

ANALYTICAL REPORT

Job Number: 460-72180-1

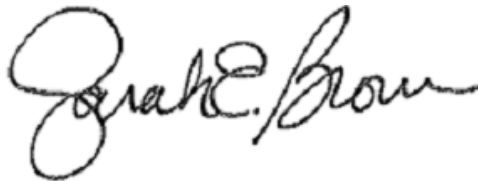
Job Description: Former McCandless Fuels Site

For:

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Approved for release.
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03/18/2014

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CASE NARRATIVE

Client: Antea USA, Inc.

Project: Former McCandless Fuels Site

Report Number: 460-72180-1

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 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 5.8° C, 6.3° C and 6.6° C.

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-28SW-SD (460-72180-1), PMP-15SW-VD (460-72180-2), PMP-15SW-WT (460-72180-3), PMP-15SW-SI (460-72180-4), PMP-15SW-SD (460-72180-5), PMP-16SW-WT (460-72180-6), PMP-16SW-SI (460-72180-7), PMP-17SW-WT (460-72180-8), PMP-17SW-SI (460-72180-9), PMP-18SW-VD (460-72180-10), PMP-18SW-WT (460-72180-11), PMP-18SW-SI (460-72180-12), PMP-19SW-VD (460-72180-13), PMP-19SW-WT (460-72180-14), PMP-19SW-SI (460-72180-15), PMP-26SW-VD (460-72180-16), PMP-26SW-WT (460-72180-17), PMP-26SW-SI (460-72180-18), PMP-27SW-VD (460-72180-19), PMP-27SW-WT (460-72180-20), PMP-27SW-SD (460-72180-21), PMP-31SW-VS (460-72180-22), PMP-32SW-VS (460-72180-23), DUP_030714 (460-72180-24), DUP2_030714 (460-72180-25), DUP3_030714 (460-72180-26), Trip Blank (460-72180-28) and PMP-27SW-SI (460-72180-29) 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 and 03/14/2014.

Acetone was detected in method blanks MB 460-212436/6 and MB 460-212542/6 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 212509 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 samples; therefore, the data have been reported

The laboratory control sample (LCS) for batch 212620 recovered outside control limits for the following analytes: 2-Hexanone, Cyclohexane, and Methylcyclohexane. The data have been flagged and reported.

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.

The continuing calibration verification (CCV) associated with batch 212509 recovered above the upper control limit for Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

The following sample was diluted to bring the concentration of target analytes within the calibration range: 460-72180-24. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the abundance of non-target and target analytes: 460-72180-3, 460-72180-6, 460-72180-14, 460-72180-20. 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_030714 (460-72180-27) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/13/2014.

The laboratory control sample (LCS) for batch 212288 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.

Several analytes failed the recovery criteria high and low for the MS and MSD of sample 460-72069-8 in batch 460-212288. Also, 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-28SW-SD (460-72180-1), PMP-15SW-VD (460-72180-2), PMP-15SW-WT (460-72180-3), PMP-15SW-SI (460-72180-4), PMP-15SW-SD (460-72180-5), PMP-16SW-WT (460-72180-6), PMP-16SW-SI (460-72180-7), PMP-17SW-WT (460-72180-8), PMP-17SW-SI (460-72180-9), PMP-18SW-VD (460-72180-10), PMP-18SW-WT (460-72180-11), PMP-18SW-SI (460-72180-12), PMP-19SW-VD (460-72180-13), PMP-19SW-WT (460-72180-14), PMP-19SW-SI (460-72180-15), PMP-26SW-VD (460-72180-16), PMP-26SW-WT (460-72180-17), PMP-26SW-SI (460-72180-18), PMP-27SW-VD (460-72180-19), PMP-27SW-WT (460-72180-20), PMP-27SW-SD (460-72180-21), PMP-31SW-VS (460-72180-22), PMP-32SW-VS (460-72180-23), DUP_030714 (460-72180-24), DUP2_030714 (460-72180-25), DUP3_030714 (460-72180-26) and PMP-27SW-SI (460-72180-29) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/11/2014 and analyzed on 03/12/2014 and 03/13/2014.

The laboratory control sample (LCS) for batches 211814 and 211817 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.

2,4-Dinitrophenol and Hexachlorocyclopentadiene failed the recovery criteria low for the MS of sample 460-71983-7 in batch 460-212016. 2,4-Dinitrotoluene, 3,3'-Dichlorobenzidine, Nitrobenzene and N-Nitrosodiphenylamine failed the recovery criteria high.

2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol, Hexachlorocyclopentadiene, and Phenanthrene failed the recovery criteria low for the MSD of sample 460-71983-7 in batch 460-212016. 3,3'-Dichlorobenzidine, Nitrobenzene and N-Nitrosodiphenylamine failed the recovery criteria high.

Several analytes failed the recovery criteria high for the MS and MSD of sample 460-72180-9 in batch 460-212014.

Six surrogates are used for this analysis, three acid and three base neutrals. The laboratory's SOP allows one surrogate from each fraction to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained one surrogate compound (2,4,6-Tribromophenol) outside limits: 460-72180-9, 460-72180-9 MSD. These results have been reported and qualified.

Refer to the QC report for details.

Samples PMP-15SW-WT (460-72180-3)[5X], PMP-16SW-WT (460-72180-6)[2X], PMP-17SW-WT (460-72180-8)[5X], PMP-18SW-VD (460-72180-10)[5X], PMP-19SW-VD (460-72180-13)[5X], PMP-19SW-WT (460-72180-14)[5X], PMP-26SW-WT (460-72180-17)[5X] and DUP_030714 (460-72180-24)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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_030714 (460-72180-27) 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-28SW-SD (460-72180-1), PMP-15SW-VD (460-72180-2), PMP-15SW-WT (460-72180-3), PMP-15SW-SI (460-72180-4), PMP-15SW-SD (460-72180-5), PMP-16SW-WT (460-72180-6), PMP-16SW-SI (460-72180-7), PMP-17SW-WT (460-72180-8), PMP-17SW-SI (460-72180-9), PMP-18SW-VD (460-72180-10), PMP-18SW-WT (460-72180-11), PMP-18SW-SI (460-72180-12),

PMP-19SW-VD (460-72180-13), PMP-19SW-WT (460-72180-14), PMP-19SW-SI (460-72180-15), PMP-26SW-VD (460-72180-16), PMP-26SW-WT (460-72180-17), PMP-26SW-SI (460-72180-18), PMP-27SW-VD (460-72180-19), PMP-27SW-WT (460-72180-20), PMP-27SW-SD (460-72180-21), PMP-31SW-VS (460-72180-22), PMP-32SW-VS (460-72180-23), DUP_030714 (460-72180-24), DUP2_030714 (460-72180-25), DUP3_030714 (460-72180-26) and PMP-27SW-SI (460-72180-29) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/11/2014 and 03/12/2014 and analyzed on 03/12/2014, 03/13/2014 and 03/14/2014.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MS and MSD of sample 460-72180-24 in batch 460-212092.

Aroclor 1016 and Aroclor 1260 failed the recovery criteria low for the MS and MSD of sample 460-72180-26 in batch 460-212322.

The surrogate recovery (DCB Decachlorobiphenyl) for the method blank (MB) and laboratory control sample (LCS) associated with batch 211881 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

The surrogate recovery (DCB Decachlorobiphenyl) for the method blank (MB) associated with batch 211882 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Surrogate recovery (DCB Decachlorobiphenyl) for the following samples was outside the upper control limit on the primary column: 460-72180-1, 460-72180-29. These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Compounds Aroclor 1016 and TCMX surrogate eluted outside the retention time window on the primary column for the continuing calibration: CCV 460-212322/16. This retention time shift was taken into account when reviewing the samples for target compounds.

Refer to the QC report for details.

Samples PMP-15SW-WT (460-72180-3)[50X], PMP-16SW-WT (460-72180-6)[10X], PMP-16SW-SI (460-72180-7)[10X], PMP-17SW-WT (460-72180-8)[50X], PMP-18SW-VD (460-72180-10)[10X], PMP-18SW-WT (460-72180-11)[20X], PMP-19SW-VD (460-72180-13)[5X], PMP-19SW-WT (460-72180-14)[10X], PMP-26SW-WT (460-72180-17)[10X], PMP-27SW-WT (460-72180-20)[2X], DUP_030714 (460-72180-24)[10X], DUP2_030714 (460-72180-25)[20X] and DUP3_030714 (460-72180-26)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples, matrix spikes (MS), and matrix spike duplicates (MSD) were diluted due to abundance of non-target analytes: 460-72180-3, 460-72180-6, 460-72180-7, 460-72180-8, 460-72180-10, 460-72180-11, 460-72180-14, 460-72180-17, 460-72180-24, 460-72180-24 MS, 460-72180-24 MSD, 460-72180-25, 460-72180-26, 460-72180-26 MS, 460-72180-26 MSD. As such, surrogate and spike recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: 460-72180-13, 460-72180-20. 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_030714 (460-72180-27) 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-28SW-SD (460-72180-1), PMP-15SW-VD (460-72180-2), PMP-15SW-WT (460-72180-3), PMP-15SW-SI (460-72180-4), PMP-15SW-SD (460-72180-5), PMP-16SW-WT (460-72180-6), PMP-16SW-SI (460-72180-7), PMP-17SW-WT (460-72180-8), PMP-17SW-SI (460-72180-9), PMP-18SW-VD (460-72180-10), PMP-18SW-WT (460-72180-11), PMP-18SW-SI (460-72180-12), PMP-19SW-VD (460-72180-13), PMP-19SW-WT (460-72180-14), PMP-19SW-SI (460-72180-15), PMP-26SW-VD (460-72180-16), PMP-26SW-WT (460-72180-17), PMP-26SW-SI (460-72180-18), PMP-27SW-VD (460-72180-19), PMP-27SW-WT (460-72180-20), PMP-27SW-SD (460-72180-21), PMP-31SW-VS (460-72180-22), PMP-32SW-VS (460-72180-23), DUP_030714 (460-72180-24), DUP2_030714 (460-72180-25), DUP3_030714 (460-72180-26) and PMP-27SW-SI (460-72180-29) were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/10/2014 and 03/11/2014 and analyzed on 03/12/2014 and 03/13/2014.

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

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MS and MSD of sample 460-72180-20 in batch 460-212305.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MS and MSD of sample 460-72180-9 in batch 460-212305.

Chlorobenzene surrogate was outside upper control limits for the method blank (MB) and laboratory control sample (LCS) for batch 211688. o-Terphenyl surrogate was within control limits; therefore, the data have been reported.

o-Terphenyl surrogate was outside control limits for the following sample: PMP-15SW-SI (460-72180-4). Chlorobenzene surrogate was within control limits; therefore, data has been qualify and reported.

Refer to the QC report for details.

Samples PMP-15SW-WT (460-72180-3)[20X], PMP-16SW-WT (460-72180-6)[20X], PMP-16SW-SI (460-72180-7)[5X], PMP-17SW-WT (460-72180-8)[25X], PMP-17SW-SI (460-72180-9)[10X], PMP-18SW-VD (460-72180-10)[5X], PMP-18SW-WT (460-72180-11)[5X], PMP-19SW-VD (460-72180-13)[5X], PMP-19SW-WT (460-72180-14)[25X], PMP-26SW-WT (460-72180-17)[10X], PMP-27SW-WT (460-72180-20)[20X], DUP_030714 (460-72180-24)[25X], DUP2_030714 (460-72180-25)[10X] and DUP3_030714 (460-72180-26)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples, matrix spikes (MS), and matrix spike duplicates (MSD) were diluted due to abundance of target analytes: 460-72180-3, 460-72180-6, 460-72180-8, 460-72180-9, 460-72180-9 MS, 460-72180-9 MSD, 460-72180-14, 460-72180-17, 460-72180-20, 460-72180-20 MS, 460-72180-20 MSD, 460-72180-24, 460-72180-25, 460-72180-25 MS, 460-72180-25 MSD, 460-72180-26. As such, surrogate and spike recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: 460-72180-7, 460-72180-10, 460-72180-11, 460-72180-13. 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_030714 (460-72180-27) 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_030714 (460-72180-27) 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-28SW-SD (460-72180-1), PMP-15SW-VD (460-72180-2), PMP-15SW-WT (460-72180-3), PMP-15SW-SI (460-72180-4), PMP-15SW-SD (460-72180-5), PMP-16SW-WT (460-72180-6), PMP-16SW-SI (460-72180-7), PMP-17SW-WT (460-72180-8), PMP-17SW-SI (460-72180-9), PMP-18SW-VD (460-72180-10), PMP-18SW-WT (460-72180-11), PMP-18SW-SI (460-72180-12), PMP-19SW-VD (460-72180-13), PMP-19SW-WT (460-72180-14), PMP-19SW-SI (460-72180-15), PMP-26SW-VD (460-72180-16), PMP-26SW-WT (460-72180-17), PMP-26SW-SI (460-72180-18), PMP-27SW-VD (460-72180-19), PMP-27SW-WT (460-72180-20), PMP-27SW-SD (460-72180-21), PMP-31SW-VS (460-72180-22), PMP-32SW-VS (460-72180-23), DUP_030714 (460-72180-24), DUP2_030714 (460-72180-25), DUP3_030714 (460-72180-26) and PMP-27SW-SI (460-72180-29) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 03/08/2014.

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

All quality control parameters were within the acceptance limits.

CHLORIDE

Samples PMP-28SW-SD (460-72180-1), PMP-15SW-VD (460-72180-2), PMP-15SW-WT (460-72180-3), PMP-15SW-SI (460-72180-4), PMP-15SW-SD (460-72180-5), PMP-16SW-WT (460-72180-6), PMP-16SW-SI (460-72180-7), PMP-17SW-WT (460-72180-8), PMP-17SW-SI (460-72180-9), PMP-18SW-VD (460-72180-10), PMP-18SW-WT (460-72180-11), PMP-18SW-SI (460-72180-12), PMP-19SW-VD (460-72180-13), PMP-19SW-WT (460-72180-14), PMP-19SW-SI (460-72180-15), PMP-26SW-VD (460-72180-16), PMP-26SW-WT (460-72180-17), PMP-26SW-SI (460-72180-18), PMP-27SW-VD (460-72180-19), PMP-27SW-WT (460-72180-20), PMP-27SW-SD (460-72180-21), PMP-31SW-VS (460-72180-22), PMP-32SW-VS (460-72180-23), DUP_030714 (460-72180-24), DUP2_030714 (460-72180-25), DUP3_030714 (460-72180-26) and PMP-27SW-SI (460-72180-29) were analyzed for Chloride in accordance with SM 4500 Cl- E. The samples were leached on 03/12/2014 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: 460-72180-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-72180-1	PMP-28SW-SD	Solid	03/07/2014 0845	03/07/2014 1610
460-72180-2	PMP-15SW-VD	Solid	03/07/2014 0930	03/07/2014 1610
460-72180-3	PMP-15SW-WT	Solid	03/07/2014 0935	03/07/2014 1610
460-72180-4	PMP-15SW-SI	Solid	03/07/2014 0940	03/07/2014 1610
460-72180-5	PMP-15SW-SD	Solid	03/07/2014 0945	03/07/2014 1610
460-72180-6	PMP-16SW-WT	Solid	03/07/2014 1020	03/07/2014 1610
460-72180-7	PMP-16SW-SI	Solid	03/07/2014 1025	03/07/2014 1610
460-72180-8	PMP-17SW-WT	Solid	03/07/2014 1035	03/07/2014 1610
460-72180-9	PMP-17SW-SI	Solid	03/07/2014 1040	03/07/2014 1610
460-72180-10	PMP-18SW-VD	Solid	03/07/2014 1035	03/07/2014 1610
460-72180-11	PMP-18SW-WT	Solid	03/07/2014 1100	03/07/2014 1610
460-72180-12	PMP-18SW-SI	Solid	03/07/2014 1105	03/07/2014 1610
460-72180-13	PMP-19SW-VD	Solid	03/07/2014 1200	03/07/2014 1610
460-72180-14	PMP-19SW-WT	Solid	03/07/2014 1205	03/07/2014 1610
460-72180-15	PMP-19SW-SI	Solid	03/07/2014 1210	03/07/2014 1610
460-72180-16	PMP-26SW-VD	Solid	03/07/2014 1220	03/07/2014 1610
460-72180-17	PMP-26SW-WT	Solid	03/07/2014 1225	03/07/2014 1610
460-72180-18	PMP-26SW-SI	Solid	03/07/2014 1230	03/07/2014 1610
460-72180-19	PMP-27SW-VD	Solid	03/07/2014 1140	03/07/2014 1610
460-72180-20	PMP-27SW-WT	Solid	03/07/2014 1145	03/07/2014 1610
460-72180-21	PMP-27SW-SD	Solid	03/07/2014 1155	03/07/2014 1610
460-72180-22	PMP-31SW-VS	Solid	03/07/2014 1235	03/07/2014 1610
460-72180-23	PMP-32SW-VS	Solid	03/07/2014 1245	03/07/2014 1610
460-72180-24FD	DUP_030714	Solid	03/07/2014 0000	03/07/2014 1610
460-72180-25	DUP2_030714	Solid	03/07/2014 0000	03/07/2014 1610
460-72180-26	DUP3_030714	Solid	03/07/2014 0000	03/07/2014 1610
460-72180-27FB	FB_030714	Water	03/07/2014 1400	03/07/2014 1610
460-72180-28TB	Trip Blank	Solid	03/07/2014 0000	03/07/2014 1610
460-72180-29	PMP-27SW-SI	Solid	03/07/2014 1150	03/07/2014 1610

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-1	PMP-28SW-SD					
Acetone		17	B	5.7	ug/Kg	8260B
Chloroform		0.44	J	1.1	ug/Kg	8260B
Toluene		0.18	J	1.1	ug/Kg	8260B
Percent Moisture		11.8		1.0	%	Moisture
Percent Solids		88.2		1.0	%	Moisture
460-72180-2	PMP-15SW-VD					
Methylene Chloride		1.3		1.2	ug/Kg	8260B
Acetone		9.2	B	5.9	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		68		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
460-72180-3	PMP-15SW-WT					
Trichloroethene		36	J	110	ug/Kg	8260B
1,2,4-Trichlorobenzene		3000		110	ug/Kg	8260B
1,2,3-Trichlorobenzene		670		110	ug/Kg	8260B
Methylcyclohexane		72	J *	110	ug/Kg	8260B
Tetrachloroethene		140		110	ug/Kg	8260B
Xylenes, Total		47	J	230	ug/Kg	8260B
Pyrene		320	J	1900	ug/Kg	8270C
Aroclor 1242		75000		3800	ug/Kg	8082
Aroclor 1260		4600		3800	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2900		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.7		1.0	%	Moisture
Percent Solids		87.3		1.0	%	Moisture
460-72180-4	PMP-15SW-SI					
Methylene Chloride		0.73	J	0.99	ug/Kg	8260B
Acetone		9.6	B	5.0	ug/Kg	8260B
Carbon disulfide		0.55	J	0.99	ug/Kg	8260B
Chloroform		1.2		0.99	ug/Kg	8260B
Trichloroethene		0.18	J	0.99	ug/Kg	8260B
Toluene		0.15	J	0.99	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.0		0.99	ug/Kg	8260B
1,2,3-Trichlorobenzene		6.7		0.99	ug/Kg	8260B
Methylcyclohexane		0.16	J	0.99	ug/Kg	8260B
Tetrachloroethene		0.21	J	0.99	ug/Kg	8260B
Percent Moisture		14.7		1.0	%	Moisture
Percent Solids		85.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-5	PMP-15SW-SD					
Methylene Chloride		0.47	J	0.85	ug/Kg	8260B
Acetone		9.5	B	4.3	ug/Kg	8260B
Carbon disulfide		0.31	J	0.85	ug/Kg	8260B
trans-1,2-Dichloroethene		0.54	J	0.85	ug/Kg	8260B
cis-1,2-Dichloroethene		3.9		0.85	ug/Kg	8260B
Chloroform		1.5		0.85	ug/Kg	8260B
Trichloroethene		3.8		0.85	ug/Kg	8260B
Toluene		0.12	J	0.85	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.0		0.85	ug/Kg	8260B
1,2,3-Trichlorobenzene		2.0		0.85	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		10		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.4		1.0	%	Moisture
Percent Solids		87.6		1.0	%	Moisture
460-72180-6	PMP-16SW-WT					
Ethylbenzene		40	J	110	ug/Kg	8260B
Isopropylbenzene		33	J	110	ug/Kg	8260B
1,2-Dichlorobenzene		83	J	110	ug/Kg	8260B
1,3-Dichlorobenzene		58	J	110	ug/Kg	8260B
1,4-Dichlorobenzene		540		110	ug/Kg	8260B
1,2,4-Trichlorobenzene		240		110	ug/Kg	8260B
1,2,3-Trichlorobenzene		150		110	ug/Kg	8260B
Methylcyclohexane		940	*	110	ug/Kg	8260B
Xylenes, Total		1300		210	ug/Kg	8260B
Fluoranthene		130	J	750	ug/Kg	8270C
Phenanthrene		1500		750	ug/Kg	8270C
Pyrene		440	J	750	ug/Kg	8270C
Aroclor 1242		15000		760	ug/Kg	8082
Aroclor 1260		1900		760	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2800		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.1		1.0	%	Moisture
Percent Solids		87.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-7	PMP-16SW-SI					
Methylene Chloride		3.2		1.3	ug/Kg	8260B
Acetone		110	B	6.5	ug/Kg	8260B
Carbon disulfide		9.9		1.3	ug/Kg	8260B
Chloroform		0.35	J	1.3	ug/Kg	8260B
2-Butanone		19		6.5	ug/Kg	8260B
Ethylbenzene		1.4		1.3	ug/Kg	8260B
Isopropylbenzene		0.30	J	1.3	ug/Kg	8260B
Toluene		0.21	J	1.3	ug/Kg	8260B
1,2-Dichlorobenzene		0.16	J	1.3	ug/Kg	8260B
1,4-Dichlorobenzene		0.50	J	1.3	ug/Kg	8260B
Methylcyclohexane		1.5		1.3	ug/Kg	8260B
Xylenes, Total		1.1	J	2.6	ug/Kg	8260B
Fluorene		65	J	380	ug/Kg	8270C
Phenanthrene		350	J	380	ug/Kg	8270C
Pyrene		40	J	380	ug/Kg	8270C
Aroclor 1242		9100		780	ug/Kg	8082
Aroclor 1260		1100		780	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		820		32	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.2		1.0	%	Moisture
Percent Solids		85.8		1.0	%	Moisture
460-72180-8	PMP-17SW-WT					
Methylene Chloride		0.89	J	1.2	ug/Kg	8260B
Acetone		34	B	6.1	ug/Kg	8260B
Carbon disulfide		0.49	J	1.2	ug/Kg	8260B
Chloroform		3.1		1.2	ug/Kg	8260B
Trichloroethene		0.34	J	1.2	ug/Kg	8260B
1,2-Dichlorobenzene		2.6		1.2	ug/Kg	8260B
1,4-Dichlorobenzene		4.1		1.2	ug/Kg	8260B
1,2,4-Trichlorobenzene		64		1.2	ug/Kg	8260B
1,2,3-Trichlorobenzene		12		1.2	ug/Kg	8260B
Methylcyclohexane		6.4		1.2	ug/Kg	8260B
Tetrachloroethene		19		1.2	ug/Kg	8260B
Xylenes, Total		13		2.5	ug/Kg	8260B
Pyrene		270	J	1900	ug/Kg	8270C
Aroclor 1242		72000		3900	ug/Kg	8082
Aroclor 1260		4500		3900	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3000		160	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.4		1.0	%	Moisture
Percent Solids		86.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-9	PMP-17SW-SI					
Methylene Chloride		0.42	J	1.0	ug/Kg	8260B
Acetone		8.7	B	5.1	ug/Kg	8260B
Carbon disulfide		0.22	J	1.0	ug/Kg	8260B
Chloroform		0.78	J	1.0	ug/Kg	8260B
Trichloroethene		0.14	J	1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		1.0		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		0.51	J	1.0	ug/Kg	8260B
2-Methylnaphthalene		70	J	380	ug/Kg	8270C
Fluorene		290	J	380	ug/Kg	8270C
Phenanthrene		510		380	ug/Kg	8270C
Pyrene		160	J	380	ug/Kg	8270C
Aroclor 1242		1800		78	ug/Kg	8082
Aroclor 1260		150		78	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1100		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.3		1.0	%	Moisture
Percent Solids		85.7		1.0	%	Moisture
460-72180-10	PMP-18SW-VD					
Methylene Chloride		0.55	J	0.78	ug/Kg	8260B
Acetone		1800	B	3.9	ug/Kg	8260B
Chloroform		0.50	J	0.78	ug/Kg	8260B
2-Butanone		290		3.9	ug/Kg	8260B
Benzene		0.19	J	0.78	ug/Kg	8260B
Cyclohexane		0.39	J	0.78	ug/Kg	8260B
2-Hexanone		35		3.9	ug/Kg	8260B
Methyl acetate		32		3.9	ug/Kg	8260B
Toluene		0.31	J	0.78	ug/Kg	8260B
4-Methyl-2-pentanone		9.1		3.9	ug/Kg	8260B
1,3-Dichlorobenzene		0.25	J	0.78	ug/Kg	8260B
1,4-Dichlorobenzene		1.4		0.78	ug/Kg	8260B
1,2,4-Trichlorobenzene		13		0.78	ug/Kg	8260B
Methylcyclohexane		0.63	J	0.78	ug/Kg	8260B
Aroclor 1248		8600		710	ug/Kg	8082
Aroclor 1260		1700		710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		650		29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.3		1.0	%	Moisture
Percent Solids		93.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-11	PMP-18SW-WT					
Methylene Chloride		0.62	J	0.94	ug/Kg	8260B
Acetone		55	B	4.7	ug/Kg	8260B
Chloroform		3.1		0.94	ug/Kg	8260B
2-Butanone		5.4		4.7	ug/Kg	8260B
Ethylbenzene		0.48	J	0.94	ug/Kg	8260B
1,2-Dichlorobenzene		0.14	J	0.94	ug/Kg	8260B
1,3-Dichlorobenzene		0.52	J	0.94	ug/Kg	8260B
1,4-Dichlorobenzene		2.9		0.94	ug/Kg	8260B
1,2,4-Trichlorobenzene		4.9		0.94	ug/Kg	8260B
Methylcyclohexane		0.21	J	0.94	ug/Kg	8260B
Xylenes, Total		1.6	J	1.9	ug/Kg	8260B
Fluoranthene		53	J	380	ug/Kg	8270C
Pyrene		120	J	380	ug/Kg	8270C
Aroclor 1242		28000		1500	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		680		32	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.1		1.0	%	Moisture
Percent Solids		86.9		1.0	%	Moisture
460-72180-12	PMP-18SW-SI					
Methylene Chloride		0.82	J	0.93	ug/Kg	8260B
Acetone		15	B	4.6	ug/Kg	8260B
Carbon disulfide		1.2		0.93	ug/Kg	8260B
Chloroform		9.4		0.93	ug/Kg	8260B
Ethylbenzene		3.6		0.93	ug/Kg	8260B
Isopropylbenzene		0.41	J	0.93	ug/Kg	8260B
Toluene		0.14	J	0.93	ug/Kg	8260B
1,2-Dichlorobenzene		0.10	J	0.93	ug/Kg	8260B
1,4-Dichlorobenzene		0.62	J	0.93	ug/Kg	8260B
Methylcyclohexane		0.70	J	0.93	ug/Kg	8260B
Xylenes, Total		10		1.9	ug/Kg	8260B
Dibromochloromethane		0.24	J	0.93	ug/Kg	8260B
Bromodichloromethane		0.94		0.93	ug/Kg	8260B
Aroclor 1242		660		79	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		56		6.5	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.8		1.0	%	Moisture
Percent Solids		85.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-13	PMP-19SW-VD					
Methylene Chloride		1.0		1.0	ug/Kg	8260B
Acetone		16	B	5.1	ug/Kg	8260B
1,4-Dichlorobenzene		3.9		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		12		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		3.7		1.0	ug/Kg	8260B
Aroclor 1248		4900		360	ug/Kg	8082
Aroclor 1260		900		360	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		700		29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.4		1.0	%	Moisture
Percent Solids		93.6		1.0	%	Moisture
460-72180-14	PMP-19SW-WT					
Chloroform		27	J	91	ug/Kg	8260B
1,4-Dichlorobenzene		150		91	ug/Kg	8260B
1,2,4-Trichlorobenzene		190		91	ug/Kg	8260B
Xylenes, Total		99	J	180	ug/Kg	8260B
Phenanthrene		1000	J	1900	ug/Kg	8270C
Pyrene		260	J	1900	ug/Kg	8270C
Aroclor 1242		15000		760	ug/Kg	8082
Aroclor 1260		720	J	760	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		3100		160	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.5		1.0	%	Moisture
Percent Solids		87.5		1.0	%	Moisture
460-72180-15	PMP-19SW-SI					
Chloromethane		0.86	J	0.90	ug/Kg	8260B
Methylene Chloride		1.1		0.90	ug/Kg	8260B
Acetone		12	B	4.5	ug/Kg	8260B
Chloroform		20		0.90	ug/Kg	8260B
Bromoform		0.19	J	0.90	ug/Kg	8260B
Dibromochloromethane		0.36	J	0.90	ug/Kg	8260B
Bromodichloromethane		1.3		0.90	ug/Kg	8260B
Aroclor 1242		110		79	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		10		6.5	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.8		1.0	%	Moisture
Percent Solids		85.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-16	PMP-26SW-VD					
Methylene Chloride		0.65	J	1.1	ug/Kg	8260B
Acetone		7.6	B	5.6	ug/Kg	8260B
Chloroform		0.61	J	1.1	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		10		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.5		1.0	%	Moisture
Percent Solids		93.5		1.0	%	Moisture
460-72180-17	PMP-26SW-WT					
Methylene Chloride		0.65	J	1.0	ug/Kg	8260B
Acetone		73	B	5.2	ug/Kg	8260B
Carbon disulfide		1.1		1.0	ug/Kg	8260B
Chloroform		5.2		1.0	ug/Kg	8260B
2-Butanone		15		5.2	ug/Kg	8260B
Ethylbenzene		0.39	J	1.0	ug/Kg	8260B
Chlorobenzene		4.3		1.0	ug/Kg	8260B
Toluene		0.41	J	1.0	ug/Kg	8260B
1,3-Dichlorobenzene		3.5		1.0	ug/Kg	8260B
1,4-Dichlorobenzene		32		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		30		1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		7.4		1.0	ug/Kg	8260B
Methylcyclohexane		5.0		1.0	ug/Kg	8260B
Tetrachloroethene		0.50	J	1.0	ug/Kg	8260B
Xylenes, Total		20		2.1	ug/Kg	8260B
Aroclor 1248		10000		780	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1900		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.1		1.0	%	Moisture
Percent Solids		85.9		1.0	%	Moisture
460-72180-18	PMP-26SW-SI					
Methylene Chloride		0.94	J	0.96	ug/Kg	8260B
Acetone		14	B	4.8	ug/Kg	8260B
Carbon disulfide		0.46	J	0.96	ug/Kg	8260B
Chloroform		0.78	J	0.96	ug/Kg	8260B
Aroclor 1248		380		81	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		17		6.6	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		17.2		1.0	%	Moisture
Percent Solids		82.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-19	PMP-27SW-VD					
Methylene Chloride		0.88	J	0.90	ug/Kg	8260B
Acetone		5.9	B	4.5	ug/Kg	8260B
Percent Moisture		7.1		1.0	%	Moisture
Percent Solids		92.9		1.0	%	Moisture
460-72180-20	PMP-27SW-WT					
1,2,4-Trichlorobenzene		850		120	ug/Kg	8260B
1,2,3-Trichlorobenzene		250		120	ug/Kg	8260B
Tetrachloroethene		82	J	120	ug/Kg	8260B
Di-n-butyl phthalate		140	J	380	ug/Kg	8270C
Pyrene		45	J	380	ug/Kg	8270C
Aroclor 1242		2500		160	ug/Kg	8082
Aroclor 1260		250		160	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2100		130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.7		1.0	%	Moisture
Percent Solids		86.3		1.0	%	Moisture
460-72180-21	PMP-27SW-SD					
Methylene Chloride		1.2		1.0	ug/Kg	8260B
Acetone		8.4	B	5.0	ug/Kg	8260B
Carbon disulfide		0.19	J	1.0	ug/Kg	8260B
Chloroform		1.0		1.0	ug/Kg	8260B
1,2,4-Trichlorobenzene		0.83	J	1.0	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.2		1.0	ug/Kg	8260B
Aroclor 1242		180		77	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		16		6.3	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.7		1.0	%	Moisture
Percent Solids		87.3		1.0	%	Moisture
460-72180-22	PMP-31SW-VS					
Methylene Chloride		0.56	J	0.92	ug/Kg	8260B
Acetone		2.6	J B	4.6	ug/Kg	8260B
Trichloroethene		0.13	J	0.92	ug/Kg	8260B
Aroclor 1260		91		72	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		18		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.2		1.0	%	Moisture
Percent Solids		92.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-23	PMP-32SW-VS					
Methylene Chloride		1.0		0.91	ug/Kg	8260B
Acetone		3.2	J B	4.6	ug/Kg	8260B
Styrene		0.30	J	0.91	ug/Kg	8260B
Di-n-butyl phthalate		66	J	350	ug/Kg	8270C
Total Petroleum Hydrocarbons (C8-C40)		7.3		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		6.1		1.0	%	Moisture
Percent Solids		93.9		1.0	%	Moisture
460-72180-24FD	DUP_030714					
Ethylbenzene		840		73	ug/Kg	8260B
Chlorobenzene		48	J	73	ug/Kg	8260B
Isopropylbenzene		1500		73	ug/Kg	8260B
Toluene		19	J	73	ug/Kg	8260B
1,2-Dichlorobenzene		260		73	ug/Kg	8260B
1,3-Dichlorobenzene		86		73	ug/Kg	8260B
1,4-Dichlorobenzene		1200		73	ug/Kg	8260B
1,2,4-Trichlorobenzene		190		73	ug/Kg	8260B
1,2,3-Trichlorobenzene		170		73	ug/Kg	8260B
Methylcyclohexane		3700		73	ug/Kg	8260B
Xylenes, Total		8500		150	ug/Kg	8260B
Pyrene		67	J	710	ug/Kg	8270C
Aroclor 1248		9900		720	ug/Kg	8082
Aroclor 1260		1300		720	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		2400		150	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.3		1.0	%	Moisture
Percent Solids		92.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-25	DUP2_030714					
Methylene Chloride		1.9		1.1	ug/Kg	8260B
Acetone		25	B	5.3	ug/Kg	8260B
Carbon disulfide		2.5		1.1	ug/Kg	8260B
Chloroform		4.8		1.1	ug/Kg	8260B
2-Butanone		5.4		5.3	ug/Kg	8260B
Trichloroethene		0.33	J	1.1	ug/Kg	8260B
Toluene		0.30	J	1.1	ug/Kg	8260B
4-Methyl-2-pentanone		0.74	J	5.3	ug/Kg	8260B
1,2,4-Trichlorobenzene		2.4		1.1	ug/Kg	8260B
1,2,3-Trichlorobenzene		1.1		1.1	ug/Kg	8260B
Methylcyclohexane		0.20	J	1.1	ug/Kg	8260B
Tetrachloroethene		0.34	J	1.1	ug/Kg	8260B
Xylenes, Total		1.1	J	2.1	ug/Kg	8260B
2-Methylnaphthalene		120	J	380	ug/Kg	8270C
Phenanthrene		740		380	ug/Kg	8270C
Pyrene		180	J	380	ug/Kg	8270C
Aroclor 1242		16000		1600	ug/Kg	8082
Aroclor 1260		1100	J	1600	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1100		64	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.0		1.0	%	Moisture
Percent Solids		86.0		1.0	%	Moisture
460-72180-26	DUP3_030714					
Methylene Chloride		0.25	J	0.86	ug/Kg	8260B
Acetone		180	B	4.3	ug/Kg	8260B
Chloroform		0.21	J	0.86	ug/Kg	8260B
2-Butanone		31		4.3	ug/Kg	8260B
Cyclohexane		0.20	J	0.86	ug/Kg	8260B
2-Hexanone		3.2	J	4.3	ug/Kg	8260B
Toluene		0.16	J	0.86	ug/Kg	8260B
4-Methyl-2-pentanone		1.2	J	4.3	ug/Kg	8260B
1,3-Dichlorobenzene		0.24	J	0.86	ug/Kg	8260B
1,4-Dichlorobenzene		1.2		0.86	ug/Kg	8260B
1,2,4-Trichlorobenzene		7.5		0.86	ug/Kg	8260B
Methylcyclohexane		0.37	J	0.86	ug/Kg	8260B
Pyrene		61	J	350	ug/Kg	8270C
Aroclor 1248		8800		710	ug/Kg	8082
Aroclor 1260		1400		710	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1600		58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.8		1.0	%	Moisture
Percent Solids		94.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-72180-28TB	TRIP BLANK					
Acetone		10	B	5.0	ug/Kg	8260B
460-72180-29	PMP-27SW-SI					
Methylene Chloride		0.73	J	0.96	ug/Kg	8260B
Acetone		16	B	4.8	ug/Kg	8260B
Carbon disulfide		1.1		0.96	ug/Kg	8260B
Chloroform		0.76	J	0.96	ug/Kg	8260B
2-Butanone		2.3	J	4.8	ug/Kg	8260B
Trichloroethene		0.16	J	0.96	ug/Kg	8260B
Toluene		0.16	J	0.96	ug/Kg	8260B
1,2,4-Trichlorobenzene		3.1		0.96	ug/Kg	8260B
Methylcyclohexane		0.16	J	0.96	ug/Kg	8260B
Tetrachloroethene		0.33	J	0.96	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		12		6.4	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		13.6		1.0	%	Moisture
Percent Solids		86.4		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc.

Job Number: 460-72180-1

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: 460-72180-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KLB
SW846 8260B	Manlangit, Ferdie	FAM
SW846 8260B	Moroney, Christopher J	CJM
SW846 8260B	Tupayachi, Audberto	AAT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Crocco, Michael	MMC
SW846 8082	Patel, Jignesh	JHP
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DAN
EPA Moisture	Armbruster, Chris	CJA
SM SM 4500 Cl- B	Vu, Huan	HTV
SM SM 4500 Cl- E	Cabanganan, Maria	MCC

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84757.D
Dilution:	1.0			Initial Weight/Volume:	5.006 g
Analysis Date:	03/13/2014 2043			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1720				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.18	U	0.18	1.1
Bromomethane		0.49	U	0.49	1.1
Vinyl chloride		0.39	U	0.39	1.1
Chloroethane		0.37	U	0.37	1.1
Methylene Chloride		0.17	U	0.17	1.1
Acetone		17	B	1.9	5.7
Carbon disulfide		0.17	U	0.17	1.1
Trichlorofluoromethane		0.18	U	0.18	1.1
1,1-Dichloroethene		0.22	U	0.22	1.1
1,1-Dichloroethane		0.12	U	0.12	1.1
trans-1,2-Dichloroethene		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.44	J	0.27	1.1
2-Butanone		0.71	U	0.71	5.7
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.15	U	0.15	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		0.32	U	0.32	1.1
Ethylbenzene		0.19	U	0.19	1.1
Chlorobenzene		0.20	U	0.20	1.1
Cyclohexane		0.15	U	0.15	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.15	U	0.15	5.7
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	5.7
1,4-Dioxane		14	U	14	23
Trichloroethene		0.14	U	0.14	1.1
Toluene		0.18	J	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.23	U	0.23	5.7
cis-1,3-Dichloropropene		0.16	U	0.16	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		0.22	U	0.22	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.14	U	0.14	1.1
Xylenes, Total		0.76	U	0.76	2.3
1,2-Dibromo-3-Chloropropane		0.50	U	0.50	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84757.D
Dilution: 1.0 Initial Weight/Volume: 5.006 g
Analysis Date: 03/13/2014 2043 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1720

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		0.25	U	0.25	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	93		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84757.D

Dilution: 1.0

Initial Weight/Volume: 5.006 g

Analysis Date: 03/13/2014 2043

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1720

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84758.D
Dilution:	1.0			Initial Weight/Volume:	4.462 g
Analysis Date:	03/13/2014 2211			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1722				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.19	U	0.19	1.2
Bromomethane		0.51	U	0.51	1.2
Vinyl chloride		0.40	U	0.40	1.2
Chloroethane		0.39	U	0.39	1.2
Methylene Chloride		1.3		0.18	1.2
Acetone		9.2	B	2.0	5.9
Carbon disulfide		0.18	U	0.18	1.2
Trichlorofluoromethane		0.19	U	0.19	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.15	U	0.15	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		0.28	U	0.28	1.2
2-Butanone		0.75	U	0.75	5.9
1,2-Dichloroethane		0.21	U	0.21	1.2
1,1,1-Trichloroethane		0.15	U	0.15	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.20	U	0.20	1.2
Styrene		0.33	U	0.33	1.2
Ethylbenzene		0.20	U	0.20	1.2
Chlorobenzene		0.21	U	0.21	1.2
Cyclohexane		0.15	U	0.15	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.15	U	0.15	5.9
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.38	U	0.38	5.9
1,4-Dioxane		15	U	15	24
Trichloroethene		0.14	U	0.14	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.24	U	0.24	5.9
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		0.12	U	0.12	1.2
1,3-Dichlorobenzene		0.19	U	0.19	1.2
1,4-Dichlorobenzene		0.13	U	0.13	1.2
1,2,4-Trichlorobenzene		0.23	U	0.23	1.2
1,2,3-Trichlorobenzene		0.19	U	0.19	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		0.12	U	0.12	1.2
Tetrachloroethene		0.14	U	0.14	1.2
Xylenes, Total		0.80	U	0.80	2.4
1,2-Dibromo-3-Chloropropane		0.52	U	0.52	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84758.D
Dilution: 1.0 Initial Weight/Volume: 4.462 g
Analysis Date: 03/13/2014 2211 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1722

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.26	U	0.26	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.38	U	0.38	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84758.D

Dilution: 1.0

Initial Weight/Volume: 4.462 g

Analysis Date: 03/13/2014 2211

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1722

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212620	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10002.D
Dilution:	50			Initial Weight/Volume:	4.995 g
Analysis Date:	03/14/2014 1409			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1353				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		11	U	11	110
Bromomethane		21	U	21	110
Vinyl chloride		17	U	17	110
Chloroethane		19	U	19	110
Methylene Chloride		21	U	21	110
Acetone		310	U	310	570
Carbon disulfide		14	U	14	110
Trichlorofluoromethane		17	U	17	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		9.0	U	9.0	110
2-Butanone		270	U	270	570
1,2-Dichloroethane		22	U	22	110
1,1,1-Trichloroethane		7.1	U	7.1	110
Carbon tetrachloride		6.5	U	6.5	110
Benzene		9.5	U	9.5	110
Bromoform		22	U	22	110
Styrene		14	U	14	110
Ethylbenzene		11	U	11	110
Chlorobenzene		13	U	13	110
Cyclohexane		18	U*	18	110
Isopropylbenzene		8.8	U	8.8	110
2-Hexanone		57	U*	57	570
MTBE		16	U	16	110
Freon TF		9.4	U	9.4	110
Methyl acetate		39	U	39	570
1,4-Dioxane		4100	U	4100	5700
Trichloroethene		36	J	11	110
Toluene		17	U	17	110
trans-1,3-Dichloropropene		28	U	28	110
4-Methyl-2-pentanone		110	U	110	570
cis-1,3-Dichloropropene		21	U	21	110
1,2-Dichlorobenzene		24	U	24	110
1,3-Dichlorobenzene		16	U	16	110
1,4-Dichlorobenzene		27	U	27	110
1,2,4-Trichlorobenzene		3000		39	110
1,2,3-Trichlorobenzene		670		59	110
1,2-Dichloropropane		9.9	U	9.9	110
Methylcyclohexane		72	J*	16	110
Tetrachloroethene		140		11	110
Xylenes, Total		47	J	41	230
1,2-Dibromo-3-Chloropropane		46	U	46	110
1,1,2,2-Tetrachloroethane		18	U	18	110
1,1,2-Trichloroethane		22	U	22	110

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212620 Instrument ID: CVOAMS8
Prep Method: 5035 Prep Batch: 460-211405 Lab File ID: J10002.D
Dilution: 50 Initial Weight/Volume: 4.995 g
Analysis Date: 03/14/2014 1409 Final Weight/Volume: 10 mL
Prep Date: 03/08/2014 1353

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		23	U	23	110
1,2-Dibromoethane		32	U	32	110
Dichlorodifluoromethane		25	U	25	110
Bromochloromethane		31	U	31	110
Bromodichloromethane		14	U	14	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		75 - 135
Toluene-d8 (Surr)	78		59 - 150
Bromofluorobenzene	80		72 - 133
Dibromofluoromethane (Surr)	78		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212620	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10002.D
Dilution:	50			Initial Weight/Volume:	4.995 g
Analysis Date:	03/14/2014 1409			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1353				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.15	4400	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.47	4600	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	3700	J N
1758-85-6	Benzene, 2,4-diethyl-1-methyl-	11.71	4100	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.91	3800	J N
20836-11-7	1H-Indene,2,3-dihydro-2,2-dimethyl-	12.22	5100	J N
16819-79-7	2'-Ethylpropiophenone	12.68	3900	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.85	3400	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.96	4700	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	3400	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84759.D
Dilution:	1.0			Initial Weight/Volume:	5.911 g
Analysis Date:	03/13/2014 2236			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1727				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.16	U	0.16	0.99
Bromomethane		0.43	U	0.43	0.99
Vinyl chloride		0.34	U	0.34	0.99
Chloroethane		0.33	U	0.33	0.99
Methylene Chloride		0.73	J	0.15	0.99
Acetone		9.6	B	1.7	5.0
Carbon disulfide		0.55	J	0.15	0.99
Trichlorofluoromethane		0.16	U	0.16	0.99
1,1-Dichloroethene		0.19	U	0.19	0.99
1,1-Dichloroethane		0.11	U	0.11	0.99
trans-1,2-Dichloroethene		0.13	U	0.13	0.99
cis-1,2-Dichloroethene		0.11	U	0.11	0.99
Chloroform		1.2		0.24	0.99
2-Butanone		0.62	U	0.62	5.0
1,2-Dichloroethane		0.18	U	0.18	0.99
1,1,1-Trichloroethane		0.13	U	0.13	0.99
Carbon tetrachloride		0.15	U	0.15	0.99
Benzene		0.15	U	0.15	0.99
Bromoform		0.17	U	0.17	0.99
Styrene		0.28	U	0.28	0.99
Ethylbenzene		0.17	U	0.17	0.99
Chlorobenzene		0.18	U	0.18	0.99
Cyclohexane		0.13	U	0.13	0.99
Isopropylbenzene		0.11	U	0.11	0.99
2-Hexanone		0.13	U	0.13	5.0
MTBE		0.11	U	0.11	0.99
Freon TF		0.11	U	0.11	0.99
Methyl acetate		0.32	U	0.32	5.0
1,4-Dioxane		13	U	13	20
Trichloroethene		0.18	J	0.12	0.99
Toluene		0.15	J	0.14	0.99
trans-1,3-Dichloropropene		0.099	U	0.099	0.99
4-Methyl-2-pentanone		0.20	U	0.20	5.0
cis-1,3-Dichloropropene		0.14	U	0.14	0.99
1,2-Dichlorobenzene		0.099	U	0.099	0.99
1,3-Dichlorobenzene		0.16	U	0.16	0.99
1,4-Dichlorobenzene		0.11	U	0.11	0.99
1,2,4-Trichlorobenzene		3.0		0.19	0.99
1,2,3-Trichlorobenzene		6.7		0.16	0.99
1,2-Dichloropropane		0.15	U	0.15	0.99
Methylcyclohexane		0.16	J	0.099	0.99
Tetrachloroethene		0.21	J	0.12	0.99
Xylenes, Total		0.66	U	0.66	2.0
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	0.99
1,1,2,2-Tetrachloroethane		0.089	U	0.089	0.99
1,1,2-Trichloroethane		0.14	U	0.14	0.99

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84759.D
Dilution: 1.0 Initial Weight/Volume: 5.911 g
Analysis Date: 03/13/2014 2236 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1727

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.099	U	0.099	0.99
1,2-Dibromoethane		0.15	U	0.15	0.99
Dichlorodifluoromethane		0.22	U	0.22	0.99
Bromochloromethane		0.11	U	0.11	0.99
Bromodichloromethane		0.32	U	0.32	0.99

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84759.D
Dilution:	1.0			Initial Weight/Volume:	5.911 g
Analysis Date:	03/13/2014 2236			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1727				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-76-1	Naphthalene, decahydro-2-methyl-	12.14	23	J N
2958-75-0	1-Methyldecahydronaphthalene	12.38	22	J N
17301-23-4	Undecane, 2,6-dimethyl-	13.08	22	J N
	Unknown	13.43	36	J
629-50-5	Tridecane	13.81	34	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	13.91	21	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.38	33	J N
629-59-4	Tetradecane	14.52	40	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.92	28	J N
629-62-9	Pentadecane	15.14	23	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84760.D
Dilution:	1.0			Initial Weight/Volume:	6.684 g
Analysis Date:	03/13/2014 2301			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1730				

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		0.47	J	0.13	0.85
Acetone		9.5	B	1.4	4.3
Carbon disulfide		0.31	J	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		0.54	J	0.11	0.85
cis-1,2-Dichloroethene		3.9		0.094	0.85
Chloroform		1.5		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		0.15	U	0.15	0.85
Styrene		0.24	U	0.24	0.85
Ethylbenzene		0.15	U	0.15	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		3.8		0.10	0.85
Toluene		0.12	J	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		0.085	U	0.085	0.85
1,3-Dichlorobenzene		0.14	U	0.14	0.85
1,4-Dichlorobenzene		0.094	U	0.094	0.85
1,2,4-Trichlorobenzene		1.0		0.16	0.85
1,2,3-Trichlorobenzene		2.0		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		0.38	U	0.38	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84760.D
Dilution: 1.0 Initial Weight/Volume: 6.684 g
Analysis Date: 03/13/2014 2301 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1730

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)	90		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84760.D

Dilution: 1.0

Initial Weight/Volume: 6.684 g

Analysis Date: 03/13/2014 2301

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1730

Tentatively Identified Compounds

Number TIC's Found: 1

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
544-76-3	Hexadecane	15.77	4.3	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212620	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10003.D
Dilution:	50			Initial Weight/Volume:	5.318 g
Analysis Date:	03/14/2014 1433			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1356				

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		290	U	290	530
Carbon disulfide		13	U	13	110
Trichlorofluoromethane		16	U	16	110
1,1-Dichloroethene		9.5	U	9.5	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		8.4	U	8.4	110
2-Butanone		250	U	250	530
1,2-Dichloroethane		20	U	20	110
1,1,1-Trichloroethane		6.7	U	6.7	110
Carbon tetrachloride		6.1	U	6.1	110
Benzene		8.8	U	8.8	110
Bromoform		21	U	21	110
Styrene		13	U	13	110
Ethylbenzene		40	J	10	110
Chlorobenzene		12	U	12	110
Cyclohexane		17	U *	17	110
Isopropylbenzene		33	J	8.2	110
2-Hexanone		53	U *	53	530
MTBE		15	U	15	110
Freon TF		8.8	U	8.8	110
Methyl acetate		36	U	36	530
1,4-Dioxane		3900	U	3900	5300
Trichloroethene		9.8	U	9.8	110
Toluene		16	U	16	110
trans-1,3-Dichloropropene		26	U	26	110
4-Methyl-2-pentanone		110	U	110	530
cis-1,3-Dichloropropene		20	U	20	110
1,2-Dichlorobenzene		83	J	22	110
1,3-Dichlorobenzene		58	J	14	110
1,4-Dichlorobenzene		540		25	110
1,2,4-Trichlorobenzene		240		37	110
1,2,3-Trichlorobenzene		150		55	110
1,2-Dichloropropane		9.2	U	9.2	110
Methylcyclohexane		940	*	14	110
Tetrachloroethene		10	U	10	110
Xylenes, Total		1300		38	210
1,2-Dibromo-3-Chloropropane		43	U	43	110
1,1,2,2-Tetrachloroethane		17	U	17	110
1,1,2-Trichloroethane		20	U	20	110

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212620 Instrument ID: CVOAMS8
Prep Method: 5035 Prep Batch: 460-211405 Lab File ID: J10003.D
Dilution: 50 Initial Weight/Volume: 5.318 g
Analysis Date: 03/14/2014 1433 Final Weight/Volume: 10 mL
Prep Date: 03/08/2014 1356

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)	81		59 - 150
Bromofluorobenzene	81		72 - 133
Dibromofluoromethane (Surr)	81		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212620	Instrument ID:	CVOAMS8
Prep Method:	5035	Prep Batch:	460-211405	Lab File ID:	J10003.D
Dilution:	50			Initial Weight/Volume:	5.318 g
Analysis Date:	03/14/2014 1433			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1356				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
4254-29-9	2-Indanol	11.12	6100	J N
141-93-5	Benzene, 1,3-diethyl-	11.16	5700	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.47	5200	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.92	8000	J N
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.13	4500	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	6500	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.72	5100	J N
1985-59-7	Naphthalene, 1,2,3,4-tetrahydro-1,1-dime	12.85	6600	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.98	5300	J N
7524-63-2	Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	13.10	5200	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84761.D
Dilution:	1.0			Initial Weight/Volume:	4.459 g
Analysis Date:	03/13/2014 2326			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1735				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.21	U	0.21	1.3
Bromomethane		0.56	U	0.56	1.3
Vinyl chloride		0.44	U	0.44	1.3
Chloroethane		0.43	U	0.43	1.3
Methylene Chloride		3.2		0.20	1.3
Acetone		110	B	2.2	6.5
Carbon disulfide		9.9		0.20	1.3
Trichlorofluoromethane		0.21	U	0.21	1.3
1,1-Dichloroethene		0.25	U	0.25	1.3
1,1-Dichloroethane		0.14	U	0.14	1.3
trans-1,2-Dichloroethene		0.17	U	0.17	1.3
cis-1,2-Dichloroethene		0.14	U	0.14	1.3
Chloroform		0.35	J	0.31	1.3
2-Butanone		19		0.82	6.5
1,2-Dichloroethane		0.24	U	0.24	1.3
1,1,1-Trichloroethane		0.17	U	0.17	1.3
Carbon tetrachloride		0.20	U	0.20	1.3
Benzene		0.20	U	0.20	1.3
Bromoform		0.22	U	0.22	1.3
Styrene		0.37	U	0.37	1.3
Ethylbenzene		1.4		0.22	1.3
Chlorobenzene		0.24	U	0.24	1.3
Cyclohexane		0.17	U	0.17	1.3
Isopropylbenzene		0.30	J	0.14	1.3
2-Hexanone		0.17	U	0.17	6.5
MTBE		0.14	U	0.14	1.3
Freon TF		0.14	U	0.14	1.3
Methyl acetate		0.42	U	0.42	6.5
1,4-Dioxane		17	U	17	26
Trichloroethene		0.16	U	0.16	1.3
Toluene		0.21	J	0.18	1.3
trans-1,3-Dichloropropene		0.13	U	0.13	1.3
4-Methyl-2-pentanone		0.26	U	0.26	6.5
cis-1,3-Dichloropropene		0.18	U	0.18	1.3
1,2-Dichlorobenzene		0.16	J	0.13	1.3
1,3-Dichlorobenzene		0.21	U	0.21	1.3
1,4-Dichlorobenzene		0.50	J	0.14	1.3
1,2,4-Trichlorobenzene		0.25	U	0.25	1.3
1,2,3-Trichlorobenzene		0.21	U	0.21	1.3
1,2-Dichloropropane		0.20	U	0.20	1.3
Methylcyclohexane		1.5		0.13	1.3
Tetrachloroethene		0.16	U	0.16	1.3
Xylenes, Total		1.1	J	0.88	2.6
1,2-Dibromo-3-Chloropropane		0.58	U	0.58	1.3
1,1,2,2-Tetrachloroethane		0.12	U	0.12	1.3
1,1,2-Trichloroethane		0.18	U	0.18	1.3

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84761.D
Dilution: 1.0 Initial Weight/Volume: 4.459 g
Analysis Date: 03/13/2014 2326 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1735

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	1.3
1,2-Dibromoethane		0.20	U	0.20	1.3
Dichlorodifluoromethane		0.29	U	0.29	1.3
Bromochloromethane		0.14	U	0.14	1.3
Bromodichloromethane		0.42	U	0.42	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	91		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84761.D
Dilution:	1.0			Initial Weight/Volume:	4.459 g
Analysis Date:	03/13/2014 2326			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1735				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
17301-23-4	Undecane, 2,6-dimethyl-	13.60	43	J N
91-57-6	Naphthalene, 2-methyl-	14.31	110	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	14.38	86	J N
90-12-0	Naphthalene, 1-methyl-	14.44	50	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	14.84	75	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.92	70	J N
	Unknown	15.00	53	J
581-42-0	Naphthalene, 2,6-dimethyl-	15.07	99	J N
573-98-8	Naphthalene, 1,2-dimethyl-	15.17	86	J N
575-37-1	Naphthalene, 1,7-dimethyl-	15.19	48	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84762.D
Dilution:	1.0			Initial Weight/Volume:	4.71 g
Analysis Date:	03/13/2014 2351			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1737				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.20	U	0.20	1.2
Bromomethane		0.53	U	0.53	1.2
Vinyl chloride		0.42	U	0.42	1.2
Chloroethane		0.40	U	0.40	1.2
Methylene Chloride		0.89	J	0.18	1.2
Acetone		34	B	2.1	6.1
Carbon disulfide		0.49	J	0.18	1.2
Trichlorofluoromethane		0.20	U	0.20	1.2
1,1-Dichloroethene		0.23	U	0.23	1.2
1,1-Dichloroethane		0.13	U	0.13	1.2
trans-1,2-Dichloroethene		0.16	U	0.16	1.2
cis-1,2-Dichloroethene		0.13	U	0.13	1.2
Chloroform		3.1		0.29	1.2
2-Butanone		0.77	U	0.77	6.1
1,2-Dichloroethane		0.22	U	0.22	1.2
1,1,1-Trichloroethane		0.16	U	0.16	1.2
Carbon tetrachloride		0.18	U	0.18	1.2
Benzene		0.18	U	0.18	1.2
Bromoform		0.21	U	0.21	1.2
Styrene		0.34	U	0.34	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.22	U	0.22	1.2
Cyclohexane		0.16	U	0.16	1.2
Isopropylbenzene		0.13	U	0.13	1.2
2-Hexanone		0.16	U	0.16	6.1
MTBE		0.13	U	0.13	1.2
Freon TF		0.13	U	0.13	1.2
Methyl acetate		0.39	U	0.39	6.1
1,4-Dioxane		16	U	16	25
Trichloroethene		0.34	J	0.15	1.2
Toluene		0.17	U	0.17	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		0.25	U	0.25	6.1
cis-1,3-Dichloropropene		0.17	U	0.17	1.2
1,2-Dichlorobenzene		2.6		0.12	1.2
1,3-Dichlorobenzene		0.20	U	0.20	1.2
1,4-Dichlorobenzene		4.1		0.13	1.2
1,2,4-Trichlorobenzene		64		0.23	1.2
1,2,3-Trichlorobenzene		12		0.20	1.2
1,2-Dichloropropane		0.18	U	0.18	1.2
Methylcyclohexane		6.4		0.12	1.2
Tetrachloroethene		19		0.15	1.2
Xylenes, Total		13		0.82	2.5
1,2-Dibromo-3-Chloropropane		0.54	U	0.54	1.2
1,1,2,2-Tetrachloroethane		0.11	U	0.11	1.2
1,1,2-Trichloroethane		0.17	U	0.17	1.2

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84762.D
Dilution: 1.0 Initial Weight/Volume: 4.71 g
Analysis Date: 03/13/2014 2351 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1737

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	1.2
1,2-Dibromoethane		0.18	U	0.18	1.2
Dichlorodifluoromethane		0.27	U	0.27	1.2
Bromochloromethane		0.13	U	0.13	1.2
Bromodichloromethane		0.39	U	0.39	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	94		70 - 130
Bromofluorobenzene	82		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84762.D

Dilution: 1.0

Initial Weight/Volume: 4.71 g

Analysis Date: 03/13/2014 2351

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1737

Tentatively Identified Compounds

Number TIC's Found: 10

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.47	360	J N
7667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	6.79	240	J N
50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	7.50	310	J N
4057-42-5	2-Octene, 2,6-dimethyl-	7.82	180	J N
59643-68-4	3,5-Dimethyl-3-heptene	8.01	820	J N
629-89-0	1-Octadecyne	8.33	310	J N
	Unknown	8.47	410	J
1678-97-3	Cyclohexane, 1,2,3-trimethyl-	8.55	490	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.68	590	J N
	Unknown	8.78	650	J

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84781.D
Dilution:	1.0			Initial Weight/Volume:	5.75 g
Analysis Date:	03/14/2014 0758			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1741				

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		0.33	U	0.33	1.0
Methylene Chloride		0.42	J	0.15	1.0
Acetone		8.7	B	1.7	5.1
Carbon disulfide		0.22	J	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		0.78	J	0.24	1.0
2-Butanone		0.64	U	0.64	5.1
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	5.1
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.32	U	0.32	5.1
1,4-Dioxane		13	U	13	20
Trichloroethene		0.14	J	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	5.1
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		1.0		0.19	1.0
1,2,3-Trichlorobenzene		0.51	J	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		0.68	U	0.68	2.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,1,2-Tetrachloroethane		0.091	U	0.091	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84781.D
Dilution: 1.0 Initial Weight/Volume: 5.75 g
Analysis Date: 03/14/2014 0758 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1741

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		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212542

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84781.D

Dilution: 1.0

Initial Weight/Volume: 5.75 g

Analysis Date: 03/14/2014 0758

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1741

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
112-40-3	Dodecane	12.94	11	J N
6044-71-9	Dodecane, 6-methyl-	13.08	7.5	J N
4431-89-4	Cyclohexane, (cyclopentylmethyl)-	13.43	11	J N
26730-14-3	Tridecane, 7-methyl-	13.60	13	J N
629-50-5	Tridecane	13.81	15	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	13.91	8.9	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	14.38	8.7	J N
629-59-4	Tetradecane	14.52	17	J N
646-31-1	Tetracosane	14.92	8.5	J N
629-62-9	Pentadecane	15.14	11	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84787.D
Dilution:	1.0			Initial Weight/Volume:	6.867 g
Analysis Date:	03/14/2014 1026			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1742				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.12	U	0.12	0.78
Bromomethane		0.33	U	0.33	0.78
Vinyl chloride		0.26	U	0.26	0.78
Chloroethane		0.26	U	0.26	0.78
Methylene Chloride		0.55	J	0.12	0.78
Acetone		1800	B	1.3	3.9
Carbon disulfide		0.12	U	0.12	0.78
Trichlorofluoromethane		0.12	U	0.12	0.78
1,1-Dichloroethene		0.15	U	0.15	0.78
1,1-Dichloroethane		0.085	U	0.085	0.78
trans-1,2-Dichloroethene		0.10	U	0.10	0.78
cis-1,2-Dichloroethene		0.085	U	0.085	0.78
Chloroform		0.50	J	0.19	0.78
2-Butanone		290		0.49	3.9
1,2-Dichloroethane		0.14	U	0.14	0.78
1,1,1-Trichloroethane		0.10	U	0.10	0.78
Carbon tetrachloride		0.12	U	0.12	0.78
Benzene		0.19	J	0.12	0.78
Bromoform		0.13	U	0.13	0.78
Styrene		0.22	U	0.22	0.78
Ethylbenzene		0.13	U	0.13	0.78
Chlorobenzene		0.14	U	0.14	0.78
Cyclohexane		0.39	J	0.10	0.78
Isopropylbenzene		0.085	U	0.085	0.78
2-Hexanone		35		0.10	3.9
MTBE		0.085	U	0.085	0.78
Freon TF		0.085	U	0.085	0.78
Methyl acetate		32		0.25	3.9
1,4-Dioxane		9.9	U	9.9	16
Trichloroethene		0.093	U	0.093	0.78
Toluene		0.31	J	0.11	0.78
trans-1,3-Dichloropropene		0.078	U	0.078	0.78
4-Methyl-2-pentanone		9.1		0.16	3.9
cis-1,3-Dichloropropene		0.11	U	0.11	0.78
1,2-Dichlorobenzene		0.078	U	0.078	0.78
1,3-Dichlorobenzene		0.25	J	0.12	0.78
1,4-Dichlorobenzene		1.4		0.085	0.78
1,2,4-Trichlorobenzene		13		0.15	0.78
1,2,3-Trichlorobenzene		0.12	U	0.12	0.78
1,2-Dichloropropane		0.12	U	0.12	0.78
Methylcyclohexane		0.63	J	0.078	0.78
Tetrachloroethene		0.093	U	0.093	0.78
Xylenes, Total		0.52	U	0.52	1.6
1,2-Dibromo-3-Chloropropane		0.34	U	0.34	0.78
1,1,2,2-Tetrachloroethane		0.070	U	0.070	0.78
1,1,2-Trichloroethane		0.11	U	0.11	0.78

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84787.D
Dilution: 1.0 Initial Weight/Volume: 6.867 g
Analysis Date: 03/14/2014 1026 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1742

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.078	U	0.078	0.78
1,2-Dibromoethane		0.12	U	0.12	0.78
Dichlorodifluoromethane		0.17	U	0.17	0.78
Bromochloromethane		0.085	U	0.085	0.78
Bromodichloromethane		0.25	U	0.25	0.78

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84787.D
Dilution:	1.0			Initial Weight/Volume:	6.867 g
Analysis Date:	03/14/2014 1026			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1742				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-75-0	1-Methyldecahydronaphthalene	12.38	130	J N
61142-24-3	Cyclohexane, 1,2,4,5-tetraethyl-, (1.alpha.)	12.62	140	J N
17312-80-0	Undecane, 2,4-dimethyl-	12.85	110	J N
3604-14-6	Naphthalene, decahydro-1,2-dimethyl-	12.97	110	J N
17301-28-9	Undecane, 3,6-dimethyl-	13.10	110	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.35	250	J N
67652-84-0	3,5-Octadiene, 4,5-diethyl-	13.43	180	J N
6975-98-0	Decane, 2-methyl-	13.61	170	J N
	Unknown	13.70	100	J
41446-68-8	3-Tetradecene, (E)-	13.83	160	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84764.D
Dilution:	1.0			Initial Weight/Volume:	6.106 g
Analysis Date:	03/14/2014 0040			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1744				

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		0.62	J	0.14	0.94
Acetone		55	B	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		3.1		0.23	0.94
2-Butanone		5.4		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		0.48	J	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		0.11	U	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		0.14	J	0.094	0.94
1,3-Dichlorobenzene		0.52	J	0.15	0.94
1,4-Dichlorobenzene		2.9		0.10	0.94
1,2,4-Trichlorobenzene		4.9		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		0.21	J	0.094	0.94
Tetrachloroethene		0.11	U	0.11	0.94
Xylenes, Total		1.6	J	0.63	1.9
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84764.D
Dilution: 1.0 Initial Weight/Volume: 6.106 g
Analysis Date: 03/14/2014 0040 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1744

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)	89		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	89		70 - 130
Dibromofluoromethane (Surr)	87		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84764.D
Dilution:	1.0			Initial Weight/Volume:	6.106 g
Analysis Date:	03/14/2014 0040			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1744				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-76-1	Naphthalene, decahydro-2-methyl-	12.14	75	J N
3964-66-7	Cyclohexene, 1-hexyl-	12.97	91	J N
6044-71-9	Dodecane, 6-methyl-	13.08	130	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.34	78	J N
61142-20-9	Cyclohexane, (4-methylpentyl)-	13.43	180	J N
2051-30-1	Octane, 2,6-dimethyl-	13.60	160	J N
41446-60-0	7-Tetradecene, (Z)-	13.83	78	J N
5617-41-4	Heptylcyclohexane	14.25	83	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.39	98	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	110	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84765.D
Dilution:	1.0			Initial Weight/Volume:	6.337 g
Analysis Date:	03/14/2014 0105			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1747				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.93
Bromomethane		0.40	U	0.40	0.93
Vinyl chloride		0.31	U	0.31	0.93
Chloroethane		0.31	U	0.31	0.93
Methylene Chloride		0.82	J	0.14	0.93
Acetone		15	B	1.6	4.6
Carbon disulfide		1.2		0.14	0.93
Trichlorofluoromethane		0.15	U	0.15	0.93
1,1-Dichloroethene		0.18	U	0.18	0.93
1,1-Dichloroethane		0.10	U	0.10	0.93
trans-1,2-Dichloroethene		0.12	U	0.12	0.93
cis-1,2-Dichloroethene		0.10	U	0.10	0.93
Chloroform		9.4		0.22	0.93
2-Butanone		0.58	U	0.58	4.6
1,2-Dichloroethane		0.17	U	0.17	0.93
1,1,1-Trichloroethane		0.12	U	0.12	0.93
Carbon tetrachloride		0.14	U	0.14	0.93
Benzene		0.14	U	0.14	0.93
Bromoform		0.16	U	0.16	0.93
Styrene		0.26	U	0.26	0.93
Ethylbenzene		3.6		0.16	0.93
Chlorobenzene		0.17	U	0.17	0.93
Cyclohexane		0.12	U	0.12	0.93
Isopropylbenzene		0.41	J	0.10	0.93
2-Hexanone		0.12	U	0.12	4.6
MTBE		0.10	U	0.10	0.93
Freon TF		0.10	U	0.10	0.93
Methyl acetate		0.30	U	0.30	4.6
1,4-Dioxane		12	U	12	19
Trichloroethene		0.11	U	0.11	0.93
Toluene		0.14	J	0.13	0.93
trans-1,3-Dichloropropene		0.093	U	0.093	0.93
4-Methyl-2-pentanone		0.19	U	0.19	4.6
cis-1,3-Dichloropropene		0.13	U	0.13	0.93
1,2-Dichlorobenzene		0.10	J	0.093	0.93
1,3-Dichlorobenzene		0.15	U	0.15	0.93
1,4-Dichlorobenzene		0.62	J	0.10	0.93
1,2,4-Trichlorobenzene		0.18	U	0.18	0.93
1,2,3-Trichlorobenzene		0.15	U	0.15	0.93
1,2-Dichloropropane		0.14	U	0.14	0.93
Methylcyclohexane		0.70	J	0.093	0.93
Tetrachloroethene		0.11	U	0.11	0.93
Xylenes, Total		10		0.62	1.9
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.93
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.93
1,1,2-Trichloroethane		0.13	U	0.13	0.93

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84765.D
Dilution: 1.0 Initial Weight/Volume: 6.337 g
Analysis Date: 03/14/2014 0105 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1747

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.24	J	0.093	0.93
1,2-Dibromoethane		0.14	U	0.14	0.93
Dichlorodifluoromethane		0.20	U	0.20	0.93
Bromochloromethane		0.10	U	0.10	0.93
Bromodichloromethane		0.94		0.30	0.93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	93		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	91		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84765.D
Dilution:	1.0			Initial Weight/Volume:	6.337 g
Analysis Date:	03/14/2014 0105			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1747				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.14	16	J N
2547-27-5	trans-4a-Methyl-decahydronaphthalene	12.38	15	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.85	26	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.91	25	J N
91-57-6	Naphthalene, 2-methyl-	14.31	43	J N
90-12-0	Naphthalene, 1-methyl-	14.44	26	J N
21564-91-0	Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	14.84	16	J N
581-40-8	Naphthalene, 2,3-dimethyl-	14.99	16	J N
575-43-9	Naphthalene, 1,6-dimethyl-	15.07	21	J N
575-41-7	Naphthalene, 1,3-dimethyl-	15.17	17	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84801.D
Dilution:	1.0			Initial Weight/Volume:	5.219 g
Analysis Date:	03/14/2014 1624			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1751				

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		1.0		0.15	1.0
Acetone		16	B	1.7	5.1
Carbon disulfide		0.15	U	0.15	1.0
Trichlorofluoromethane		0.16	U	0.16	1.0
1,1-Dichloroethene		0.19	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		0.25	U	0.25	1.0
2-Butanone		0.65	U	0.65	5.1
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		0.29	U	0.29	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	5.1
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	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	5.1
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		3.9		0.11	1.0
1,2,4-Trichlorobenzene		12		0.19	1.0
1,2,3-Trichlorobenzene		3.7		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	2.0
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	1.0
1,1,2,2-Tetrachloroethane		0.092	U	0.092	1.0
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84801.D
Dilution: 1.0 Initial Weight/Volume: 5.219 g
Analysis Date: 03/14/2014 1624 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1751

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)	90		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	97		70 - 130
Dibromofluoromethane (Surr)	91		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84801.D
Dilution:	1.0			Initial Weight/Volume:	5.219 g
Analysis Date:	03/14/2014 1624			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1751				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
17302-32-8	Nonane, 3,7-dimethyl-	14.38	19	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	170	J N
	Unknown	14.82	16	J
634-66-2	Benzene, 1,2,3,4-tetrachloro-	14.87	39	J N
6165-40-8	Pentadecane, 7-methyl-	14.92	20	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.05	19	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	15.14	34	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	15.22	110	J N
20536-40-7	Bicyclo[2.2.1]heptane, 2,2,3-trimethyl-,	15.32	36	J N
54934-95-1	Cyclohexane, 1-(cyclohexylmethyl)-4-ethy	15.41	28	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

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:	J09982.D
Dilution:	50			Initial Weight/Volume:	6.282 g
Analysis Date:	03/14/2014 0533			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1403				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		8.8	U	8.8	91
Bromomethane		16	U	16	91
Vinyl chloride		13	U	13	91
Chloroethane		15	U	15	91
Methylene Chloride		17	U	17	91
Acetone		240	U	240	450
Carbon disulfide		11	U	11	91
Trichlorofluoromethane		13	U	13	91
1,1-Dichloroethene		8.0	U	8.0	91
1,1-Dichloroethane		12	U	12	91
trans-1,2-Dichloroethene		12	U	12	91
cis-1,2-Dichloroethene		16	U	16	91
Chloroform		27	J	7.1	91
2-Butanone		210	U	210	450
1,2-Dichloroethane		17	U	17	91
1,1,1-Trichloroethane		5.7	U	5.7	91
Carbon tetrachloride		5.2	U	5.2	91
Benzene		7.5	U	7.5	91
Bromoform		17	U	17	91
Styrene		11	U	11	91
Ethylbenzene		8.7	U	8.7	91
Chlorobenzene		10	U	10	91
Cyclohexane		14	U	14	91
Isopropylbenzene		7.0	U	7.0	91
2-Hexanone		45	U*	45	450
MTBE		13	U	13	91
Freon TF		7.5	U	7.5	91
Methyl acetate		31	U	31	450
1,4-Dioxane		3300	U	3300	4500
Trichloroethene		8.4	U	8.4	91
Toluene		14	U	14	91
trans-1,3-Dichloropropene		22	U	22	91
4-Methyl-2-pentanone		90	U	90	450
cis-1,3-Dichloropropene		17	U	17	91
1,2-Dichlorobenzene		19	U	19	91
1,3-Dichlorobenzene		12	U	12	91
1,4-Dichlorobenzene		150		21	91
1,2,4-Trichlorobenzene		190		31	91
1,2,3-Trichlorobenzene		47	U	47	91
1,2-Dichloropropane		7.8	U	7.8	91
Methylcyclohexane		12	U	12	91
Tetrachloroethene		8.8	U	8.8	91
Xylenes, Total		99	J	33	180
1,2-Dibromo-3-Chloropropane		36	U	36	91
1,1,2,2-Tetrachloroethane		14	U	14	91
1,1,2-Trichloroethane		17	U	17	91

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

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: J09982.D
Dilution: 50 Initial Weight/Volume: 6.282 g
Analysis Date: 03/14/2014 0533 Final Weight/Volume: 10 mL
Prep Date: 03/08/2014 1403

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	91
1,2-Dibromoethane		25	U	25	91
Dichlorodifluoromethane		20	U	20	91
Bromochloromethane		25	U	25	91
Bromodichloromethane		11	U	11	91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 135
Toluene-d8 (Surr)	89		59 - 150
Bromofluorobenzene	89		72 - 133
Dibromofluoromethane (Surr)	88		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

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:	J09982.D
Dilution:	50			Initial Weight/Volume:	6.282 g
Analysis Date:	03/14/2014 0533			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1403				

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	2900	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	3300	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.66	2800	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.92	5400	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.13	3500	J N
1000217-00-2	1,2-Bis[methyl(trimethylene)silyloxy]pro	12.68	2900	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	12.72	3700	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.85	5200	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.97	4300	J N
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	13.10	4000	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84786.D
Dilution:	1.0			Initial Weight/Volume:	6.532 g
Analysis Date:	03/14/2014 1001			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1754				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.86	J	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		1.1		0.13	0.90
Acetone		12	B	1.5	4.5
Carbon disulfide		0.13	U	0.13	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		0.099	U	0.099	0.90
Chloroform		20		0.22	0.90
2-Butanone		0.57	U	0.57	4.5
1,2-Dichloroethane		0.16	U	0.16	0.90
1,1,1-Trichloroethane		0.12	U	0.12	0.90
Carbon tetrachloride		0.13	U	0.13	0.90
Benzene		0.13	U	0.13	0.90
Bromoform		0.19	J	0.15	0.90
Styrene		0.25	U	0.25	0.90
Ethylbenzene		0.15	U	0.15	0.90
Chlorobenzene		0.16	U	0.16	0.90
Cyclohexane		0.12	U	0.12	0.90
Isopropylbenzene		0.099	U	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		0.11	U	0.11	0.90
Toluene		0.13	U	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		0.090	U	0.090	0.90
1,3-Dichlorobenzene		0.14	U	0.14	0.90
1,4-Dichlorobenzene		0.099	U	0.099	0.90
1,2,4-Trichlorobenzene		0.17	U	0.17	0.90
1,2,3-Trichlorobenzene		0.14	U	0.14	0.90
1,2-Dichloropropane		0.13	U	0.13	0.90
Methylcyclohexane		0.090	U	0.090	0.90
Tetrachloroethene		0.11	U	0.11	0.90
Xylenes, Total		0.60	U	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84786.D
Dilution:	1.0			Initial Weight/Volume:	6.532 g
Analysis Date:	03/14/2014 1001			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1754				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.36	J	0.090	0.90
1,2-Dibromoethane		0.13	U	0.13	0.90
Dichlorodifluoromethane		0.20	U	0.20	0.90
Bromochloromethane		0.099	U	0.099	0.90
Bromodichloromethane		1.3		0.29	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212542

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84786.D

Dilution: 1.0

Initial Weight/Volume: 6.532 g

Analysis Date: 03/14/2014 1001

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1754

Tentatively Identified Compounds

Number TIC's Found: 2

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
918-00-3	2-Propanone, 1,1,1-trichloro-	7.27	4.7	J N
544-76-3	Hexadecane	15.77	5.4	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 460-212436	Instrument ID: CVOAMS12
Prep Method: 5035	Prep Batch: 460-211417	Lab File ID: O84766.D
Dilution: 1.0		Initial Weight/Volume: 4.758 g
Analysis Date: 03/14/2014 0130		Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1757		

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		0.65	J	0.17	1.1
Acetone		7.6	B	1.9	5.6
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		0.15	U	0.15	1.1
cis-1,2-Dichloroethene		0.12	U	0.12	1.1
Chloroform		0.61	J	0.27	1.1
2-Butanone		0.71	U	0.71	5.6
1,2-Dichloroethane		0.20	U	0.20	1.1
1,1,1-Trichloroethane		0.15	U	0.15	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		0.15	U	0.15	1.1
Isopropylbenzene		0.12	U	0.12	1.1
2-Hexanone		0.15	U	0.15	5.6
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.36	U	0.36	5.6
1,4-Dioxane		14	U	14	22
Trichloroethene		0.13	U	0.13	1.1
Toluene		0.16	U	0.16	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.22	U	0.22	5.6
cis-1,3-Dichloropropene		0.16	U	0.16	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		0.21	U	0.21	1.1
1,2,3-Trichlorobenzene		0.18	U	0.18	1.1
1,2-Dichloropropane		0.17	U	0.17	1.1
Methylcyclohexane		0.11	U	0.11	1.1
Tetrachloroethene		0.13	U	0.13	1.1
Xylenes, Total		0.75	U	0.75	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84766.D
Dilution: 1.0 Initial Weight/Volume: 4.758 g
Analysis Date: 03/14/2014 0130 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1757

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		0.25	U	0.25	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.36	U	0.36	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	92		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84766.D

Dilution: 1.0

Initial Weight/Volume: 4.758 g

Analysis Date: 03/14/2014 0130

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1757

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84767.D
Dilution:	1.0			Initial Weight/Volume:	5.608 g
Analysis Date:	03/14/2014 0154			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1759				

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		0.35	U	0.35	1.0
Chloroethane		0.34	U	0.34	1.0
Methylene Chloride		0.65	J	0.16	1.0
Acetone		73	B	1.8	5.2
Carbon disulfide		1.1		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		0.11	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		5.2		0.25	1.0
2-Butanone		15		0.65	5.2
1,2-Dichloroethane		0.19	U	0.19	1.0
1,1,1-Trichloroethane		0.13	U	0.13	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		0.39	J	0.18	1.0
Chlorobenzene		4.3		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	5.2
MTBE		0.11	U	0.11	1.0
Freon TF		0.11	U	0.11	1.0
Methyl acetate		0.33	U	0.33	5.2
1,4-Dioxane		13	U	13	21
Trichloroethene		0.12	U	0.12	1.0
Toluene		0.41	J	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		3.5		0.17	1.0
1,4-Dichlorobenzene		32		0.11	1.0
1,2,4-Trichlorobenzene		30		0.20	1.0
1,2,3-Trichlorobenzene		7.4		0.17	1.0
1,2-Dichloropropane		0.16	U	0.16	1.0
Methylcyclohexane		5.0		0.10	1.0
Tetrachloroethene		0.50	J	0.12	1.0
Xylenes, Total		20		0.70	2.1
1,2-Dibromo-3-Chloropropane		0.46	U	0.46	1.0
1,1,2,2-Tetrachloroethane		0.093	U	0.093	1.0
1,1,2-Trichloroethane		0.15	U	0.15	1.0

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84767.D
Dilution: 1.0 Initial Weight/Volume: 5.608 g
Analysis Date: 03/14/2014 0154 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1759

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		0.11	U	0.11	1.0
Bromodichloromethane		0.33	U	0.33	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84767.D
Dilution:	1.0			Initial Weight/Volume:	5.608 g
Analysis Date:	03/14/2014 0154			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1759				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.46	390	J N
2234-75-5	Cyclohexane, 1,2,4-trimethyl-	6.79	250	J N
1678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	7.49	270	J N
3404-61-3	1-Hexene, 3-methyl-	7.81	140	J N
59643-68-4	3,5-Dimethyl-3-heptene	8.00	750	J N
110-83-8	Cyclohexene	8.33	370	J N
15869-94-0	Octane, 3,6-dimethyl-	8.46	560	J N
872-05-9	1-Decene	8.54	440	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.66	570	J N
74793-36-5	Zinc, bis[2-(1,1-dimethylethyl)-3,3-dime	8.77	660	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84779.D
Dilution:	1.0			Initial Weight/Volume:	6.287 g
Analysis Date:	03/14/2014 0708			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1803				

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		0.94	J	0.14	0.96
Acetone		14	B	1.6	4.8
Carbon disulfide		0.46	J	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		0.78	J	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		0.16	U	0.16	0.96
Chlorobenzene		0.17	U	0.17	0.96
Cyclohexane		0.12	U	0.12	0.96
Isopropylbenzene		0.11	U	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		0.12	U	0.12	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		0.18	U	0.18	0.96
1,2,3-Trichlorobenzene		0.15	U	0.15	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
Methylcyclohexane		0.096	U	0.096	0.96
Tetrachloroethene		0.12	U	0.12	0.96
Xylenes, Total		0.64	U	0.64	1.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.96
1,1,1,2-Tetrachloroethane		0.086	U	0.086	0.96
1,1,2-Trichloroethane		0.13	U	0.13	0.96

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84779.D
Dilution: 1.0 Initial Weight/Volume: 6.287 g
Analysis Date: 03/14/2014 0708 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1803

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)	85		70 - 130
Toluene-d8 (Surr)	88		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212542

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84779.D

Dilution: 1.0

Initial Weight/Volume: 6.287 g

Analysis Date: 03/14/2014 0708

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1803

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84769.D
Dilution:	1.0			Initial Weight/Volume:	6.012 g
Analysis Date:	03/14/2014 0244			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1804				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.90
Bromomethane		0.38	U	0.38	0.90
Vinyl chloride		0.30	U	0.30	0.90
Chloroethane		0.30	U	0.30	0.90
Methylene Chloride		0.88	J	0.13	0.90
Acetone		5.9	B	1.5	4.5
Carbon disulfide		0.13	U	0.13	0.90
Trichlorofluoromethane		0.14	U	0.14	0.90
1,1-Dichloroethene		0.17	U	0.17	0.90
1,1-Dichloroethane		0.098	U	0.098	0.90
trans-1,2-Dichloroethene		0.12	U	0.12	0.90
cis-1,2-Dichloroethene		0.098	U	0.098	0.90
Chloroform		0.21	U	0.21	0.90
2-Butanone		0.56	U	0.56	4.5
1,2-Dichloroethane		0.16	U	0.16	0.90
1,1,1-Trichloroethane		0.12	U	0.12	0.90
Carbon tetrachloride		0.13	U	0.13	0.90
Benzene		0.13	U	0.13	0.90
Bromoform		0.15	U	0.15	0.90
Styrene		0.25	U	0.25	0.90
Ethylbenzene		0.15	U	0.15	0.90
Chlorobenzene		0.16	U	0.16	0.90
Cyclohexane		0.12	U	0.12	0.90
Isopropylbenzene		0.098	U	0.098	0.90
2-Hexanone		0.12	U	0.12	4.5
MTBE		0.098	U	0.098	0.90
Freon TF		0.098	U	0.098	0.90
Methyl acetate		0.29	U	0.29	4.5
1,4-Dioxane		11	U	11	18
Trichloroethene		0.11	U	0.11	0.90
Toluene		0.13	U	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		0.090	U	0.090	0.90
1,3-Dichlorobenzene		0.14	U	0.14	0.90
1,4-Dichlorobenzene		0.098	U	0.098	0.90
1,2,4-Trichlorobenzene		0.17	U	0.17	0.90
1,2,3-Trichlorobenzene		0.14	U	0.14	0.90
1,2-Dichloropropane		0.13	U	0.13	0.90
Methylcyclohexane		0.090	U	0.090	0.90
Tetrachloroethene		0.11	U	0.11	0.90
Xylenes, Total		0.60	U	0.60	1.8
1,2-Dibromo-3-Chloropropane		0.39	U	0.39	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84769.D
Dilution: 1.0 Initial Weight/Volume: 6.012 g
Analysis Date: 03/14/2014 0244 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1804

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.090	U	0.090	0.90
1,2-Dibromoethane		0.13	U	0.13	0.90
Dichlorodifluoromethane		0.20	U	0.20	0.90
Bromochloromethane		0.098	U	0.098	0.90
Bromodichloromethane		0.29	U	0.29	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	92		70 - 130
Dibromofluoromethane (Surr)	87		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84769.D

Dilution: 1.0

Initial Weight/Volume: 6.012 g

Analysis Date: 03/14/2014 0244

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1804

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

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:	J09984.D
Dilution:	50			Initial Weight/Volume:	4.93 g
Analysis Date:	03/14/2014 0622			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1408				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		11	U	11	120
Bromomethane		21	U	21	120
Vinyl chloride		17	U	17	120
Chloroethane		20	U	20	120
Methylene Chloride		21	U	21	120
Acetone		320	U	320	590
Carbon disulfide		15	U	15	120
Trichlorofluoromethane		17	U	17	120
1,1-Dichloroethene		10	U	10	120
1,1-Dichloroethane		15	U	15	120
trans-1,2-Dichloroethene		15	U	15	120
cis-1,2-Dichloroethene		21	U	21	120
Chloroform		9.2	U	9.2	120
2-Butanone		270	U	270	590
1,2-Dichloroethane		22	U	22	120
1,1,1-Trichloroethane		7.3	U	7.3	120
Carbon tetrachloride		6.7	U	6.7	120
Benzene		9.7	U	9.7	120
Bromoform		23	U	23	120
Styrene		14	U	14	120
Ethylbenzene		11	U	11	120
Chlorobenzene		13	U	13	120
Cyclohexane		19	U	19	120
Isopropylbenzene		9.0	U	9.0	120
2-Hexanone		59	U *	59	590
MTBE		16	U	16	120
Freon TF		9.6	U	9.6	120
Methyl acetate		39	U	39	590
1,4-Dioxane		4200	U	4200	5900
Trichloroethene		11	U	11	120
Toluene		18	U	18	120
trans-1,3-Dichloropropene		29	U	29	120
4-Methyl-2-pentanone		120	U	120	590
cis-1,3-Dichloropropene		22	U	22	120
1,2-Dichlorobenzene		24	U	24	120
1,3-Dichlorobenzene		16	U	16	120
1,4-Dichlorobenzene		27	U	27	120
1,2,4-Trichlorobenzene		850		40	120
1,2,3-Trichlorobenzene		250		60	120
1,2-Dichloropropane		10	U	10	120
Methylcyclohexane		16	U	16	120
Tetrachloroethene		82	J	11	120
Xylenes, Total		42	U	42	240
1,2-Dibromo-3-Chloropropane		47	U	47	120
1,1,2,2-Tetrachloroethane		19	U	19	120
1,1,2-Trichloroethane		22	U	22	120

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

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: J09984.D
Dilution: 50 Initial Weight/Volume: 4.93 g
Analysis Date: 03/14/2014 0622 Final Weight/Volume: 10 mL
Prep Date: 03/08/2014 1408

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		23	U	23	120
1,2-Dibromoethane		32	U	32	120
Dichlorodifluoromethane		25	U	25	120
Bromochloromethane		32	U	32	120
Bromodichloromethane		15	U	15	120

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		75 - 135
Toluene-d8 (Surr)	105		59 - 150
Bromofluorobenzene	105		72 - 133
Dibromofluoromethane (Surr)	105		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

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:	J09984.D
Dilution:	50			Initial Weight/Volume:	4.93 g
Analysis Date:	03/14/2014 0622			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1408				

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	2500	J N
2958-75-0	1-Methyldecahydronaphthalene	11.54	2700	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.67	2100	J N
6641-66-3	m-Toluylic acid, cyclohexyl ester	11.91	1300	J N
4706-90-5	Benzene, 1,3-dimethyl-5-(1-methylethyl)-	12.01	3000	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	12.32	1900	J N
54340-88-4	1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	12.46	1900	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.69	1300	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.84	1500	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.96	1300	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84770.D
Dilution:	1.0			Initial Weight/Volume:	5.715 g
Analysis Date:	03/14/2014 0309			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1809				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	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		1.2		0.15	1.0
Acetone		8.4	B	1.7	5.0
Carbon disulfide		0.19	J	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		1.0		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		0.83	J	0.19	1.0
1,2,3-Trichlorobenzene		1.2		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
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84770.D
Dilution: 1.0 Initial Weight/Volume: 5.715 g
Analysis Date: 03/14/2014 0309 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1809

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		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	93		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84770.D
Dilution:	1.0			Initial Weight/Volume:	5.715 g
Analysis Date:	03/14/2014 0309			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1809				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000111-72-1	trans,trans-1,6-Dimethylspiro[4.5]decane	12.97	19	J N
17301-23-4	Undecane, 2,6-dimethyl-	13.08	18	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.34	16	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	13.42	17	J N
2456-28-2	Decane, 1,1'-oxybis-	13.81	22	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	34	J N
629-59-4	Tetradecane	14.52	24	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	21	J N
544-76-3	Hexadecane	14.92	26	J N
13187-99-0	2-Bromo dodecane	15.14	19	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84771.D
Dilution:	1.0			Initial Weight/Volume:	5.862 g
Analysis Date:	03/14/2014 0333			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1812				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.92
Bromomethane		0.40	U	0.40	0.92
Vinyl chloride		0.31	U	0.31	0.92
Chloroethane		0.30	U	0.30	0.92
Methylene Chloride		0.56	J	0.14	0.92
Acetone		2.6	J B	1.6	4.6
Carbon disulfide		0.14	U	0.14	0.92
Trichlorofluoromethane		0.15	U	0.15	0.92
1,1-Dichloroethene		0.17	U	0.17	0.92
1,1-Dichloroethane		0.10	U	0.10	0.92
trans-1,2-Dichloroethene		0.12	U	0.12	0.92
cis-1,2-Dichloroethene		0.10	U	0.10	0.92
Chloroform		0.22	U	0.22	0.92
2-Butanone		0.58	U	0.58	4.6
1,2-Dichloroethane		0.17	U	0.17	0.92
1,1,1-Trichloroethane		0.12	U	0.12	0.92
Carbon tetrachloride		0.14	U	0.14	0.92
Benzene		0.14	U	0.14	0.92
Bromoform		0.16	U	0.16	0.92
Styrene		0.26	U	0.26	0.92
Ethylbenzene		0.16	U	0.16	0.92
Chlorobenzene		0.17	U	0.17	0.92
Cyclohexane		0.12	U	0.12	0.92
Isopropylbenzene		0.10	U	0.10	0.92
2-Hexanone		0.12	U	0.12	4.6
MTBE		0.10	U	0.10	0.92
Freon TF		0.10	U	0.10	0.92
Methyl acetate		0.29	U	0.29	4.6
1,4-Dioxane		12	U	12	18
Trichloroethene		0.13	J	0.11	0.92
Toluene		0.13	U	0.13	0.92
trans-1,3-Dichloropropene		0.092	U	0.092	0.92
4-Methyl-2-pentanone		0.18	U	0.18	4.6
cis-1,3-Dichloropropene		0.13	U	0.13	0.92
1,2-Dichlorobenzene		0.092	U	0.092	0.92
1,3-Dichlorobenzene		0.15	U	0.15	0.92
1,4-Dichlorobenzene		0.10	U	0.10	0.92
1,2,4-Trichlorobenzene		0.17	U	0.17	0.92
1,2,3-Trichlorobenzene		0.15	U	0.15	0.92
1,2-Dichloropropane		0.14	U	0.14	0.92
Methylcyclohexane		0.092	U	0.092	0.92
Tetrachloroethene		0.11	U	0.11	0.92
Xylenes, Total		0.62	U	0.62	1.8
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.92
1,1,2,2-Tetrachloroethane		0.083	U	0.083	0.92
1,1,2-Trichloroethane		0.13	U	0.13	0.92

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 460-212436	Instrument ID: CVOAMS12
Prep Method: 5035	Prep Batch: 460-211417	Lab File ID: O84771.D
Dilution: 1.0		Initial Weight/Volume: 5.862 g
Analysis Date: 03/14/2014 0333		Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1812		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.092	U	0.092	0.92
1,2-Dibromoethane		0.14	U	0.14	0.92
Dichlorodifluoromethane		0.20	U	0.20	0.92
Bromochloromethane		0.10	U	0.10	0.92
Bromodichloromethane		0.29	U	0.29	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	92		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	90		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84771.D

Dilution: 1.0

Initial Weight/Volume: 5.862 g

Analysis Date: 03/14/2014 0333

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1812

Tentatively Identified Compounds

Number TIC's Found: 1

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
7785-70-8	1R-.alpha.-Pinene	8.64	6.7	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84772.D
Dilution:	1.0			Initial Weight/Volume:	5.843 g
Analysis Date:	03/14/2014 0358			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1814				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.15	U	0.15	0.91
Bromomethane		0.39	U	0.39	0.91
Vinyl chloride		0.31	U	0.31	0.91
Chloroethane		0.30	U	0.30	0.91
Methylene Chloride		1.0		0.14	0.91
Acetone		3.2	J B	1.5	4.6
Carbon disulfide		0.14	U	0.14	0.91
Trichlorofluoromethane		0.15	U	0.15	0.91
1,1-Dichloroethene		0.17	U	0.17	0.91
1,1-Dichloroethane		0.10	U	0.10	0.91
trans-1,2-Dichloroethene		0.12	U	0.12	0.91
cis-1,2-Dichloroethene		0.10	U	0.10	0.91
Chloroform		0.22	U	0.22	0.91
2-Butanone		0.57	U	0.57	4.6
1,2-Dichloroethane		0.16	U	0.16	0.91
1,1,1-Trichloroethane		0.12	U	0.12	0.91
Carbon tetrachloride		0.14	U	0.14	0.91
Benzene		0.14	U	0.14	0.91
Bromoform		0.15	U	0.15	0.91
Styrene		0.30	J	0.26	0.91
Ethylbenzene		0.15	U	0.15	0.91
Chlorobenzene		0.16	U	0.16	0.91
Cyclohexane		0.12	U	0.12	0.91
Isopropylbenzene		0.10	U	0.10	0.91
2-Hexanone		0.12	U	0.12	4.6
MTBE		0.10	U	0.10	0.91
Freon TF		0.10	U	0.10	0.91
Methyl acetate		0.29	U	0.29	4.6
1,4-Dioxane		12	U	12	18
Trichloroethene		0.11	U	0.11	0.91
Toluene		0.13	U	0.13	0.91
trans-1,3-Dichloropropene		0.091	U	0.091	0.91
4-Methyl-2-pentanone		0.18	U	0.18	4.6
cis-1,3-Dichloropropene		0.13	U	0.13	0.91
1,2-Dichlorobenzene		0.091	U	0.091	0.91
1,3-Dichlorobenzene		0.15	U	0.15	0.91
1,4-Dichlorobenzene		0.10	U	0.10	0.91
1,2,4-Trichlorobenzene		0.17	U	0.17	0.91
1,2,3-Trichlorobenzene		0.15	U	0.15	0.91
1,2-Dichloropropane		0.14	U	0.14	0.91
Methylcyclohexane		0.091	U	0.091	0.91
Tetrachloroethene		0.11	U	0.11	0.91
Xylenes, Total		0.61	U	0.61	1.8
1,2-Dibromo-3-Chloropropane		0.40	U	0.40	0.91
1,1,2,2-Tetrachloroethane		0.082	U	0.082	0.91
1,1,2-Trichloroethane		0.13	U	0.13	0.91

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84772.D
Dilution: 1.0 Initial Weight/Volume: 5.843 g
Analysis Date: 03/14/2014 0358 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1814

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.091	U	0.091	0.91
1,2-Dibromoethane		0.14	U	0.14	0.91
Dichlorodifluoromethane		0.20	U	0.20	0.91
Bromochloromethane		0.10	U	0.10	0.91
Bromodichloromethane		0.29	U	0.29	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84772.D

Dilution: 1.0

Initial Weight/Volume: 5.843 g

Analysis Date: 03/14/2014 0358

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1814

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

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:	J09985.D
Dilution:	50			Initial Weight/Volume:	7.355 g
Analysis Date:	03/14/2014 0647			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1412				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		7.1	U	7.1	73
Bromomethane		13	U	13	73
Vinyl chloride		11	U	11	73
Chloroethane		12	U	12	73
Methylene Chloride		13	U	13	73
Acetone		200	U	200	370
Carbon disulfide		9.2	U	9.2	73
Trichlorofluoromethane		11	U	11	73
1,1-Dichloroethene		6.5	U	6.5	73
1,1-Dichloroethane		9.6	U	9.6	73
trans-1,2-Dichloroethene		9.4	U	9.4	73
cis-1,2-Dichloroethene		13	U	13	73
Chloroform		5.8	U	5.8	73
2-Butanone		170	U	170	370
1,2-Dichloroethane		14	U	14	73
1,1,1-Trichloroethane		4.6	U	4.6	73
Carbon tetrachloride		4.2	U	4.2	73
Benzene		6.1	U	6.1	73
Bromoform		14	U	14	73
Styrene		8.7	U	8.7	73
Ethylbenzene		840		7.0	73
Chlorobenzene		48	J	8.1	73
Cyclohexane		12	U	12	73
Isopropylbenzene		1500		5.6	73
2-Hexanone		37	U *	37	370
MTBE		10	U	10	73
Freon TF		6.0	U	6.0	73
Methyl acetate		25	U	25	370
1,4-Dioxane		2600	U	2600	3700
Trichloroethene		6.7	U	6.7	73
Toluene		19	J	11	73
trans-1,3-Dichloropropene		18	U	18	73
4-Methyl-2-pentanone		72	U	72	370
cis-1,3-Dichloropropene		13	U	13	73
1,2-Dichlorobenzene		260		15	73
1,3-Dichlorobenzene		86		9.9	73
1,4-Dichlorobenzene		1200		17	73
1,2,4-Trichlorobenzene		190		25	73
1,2,3-Trichlorobenzene		170		38	73
1,2-Dichloropropane		6.3	U	6.3	73
Methylcyclohexane		3700		9.9	73
Tetrachloroethene		7.1	U	7.1	73
Xylenes, Total		8500		26	150
1,2-Dibromo-3-Chloropropane		29	U	29	73
1,1,2,2-Tetrachloroethane		12	U	12	73
1,1,2-Trichloroethane		14	U	14	73

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

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: J09985.D
Dilution: 50 Initial Weight/Volume: 7.355 g
Analysis Date: 03/14/2014 0647 Final Weight/Volume: 10 mL
Prep Date: 03/08/2014 1412

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		15	U	15	73
1,2-Dibromoethane		20	U	20	73
Dichlorodifluoromethane		16	U	16	73
Bromochloromethane		20	U	20	73
Bromodichloromethane		9.2	U	9.2	73

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		75 - 135
Toluene-d8 (Surr)	87		59 - 150
Bromofluorobenzene	88		72 - 133
Dibromofluoromethane (Surr)	85		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

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:	J09985.D
Dilution:	50			Initial Weight/Volume:	7.355 g
Analysis Date:	03/14/2014 0647			Final Weight/Volume:	10 mL
Prep Date:	03/08/2014 1412				

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-	10.35	12000	J N
108-67-8	Benzene, 1,3,5-trimethyl-	10.41	10000	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.69	28000	J N
1074-43-7	Benzene, 1-methyl-3-propyl-	11.12	18000	J N
141-93-5	Benzene, 1,3-diethyl-	11.16	16000	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.40	9000	J N
934-10-1	3-Phenylbut-1-ene	11.48	11000	J N
23747-48-0	5H-5-Methyl-6,7-dihydrocyclopentapyrazin	11.92	18000	J N
91-57-6	Naphthalene, 2-methyl-	13.17	9100	J N
90-12-0	Naphthalene, 1-methyl-	13.34	8300	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84783.D
Dilution:	1.0			Initial Weight/Volume:	5.454 g
Analysis Date:	03/14/2014 0847			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1819				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.17	U	0.17	1.1
Bromomethane		0.46	U	0.46	1.1
Vinyl chloride		0.36	U	0.36	1.1
Chloroethane		0.35	U	0.35	1.1
Methylene Chloride		1.9		0.16	1.1
Acetone		25	B	1.8	5.3
Carbon disulfide		2.5		0.16	1.1
Trichlorofluoromethane		0.17	U	0.17	1.1
1,1-Dichloroethene		0.20	U	0.20	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		4.8		0.26	1.1
2-Butanone		5.4		0.67	5.3
1,2-Dichloroethane		0.19	U	0.19	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		0.18	U	0.18	1.1
Styrene		0.30	U	0.30	1.1
Ethylbenzene		0.18	U	0.18	1.1
Chlorobenzene		0.19	U	0.19	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	5.3
MTBE		0.12	U	0.12	1.1
Freon TF		0.12	U	0.12	1.1
Methyl acetate		0.34	U	0.34	5.3
1,4-Dioxane		14	U	14	21
Trichloroethene		0.33	J	0.13	1.1
Toluene		0.30	J	0.15	1.1
trans-1,3-Dichloropropene		0.11	U	0.11	1.1
4-Methyl-2-pentanone		0.74	J	0.21	5.3
cis-1,3-Dichloropropene		0.15	U	0.15	1.1
1,2-Dichlorobenzene		0.11	U	0.11	1.1
1,3-Dichlorobenzene		0.17	U	0.17	1.1
1,4-Dichlorobenzene		0.12	U	0.12	1.1
1,2,4-Trichlorobenzene		2.4		0.20	1.1
1,2,3-Trichlorobenzene		1.1		0.17	1.1
1,2-Dichloropropane		0.16	U	0.16	1.1
Methylcyclohexane		0.20	J	0.11	1.1
Tetrachloroethene		0.34	J	0.13	1.1
Xylenes, Total		1.1	J	0.71	2.1
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.1
1,1,2,2-Tetrachloroethane		0.096	U	0.096	1.1
1,1,2-Trichloroethane		0.15	U	0.15	1.1

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84783.D
Dilution: 1.0 Initial Weight/Volume: 5.454 g
Analysis Date: 03/14/2014 0847 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1819

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		0.23	U	0.23	1.1
Bromochloromethane		0.12	U	0.12	1.1
Bromodichloromethane		0.34	U	0.34	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	92		70 - 130
Dibromofluoromethane (Surr)	87		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84783.D
Dilution:	1.0			Initial Weight/Volume:	5.454 g
Analysis Date:	03/14/2014 0847			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1819				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	12.14	17	J
2958-75-0	1-Methyldecahydronaphthalene	12.38	17	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.85	19	J N
112-40-3	Dodecane	12.94	16	J N
4292-75-5	Cyclohexane, hexyl-	13.43	22	J N
629-50-5	Tridecane	13.81	21	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	13.91	19	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	16	J N
629-59-4	Tetradecane	14.52	22	J N
544-76-3	Hexadecane	14.92	14	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84788.D
Dilution:	1.0			Initial Weight/Volume:	6.188 g
Analysis Date:	03/14/2014 1051			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1822				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.14	U	0.14	0.86
Bromomethane		0.37	U	0.37	0.86
Vinyl chloride		0.29	U	0.29	0.86
Chloroethane		0.28	U	0.28	0.86
Methylene Chloride		0.25	J	0.13	0.86
Acetone		180	B	1.4	4.3
Carbon disulfide		0.13	U	0.13	0.86
Trichlorofluoromethane		0.14	U	0.14	0.86
1,1-Dichloroethene		0.16	U	0.16	0.86
1,1-Dichloroethane		0.094	U	0.094	0.86
trans-1,2-Dichloroethene		0.11	U	0.11	0.86
cis-1,2-Dichloroethene		0.094	U	0.094	0.86
Chloroform		0.21	J	0.21	0.86
2-Butanone		31		0.54	4.3
1,2-Dichloroethane		0.15	U	0.15	0.86
1,1,1-Trichloroethane		0.11	U	0.11	0.86
Carbon tetrachloride		0.13	U	0.13	0.86
Benzene		0.13	U	0.13	0.86
Bromoform		0.15	U	0.15	0.86
Styrene		0.24	U	0.24	0.86
Ethylbenzene		0.15	U	0.15	0.86
Chlorobenzene		0.15	U	0.15	0.86
Cyclohexane		0.20	J	0.11	0.86
Isopropylbenzene		0.094	U	0.094	0.86
2-Hexanone		3.2	J	0.11	4.3
MTBE		0.094	U	0.094	0.86
Freon TF		0.094	U	0.094	0.86
Methyl acetate		0.27	U	0.27	4.3
1,4-Dioxane		11	U	11	17
Trichloroethene		0.10	U	0.10	0.86
Toluene		0.16	J	0.12	0.86
trans-1,3-Dichloropropene		0.086	U	0.086	0.86
4-Methyl-2-pentanone		1.2	J	0.17	4.3
cis-1,3-Dichloropropene		0.12	U	0.12	0.86
1,2-Dichlorobenzene		0.086	U	0.086	0.86
1,3-Dichlorobenzene		0.24	J	0.14	0.86
1,4-Dichlorobenzene		1.2		0.094	0.86
1,2,4-Trichlorobenzene		7.5		0.16	0.86
1,2,3-Trichlorobenzene		0.14	U	0.14	0.86
1,2-Dichloropropane		0.13	U	0.13	0.86
Methylcyclohexane		0.37	J	0.086	0.86
Tetrachloroethene		0.10	U	0.10	0.86
Xylenes, Total		0.57	U	0.57	1.7
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.86
1,1,2,2-Tetrachloroethane		0.077	U	0.077	0.86
1,1,2-Trichloroethane		0.12	U	0.12	0.86

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84788.D
Dilution: 1.0 Initial Weight/Volume: 6.188 g
Analysis Date: 03/14/2014 1051 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1822

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.086	U	0.086	0.86
1,2-Dibromoethane		0.13	U	0.13	0.86
Dichlorodifluoromethane		0.19	U	0.19	0.86
Bromochloromethane		0.094	U	0.094	0.86
Bromodichloromethane		0.27	U	0.27	0.86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	94		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84788.D
Dilution:	1.0			Initial Weight/Volume:	6.188 g
Analysis Date:	03/14/2014 1051			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1822				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.35	160	J N
	Unknown	13.43	79	J
2051-30-1	Octane, 2,6-dimethyl-	13.60	110	J N
	Unknown	13.69	91	J
41446-68-8	3-Tetradecene, (E)-	13.83	200	J N
61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	13.98	80	J N
	Unknown	14.08	91	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	83	J N
	Unknown	14.41	80	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	190	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212288	Instrument ID:	CVOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A00534.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1318			Final Weight/Volume:	5 mL
Prep Date:	03/13/2014 1318				

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
1,1,1,2-Tetrachloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.19	U	0.19	1.0

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212288	Instrument ID:	CVOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A00534.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1318			Final Weight/Volume:	5 mL
Prep Date:	03/13/2014 1318				

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)	100		70 - 130
Toluene-d8 (Surr)	98		70 - 130
Bromofluorobenzene	103		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212288	Instrument ID:	CVOAMS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	A00534.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/13/2014 1318			Final Weight/Volume:	5 mL
Prep Date:	03/13/2014 1318				

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

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-72180-28TB

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84756.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	03/13/2014 2019			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1827				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	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		10	B	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
1,1,2-Trichloroethane		0.14	U	0.14	1.0

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-72180-28TB

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212436 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84756.D
Dilution: 1.0 Initial Weight/Volume: 5 g
Analysis Date: 03/13/2014 2019 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1827

Analyte	DryWt Corrected: N	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		0.22	U	0.22	1.0
Bromochloromethane		0.11	U	0.11	1.0
Bromodichloromethane		0.32	U	0.32	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-72180-28TB

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-212436

Instrument ID: CVOAMS12

Prep Method: 5035

Prep Batch: 460-211417

Lab File ID: O84756.D

Dilution: 1.0

Initial Weight/Volume: 5 g

Analysis Date: 03/13/2014 2019

Final Weight/Volume: 5 mL

Prep Date: 03/08/2014 1827

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84784.D
Dilution:	1.0			Initial Weight/Volume:	6 g
Analysis Date:	03/14/2014 0912			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1829				

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		0.73	J	0.14	0.96
Acetone		16	B	1.6	4.8
Carbon disulfide		1.1		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		0.13	U	0.13	0.96
cis-1,2-Dichloroethene		0.11	U	0.11	0.96
Chloroform		0.76	J	0.23	0.96
2-Butanone		2.3	J	0.61	4.8
1,2-Dichloroethane		0.17	U	0.17	0.96
1,1,1-Trichloroethane		0.13	U	0.13	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		0.16	U	0.16	0.96
Chlorobenzene		0.17	U	0.17	0.96
Cyclohexane		0.13	U	0.13	0.96
Isopropylbenzene		0.11	U	0.11	0.96
2-Hexanone		0.13	U	0.13	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		0.16	J	0.12	0.96
Toluene		0.16	J	0.14	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		0.14	U	0.14	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		3.1		0.18	0.96
1,2,3-Trichlorobenzene		0.15	U	0.15	0.96
1,2-Dichloropropane		0.14	U	0.14	0.96
Methylcyclohexane		0.16	J	0.096	0.96
Tetrachloroethene		0.33	J	0.12	0.96
Xylenes, Total		0.65	U	0.65	1.9
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.96
1,1,2,2-Tetrachloroethane		0.087	U	0.087	0.96
1,1,2-Trichloroethane		0.14	U	0.14	0.96

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 460-212542 Instrument ID: CVOAMS12
Prep Method: 5035 Prep Batch: 460-211417 Lab File ID: O84784.D
Dilution: 1.0 Initial Weight/Volume: 6 g
Analysis Date: 03/14/2014 0912 Final Weight/Volume: 5 mL
Prep Date: 03/08/2014 1829

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)	95		70 - 130
Toluene-d8 (Surr)	96		70 - 130
Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-211417	Lab File ID:	O84784.D
Dilution:	1.0			Initial Weight/Volume:	6 g
Analysis Date:	03/14/2014 0912			Final Weight/Volume:	5 mL
Prep Date:	03/08/2014 1829				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1000152-47-3	trans-Decalin, 2-methyl-	12.14	28	J N
66633-38-3	Cyclodecene, 1-methyl-	12.98	34	J N
66660-43-3	trans, cis-3-Ethylbicyclo[4.4.0]decane	13.42	27	J N
2051-30-1	Octane, 2,6-dimethyl-	13.60	54	J N
2456-28-2	Decane, 1,1'-oxybis-	13.81	32	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	50	J N
629-59-4	Tetradecane	14.52	37	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	31	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	14.92	35	J N
544-76-3	Hexadecane	15.14	28	J N

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147891.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0908			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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]		41	U	41	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		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		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	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		55	U	55	370
4-Nitrophenol		240	U	240	370
2,4-Dinitrophenol		210	U	210	760
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	760
4-Bromophenyl phenyl ether		37	U	37	370

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147891.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0908			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		48	U	48	370
Pentachlorophenol		110	U	110	760
Pyrene		31	U	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	370
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	77		40 - 106
Phenol-d5	83		44 - 104
Terphenyl-d14	115		41 - 145
2,4,6-Tribromophenol	69		19 - 114
2-Fluorophenol	75		39 - 103
2-Fluorobiphenyl	82		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212016

Instrument ID: CBNAMS12

Prep Method: 3541

Prep Batch: 460-211814

Lab File ID: L1147891.D

Dilution: 1.0

Initial Weight/Volume: 15.02 g

Analysis Date: 03/12/2014 0908

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0837

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	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147902.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1342			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		8.5	U	8.5	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	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		230	U	230	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		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	710
4-Bromophenyl phenyl ether		35	U	35	350

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147902.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1342			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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	710
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	350
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	82		40 - 106
Phenol-d5	85		44 - 104
Terphenyl-d14	108		41 - 145
2,4,6-Tribromophenol	52		19 - 114
2-Fluorophenol	79		39 - 103
2-Fluorobiphenyl	90		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212016

Instrument ID: CBNAMS12

Prep Method: 3541

Prep Batch: 460-211814

Lab File ID: L1147902.D

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Analysis Date: 03/12/2014 1342

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0837

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: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147903.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1406			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		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		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		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		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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-212016	Instrument ID: CBNAMS12	
Prep Method: 3541	Prep Batch: 460-211814	Lab File ID: L1147903.D	
Dilution: 5.0		Initial Weight/Volume: 15.03 g	
Analysis Date: 03/12/2014 1406		Final Weight/Volume: 1 mL	
Prep Date: 03/11/2014 0837		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		320	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		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	80			40 - 106	
Phenol-d5	74			44 - 104	
Terphenyl-d14	93			41 - 145	
2,4,6-Tribromophenol	53			19 - 114	
2-Fluorophenol	71			39 - 103	
2-Fluorobiphenyl	95			49 - 112	

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147903.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1406			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Tentatively Identified Compounds Number TIC's Found: 15

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-59-4	Tetradecane	6.25	6800	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	6.58	9800	J N
14905-56-7	Tetradecane, 2,6,10-trimethyl-	7.04	4600	J N
112-40-3	Dodecane	7.10	6500	J N
544-76-3	Hexadecane	7.28	15000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.50	9000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.77	45000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.94	5200	J N
629-78-7	Heptadecane	8.19	18000	J N
629-62-9	Pentadecane	8.36	4500	J N
55045-08-4	Dodecane, 2-methyl-6-propyl-	8.61	14000	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.67	4200	J N
629-50-5	Tridecane	8.77	3200	J N
112-95-8	Eicosane	9.01	5300	J N
544-76-3	Hexadecane	9.39	5000	J N

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147892.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0933			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U*	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		95	U	95	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	390
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	390
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	390
2,4-Dinitrophenol		220	U	220	780
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		49	U	49	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	780
4-Bromophenyl phenyl ether		38	U	38	390

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147892.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 0933			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	780
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	390
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		40 - 106
Phenol-d5	76		44 - 104
Terphenyl-d14	109		41 - 145
2,4,6-Tribromophenol	65		19 - 114
2-Fluorophenol	68		39 - 103
2-Fluorobiphenyl	77		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212016

Instrument ID: CBNAMS12

Prep Method: 3541

Prep Batch: 460-211814

Lab File ID: L1147892.D

Dilution: 1.0

Initial Weight/Volume: 15.02 g

Analysis Date: 03/12/2014 0933

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0837

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	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147893.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 0958			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		64	U	64	380
4-Methylphenol		74	U	74	380
Benzaldehyde		44	U	44	380
Acetophenone		58	U	58	380
Bis(2-chloroethyl)ether		5.1	U	5.1	38
2,2'-oxybis[1-chloropropane]		42	U	42	380
N-Nitrosodi-n-propylamine		6.3	U	6.3	38
Nitrobenzene		5.3	U *	5.3	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	76
Caprolactam		87	U	87	380
4-Chloro-3-methylphenol		57	U	57	380
2-Methylnaphthalene		48	U	48	380
Hexachlorobenzene		5.1	U	5.1	38
Hexachlorocyclopentadiene		44	U	44	380
2,4,6-Trichlorophenol		44	U	44	380
2,4,5-Trichlorophenol		49	U	49	380
Diphenyl		50	U	50	380
2-Chloronaphthalene		42	U	42	380
2-Nitroaniline		160	U	160	380
2,6-Dinitrotoluene		11	U	11	76
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		130	U	130	380
Acenaphthene		55	U	55	380
4-Nitrophenol		240	U	240	380
2,4-Dinitrophenol		210	U	210	760
Dibenzofuran		44	U	44	380
Diethyl phthalate		45	U	45	380
Fluorene		48	U	48	380
Fluoranthene		50	U	50	380
Di-n-butyl phthalate		46	U	46	380
2,4-Dinitrotoluene		12	U	12	76
4-Chlorophenyl phenyl ether		44	U	44	380
4-Nitroaniline		120	U	120	760
4,6-Dinitro-2-methylphenol		100	U	100	760
4-Bromophenyl phenyl ether		37	U	37	380

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147893.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 0958			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	380
Anthracene		46	U	46	380
Carbazole		45	U	45	380
Phenanthrene		48	U	48	380
Pentachlorophenol		110	U	110	760
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		34	U	34	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		4.7	U	4.7	38
3,3'-Dichlorobenzidine		130	U	130	380
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		75		40 - 106	
Phenol-d5		78		44 - 104	
Terphenyl-d14		109		41 - 145	
2,4,6-Tribromophenol		64		19 - 114	
2-Fluorophenol		72		39 - 103	
2-Fluorobiphenyl		81		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212016

Instrument ID: CBNAMS12

Prep Method: 3541

Prep Batch: 460-211814

Lab File ID: L1147893.D

Dilution: 1.0

Initial Weight/Volume: 15.04 g

Analysis Date: 03/12/2014 0958

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0837

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	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147899.D
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1228			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		100	U	100	750
2-Chlorophenol		99	U	99	750
2-Methylphenol		130	U	130	750
4-Methylphenol		150	U	150	750
Benzaldehyde		88	U	88	750
Acetophenone		120	U	120	750
Bis(2-chloroethyl)ether		10	U	10	75
2,2'-oxybis[1-chloropropane]		83	U	83	750
N-Nitrosodi-n-propylamine		13	U	13	75
Nitrobenzene		11	U*	11	75
Hexachloroethane		8.4	U	8.4	75
Isophorone		91	U	91	750
2-Nitrophenol		84	U	84	750
2,4-Dimethylphenol		190	U	190	750
2,4-Dichlorophenol		110	U	110	750
Bis(2-chloroethoxy)methane		97	U	97	750
Naphthalene		87	U	87	750
4-Chloroaniline		200	U	200	750
Hexachlorobutadiene		18	U	18	150
Caprolactam		170	U	170	750
4-Chloro-3-methylphenol		110	U	110	750
2-Methylnaphthalene		97	U	97	750
Hexachlorobenzene		10	U	10	75
Hexachlorocyclopentadiene		88	U	88	750
2,4,6-Trichlorophenol		88	U	88	750
2,4,5-Trichlorophenol		97	U	97	750
Diphenyl		100	U	100	750
2-Chloronaphthalene		84	U	84	750
2-Nitroaniline		310	U	310	750
2,6-Dinitrotoluene		23	U	23	150
Dimethyl phthalate		89	U	89	750
Acenaphthylene		89	U	89	750
3-Nitroaniline		270	U	270	750
Acenaphthene		110	U	110	750
4-Nitrophenol		480	U	480	750
2,4-Dinitrophenol		430	U	430	1500
Dibenzofuran		88	U	88	750
Diethyl phthalate		89	U	89	750
Fluorene		96	U	96	750
Fluoranthene		130	J	100	750
Di-n-butyl phthalate		93	U	93	750
2,4-Dinitrotoluene		25	U	25	150
4-Chlorophenyl phenyl ether		88	U	88	750
4-Nitroaniline		230	U	230	1500
4,6-Dinitro-2-methylphenol		200	U	200	1500
4-Bromophenyl phenyl ether		74	U	74	750

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-212016	Instrument ID: CBNAMS12	
Prep Method: 3541	Prep Batch: 460-211814	Lab File ID: L1147899.D	
Dilution: 2.0		Initial Weight/Volume: 15.03 g	
Analysis Date: 03/12/2014 1228		Final Weight/Volume: 1 mL	
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		120	U	120	750
Anthracene		91	U	91	750
Carbazole		89	U	89	750
Phenanthrene		1500		96	750
Pentachlorophenol		220	U	220	1500
Pyrene		440	J	63	750
Chrysene		88	U	88	750
Benzo[k]fluoranthene		5.7	U	5.7	75
Benzo[g,h,i]perylene		56	U	56	750
Benzo[b]fluoranthene		4.7	U	4.7	75
Benzo[a]pyrene		5.3	U	5.3	75
Benzo[a]anthracene		5.2	U	5.2	75
N-Nitrosodiphenylamine		74	U	74	750
Butyl benzyl phthalate		69	U	69	750
Bis(2-ethylhexyl) phthalate		250	U	250	750
Di-n-octyl phthalate		48	U	48	750
Indeno[1,2,3-cd]pyrene		14	U	14	75
Dibenz(a,h)anthracene		9.5	U	9.5	75
3,3'-Dichlorobenzidine		260	U	260	750
1,2,4,5-Tetrachlorobenzene		100	U	100	750
2,3,4,6-Tetrachlorophenol		98	U	98	750
Surrogate		%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5		85		40 - 106	
Phenol-d5		81		44 - 104	
Terphenyl-d14		90		41 - 145	
2,4,6-Tribromophenol		65		19 - 114	
2-Fluorophenol		75		39 - 103	
2-Fluorobiphenyl		94		49 - 112	

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147899.D
Dilution:	2.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1228			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Tentatively Identified Compounds Number TIC's Found: 15

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	5.88	3300	J
581-40-8	Naphthalene, 2,3-dimethyl-	6.45	7800	J N
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	6.58	10000	J N
	Unknown	6.70	3400	J
2027-17-0	Naphthalene, 2-(1-methylethyl)-	6.90	4100	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.00	4400	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.04	5200	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.11	6500	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.22	4200	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.33	6500	J N
	Unknown	7.38	6800	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.51	6500	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.77	11000	J N
55045-11-9	Tridecane, 5-propyl-	7.94	3000	J N
	Unknown	8.57	6700	J

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147900.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1253			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		5.3	U	5.3	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		50	U	50	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		46	U	46	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		65	J	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		48	U	48	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147900.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1253			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	380
Anthracene		47	U	47	380
Carbazole		46	U	46	380
Phenanthrene		350	J	49	380
Pentachlorophenol		120	U	120	780
Pyrene		40	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		29	U	29	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		4.9	U	4.9	38
3,3'-Dichlorobenzidine		140	U	140	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		86		40 - 106	
Phenol-d5		87		44 - 104	
Terphenyl-d14		109		41 - 145	
2,4,6-Tribromophenol		77		19 - 114	
2-Fluorophenol		81		39 - 103	
2-Fluorobiphenyl		98		49 - 112	

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147900.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1253			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Tentatively Identified Compounds Number TIC's Found: 15

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.10	560	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.21	510	J N
112-40-3	Dodecane	7.33	540	J N
	Unknown	7.37	750	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.49	1600	J N
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	7.70	500	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.75	2500	J N
	Unknown	7.89	660	J
629-62-9	Pentadecane	7.93	610	J N
132-65-0	Dibenzothiophene	8.11	410	J N
593-49-7	Heptacosane	8.56	670	J N
4860-03-1	Hexadecane, 1-chloro-	8.65	540	J N
610-48-0	Anthracene, 1-methyl-	8.77	700	J N
1207-15-4	2,8-Dimethyldibenzo(b,d)thiophene	9.05	400	J N
2789-88-0	di-p-Tolylacetylene	9.32	360	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAM512
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147898.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1203			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147898.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1203			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			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		270	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	75		40 - 106
Phenol-d5	80		44 - 104
Terphenyl-d14	98		41 - 145
2,4,6-Tribromophenol	63		19 - 114
2-Fluorophenol	74		39 - 103
2-Fluorobiphenyl	95		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212016	Instrument ID:	CBNAMS12
Prep Method:	3541	Prep Batch:	460-211814	Lab File ID:	L1147898.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1203			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0837			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.15	13000	J
629-59-4	Tetradecane	6.25	5300	J N
17312-62-8	Decane, 5-propyl-	6.57	6800	J N
112-40-3	Dodecane	7.10	7300	J N
544-76-3	Hexadecane	7.28	12000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.50	8300	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	7.76	71000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.93	10000	J N
	Unknown	8.06	9400	J
629-62-9	Pentadecane	8.19	43000	J N
	Unknown	8.37	8500	J
55045-08-4	Dodecane, 2-methyl-6-propyl-	8.61	23000	J N
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	8.67	7600	J N
832-69-9	Phenanthrene, 1-methyl-	8.77	7500	J N
112-95-8	Eicosane	9.01	8500	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94474.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1036			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		5.3	U	5.3	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		70	J	50	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	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	380
Acenaphthylene		46	U	46	380
3-Nitroaniline		140	U	140	780
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		46	U	46	380
Fluorene		290	J	49	380
Fluoranthene		51	U	51	380
Di-n-butyl phthalate		48	U	48	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		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	380

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94474.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1036			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	380
Anthracene		47	U	47	380
Carbazole		46	U	46	380
Phenanthrene		510		49	380
Pentachlorophenol		120	U	120	1200
Pyrene		160	J	32	380
Chrysene		45	U	45	380
Benzo[k]fluoranthene		2.9	U	2.9	38
Benzo[g,h,i]perylene		29	U	29	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		4.9	U	4.9	38
3,3'-Dichlorobenzidine		140	U	140	780
1,2,4,5-Tetrachlorobenzene		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380
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Surrogate		%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5		94		40 - 106	
Phenol-d5		97		44 - 104	
Terphenyl-d14		102		41 - 145	
2,4,6-Tribromophenol		118	X	19 - 114	
2-Fluorophenol		87		39 - 103	
2-Fluorobiphenyl		105		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94474.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1036			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	6.14	3400	J
629-50-5	Tridecane	6.31	3700	J N
	Unknown	7.73	2500	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.41	20000	J N
	Unknown	8.57	8000	J
	Unknown	8.69	6000	J
593-45-3	n-Octadecane	8.82	17000	E
	Unknown alkane	9.11	8500	J
629-92-5	Nonadecane	9.23	12000	J N
	Unknown	9.40	3200	J
112-95-8	Eicosane	9.62	4400	J N
	Unknown	9.88	4800	J
629-94-7	Heneicosane	9.99	2900	J N
	Unknown alkane	10.72	4200	J
629-78-7	Heptadecane	10.86	3700	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM54
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94506.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/13/2014 0856			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		240	U	240	1800
2-Chlorophenol		230	U	230	1800
2-Methylphenol		300	U	300	1800
4-Methylphenol		350	U	350	1800
Benzaldehyde		210	U	210	1800
Acetophenone		270	U	270	1800
Bis(2-chloroethyl)ether		24	U	24	180
2,2'-oxybis[1-chloropropane]		190	U	190	1800
N-Nitrosodi-n-propylamine		29	U	29	180
Nitrobenzene		25	U *	25	180
Hexachloroethane		20	U	20	180
Isophorone		210	U	210	1800
2-Nitrophenol		200	U	200	1800
2,4-Dimethylphenol		430	U	430	1800
2,4-Dichlorophenol		260	U	260	1800
Bis(2-chloroethoxy)methane		230	U	230	1800
Naphthalene		200	U	200	1800
4-Chloroaniline		470	U	470	1800
Hexachlorobutadiene		43	U	43	360
Caprolactam		410	U	410	1800
4-Chloro-3-methylphenol		270	U	270	1800
2-Methylnaphthalene		230	U	230	1800
Hexachlorobenzene		24	U	24	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		730	U	730	1800
2,6-Dinitrotoluene		53	U	53	360
Dimethyl phthalate		210	U	210	1800
Acenaphthylene		210	U	210	1800
3-Nitroaniline		620	U	620	1800
Acenaphthene		260	U	260	1800
4-Nitrophenol		1100	U	1100	1800
2,4-Dinitrophenol		1000	U	1000	3600
Dibenzofuran		210	U	210	1800
Diethyl phthalate		210	U	210	1800
Fluorene		230	U	230	1800
Fluoranthene		230	U	230	1800
Di-n-butyl phthalate		220	U	220	1800
2,4-Dinitrotoluene		58	U	58	360
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		550	U	550	3600
4,6-Dinitro-2-methylphenol		480	U	480	3600
4-Bromophenyl phenyl ether		170	U	170	1800

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94506.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/13/2014 0856			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1800
Anthracene		210	U	210	1800
Carbazole		210	U	210	1800
Phenanthrene		220	U	220	1800
Pentachlorophenol		530	U	530	3600
Pyrene		150	U	150	1800
Chrysene		210	U	210	1800
Benzo[k]fluoranthene		13	U	13	180
Benzo[g,h,i]perylene		130	U	130	1800
Benzo[b]fluoranthene		11	U	11	180
Benzo[a]pyrene		12	U	12	180
Benzo[a]anthracene		12	U	12	180
N-Nitrosodiphenylamine		170	U	170	1800
Butyl benzyl phthalate		160	U	160	1800
Bis(2-ethylhexyl) phthalate		590	U	590	1800
Di-n-octyl phthalate		110	U	110	1800
Indeno[1,2,3-cd]pyrene		33	U	33	180
Dibenz(a,h)anthracene		22	U	22	180
3,3'-Dichlorobenzidine		620	U	620	1800
1,2,4,5-Tetrachlorobenzene		240	U	240	1800
2,3,4,6-Tetrachlorophenol		230	U	230	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	65		40 - 106
Phenol-d5	75		44 - 104
Terphenyl-d14	93		41 - 145
2,4,6-Tribromophenol	76		19 - 114
2-Fluorophenol	71		39 - 103
2-Fluorobiphenyl	92		49 - 112

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94506.D
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/13/2014 0856			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds Number TIC's Found: 14

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.84	5600	J
192823-15-7	Decane, 2,3,5,8-tetramethyl-	7.18	8800	J N
	Unknown	7.33	7300	J
544-76-3	Hexadecane	7.88	6400	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	12000	J N
	Unknown	8.30	9200	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	44000	J N
	Unknown	8.49	5000	J
	Unknown alkane	8.54	7000	J
544-76-3	Hexadecane	8.79	6300	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.82	23000	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.16	9400	J N
629-92-5	Nonadecane	9.20	5500	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.24	5200	J N

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94475.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1059			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		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		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		45	U	45	380
Diethyl phthalate		45	U	45	380
Fluorene		49	U	49	380
Fluoranthene		53	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	1100
4-Bromophenyl phenyl ether		38	U	38	380

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94475.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1059			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		120	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		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		7.1	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		49	U	49	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	64		40 - 106
Phenol-d5	80		44 - 104
Terphenyl-d14	85		41 - 145
2,4,6-Tribromophenol	91		19 - 114
2-Fluorophenol	70		39 - 103
2-Fluorobiphenyl	82		49 - 112

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94475.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1059			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.40	2100	J
	Unknown	6.92	1900	J
629-59-4	Tetradecane	7.20	5100	J N
	Unknown	7.73	7700	J
544-76-3	Hexadecane	8.12	4900	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.40	12000	J N
	Unknown	8.59	6500	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.84	6100	J N
4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.03	3700	J N
7225-66-3	Tridecane, 7-hexyl-	9.18	3900	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.26	4900	J N
	Unknown	9.52	4400	J
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	10.03	3000	J N
74472-35-8	1,1'-Biphenyl, 2,3,3',4,6-Pentachloro-	10.70	2400	J N
	Unknown	10.87	2100	J

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94511.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 1048			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		59	U	59	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U *	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		96	U	96	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		58	U	58	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	390
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	390
Acenaphthene		56	U	56	390
4-Nitrophenol		250	U	250	390
2,4-Dinitrophenol		220	U	220	780
Dibenzofuran		45	U	45	390
Diethyl phthalate		46	U	46	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	78
4-Chlorophenyl phenyl ether		45	U	45	390
4-Nitroaniline		120	U	120	780
4,6-Dinitro-2-methylphenol		110	U	110	780
4-Bromophenyl phenyl ether		38	U	38	390

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94511.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 1048			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	780
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.4	U	2.4	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		35	U	35	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	390
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390
Surrogate		%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5		69		40 - 106	
Phenol-d5		91		44 - 104	
Terphenyl-d14		109		41 - 145	
2,4,6-Tribromophenol		102		19 - 114	
2-Fluorophenol		78		39 - 103	
2-Fluorobiphenyl		88		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94511.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 1048			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	7.63	180	J
	Unknown	7.92	910	J
1000130-75-8	Z-2-Tridecen-1-ol	8.09	570	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.35	860	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.81	500	J N
	Unknown	10.01	350	J

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM54
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94507.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 0918			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		240	U	240	1800
2-Chlorophenol		230	U	230	1800
2-Methylphenol		300	U	300	1800
4-Methylphenol		350	U	350	1800
Benzaldehyde		210	U	210	1800
Acetophenone		270	U	270	1800
Bis(2-chloroethyl)ether		24	U	24	180
2,2'-oxybis[1-chloropropane]		200	U	200	1800
N-Nitrosodi-n-propylamine		29	U	29	180
Nitrobenzene		25	U *	25	180
Hexachloroethane		20	U	20	180
Isophorone		210	U	210	1800
2-Nitrophenol		200	U	200	1800
2,4-Dimethylphenol		440	U	440	1800
2,4-Dichlorophenol		260	U	260	1800
Bis(2-chloroethoxy)methane		230	U	230	1800
Naphthalene		200	U	200	1800
4-Chloroaniline		470	U	470	1800
Hexachlorobutadiene		43	U	43	360
Caprolactam		410	U	410	1800
4-Chloro-3-methylphenol		270	U	270	1800
2-Methylnaphthalene		230	U	230	1800
Hexachlorobenzene		24	U	24	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		740	U	740	1800
2,6-Dinitrotoluene		53	U	53	360
Dimethyl phthalate		210	U	210	1800
Acenaphthylene		210	U	210	1800
3-Nitroaniline		620	U	620	1800
Acenaphthene		260	U	260	1800
4-Nitrophenol		1100	U	1100	1800
2,4-Dinitrophenol		1000	U	1000	3600
Dibenzofuran		210	U	210	1800
Diethyl phthalate		210	U	210	1800
Fluorene		230	U	230	1800
Fluoranthene		240	U	240	1800
Di-n-butyl phthalate		220	U	220	1800
2,4-Dinitrotoluene		58	U	58	360
4-Chlorophenyl phenyl ether		210	U	210	1800
4-Nitroaniline		550	U	550	3600
4,6-Dinitro-2-methylphenol		480	U	480	3600
4-Bromophenyl phenyl ether		180	U	180	1800

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94507.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 0918			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		270	U	270	1800
Anthracene		210	U	210	1800
Carbazole		210	U	210	1800
Phenanthrene		220	U	220	1800
Pentachlorophenol		530	U	530	3600
Pyrene		150	U	150	1800
Chrysene		210	U	210	1800
Benzo[k]fluoranthene		13	U	13	180
Benzo[g,h,i]perylene		130	U	130	1800
Benzo[b]fluoranthene		11	U	11	180
Benzo[a]pyrene		12	U	12	180
Benzo[a]anthracene		12	U	12	180
N-Nitrosodiphenylamine		170	U	170	1800
Butyl benzyl phthalate		160	U	160	1800
Bis(2-ethylhexyl) phthalate		590	U	590	1800
Di-n-octyl phthalate		110	U	110	1800
Indeno[1,2,3-cd]pyrene		33	U	33	180
Dibenz(a,h)anthracene		22	U	22	180
3,3'-Dichlorobenzidine		620	U	620	1800
1,2,4,5-Tetrachlorobenzene		240	U	240	1800
2,3,4,6-Tetrachlorophenol		230	U	230	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	71		40 - 106
Phenol-d5	79		44 - 104
Terphenyl-d14	102		41 - 145
2,4,6-Tribromophenol	47		19 - 114
2-Fluorophenol	68		39 - 103
2-Fluorobiphenyl	87		49 - 112

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94507.D
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 0918			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.83	3900	J N
192823-15-7	Decane, 2,3,5,8-tetramethyl-	7.18	3300	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.33	5200	J N
544-76-3	Hexadecane	7.88	6200	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	9100	J N
55045-11-9	Tridecane, 5-propyl-	8.36	39000	J N
	Unknown alkane	8.54	5700	J
	Unknown	8.70	2300	J
593-45-3	Octadecane	8.79	6800	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.81	14000	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.16	4000	J N
629-92-5	Nonadecane	9.20	6300	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.50	3500	J N
112-95-8	Eicosane	9.59	3500	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.66	5200	J N

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM54
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94508.D
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0941			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		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		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		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		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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-212262	Instrument ID: CBNAMS4
Prep Method: 3541	Prep Batch: 460-211817	Lab File ID: U94508.D
Dilution: 5.0		Initial Weight/Volume: 15.00 g
Analysis Date: 03/13/2014 0941		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		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		1000	J	240	1900
Pentachlorophenol		560	U	560	3800
Pyrene		260	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		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	47		40 - 106
Phenol-d5	63		44 - 104
Terphenyl-d14	94		41 - 145
2,4,6-Tribromophenol	53		19 - 114
2-Fluorophenol	52		39 - 103
2-Fluorobiphenyl	82		49 - 112

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94508.D
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0941			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.80	14000	J
	Unknown alkane	6.87	9100	J
544-76-3	Hexadecane	7.89	12000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	11000	J N
	Unknown	8.18	12000	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	110000	J N
	Unknown alkane	8.54	21000	J
	Unknown	8.67	14000	J
	Unknown	8.82	33000	J
	Unknown	8.96	76000	J
629-59-4	Tetradecane	9.21	67000	J N
949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihyd	9.39	15000	J N
	Unknown	9.45	23000	J
112-95-8	Eicosane	9.60	13000	J N
1560-89-0	Heptadecane, 2-methyl-	9.87	18000	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94484.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1422			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	390
2-Chlorophenol		51	U	51	390
2-Methylphenol		66	U	66	390
4-Methylphenol		76	U	76	390
Benzaldehyde		46	U	46	390
Acetophenone		60	U	60	390
Bis(2-chloroethyl)ether		5.3	U	5.3	39
2,2'-oxybis[1-chloropropane]		43	U	43	390
N-Nitrosodi-n-propylamine		6.5	U	6.5	39
Nitrobenzene		5.5	U*	5.5	39
Hexachloroethane		4.3	U	4.3	39
Isophorone		47	U	47	390
2-Nitrophenol		43	U	43	390
2,4-Dimethylphenol		96	U	96	390
2,4-Dichlorophenol		57	U	57	390
Bis(2-chloroethoxy)methane		50	U	50	390
Naphthalene		45	U	45	390
4-Chloroaniline		100	U	100	390
Hexachlorobutadiene		9.5	U	9.5	79
Caprolactam		89	U	89	390
4-Chloro-3-methylphenol		59	U	59	390
2-Methylnaphthalene		50	U	50	390
Hexachlorobenzene		5.3	U	5.3	39
Hexachlorocyclopentadiene		46	U	46	390
2,4,6-Trichlorophenol		45	U	45	390
2,4,5-Trichlorophenol		50	U	50	390
Diphenyl		52	U	52	390
2-Chloronaphthalene		43	U	43	390
2-Nitroaniline		160	U	160	790
2,6-Dinitrotoluene		12	U	12	79
Dimethyl phthalate		46	U	46	390
Acenaphthylene		46	U	46	390
3-Nitroaniline		140	U	140	790
Acenaphthene		57	U	57	390
4-Nitrophenol		250	U	250	1200
2,4-Dinitrophenol		220	U	220	1200
Dibenzofuran		46	U	46	390
Diethyl phthalate		46	U	46	390
Fluorene		50	U	50	390
Fluoranthene		52	U	52	390
Di-n-butyl phthalate		48	U	48	390
2,4-Dinitrotoluene		13	U	13	79
4-Chlorophenyl phenyl ether		46	U	46	390
4-Nitroaniline		120	U	120	790
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		38	U	38	390

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94484.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1422			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		60	U	60	390
Anthracene		47	U	47	390
Carbazole		46	U	46	390
Phenanthrene		49	U	49	390
Pentachlorophenol		120	U	120	1200
Pyrene		32	U	32	390
Chrysene		45	U	45	390
Benzo[k]fluoranthene		2.9	U	2.9	39
Benzo[g,h,i]perylene		29	U	29	390
Benzo[b]fluoranthene		2.5	U	2.5	39
Benzo[a]pyrene		2.7	U	2.7	39
Benzo[a]anthracene		2.7	U	2.7	39
N-Nitrosodiphenylamine		38	U	38	390
Butyl benzyl phthalate		36	U	36	390
Bis(2-ethylhexyl) phthalate		130	U	130	390
Di-n-octyl phthalate		25	U	25	390
Indeno[1,2,3-cd]pyrene		7.2	U	7.2	39
Dibenz(a,h)anthracene		4.9	U	4.9	39
3,3'-Dichlorobenzidine		140	U	140	790
1,2,4,5-Tetrachlorobenzene		52	U	52	390
2,3,4,6-Tetrachlorophenol		50	U	50	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	55		40 - 106
Phenol-d5	82		44 - 104
Terphenyl-d14	116		41 - 145
2,4,6-Tribromophenol	91		19 - 114
2-Fluorophenol	61		39 - 103
2-Fluorobiphenyl	58		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212014

Instrument ID: CBNAMS4

Prep Method: 3541

Prep Batch: 460-211817

Lab File ID: U94484.D

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Analysis Date: 03/12/2014 1422

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0844

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: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94485.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1444			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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	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		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	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		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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-212014	Instrument ID: CBNAMS4	
Prep Method: 3541	Prep Batch: 460-211817	Lab File ID: U94485.D	
Dilution: 1.0		Initial Weight/Volume: 15.03 g	
Analysis Date: 03/12/2014 1444		Final Weight/Volume: 1 mL	
Prep Date: 03/11/2014 0844		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		4.4	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	63		40 - 106
Phenol-d5	88		44 - 104
Terphenyl-d14	112		41 - 145
2,4,6-Tribromophenol	113		19 - 114
2-Fluorophenol	71		39 - 103
2-Fluorobiphenyl	79		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212014

Instrument ID: CBNAMS4

Prep Method: 3541

Prep Batch: 460-211817

Lab File ID: U94485.D

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Analysis Date: 03/12/2014 1444

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0844

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	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94509.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1003			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		230	U	230	1900
Acetophenone		300	U	300	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		230	U	230	1900
2,4,6-Trichlorophenol		230	U	230	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		230	U	230	1900
Diethyl phthalate		230	U	230	1900
Fluorene		250	U	250	1900
Fluoranthene		260	U	260	1900
Di-n-butyl phthalate		240	U	240	1900
2,4-Dinitrotoluene		63	U	63	390
4-Chlorophenyl phenyl ether		230	U	230	1900
4-Nitroaniline		600	U	600	3900
4,6-Dinitro-2-methylphenol		520	U	520	3900
4-Bromophenyl phenyl ether		190	U	190	1900

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94509.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1003			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		300	U	300	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		15	U	15	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		180	U	180	1900
Bis(2-ethylhexyl) phthalate		640	U	640	1900
Di-n-octyl phthalate		120	U	120	1900
Indeno[1,2,3-cd]pyrene		36	U	36	190
Dibenz(a,h)anthracene		24	U	24	190
3,3'-Dichlorobenzidine		680	U	680	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		49		40 - 106	
Phenol-d5		63		44 - 104	
Terphenyl-d14		90		41 - 145	
2,4,6-Tribromophenol		64		19 - 114	
2-Fluorophenol		50		39 - 103	
2-Fluorobiphenyl		75		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94509.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1003			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-59-4	Tetradecane	6.86	20000	J N
	Unknown alkane	7.19	24000	J
629-62-9	Pentadecane	7.39	27000	J N
	Unknown	7.71	12000	J
544-76-3	Hexadecane	7.89	33000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	27000	J N
1560-92-5	Hexadecane, 2-methyl-	8.18	17000	J N
	Unknown	8.21	16000	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	130000	J N
	Unknown alkane	8.54	17000	J
	Unknown	8.67	13000	J
	Unknown alkane	8.80	42000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.82	30000	J N
629-92-5	Nonadecane	9.20	24000	J N
112-95-8	Eicosane	9.60	13000	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94486.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1506			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		54	U	54	400
2-Chlorophenol		52	U	52	400
2-Methylphenol		68	U	68	400
4-Methylphenol		78	U	78	400
Benzaldehyde		47	U	47	400
Acetophenone		61	U	61	400
Bis(2-chloroethyl)ether		5.4	U	5.4	40
2,2'-oxybis[1-chloropropane]		44	U	44	400
N-Nitrosodi-n-propylamine		6.7	U	6.7	40
Nitrobenzene		5.7	U*	5.7	40
Hexachloroethane		4.4	U	4.4	40
Isophorone		48	U	48	400
2-Nitrophenol		44	U	44	400
2,4-Dimethylphenol		98	U	98	400
2,4-Dichlorophenol		58	U	58	400
Bis(2-chloroethoxy)methane		51	U	51	400
Naphthalene		46	U	46	400
4-Chloroaniline		110	U	110	400
Hexachlorobutadiene		9.7	U	9.7	81
Caprolactam		92	U	92	400
4-Chloro-3-methylphenol		60	U	60	400
2-Methylnaphthalene		51	U	51	400
Hexachlorobenzene		5.4	U	5.4	40
Hexachlorocyclopentadiene		47	U	47	400
2,4,6-Trichlorophenol		47	U	47	400
2,4,5-Trichlorophenol		51	U	51	400
Diphenyl		53	U	53	400
2-Chloronaphthalene		44	U	44	400
2-Nitroaniline		170	U	170	810
2,6-Dinitrotoluene		12	U	12	81
Dimethyl phthalate		47	U	47	400
Acenaphthylene		47	U	47	400
3-Nitroaniline		140	U	140	810
Acenaphthene		58	U	58	400
4-Nitrophenol		260	U	260	1200
2,4-Dinitrophenol		230	U	230	1200
Dibenzofuran		47	U	47	400
Diethyl phthalate		48	U	48	400
Fluorene		51	U	51	400
Fluoranthene		53	U	53	400
Di-n-butyl phthalate		49	U	49	400
2,4-Dinitrotoluene		13	U	13	81
4-Chlorophenyl phenyl ether		47	U	47	400
4-Nitroaniline		120	U	120	810
4,6-Dinitro-2-methylphenol		110	U	110	1200
4-Bromophenyl phenyl ether		40	U	40	400

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94486.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1506			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		62	U	62	400
Anthracene		48	U	48	400
Carbazole		47	U	47	400
Phenanthrene		51	U	51	400
Pentachlorophenol		120	U	120	1200
Pyrene		33	U	33	400
Chrysene		47	U	47	400
Benzo[k]fluoranthene		3.0	U	3.0	40
Benzo[g,h,i]perylene		30	U	30	400
Benzo[b]fluoranthene		2.5	U	2.5	40
Benzo[a]pyrene		2.8	U	2.8	40
Benzo[a]anthracene		2.8	U	2.8	40
N-Nitrosodiphenylamine		39	U	39	400
Butyl benzyl phthalate		37	U	37	400
Bis(2-ethylhexyl) phthalate		130	U	130	400
Di-n-octyl phthalate		25	U	25	400
Indeno[1,2,3-cd]pyrene		7.4	U	7.4	40
Dibenz(a,h)anthracene		5.0	U	5.0	40
3,3'-Dichlorobenzidine		140	U	140	810
1,2,4,5-Tetrachlorobenzene		54	U	54	400
2,3,4,6-Tetrachlorophenol		52	U	52	400
Surrogate		%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5		59		40 - 106	
Phenol-d5		85		44 - 104	
Terphenyl-d14		108		41 - 145	
2,4,6-Tribromophenol		103		19 - 114	
2-Fluorophenol		66		39 - 103	
2-Fluorobiphenyl		72		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94486.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/12/2014 1506			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	7.19	650	J
	Unknown alkane	7.71	600	J
	Unknown alkane	7.92	790	J
	Unknown alkane	8.11	720	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	2800	J N
	Unknown alkane	8.55	900	J
544-76-3	Hexadecane	8.79	1900	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.25	390	J N
112-95-8	Eicosane	9.61	370	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAM54
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94487.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1528			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		61	U	61	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		55	U	55	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		4.0	U	4.0	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		88	U	88	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		4.9	U	4.9	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		42	U	42	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	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94487.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/12/2014 1528			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		33	U	33	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		63		40 - 106	
Phenol-d5		84		44 - 104	
Terphenyl-d14		116		41 - 145	
2,4,6-Tribromophenol		98		19 - 114	
2-Fluorophenol		74		39 - 103	
2-Fluorobiphenyl		71		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212014

Instrument ID: CBNAMS4

Prep Method: 3541

Prep Batch: 460-211817

Lab File ID: U94487.D

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Analysis Date: 03/12/2014 1528

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0844

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	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94503.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0749			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		95	U	95	380
2,4-Dichlorophenol		56	U	56	380
Bis(2-chloroethoxy)methane		50	U	50	380
Naphthalene		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
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		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	380
2,6-Dinitrotoluene		12	U	12	78
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	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		140	J	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94503.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0749			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		45	J	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		52	U	52	380
2,3,4,6-Tetrachlorophenol		50	U	50	380
Surrogate		%Rec	Qualifier	Acceptance Limits	
Nitrobenzene-d5		44		40 - 106	
Phenol-d5		72		44 - 104	
Terphenyl-d14		96		41 - 145	
2,4,6-Tribromophenol		69		19 - 114	
2-Fluorophenol		52		39 - 103	
2-Fluorobiphenyl		70		49 - 112	

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94503.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0749			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds Number TIC's Found: 15

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
629-62-9	Pentadecane	7.39	2400	J N
	Unknown	7.62	2200	J
	Unknown	7.83	3000	J
544-76-3	Hexadecane	7.89	5400	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	5100	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.37	17000	J N
	Unknown	8.54	2400	J
593-45-3	Octadecane	8.80	7500	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.82	5300	J N
629-62-9	Pentadecane	8.97	7700	J N
629-92-5	Nonadecane	9.21	5400	J N
	Unknown	9.36	2000	J
112-95-8	Eicosane	9.61	6700	J N
629-94-7	Heneicosane	9.75	6200	J N
629-97-0	Docosane	10.35	2400	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-212014	Instrument ID: CBNAMS4	
Prep Method: 3541	Prep Batch: 460-211817	Lab File ID: U94489.D	
Dilution: 1.0		Initial Weight/Volume: 15.01 g	
Analysis Date: 03/12/2014 1613		Final Weight/Volume: 1 mL	
Prep Date: 03/11/2014 0844		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		74	U	74	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		50	U	50	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94489.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 1613			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		58	U	58	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		51		40 - 106	
Phenol-d5		69		44 - 104	
Terphenyl-d14		110		41 - 145	
2,4,6-Tribromophenol		98		19 - 114	
2-Fluorophenol		55		39 - 103	
2-Fluorobiphenyl		62		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212014

Instrument ID: CBNAMS4

Prep Method: 3541

Prep Batch: 460-211817

Lab File ID: U94489.D

Dilution: 1.0

Initial Weight/Volume: 15.01 g

Analysis Date: 03/12/2014 1613

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0844

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: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94514.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 1155			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		61	U	61	350
4-Methylphenol		70	U	70	350
Benzaldehyde		42	U	42	350
Acetophenone		55	U	55	350
Bis(2-chloroethyl)ether		4.9	U	4.9	35
2,2'-oxybis[1-chloropropane]		39	U	39	350
N-Nitrosodi-n-propylamine		5.9	U	5.9	35
Nitrobenzene		5.1	U*	5.1	35
Hexachloroethane		4.0	U	4.0	35
Isophorone		43	U	43	350
2-Nitrophenol		40	U	40	350
2,4-Dimethylphenol		88	U	88	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		4.9	U	4.9	35
Hexachlorocyclopentadiene		42	U	42	350
2,4,6-Trichlorophenol		42	U	42	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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94514.D
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 1155			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		30	U	30	350
Chrysene		42	U	42	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		33	U	33	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	46		40 - 106
Phenol-d5	73		44 - 104
Terphenyl-d14	106		41 - 145
2,4,6-Tribromophenol	84		19 - 114
2-Fluorophenol	54		39 - 103
2-Fluorobiphenyl	62		49 - 112

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-212262	Instrument ID: CBNAMS4
Prep Method: 3541	Prep Batch: 460-211817	Lab File ID: U94514.D
Dilution: 1.0		Initial Weight/Volume: 15.02 g
Analysis Date: 03/13/2014 1155		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL

Tentatively Identified Compounds Number TIC's Found: 6

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	10.91	810	J N
	Unknown	10.95	570	J
122-69-0	Cinnamyl cinnamate	11.30	1200	J N
3386-33-2	Octadecane, 1-chloro-	11.50	540	J N
506-52-5	1-Hexacosanol	12.37	930	J N
630-06-8	Hexatriacontane	14.24	570	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94512.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 1110			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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	350
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		42	U	42	350
3-Nitroaniline		120	U	120	350
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	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		47	U	47	350
Di-n-butyl phthalate		66	J	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	710
4-Bromophenyl phenyl ether		35	U	35	350

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94512.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 1110			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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	710
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	350
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		46		40 - 106	
Phenol-d5		72		44 - 104	
Terphenyl-d14		116		41 - 145	
2,4,6-Tribromophenol		98		19 - 114	
2-Fluorophenol		51		39 - 103	
2-Fluorobiphenyl		64		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212262

Instrument ID: CBNAMS4

Prep Method: 3541

Prep Batch: 460-211817

Lab File ID: U94512.D

Dilution: 1.0

Initial Weight/Volume: 15.04 g

Analysis Date: 03/13/2014 1110

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0844

Injection Volume: 1 uL

Tentatively Identified Compounds

Number TIC's Found: 2

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
87-44-5	Caryophyllene	7.09	310	J N
	Unknown	11.30	980	J

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94510.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 1025			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		96	U	96	710
2-Chlorophenol		94	U	94	710
2-Methylphenol		120	U	120	710
4-Methylphenol		140	U	140	710
Benzaldehyde		84	U	84	710
Acetophenone		110	U	110	710
Bis(2-chloroethyl)ether		9.7	U	9.7	71
2,2'-oxybis[1-chloropropane]		79	U	79	710
N-Nitrosodi-n-propylamine		12	U	12	71
Nitrobenzene		10	U*	10	71
Hexachloroethane		7.9	U	7.9	71
Isophorone		86	U	86	710
2-Nitrophenol		79	U	79	710
2,4-Dimethylphenol		180	U	180	710
2,4-Dichlorophenol		100	U	100	710
Bis(2-chloroethoxy)methane		92	U	92	710
Naphthalene		83	U	83	710
4-Chloroaniline		190	U	190	710
Hexachlorobutadiene		17	U	17	140
Caprolactam		160	U	160	710
4-Chloro-3-methylphenol		110	U	110	710
2-Methylnaphthalene		92	U	92	710
Hexachlorobenzene		9.7	U	9.7	71
Hexachlorocyclopentadiene		84	U	84	710
2,4,6-Trichlorophenol		83	U	83	710
2,4,5-Trichlorophenol		92	U	92	710
Diphenyl		95	U	95	710
2-Chloronaphthalene		79	U	79	710
2-Nitroaniline		300	U	300	710
2,6-Dinitrotoluene		21	U	21	140
Dimethyl phthalate		84	U	84	710
Acenaphthylene		84	U	84	710
3-Nitroaniline		250	U	250	710
Acenaphthene		100	U	100	710
4-Nitrophenol		460	U	460	710
2,4-Dinitrophenol		400	U	400	1400
Dibenzofuran		84	U	84	710
Diethyl phthalate		85	U	85	710
Fluorene		91	U	91	710
Fluoranthene		95	U	95	710
Di-n-butyl phthalate		88	U	88	710
2,4-Dinitrotoluene		23	U	23	140
4-Chlorophenyl phenyl ether		84	U	84	710
4-Nitroaniline		220	U	220	1400
4,6-Dinitro-2-methylphenol		190	U	190	1400
4-Bromophenyl phenyl ether		71	U	71	710

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94510.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 1025			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		110	U	110	710
Anthracene		87	U	87	710
Carbazole		84	U	84	710
Phenanthrene		91	U	91	710
Pentachlorophenol		210	U	210	1400
Pyrene		67	J	60	710
Chrysene		83	U	83	710
Benzo[k]fluoranthene		5.4	U	5.4	71
Benzo[g,h,i]perylene		53	U	53	710
Benzo[b]fluoranthene		4.5	U	4.5	71
Benzo[a]pyrene		5.0	U	5.0	71
Benzo[a]anthracene		5.0	U	5.0	71
N-Nitrosodiphenylamine		70	U	70	710
Butyl benzyl phthalate		65	U	65	710
Bis(2-ethylhexyl) phthalate		240	U	240	710
Di-n-octyl phthalate		45	U	45	710
Indeno[1,2,3-cd]pyrene		13	U	13	71
Dibenz(a,h)anthracene		9.0	U	9.0	71
3,3'-Dichlorobenzidine		250	U	250	710
1,2,4,5-Tetrachlorobenzene		96	U	96	710
2,3,4,6-Tetrachlorophenol		93	U	93	710

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	51		40 - 106
Phenol-d5	71		44 - 104
Terphenyl-d14	90		41 - 145
2,4,6-Tribromophenol	69		19 - 114
2-Fluorophenol	58		39 - 103
2-Fluorobiphenyl	87		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94510.D
Dilution:	2.0			Initial Weight/Volume:	15.02 g
Analysis Date:	03/13/2014 1025			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	2.81	15000	J
	Unknown	7.07	3800	J
112-40-3	Dodecane	7.19	8300	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	7.35	3800	J N
	Unknown	7.53	2900	J
73105-67-6	1-Iodo-2-methylundecane	7.65	3500	J N
	Unknown	7.71	3500	J
	Unknown	7.84	4400	J
112-95-8	Eicosane	7.92	3600	J N
	Unknown	8.00	2800	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.11	15000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.38	15000	J N
	Unknown	8.64	4600	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.83	8900	J N
593-45-3	Octadecane	9.17	3400	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94482.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 1337			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		52	U	52	380
2-Chlorophenol		50	U	50	380
2-Methylphenol		65	U	65	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]		42	U	42	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		44	U	44	380
4-Chloroaniline		100	U	100	380
Hexachlorobutadiene		9.4	U	9.4	78
Caprolactam		88	U	88	380
4-Chloro-3-methylphenol		58	U	58	380
2-Methylnaphthalene		120	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		50	U	50	380
Diphenyl		51	U	51	380
2-Chloronaphthalene		43	U	43	380
2-Nitroaniline		160	U	160	780
2,6-Dinitrotoluene		12	U	12	78
Dimethyl phthalate		45	U	45	380
Acenaphthylene		45	U	45	380
3-Nitroaniline		140	U	140	780
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		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	1200
4-Bromophenyl phenyl ether		38	U	38	380

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94482.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 1337			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		740		49	380
Pentachlorophenol		110	U	110	1200
Pyrene		180	J	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	780
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	52		40 - 106
Phenol-d5	63		44 - 104
Terphenyl-d14	88		41 - 145
2,4,6-Tribromophenol	90		19 - 114
2-Fluorophenol	50		39 - 103
2-Fluorobiphenyl	75		49 - 112

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212014	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94482.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/12/2014 1337			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 15**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	6.17	2100	J
629-50-5	Tridecane	6.32	4700	J N
	Unknown alkane	6.90	2000	J
	Unknown alkane	7.21	3900	J
	Unknown alkane	7.74	2200	J
544-76-3	Hexadecane	7.93	2500	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.15	2200	J N
629-59-4	Tetradecane	8.41	5700	J N
593-45-3	Octadecane	8.83	3700	J N
	Unknown alkane	9.25	2400	J
112-95-8	Eicosane	9.63	21000	J N
	Unknown	9.78	5300	J
	Unknown	9.89	11000	J
	Unknown alkane	10.01	20000	J
1000256-99-5	5(10H)-Pyrido[3,4-b]quinolone, 7-methoxy	10.07	5900	J N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94513.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1132			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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	350
2,6-Dinitrotoluene		11	U	11	71
Dimethyl phthalate		42	U	42	350
Acenaphthylene		41	U	41	350
3-Nitroaniline		120	U	120	350
Acenaphthene		51	U	51	350
4-Nitrophenol		230	U	230	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		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	710
4-Bromophenyl phenyl ether		35	U	35	350

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94513.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1132			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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	710
Pyrene		61	J	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	350
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		48		40 - 106	
Phenol-d5		78		44 - 104	
Terphenyl-d14		107		41 - 145	
2,4,6-Tribromophenol		112		19 - 114	
2-Fluorophenol		55		39 - 103	
2-Fluorobiphenyl		86		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94513.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1132			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			Injection Volume:	1 uL

Tentatively Identified Compounds Number TIC's Found: 15

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	6.84	3000	J
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	7.19	3700	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyl-	7.34	4800	J N
55045-08-4	Dodecane, 2-methyl-6-propyl-	7.72	1900	J N
544-76-3	Hexadecane	7.90	3700	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.12	4800	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.39	16000	J N
	Unknown	8.72	1800	J
	Unknown alkane	8.81	3500	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.84	10000	J N
	Unknown alkane	9.01	2300	J
	Unknown alkane	9.17	3000	J
629-92-5	Nonadecane	9.22	2000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.26	3400	J N
	Unknown	15.83	2000	J

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212257	Instrument ID:	CBNAM511
Prep Method:	3510C	Prep Batch:	460-211622	Lab File ID:	z8786.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/13/2014 0628			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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

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:	z8786.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/13/2014 0628			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	83		46 - 122	
2-Fluorophenol	29		10 - 65	
Phenol-d5	17		10 - 48	
Nitrobenzene-d5	82		56 - 112	
2-Fluorobiphenyl	75		53 - 108	
Terphenyl-d14	77		50 - 122	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Client Matrix: Water

Date Sampled: 03/07/2014 1400

Date Received: 03/07/2014 1610

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:	z8786.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/13/2014 0628			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: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAM54
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94504.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/13/2014 0811			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-212262	Instrument ID:	CBNAMS4
Prep Method:	3541	Prep Batch:	460-211817	Lab File ID:	U94504.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/13/2014 0811			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 0844			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		48		40 - 106	
Phenol-d5		70		44 - 104	
Terphenyl-d14		104		41 - 145	
2,4,6-Tribromophenol		76		19 - 114	
2-Fluorophenol		52		39 - 103	
2-Fluorobiphenyl		56		49 - 112	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-212262

Instrument ID: CBNAMS4

Prep Method: 3541

Prep Batch: 460-211817

Lab File ID: U94504.D

Dilution: 1.0

Initial Weight/Volume: 15.03 g

Analysis Date: 03/13/2014 0811

Final Weight/Volume: 1 mL

Prep Date: 03/11/2014 0844

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	

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0104			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		17	U	17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	152	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0104			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	139	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0121			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			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		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	134		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0121			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1158			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		860	U	860	3800
Aroclor 1221		860	U	860	3800
Aroclor 1232		860	U	860	3800
Aroclor 1242		75000		860	3800
Aroclor 1248		860	U	860	3800
Aroclor 1254		1100	U	1100	3800
Aroclor 1260		4600		1100	3800
Aroclor 1262		1100	U	1100	3800
Aroclor 1268		1100	U	1100	3800

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1158			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	14.99 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1217			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	79
Aroclor 1221		18	U	18	79
Aroclor 1232		18	U	18	79
Aroclor 1242		18	U	18	79
Aroclor 1248		18	U	18	79
Aroclor 1254		22	U	22	79
Aroclor 1260		22	U	22	79
Aroclor 1262		22	U	22	79
Aroclor 1268		22	U	22	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	130		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	14.99 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1217			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0209			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		17	U	17	76
Aroclor 1221		17	U	17	76
Aroclor 1232		17	U	17	76
Aroclor 1242		17	U	17	76
Aroclor 1248		17	U	17	76
Aroclor 1254		22	U	22	76
Aroclor 1260		22	U	22	76
Aroclor 1262		22	U	22	76
Aroclor 1268		22	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	135		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0209			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	131		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1235			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			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		15000		170	760
Aroclor 1248		170	U	170	760
Aroclor 1254		220	U	220	760
Aroclor 1260		1900		220	760
Aroclor 1262		220	U	220	760
Aroclor 1268		220	U	220	760

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1235			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1254			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	780
Aroclor 1221		170	U	170	780
Aroclor 1232		170	U	170	780
Aroclor 1242		9100		170	780
Aroclor 1248		170	U	170	780
Aroclor 1254		220	U	220	780
Aroclor 1260		1100		220	780
Aroclor 1262		220	U	220	780
Aroclor 1268		220	U	220	780

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1254			Injection Volume:	1 uL
Prep Date:	03/11/2014 1221			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1313			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			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		72000		870	3900
Aroclor 1248		870	U	870	3900
Aroclor 1254		1100	U	1100	3900
Aroclor 1260		4500		1100	3900
Aroclor 1262		1100	U	1100	3900
Aroclor 1268		1100	U	1100	3900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1313			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0315			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	78
Aroclor 1221		18	U	18	78
Aroclor 1232		18	U	18	78
Aroclor 1242		1800		18	78
Aroclor 1248		18	U	18	78
Aroclor 1254		22	U	22	78
Aroclor 1260		150		22	78
Aroclor 1262		22	U	22	78
Aroclor 1268		22	U	22	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	127		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0315			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		45 - 138

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1332			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	710
Aroclor 1221		160	U	160	710
Aroclor 1232		160	U	160	710
Aroclor 1242		160	U	160	710
Aroclor 1248		8600		160	710
Aroclor 1254		200	U	200	710
Aroclor 1260		1700		200	710
Aroclor 1262		200	U	200	710
Aroclor 1268		200	U	200	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1332			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1351			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			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		28000		350	1500
Aroclor 1248		350	U	350	1500
Aroclor 1254		440	U	440	1500
Aroclor 1260		440	U	440	1500
Aroclor 1262		440	U	440	1500
Aroclor 1268		440	U	440	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.01 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1351			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0404			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	79
Aroclor 1221		18	U	18	79
Aroclor 1232		18	U	18	79
Aroclor 1242		660		18	79
Aroclor 1248		18	U	18	79
Aroclor 1254		22	U	22	79
Aroclor 1260		22	U	22	79
Aroclor 1262		22	U	22	79
Aroclor 1268		22	U	22	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	136		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0404			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1410			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		80	U	80	360
Aroclor 1221		80	U	80	360
Aroclor 1232		80	U	80	360
Aroclor 1242		80	U	80	360
Aroclor 1248		4900		80	360
Aroclor 1254		100	U	100	360
Aroclor 1260		900		100	360
Aroclor 1262		100	U	100	360
Aroclor 1268		100	U	100	360

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1410			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		45 - 138

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1429			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			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		15000		170	760
Aroclor 1248		170	U	170	760
Aroclor 1254		220	U	220	760
Aroclor 1260		720	J	220	760
Aroclor 1262		220	U	220	760
Aroclor 1268		220	U	220	760

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.05 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1429			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1448			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	79
Aroclor 1221		18	U	18	79
Aroclor 1232		18	U	18	79
Aroclor 1242		110		18	79
Aroclor 1248		18	U	18	79
Aroclor 1254		22	U	22	79
Aroclor 1260		22	U	22	79
Aroclor 1262		22	U	22	79
Aroclor 1268		22	U	22	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212157	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1448			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0510			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		16	U	16	72
Aroclor 1248		16	U	16	72
Aroclor 1254		20	U	20	72
Aroclor 1260		20	U	20	72
Aroclor 1262		20	U	20	72
Aroclor 1268		20	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0510			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212602	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/14/2014 0955			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		170	U	170	780
Aroclor 1221		170	U	170	780
Aroclor 1232		170	U	170	780
Aroclor 1242		170	U	170	780
Aroclor 1248		10000		170	780
Aroclor 1254		220	U	220	780
Aroclor 1260		220	U	220	780
Aroclor 1262		220	U	220	780
Aroclor 1268		220	U	220	780

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212602	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.04 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/14/2014 0955			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0544			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18	U	18	81
Aroclor 1221		18	U	18	81
Aroclor 1232		18	U	18	81
Aroclor 1242		18	U	18	81
Aroclor 1248		380		18	81
Aroclor 1254		23	U	23	81
Aroclor 1260		23	U	23	81
Aroclor 1262		23	U	23	81
Aroclor 1268		23	U	23	81

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	137		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0544			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	131		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0600			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		16	U	16	72
Aroclor 1248		16	U	16	72
Aroclor 1254		20	U	20	72
Aroclor 1260		20	U	20	72
Aroclor 1262		20	U	20	72
Aroclor 1268		20	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	126		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0600			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212604	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	14.98 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1231			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		35	U	35	160
Aroclor 1221		35	U	35	160
Aroclor 1232		35	U	35	160
Aroclor 1242		2500		35	160
Aroclor 1248		35	U	35	160
Aroclor 1254		44	U	44	160
Aroclor 1260		250		44	160
Aroclor 1262		44	U	44	160
Aroclor 1268		44	U	44	160

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212604	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211881	Initial Weight/Volume:	14.98 g
Dilution:	2.0			Final Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1231			Injection Volume:	1 uL
Prep Date:	03/11/2014 1222			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method: 8082	Analysis Batch: 460-212066	Instrument ID: CPESTGC11
Prep Method: 3546	Prep Batch: 460-211882	Initial Weight/Volume: 14.99 g
Dilution: 1.0		Final Weight/Volume: 10 mL
Analysis Date: 03/12/2014 0621		Injection Volume: 1 uL
Prep Date: 03/11/2014 1224		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		180		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	113		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	14.99 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0621			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		45 - 138

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0640			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		16	U	16	72
Aroclor 1221		16	U	16	72
Aroclor 1232		16	U	16	72
Aroclor 1242		16	U	16	72
Aroclor 1248		16	U	16	72
Aroclor 1254		20	U	20	72
Aroclor 1260		91		20	72
Aroclor 1262		20	U	20	72
Aroclor 1268		20	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0640			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0659			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			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		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	112		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 0659			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212092	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1031			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	720
Aroclor 1221		160	U	160	720
Aroclor 1232		160	U	160	720
Aroclor 1242		160	U	160	720
Aroclor 1248		9900		160	720
Aroclor 1254		200	U	200	720
Aroclor 1260		1300		200	720
Aroclor 1262		200	U	200	720
Aroclor 1268		200	U	200	720

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212092	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-211882	Initial Weight/Volume:	15.02 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/12/2014 1031			Injection Volume:	1 uL
Prep Date:	03/11/2014 1224			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-212128	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/13/2014 0800			Injection Volume:	1 uL
Prep Date:	03/12/2014 1143			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		350	U	350	1600
Aroclor 1221		350	U	350	1600
Aroclor 1232		350	U	350	1600
Aroclor 1242		16000		350	1600
Aroclor 1248		350	U	350	1600
Aroclor 1254		440	U	440	1600
Aroclor 1260		1100	J	440	1600
Aroclor 1262		440	U	440	1600
Aroclor 1268		440	U	440	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-212128	Initial Weight/Volume:	15.03 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	03/13/2014 0800			Injection Volume:	1 uL
Prep Date:	03/12/2014 1143			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-212128	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/13/2014 0819			Injection Volume:	1 uL
Prep Date:	03/12/2014 1143			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		160	U	160	710
Aroclor 1221		160	U	160	710
Aroclor 1232		160	U	160	710
Aroclor 1242		160	U	160	710
Aroclor 1248		8800		160	710
Aroclor 1254		200	U	200	710
Aroclor 1260		1400		200	710
Aroclor 1262		200	U	200	710
Aroclor 1268		200	U	200	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Prep Method:	3546	Prep Batch:	460-212128	Initial Weight/Volume:	15.00 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/13/2014 0819			Injection Volume:	1 uL
Prep Date:	03/12/2014 1143			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

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:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/11/2014 0544			Injection Volume:	1 uL
Prep Date:	03/09/2014 1042			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.079	U	0.079	0.52
Aroclor 1221	0.079	U	0.079	0.52
Aroclor 1232	0.079	U	0.079	0.52
Aroclor 1242	0.079	U	0.079	0.52
Aroclor 1248	0.079	U	0.079	0.52
Aroclor 1254	0.086	U	0.086	0.52
Aroclor 1260	0.086	U	0.086	0.52
Aroclor 1262	0.086	U	0.086	0.52
Aroclor 1268	0.086	U	0.086	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		10 - 150

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

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:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	03/11/2014 0544			Injection Volume:	1 uL
Prep Date:	03/09/2014 1042			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		10 - 150

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212261	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-212128	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/13/2014 0635			Injection Volume:	1 uL
Prep Date:	03/12/2014 1143			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		17	U	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	144	X	45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-212261	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-212128	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/13/2014 0635			Injection Volume:	1 uL
Prep Date:	03/12/2014 1143			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	134		45 - 138

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

% Moisture: 11.8

Date Received: 03/07/2014 1610

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:	GC2F9465.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 2157			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)		6.2	U	6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		50 - 105
Chlorobenzene	79		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

% Moisture: 5.6

Date Received: 03/07/2014 1610

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:	GC2F9466.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/12/2014 2210			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)		68		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	73		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

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:	GC2F9467.D
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 2224			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)		2900		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

% Moisture: 14.7

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9490.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1050			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			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	44	X	50 - 105
Chlorobenzene	51		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

% Moisture: 12.4

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9491.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1104			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		10		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	55		50 - 105
Chlorobenzene	59		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

% Moisture: 12.1

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9492.D
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1117			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2800		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

% Moisture: 14.2

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9493.D
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	03/13/2014 1131			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		820		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	55		50 - 105
Chlorobenzene	57		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 13.4

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9496.D
Dilution:	25			Initial Weight/Volume:	15.05 g
Analysis Date:	03/13/2014 1212			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3000		160	160

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

% Moisture: 14.3

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9489.D
Dilution:	10			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1036			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1100		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

% Moisture: 6.2

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9497.D
Dilution:	5.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1226			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		650		29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	60		50 - 105
Chlorobenzene	64		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

% Moisture: 13.1

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9498.D
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1239			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		680		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	51		50 - 105
Chlorobenzene	52		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Date Sampled: 03/07/2014 1105

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9499.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1253			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		56		6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	80		50 - 105
Chlorobenzene	61		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

% Moisture: 6.4

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9500.D
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1307			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		700		29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		50 - 105
Chlorobenzene	75		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

% Moisture: 12.5

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9501.D
Dilution:	25			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1320			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		3100		160	160

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Date Sampled: 03/07/2014 1210

Client Matrix: Solid

% Moisture: 14.8

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9502.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1334			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		10		6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	68		50 - 105
Chlorobenzene	68		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

% Moisture: 6.5

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9503.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1347			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		10		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		50 - 105
Chlorobenzene	77		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

% Moisture: 14.1

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211888	Lab File ID:	GC2F9480.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0833			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1900		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Date Sampled: 03/07/2014 1230

Client Matrix: Solid

% Moisture: 17.2

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211888	Lab File ID:	GC2F9481.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0847			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		17		6.6	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	56		50 - 105
Chlorobenzene	46		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

% Moisture: 7.1

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211888	Lab File ID:	GC2F9482.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0900			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		50 - 105
Chlorobenzene	62		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

% Moisture: 13.7

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211888	Lab File ID:	GC2F9479.D
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 0819			Final Weight/Volume:	1 mL
Prep Date:	03/11/2014 1319			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2100		130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

% Moisture: 12.7

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9506.D
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 1428			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		16		6.3	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		50 - 105
Chlorobenzene	63		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22

Date Sampled: 03/07/2014 1235

Client Matrix: Solid

% Moisture: 7.2

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9507.D
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1442			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		18		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	82		50 - 105
Chlorobenzene	75		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

% Moisture: 6.1

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9508.D
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 1456			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.3		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	73		50 - 105
Chlorobenzene	69		40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 7.3

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9509.D
Dilution:	25			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1509			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2400		150	150

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 14.0

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9510.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1523			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1100		64	64

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

% Moisture: 5.8

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9511.D
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	03/13/2014 1536			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1600		58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	50 - 105
Chlorobenzene	0	X D	40 - 80

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

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:	GC2F9332.D
Dilution:	1.0			Initial Weight/Volume:	980 mL
Analysis Date:	03/11/2014 1000			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)	0.084	U	0.084	0.084

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	71		51 - 123
Chlorobenzene	75		42 - 93

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Date Sampled: 03/07/2014 1150

Client Matrix: Solid

% Moisture: 13.6

Date Received: 03/07/2014 1610

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-212305	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-211689	Lab File ID:	GC2F9512.D
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	03/13/2014 1550			Final Weight/Volume:	1 mL
Prep Date:	03/10/2014 1453			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		12		6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	56		50 - 105
Chlorobenzene	54		40 - 80

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-28SW-SD

Lab Sample ID: 460-72180-1

Date Sampled: 03/07/2014 0845

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211389	Analysis Date: 03/08/2014 1140					DryWt Corrected: N
Percent Solids	88.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211389	Analysis Date: 03/08/2014 1140					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 1112					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-15SW-VD

Lab Sample ID: 460-72180-2

Date Sampled: 03/07/2014 0930

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211389	Analysis Date: 03/08/2014 1140					DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211389	Analysis Date: 03/08/2014 1140					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 1112					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-15SW-WT

Lab Sample ID: 460-72180-3

Date Sampled: 03/07/2014 0935

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	87.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1112					DryWt Corrected: N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-15SW-SI

Lab Sample ID: 460-72180-4

Date Sampled: 03/07/2014 0940

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	85.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1112					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-15SW-SD

Lab Sample ID: 460-72180-5

Date Sampled: 03/07/2014 0945

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	87.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1112					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-16SW-WT

Lab Sample ID: 460-72180-6

Date Sampled: 03/07/2014 1020

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	87.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1112					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-16SW-SI

Lab Sample ID: 460-72180-7

Date Sampled: 03/07/2014 1025

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	85.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Chloride-ASTM Leach	57.8	U	mg/Kg	57.8	99.4	1.0	SM 4500 Cl- E
	Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1112					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-17SW-WT

Lab Sample ID: 460-72180-8

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	86.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1115					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-17SW-SI

Lab Sample ID: 460-72180-9

Date Sampled: 03/07/2014 1040

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1115					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-18SW-VD

Lab Sample ID: 460-72180-10

Date Sampled: 03/07/2014 1035

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	93.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-18SW-WT

Lab Sample ID: 460-72180-11

Date Sampled: 03/07/2014 1100

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	86.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Chloride-ASTM Leach	57.8	U	mg/Kg	57.8	99.4	1.0	SM 4500 Cl- E
	Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-18SW-SI

Lab Sample ID: 460-72180-12

Client Matrix: Solid

Date Sampled: 03/07/2014 1105

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	85.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-19SW-VD

Lab Sample ID: 460-72180-13

Date Sampled: 03/07/2014 1200

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	93.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-19SW-WT

Lab Sample ID: 460-72180-14

Date Sampled: 03/07/2014 1205

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-19SW-SI

Lab Sample ID: 460-72180-15

Client Matrix: Solid

Date Sampled: 03/07/2014 1210

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	85.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-26SW-VD

Lab Sample ID: 460-72180-16

Date Sampled: 03/07/2014 1220

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	93.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1150					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-26SW-WT

Lab Sample ID: 460-72180-17

Date Sampled: 03/07/2014 1225

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1153					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-26SW-SI

Lab Sample ID: 460-72180-18

Client Matrix: Solid

Date Sampled: 03/07/2014 1230

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	17.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	82.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1153					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-27SW-VD

Lab Sample ID: 460-72180-19

Date Sampled: 03/07/2014 1140

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	92.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1251					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-27SW-WT

Lab Sample ID: 460-72180-20

Date Sampled: 03/07/2014 1145

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	86.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Chloride-ASTM Leach	57.4	U	mg/Kg	57.4	98.7	1.0	SM 4500 Cl- E
	Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1251					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-27SW-SD

Lab Sample ID: 460-72180-21

Date Sampled: 03/07/2014 1155

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					DryWt Corrected: N
Percent Solids	87.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211390	Analysis Date: 03/08/2014 1158					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 1251					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-31SW-VS

Lab Sample ID: 460-72180-22
 Client Matrix: Solid

Date Sampled: 03/07/2014 1235
 Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Percent Solids	92.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					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 1251					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-32SW-VS

Lab Sample ID: 460-72180-23

Date Sampled: 03/07/2014 1245

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Percent Solids	93.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					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 1251					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: DUP_030714

Lab Sample ID: 460-72180-24FD

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Percent Solids	92.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					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 1251					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: DUP2_030714

Lab Sample ID: 460-72180-25

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Percent Solids	86.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Chloride-ASTM Leach	57.4	U	mg/Kg	57.4	98.7	1.0	SM 4500 Cl- E
	Analysis Batch: 460-212714	Analysis Date: 03/14/2014 1254					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: DUP3_030714

Lab Sample ID: 460-72180-26

Date Sampled: 03/07/2014 0000

Client Matrix: Solid

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Percent Solids	94.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					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 1254					DryWt Corrected: N

Analytical Data

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27FB

Date Sampled: 03/07/2014 1400

Client Matrix: Water

Date Received: 03/07/2014 1610

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

Client: Antea USA, Inc.

Job Number: 460-72180-1

General Chemistry

Client Sample ID: PMP-27SW-SI

Lab Sample ID: 460-72180-29

Client Matrix: Solid

Date Sampled: 03/07/2014 1150

Date Received: 03/07/2014 1610

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-211398	Analysis Date: 03/08/2014 1225					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 1317					DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-72180-1

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
460-72180-1	PMP-28SW-SD	88	88	88	93
460-72180-2	PMP-15SW-VD	98	96	97	100
460-72180-4	PMP-15SW-SI	93	89	88	96
460-72180-5	PMP-15SW-SD	94	90	91	95
460-72180-7	PMP-16SW-SI	89	89	90	91
460-72180-8	PMP-17SW-WT	89	88	94	82
460-72180-9	PMP-17SW-SI	91	88	90	94
460-72180-10	PMP-18SW-VD	93	93	90	94
460-72180-11	PMP-18SW-WT	87	89	88	89
460-72180-12	PMP-18SW-SI	91	93	93	95
460-72180-13	PMP-19SW-VD	91	90	88	97
460-72180-15	PMP-19SW-SI	93	89	90	95
460-72180-16	PMP-26SW-VD	92	92	91	94
460-72180-17	PMP-26SW-WT	99	96	100	98
460-72180-18	PMP-26SW-SI	88	85	88	94
460-72180-19	PMP-27SW-VD	87	89	90	92
460-72180-21	PMP-27SW-SD	90	92	91	93
460-72180-22	PMP-31SW-VS	90	90	92	94
460-72180-23	PMP-32SW-VS	97	97	98	101
460-72180-25	DUP2_030714	87	85	87	92
460-72180-26	DUP3_030714	94	96	97	99
460-72180-28	Trip Blank	89	85	87	94
460-72180-29	PMP-27SW-SI	98	95	96	101
MB 460-212436/6		90	89	92	95
MB 460-212542/6		90	87	88	93
LCS 460-212436/3		99	91	92	100
LCS 460-212542/3		94	88	86	96
LCSD 460-212436/4		91	85	87	94
LCSD 460-212542/17		87	83	89	91

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: 460-72180-1

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
460-72180-3	PMP-15SW-WT	78	81	78	80
460-72180-6	PMP-16SW-WT	81	85	81	81
460-72180-14	PMP-19SW-WT	88	90	89	89
460-72180-20	PMP-27SW-WT	105	105	105	105
460-72180-24	DUP_030714	85	87	87	88
MB 460-212509/6		101	100	101	102
MB 460-212620/6		109	107	112	111
LCS 460-212509/3		99	98	98	97
LCS 460-212620/3		99	97	99	95
460-72174-A-26-A MS		81	79	82	81
460-72174-A-26-A 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: 460-72180-1

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
460-72180-27	FB_030714	104	100	98	103
MB 460-212288/7		103	100	98	98
LCS 460-212288/4		104	105	105	103
460-72069-A-8 MS		102	105	104	102
460-72069-A-8 MSD		93	97	97	93

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: 460-72180-1

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
460-72180-1	PMP-28SW-SD	75	83	77	82	69	115
460-72180-2	PMP-15SW-VD	79	85	82	90	52	108
460-72180-3	PMP-15SW-WT	71	74	80	95	53	93
460-72180-4	PMP-15SW-SI	68	76	69	77	65	109
460-72180-5	PMP-15SW-SD	72	78	75	81	64	109
460-72180-6	PMP-16SW-WT	75	81	85	94	65	90
460-72180-7	PMP-16SW-SI	81	87	86	98	77	109
460-72180-8	PMP-17SW-WT	74	80	75	95	63	98
460-72180-9	PMP-17SW-SI	87	97	94	105	118X	102
460-72180-10	PMP-18SW-VD	71	75	65	92	76	93
460-72180-11	PMP-18SW-WT	70	80	64	82	91	85
460-72180-12	PMP-18SW-SI	78	91	69	88	102	109
460-72180-13	PMP-19SW-VD	68	79	71	87	47	102
460-72180-14	PMP-19SW-WT	52	63	47	82	53	94
460-72180-15	PMP-19SW-SI	61	82	55	58	91	116
460-72180-16	PMP-26SW-VD	71	88	63	79	113	112
460-72180-17	PMP-26SW-WT	50	63	49	75	64	90
460-72180-18	PMP-26SW-SI	66	85	59	72	103	108
460-72180-19	PMP-27SW-VD	74	84	63	71	98	116
460-72180-20	PMP-27SW-WT	52	72	44	70	69	96
460-72180-21	PMP-27SW-SD	55	69	51	62	98	110
460-72180-22	PMP-31SW-VS	54	73	46	62	84	106
460-72180-23	PMP-32SW-VS	51	72	46	64	98	116
460-72180-24	DUP_030714	58	71	51	87	69	90
460-72180-25	DUP2_030714	50	63	52	75	90	88
460-72180-26	DUP3_030714	55	78	48	86	112	107
460-72180-29	PMP-27SW-SI	52	70	48	56	76	104
MB 460-211814/1-A		71	73	81	79	50	90
MB 460-211817/1-A		90	98	86	82	107	119

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: 460-72180-1

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
LCS 460-211814/2-A		69	71	78	74	48	87
LCS 460-211814/3-A		57	59	65	65	49	67
LCS 460-211817/2-A		87	93	84	77	103	112
LCS 460-211817/3-A		73	80	70	69	90	86
460-72180-9 MS	PMP-17SW-SI MS	82	87	82	86	102	90
460-71983-A-7-A MS		75	78	88	92	54	83
460-72180-9 MSD	PMP-17SW-SI MSD	89	93	93	95	115X	96
460-71983-A-7-B MSD		69	77	87	90	53	78

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: 460-72180-1

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
460-72180-27	FB_030714	29	17	82	75	83	77
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: 460-72180-1

Surrogate Recovery Report**8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-72180-1	PMP-28SW-SD	152X D	139X D
460-72180-2	PMP-15SW-VD	134	128
460-72180-3	PMP-15SW-WT	0X D	0X D
460-72180-4	PMP-15SW-SI	128	130
460-72180-5	PMP-15SW-SD	135	131
460-72180-6	PMP-16SW-WT	0X D	0X D
460-72180-7	PMP-16SW-SI	0X D	0X D
460-72180-8	PMP-17SW-WT	0X D	0X D
460-72180-9	PMP-17SW-SI	127	124
460-72180-10	PMP-18SW-VD	0X D	0X D
460-72180-11	PMP-18SW-WT	0X D	0X D
460-72180-12	PMP-18SW-SI	136	132
460-72180-13	PMP-19SW-VD	96	106
460-72180-14	PMP-19SW-WT	0X D	0X D
460-72180-15	PMP-19SW-SI	112	122
460-72180-16	PMP-26SW-VD	125	123
460-72180-17	PMP-26SW-WT	0X D	0X D
460-72180-18	PMP-26SW-SI	137	131
460-72180-19	PMP-27SW-VD	126	125
460-72180-20	PMP-27SW-WT	113	106
460-72180-21	PMP-27SW-SD	101	113
460-72180-22	PMP-31SW-VS	101	108
460-72180-23	PMP-32SW-VS	102	112
460-72180-24	DUP_030714	0X D	0X D
460-72180-25	DUP2_030714	0X D	0X D
460-72180-26	DUP3_030714	0X D	0X D
460-72180-29	PMP-27SW-SI	144X	134
MB 460-211881/1-A		171X D	162X D
MB 460-211882/1-A		148X	151X

Surrogate

Acceptance Limits

DCB = DCB Decachlorobiphenyl

45-138

Client: Antea USA, Inc.

Job Number: 460-72180-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
MB 460-211882/1-A		148X	151X
MB 460-212128/1-A		84	81
LCS 460-211881/2-A		167X D	153X D
LCS 460-211882/2-A		135	138
LCS 460-211882/2-A		135	138
LCS 460-212128/2-A		91	85
460-72180-2 MS	PMP-15SW-VD MS	130	122
460-72180-24 MS	DUP_030714 MS	0X D	0X D
460-72180-26 MS	DUP3_030714 MS	0X D	0X D
460-72180-2 MSD	PMP-15SW-VD MSD	136	125
460-72180-24 MSD	DUP_030714 MSD	0X D	0X D
460-72180-26 MSD	DUP3_030714 MSD	0X D	0X D

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	45-138

Client: Antea USA, Inc.

Job Number: 460-72180-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-72180-27	FB_030714	88	88
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: 460-72180-1

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
460-72180-1	PMP-28SW-SD	79	78
460-72180-2	PMP-15SW-VD	73	71
460-72180-3	PMP-15SW-WT	0X D	0X D
460-72180-4	PMP-15SW-SI	51	44X
460-72180-5	PMP-15SW-SD	59	55
460-72180-6	PMP-16SW-WT	0X D	0X D
460-72180-7	PMP-16SW-SI	57	55
460-72180-8	PMP-17SW-WT	0X D	0X D
460-72180-9	PMP-17SW-SI	0X D	0X D
460-72180-10	PMP-18SW-VD	64	60
460-72180-11	PMP-18SW-WT	52	51
460-72180-12	PMP-18SW-SI	61	80
460-72180-13	PMP-19SW-VD	75	87
460-72180-14	PMP-19SW-WT	0X D	0X D
460-72180-15	PMP-19SW-SI	68	68
460-72180-16	PMP-26SW-VD	77	77
460-72180-17	PMP-26SW-WT	0X D	0X D
460-72180-18	PMP-26SW-SI	46	56
460-72180-19	PMP-27SW-VD	62	61
460-72180-20	PMP-27SW-WT	0X D	0X D
460-72180-21	PMP-27SW-SD	63	71
460-72180-22	PMP-31SW-VS	75	82
460-72180-23	PMP-32SW-VS	69	73
460-72180-24	DUP_030714	0X D	0X D
460-72180-25	DUP2_030714	0X D	0X D
460-72180-26	DUP3_030714	0X D	0X D
460-72180-29	PMP-27SW-SI	54	56
MB 460-211688/1-A		92X	87
MB 460-211689/1-A		74	70

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-72180-1

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
MB 460-211888/1-A		80	70
LCS 460-211688/2-A		104X	103
LCS 460-211689/2-A		75	94
LCS 460-211888/2-A		79	84
460-72180-9 MS	PMP-17SW-SI MS	0X D	0X D
460-72180-20 MS	PMP-27SW-WT MS	0X D	0X D
460-72174-F-25-B MS		78	72
460-72180-9 MSD	PMP-17SW-SI MSD	0X D	0X D
460-72180-20 MSD	PMP-27SW-WT MSD	0X D	0X D
460-72174-F-25-C MSD		83X	72

Surrogate	Acceptance Limits
CB = Chlorobenzene	40-80
OTPH = o-Terphenyl	50-105

Client: Antea USA, Inc.

Job Number: 460-72180-1

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
460-72180-27	FB_030714	75	71
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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-72174-A-26-A MS	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-A-26-A MSD	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.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
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		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-72174-A-26-A MS	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-A-26-A MSD	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.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-72174-A-26-A MS Units: ug/Kg
 Client Matrix: Solid
 Dilution: 100
 Analysis Date: 03/14/2014 0304
 Prep Date: 03/08/2014 1337
 Leach Date: N/A

MSD Lab Sample ID: 460-72174-A-26-A MSD
 Client Matrix: Solid
 Dilution: 100
 Analysis Date: 03/14/2014 0329
 Prep Date: 03/08/2014 1337
 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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211405**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-72174-A-26-A MS Units: ug/Kg
 Client Matrix: Solid
 Dilution: 100
 Analysis Date: 03/14/2014 0304
 Prep Date: 03/08/2014 1337
 Leach Date: N/A

MSD Lab Sample ID: 460-72174-A-26-A MSD
 Client Matrix: Solid
 Dilution: 100
 Analysis Date: 03/14/2014 0329
 Prep Date: 03/08/2014 1337
 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212288

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 460-212288/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0819
 Prep Date: 03/13/2014 0819
 Leach Date: N/A

Analysis Batch: 460-212288
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS1
 Lab File ID: A00522.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212288

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 460-212288/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0819
 Prep Date: 03/13/2014 0819
 Leach Date: N/A

Analysis Batch: 460-212288
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CVOAMS1
 Lab File ID: A00522.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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)	100	70 - 130
Toluene-d8 (Surr)	98	70 - 130
Bromofluorobenzene	98	70 - 130
Dibromofluoromethane (Surr)	103	70 - 130

Method Blank TICs - Batch: 460-212288

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-212288

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-212288/4	Analysis Batch: 460-212288	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A00519.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/13/2014 0706	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 03/13/2014 0706		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.6	83	42 - 150	
Bromomethane	20.0	18.8	94	28 - 150	
Vinyl chloride	20.0	18.2	91	61 - 136	
Chloroethane	20.0	18.0	90	49 - 150	
Methylene Chloride	20.0	19.3	97	77 - 124	
Acetone	100	73.0	73	40 - 150	
Carbon disulfide	20.0	18.2	91	51 - 137	
Trichlorofluoromethane	20.0	20.0	100	43 - 150	
1,1-Dichloroethene	20.0	20.1	100	62 - 128	
1,1-Dichloroethane	20.0	20.2	101	74 - 128	
trans-1,2-Dichloroethene	20.0	20.3	101	73 - 124	
cis-1,2-Dichloroethene	20.0	19.3	96	78 - 121	
Chloroform	20.0	19.3	97	81 - 123	
2-Butanone	100	95.4	95	64 - 141	
1,2-Dichloroethane	20.0	19.4	97	74 - 128	
1,1,1-Trichloroethane	20.0	19.8	99	72 - 126	
Carbon tetrachloride	20.0	20.8	104	63 - 135	
Benzene	20.0	20.3	102	76 - 121	
Bromoform	20.0	15.5	77	54 - 138	
Styrene	20.0	18.5	93	73 - 124	
Ethylbenzene	20.0	19.5	97	74 - 120	
Chlorobenzene	20.0	18.9	94	77 - 120	
Cyclohexane	20.0	22.4	112	35 - 150	
Isopropylbenzene	20.0	17.0	85	75 - 125	
2-Hexanone	100	88.6	89	53 - 138	
MTBE	20.0	18.8	94	73 - 123	
Freon TF	20.0	23.2	116	42 - 145	
Methyl acetate	100	97.7	98	43 - 148	
1,4-Dioxane	400	489	122	43 - 150	
Trichloroethene	20.0	19.9	99	74 - 120	
Toluene	20.0	19.7	99	78 - 120	
trans-1,3-Dichloropropene	20.0	18.8	94	71 - 121	
4-Methyl-2-pentanone	100	97.6	98	55 - 141	
cis-1,3-Dichloropropene	20.0	18.5	93	72 - 122	
1,2-Dichlorobenzene	20.0	19.5	97	76 - 120	
1,3-Dichlorobenzene	20.0	19.3	96	75 - 120	
1,4-Dichlorobenzene	20.0	19.5	97	75 - 120	
1,2,4-Trichlorobenzene	20.0	22.3	111	66 - 126	
1,2,3-Trichlorobenzene	20.0	26.5	133	68 - 126	*
1,2-Dichloropropane	20.0	18.5	92	75 - 122	
Methylcyclohexane	20.0	21.5	108	34 - 150	
Tetrachloroethene	20.0	21.0	105	67 - 129	
Xylenes, Total	40.0	39.0	98	73 - 122	
1,2-Dibromo-3-Chloropropane	20.0	21.2	106	58 - 126	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	60 - 130	
1,1,2-Trichloroethane	20.0	19.2	96	73 - 120	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-212288

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: LCS 460-212288/4	Analysis Batch: 460-212288	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A00519.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/13/2014 0706	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 03/13/2014 0706		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	20.0	16.4	82	69 - 126	
1,2-Dibromoethane	20.0	19.1	95	75 - 120	
Dichlorodifluoromethane	20.0	17.4	87	14 - 150	
Bromochloromethane	20.0	18.2	91	73 - 130	
Bromodichloromethane	20.0	17.2	86	77 - 120	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		105		70 - 130	
Toluene-d8 (Surr)		105		70 - 130	
Bromofluorobenzene		103		70 - 130	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212288**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-72069-A-8 MS	Analysis Batch: 460-212288	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A00530.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/13/2014 1159		Final Weight/Volume: 5 mL
Prep Date: 03/13/2014 1159		5 mL
Leach Date: N/A		

MSD Lab Sample ID: 460-72069-A-8 MSD	Analysis Batch: 460-212288	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A00531.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/13/2014 1219		Final Weight/Volume: 5 mL
Prep Date: 03/13/2014 1219		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloromethane	73	82	42 - 150	11	30		
Bromomethane	89	97	28 - 150	8	30		
Vinyl chloride	86	95	61 - 136	9	30		
Chloroethane	86	95	49 - 150	10	30		
Methylene Chloride	115	119	77 - 124	4	30		
Acetone	50	61	40 - 150	9	30		
Carbon disulfide	83	93	51 - 137	12	30		
Trichlorofluoromethane	97	105	43 - 150	8	30		
1,1-Dichloroethene	96	107	62 - 128	10	30		
1,1-Dichloroethane	98	104	74 - 128	6	30		
trans-1,2-Dichloroethene	97	102	73 - 124	5	30		
cis-1,2-Dichloroethene	93	102	78 - 121	8	30		
Chloroform	96	101	81 - 123	5	30		
2-Butanone	71	86	64 - 141	12	30		
1,2-Dichloroethane	96	102	74 - 128	6	30		
1,1,1-Trichloroethane	95	101	72 - 126	5	30		
Carbon tetrachloride	98	107	63 - 135	8	30		
Benzene	3	59	76 - 121	9	30	4	4
Bromoform	68	74	54 - 138	9	30		
Styrene	92	102	73 - 124	10	30		
Ethylbenzene	-101	-13	74 - 120	8	30	4	4
Chlorobenzene	91	101	77 - 120	10	30		
Cyclohexane	21	49	35 - 150	9	30	F1	
Isopropylbenzene	71	87	75 - 125	10	30	F1	
2-Hexanone	95	105	53 - 138	10	30		
MTBE	90	98	73 - 123	7	30		
Freon TF	114	121	42 - 145	6	30		
Methyl acetate	281	306	43 - 148	9	30	F1	F1
1,4-Dioxane	93	179	43 - 150	63	30		F1 F2
Trichloroethene	97	106	74 - 120	9	30		
Toluene	18	67	78 - 120	9	30	4	4
trans-1,3-Dichloropropene	92	97	71 - 121	6	30		
4-Methyl-2-pentanone	104	112	55 - 141	7	30		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212288**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-72069-A-8 MS	Analysis Batch: 460-212288	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A00530.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/13/2014 1159		Final Weight/Volume: 5 mL
Prep Date: 03/13/2014 1159		5 mL
Leach Date: N/A		

MSD Lab Sample ID: 460-72069-A-8 MSD	Analysis Batch: 460-212288	Instrument ID: CVOAMS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: A00531.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/13/2014 1219		Final Weight/Volume: 5 mL
Prep Date: 03/13/2014 1219		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
cis-1,3-Dichloropropene	90	96	72 - 122	7	30		
1,2-Dichlorobenzene	96	108	76 - 120	11	30		
1,3-Dichlorobenzene	95	105	75 - 120	10	30		
1,4-Dichlorobenzene	95	103	75 - 120	8	30		
1,2,4-Trichlorobenzene	101	130	66 - 126	25	30		F1
1,2,3-Trichlorobenzene	111	159	68 - 126	36	30		F1 F2
1,2-Dichloropropane	89	94	75 - 122	5	30		
Methylcyclohexane	78	90	34 - 150	7	30		
Tetrachloroethene	103	112	67 - 129	8	30		
Xylenes, Total	8	58	73 - 122	9	30	4	4
1,2-Dibromo-3-Chloropropane	101	131	58 - 126	27	30		F1
1,1,2,2-Tetrachloroethane	97	108	60 - 130	11	30		
1,1,2-Trichloroethane	93	96	73 - 120	3	30		
Dibromochloromethane	76	81	69 - 126	7	30		
1,2-Dibromoethane	92	98	75 - 120	7	30		
Dichlorodifluoromethane	71	77	14 - 150	9	30		
Bromochloromethane	93	97	73 - 130	4	30		
Bromodichloromethane	80	88	77 - 120	9	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	105		97	70 - 130			
Toluene-d8 (Surr)	104		97	70 - 130			
Bromofluorobenzene	102		93	70 - 130			

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212288**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-72069-A-8 MS Units: ug/L
 Client Matrix: Water
 Dilution: 5.0
 Analysis Date: 03/13/2014 1159
 Prep Date: 03/13/2014 1159
 Leach Date: N/A

MSD Lab Sample ID: 460-72069-A-8 MSD
 Client Matrix: Water
 Dilution: 5.0
 Analysis Date: 03/13/2014 1219
 Prep Date: 03/13/2014 1219
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloromethane	8.6	100	100	81.4	90.6
Bromomethane	0.90 U	100	100	89.1	97.0
Vinyl chloride	0.70 U	100	100	86.3	94.7
Chloroethane	0.85 U	100	100	86.2	94.9
Methylene Chloride	0.90 U	100	100	115	119
Acetone	320	500	500	575	626
Carbon disulfide	0.65 U	100	100	82.6	93.0
Trichlorofluoromethane	0.75 U	100	100	97.0	105
1,1-Dichloroethene	0.45 U	100	100	96.1	107
1,1-Dichloroethane	0.65 U	100	100	97.7	104
trans-1,2-Dichloroethene	0.65 U	100	100	96.9	102
cis-1,2-Dichloroethene	0.90 U	100	100	93.5	102
Chloroform	0.40 U	100	100	95.8	101
2-Butanone	220	500	500	572	647
1,2-Dichloroethane	0.95 U	100	100	96.2	102
1,1,1-Trichloroethane	0.30 U	100	100	95.5	101
Carbon tetrachloride	0.30 U	100	100	98.0	107
Benzene	620	100	100	625 4	681 4
Bromoform	0.95 U	100	100	67.6	73.8
Styrene	0.60 U	100	100	92.4	102
Ethylbenzene	1200	100	100	1070 4	1160 4
Chlorobenzene	0.55 U	100	100	91.2	101
Cyclohexane	270	100	100	287 F1	314
Isopropylbenzene	84	100	100	155 F1	171
2-Hexanone	21 J	500	500	495	546
MTBE	13	100	100	103	111
Freon TF	0.40 U	100	100	114	121
Methyl acetate	1.7 U	500	500	1410 F1	1530 F1
1,4-Dioxane	180 U	2000	2000	1860	3590 F1 F2
Trichloroethene	0.45 U	100	100	96.8	106
Toluene	540	100	100	554 4	603 4
trans-1,3-Dichloropropene	1.2 U	100	100	91.7	97.1
4-Methyl-2-pentanone	11 J	500	500	533	572
cis-1,3-Dichloropropene	0.90 U	100	100	90.1	96.2
1,2-Dichlorobenzene	1.1 U	100	100	96.3	108
1,3-Dichlorobenzene	0.70 U	100	100	94.8	105
1,4-Dichlorobenzene	1.2 U	100	100	95.3	103
1,2,4-Trichlorobenzene	1.7 U	100	100	101	130 F1
1,2,3-Trichlorobenzene	2.6 U	100	100	111	159 F1 F2
1,2-Dichloropropane	0.45 U	100	100	89.1	93.6
Methylcyclohexane	87	100	100	164	177
Tetrachloroethene	0.50 U	100	100	103	112
Xylenes, Total	1100	200	200	1100 4	1210 4

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212288**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-72069-A-8 MS Units: ug/L
 Client Matrix: Water
 Dilution: 5.0
 Analysis Date: 03/13/2014 1159
 Prep Date: 03/13/2014 1159
 Leach Date: N/A

MSD Lab Sample ID: 460-72069-A-8 MSD
 Client Matrix: Water
 Dilution: 5.0
 Analysis Date: 03/13/2014 1219
 Prep Date: 03/13/2014 1219
 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	2.0	U	100	100	101	131	F1
1,1,2,2-Tetrachloroethane	0.80	U	100	100	97.1	108	
1,1,2-Trichloroethane	0.95	U	100	100	93.2	96.2	
Dibromochloromethane	1.0	U	100	100	75.5	81.4	
1,2-Dibromoethane	1.4	U	100	100	91.8	98.3	
Dichlorodifluoromethane	1.1	U	100	100	70.7	77.0	
Bromochloromethane	1.4	U	100	100	92.8	96.9	
Bromodichloromethane	0.60	U	100	100	80.2	87.5	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212436

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 460-212436/6
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 1954
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-212436
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CVOAMS12
 Lab File ID: O84755.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

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	5.10		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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212436

**Method: 8260B
Preparation: N/A**

Lab Sample ID:	MB 460-212436/6	Analysis Batch:	460-212436	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O84755.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	03/13/2014 1954	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)	89	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	95	70 - 130
Dibromofluoromethane (Surr)	90	70 - 130

Method Blank TICs- Batch: 460-212436

Cas Number	Analyte	RT	Est. Result (ug/K)	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212436**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212436/3	Analysis Batch: 460-212436	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84752.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/13/2014 1828	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-212436/4	Analysis Batch: 460-212436	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84753.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/13/2014 1853	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	134	120	58 - 142	11	30		
Bromomethane	137	118	59 - 150	15	30		
Vinyl chloride	117	102	65 - 135	14	30		
Chloroethane	124	111	63 - 150	11	30		
Methylene Chloride	108	99	80 - 126	8	30		
Acetone	83	79	49 - 150	4	30		
Carbon disulfide	112	103	65 - 141	8	30		
Trichlorofluoromethane	127	112	68 - 145	12	30		
1,1-Dichloroethene	111	101	76 - 127	9	30		
1,1-Dichloroethane	106	98	80 - 130	8	30		
trans-1,2-Dichloroethene	105	96	79 - 129	8	30		
cis-1,2-Dichloroethene	98	90	76 - 124	8	30		
Chloroform	100	91	77 - 122	9	30		
2-Butanone	93	94	58 - 142	1	30		
1,2-Dichloroethane	94	89	76 - 120	5	30		
1,1,1-Trichloroethane	98	93	73 - 127	6	30		
Carbon tetrachloride	93	87	75 - 125	7	30		
Benzene	93	87	80 - 120	7	30		
Bromoform	84	80	68 - 120	5	30		
Styrene	102	95	78 - 120	7	30		
Ethylbenzene	98	93	80 - 120	5	30		
Chlorobenzene	102	95	80 - 120	8	30		
Cyclohexane	96	89	72 - 137	7	30		
Isopropylbenzene	104	96	80 - 120	8	30		
2-Hexanone	88	82	62 - 139	8	30		
MTBE	97	91	77 - 128	6	30		
Freon TF	111	101	78 - 136	10	30		
Methyl acetate	97	93	74 - 138	4	30		
1,4-Dioxane	121	99	57 - 146	20	30		
Trichloroethene	95	89	75 - 120	7	30		
Toluene	96	89	80 - 120	7	30		
trans-1,3-Dichloropropene	90	85	72 - 120	6	30		
4-Methyl-2-pentanone	89	83	60 - 141	7	30		
cis-1,3-Dichloropropene	91	86	77 - 120	6	30		
1,2-Dichlorobenzene	101	94	77 - 120	7	30		
1,3-Dichlorobenzene	100	93	78 - 120	7	30		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212436**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212436/3	Analysis Batch: 460-212436	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84752.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/13/2014 1828	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-212436/4	Analysis Batch: 460-212436	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84753.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/13/2014 1853	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dichlorobenzene	101	94	77 - 120	7	30		
1,2,4-Trichlorobenzene	108	100	68 - 120	8	30		
1,2,3-Trichlorobenzene	104	96	70 - 120	9	30		
1,2-Dichloropropane	93	88	74 - 127	5	30		
Methylcyclohexane	100	93	74 - 126	7	30		
Tetrachloroethene	98	92	76 - 120	6	30		
Xylenes, Total	98	92	78 - 120	6	30		
1,2-Dibromo-3-Chloropropane	81	74	64 - 129	9	30		
1,1,2,2-Tetrachloroethane	91	84	74 - 124	8	30		
1,1,2-Trichloroethane	88	85	80 - 120	4	30		
Dibromochloromethane	87	80	76 - 120	9	30		
1,2-Dibromoethane	92	86	79 - 120	7	30		
Dichlorodifluoromethane	125	109	52 - 138	13	30		
Bromochloromethane	105	94	72 - 122	11	30		
Bromodichloromethane	94	87	77 - 122	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	85	70 - 130
Toluene-d8 (Surr)	92	87	70 - 130
Bromofluorobenzene	100	94	70 - 130

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212436**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212436/3 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 1828
 Prep Date: N/A
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-212436/4
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 1853
 Prep 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	26.8	24.0
Bromomethane	20.0	20.0	27.5	23.6
Vinyl chloride	20.0	20.0	23.3	20.3
Chloroethane	20.0	20.0	24.9	22.2
Methylene Chloride	20.0	20.0	21.5	19.8
Acetone	100	100	82.5	79.1
Carbon disulfide	20.0	20.0	22.4	20.6
Trichlorofluoromethane	20.0	20.0	25.3	22.3
1,1-Dichloroethene	20.0	20.0	22.1	20.1
1,1-Dichloroethane	20.0	20.0	21.3	19.7
trans-1,2-Dichloroethene	20.0	20.0	21.0	19.3
cis-1,2-Dichloroethene	20.0	20.0	19.6	18.1
Chloroform	20.0	20.0	19.9	18.2
2-Butanone	100	100	92.6	93.5
1,2-Dichloroethane	20.0	20.0	18.7	17.8
1,1,1-Trichloroethane	20.0	20.0	19.7	18.5
Carbon tetrachloride	20.0	20.0	18.7	17.5
Benzene	20.0	20.0	18.7	17.4
Bromoform	20.0	20.0	16.7	15.9
Styrene	20.0	20.0	20.4	19.0
Ethylbenzene	20.0	20.0	19.6	18.7
Chlorobenzene	20.0	20.0	20.4	18.9
Cyclohexane	20.0	20.0	19.3	17.9
Isopropylbenzene	20.0	20.0	20.8	19.2
2-Hexanone	100	100	88.1	81.6
MTBE	20.0	20.0	19.4	18.3
Freon TF	20.0	20.0	22.3	20.2
Methyl acetate	100	100	97.3	93.1
1,4-Dioxane	400	400	485	397
Trichloroethene	20.0	20.0	19.0	17.8
Toluene	20.0	20.0	19.3	17.9
trans-1,3-Dichloropropene	20.0	20.0	18.0	17.0
4-Methyl-2-pentanone	100	100	89.0	82.9
cis-1,3-Dichloropropene	20.0	20.0	18.2	17.2
1,2-Dichlorobenzene	20.0	20.0	20.2	18.8
1,3-Dichlorobenzene	20.0	20.0	20.0	18.7
1,4-Dichlorobenzene	20.0	20.0	20.1	18.8
1,2,4-Trichlorobenzene	20.0	20.0	21.5	19.9
1,2,3-Trichlorobenzene	20.0	20.0	20.9	19.1

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212436**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212436/3 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 1828
 Prep Date: N/A
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-212436/4
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 1853
 Prep 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	18.6	17.7
Methylcyclohexane	20.0	20.0	19.9	18.6
Tetrachloroethene	20.0	20.0	19.6	18.4
Xylenes, Total	40.0	40.0	39.3	36.9
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.3	14.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.2	16.8
1,1,2-Trichloroethane	20.0	20.0	17.7	17.0
Dibromochloromethane	20.0	20.0	17.4	16.0
1,2-Dibromoethane	20.0	20.0	18.3	17.1
Dichlorodifluoromethane	20.0	20.0	24.9	21.8
Bromochloromethane	20.0	20.0	21.0	18.9
Bromodichloromethane	20.0	20.0	18.8	17.5

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212509

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 460-212509/6
 Client Matrix: Solid
 Dilution: 50
 Analysis Date: 03/13/2014 2322
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-212509
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CVOAMS8
 Lab File ID: J09967.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212542

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 460-212542/6
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/14/2014 0644
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-212542
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CVOAMS12
 Lab File ID: O84778.D
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

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	5.18		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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212542

**Method: 8260B
Preparation: N/A**

Lab Sample ID:	MB 460-212542/6	Analysis Batch:	460-212542	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O84778.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	03/14/2014 0644	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)	87	70 - 130
Toluene-d8 (Surr)	88	70 - 130
Bromofluorobenzene	93	70 - 130
Dibromofluoromethane (Surr)	90	70 - 130

Method Blank TICs- Batch: 460-212542

Cas Number	Analyte	RT	Est. Result (ug/K)	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212542**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212542/3	Analysis Batch: 460-212542	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84775.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/14/2014 0516	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-212542/17	Analysis Batch: 460-212542	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84789.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/14/2014 1116	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	133	108	58 - 142	21	30		
Bromomethane	131	110	59 - 150	17	30		
Vinyl chloride	118	98	65 - 135	18	30		
Chloroethane	122	103	63 - 150	18	30		
Methylene Chloride	109	95	80 - 126	14	30		
Acetone	96	83	49 - 150	15	30		
Carbon disulfide	112	95	65 - 141	17	30		
Trichlorofluoromethane	129	106	68 - 145	19	30		
1,1-Dichloroethene	109	96	76 - 127	13	30		
1,1-Dichloroethane	108	93	80 - 130	15	30		
trans-1,2-Dichloroethene	103	95	79 - 129	8	30		
cis-1,2-Dichloroethene	95	88	76 - 124	7	30		
Chloroform	98	90	77 - 122	8	30		
2-Butanone	92	85	58 - 142	8	30		
1,2-Dichloroethane	92	88	76 - 120	5	30		
1,1,1-Trichloroethane	98	91	73 - 127	8	30		
Carbon tetrachloride	93	85	75 - 125	9	30		
Benzene	90	92	80 - 120	3	30		
Bromoform	83	75	68 - 120	10	30		
Styrene	100	93	78 - 120	7	30		
Ethylbenzene	95	90	80 - 120	5	30		
Chlorobenzene	99	95	80 - 120	4	30		
Cyclohexane	94	89	72 - 137	6	30		
Isopropylbenzene	102	96	80 - 120	6	30		
2-Hexanone	87	84	62 - 139	4	30		
MTBE	92	97	77 - 128	5	30		
Freon TF	113	103	78 - 136	9	30		
Methyl acetate	93	91	74 - 138	2	30		
1,4-Dioxane	114	110	57 - 146	3	30		
Trichloroethene	89	88	75 - 120	1	30		
Toluene	93	93	80 - 120	0	30		
trans-1,3-Dichloropropene	86	87	72 - 120	1	30		
4-Methyl-2-pentanone	80	88	60 - 141	10	30		
cis-1,3-Dichloropropene	86	89	77 - 120	4	30		
1,2-Dichlorobenzene	97	94	77 - 120	4	30		
1,3-Dichlorobenzene	96	92	78 - 120	4	30		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-212542**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212542/3	Analysis Batch: 460-212542	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84775.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/14/2014 0516	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 460-212542/17	Analysis Batch: 460-212542	Instrument ID: CVOAMS12
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: O84789.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 g
Analysis Date: 03/14/2014 1116	Units: ug/Kg	Final Weight/Volume: 5 mL
Prep Date: N/A		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dichlorobenzene	96	94	77 - 120	2	30		
1,2,4-Trichlorobenzene	104	99	68 - 120	5	30		
1,2,3-Trichlorobenzene	101	97	70 - 120	4	30		
1,2-Dichloropropane	92	89	74 - 127	2	30		
Methylcyclohexane	94	92	74 - 126	2	30		
Tetrachloroethene	95	94	76 - 120	2	30		
Xylenes, Total	95	90	78 - 120	5	30		
1,2-Dibromo-3-Chloropropane	77	74	64 - 129	4	30		
1,1,2,2-Tetrachloroethane	88	87	74 - 124	1	30		
1,1,2-Trichloroethane	83	89	80 - 120	7	30		
Dibromochloromethane	80	80	76 - 120	0	30		
1,2-Dibromoethane	86	87	79 - 120	1	30		
Dichlorodifluoromethane	124	100	52 - 138	21	30		
Bromochloromethane	106	93	72 - 122	13	30		
Bromodichloromethane	91	85	77 - 122	7	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	88		83	70 - 130			
Toluene-d8 (Surr)	86		89	70 - 130			
Bromofluorobenzene	96		91	70 - 130			

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212542**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212542/3 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/14/2014 0516
 Prep Date: N/A
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-212542/17
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/14/2014 1116
 Prep 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	26.7	21.5
Bromomethane	20.0	20.0	26.2	22.1
Vinyl chloride	20.0	20.0	23.5	19.7
Chloroethane	20.0	20.0	24.5	20.5
Methylene Chloride	20.0	20.0	21.9	19.0
Acetone	100	100	95.7	82.7
Carbon disulfide	20.0	20.0	22.4	18.9
Trichlorofluoromethane	20.0	20.0	25.8	21.3
1,1-Dichloroethene	20.0	20.0	21.8	19.2
1,1-Dichloroethane	20.0	20.0	21.6	18.6
trans-1,2-Dichloroethene	20.0	20.0	20.7	19.0
cis-1,2-Dichloroethene	20.0	20.0	18.9	17.7
Chloroform	20.0	20.0	19.6	18.0
2-Butanone	100	100	91.9	84.6
1,2-Dichloroethane	20.0	20.0	18.4	17.6
1,1,1-Trichloroethane	20.0	20.0	19.7	18.1
Carbon tetrachloride	20.0	20.0	18.5	17.0
Benzene	20.0	20.0	18.0	18.4
Bromoform	20.0	20.0	16.6	15.1
Styrene	20.0	20.0	20.0	18.6
Ethylbenzene	20.0	20.0	19.1	18.1
Chlorobenzene	20.0	20.0	19.8	19.0
Cyclohexane	20.0	20.0	18.8	17.7
Isopropylbenzene	20.0	20.0	20.3	19.2
2-Hexanone	100	100	86.7	83.6
MTBE	20.0	20.0	18.4	19.4
Freon TF	20.0	20.0	22.5	20.5
Methyl acetate	100	100	93.2	91.0
1,4-Dioxane	400	400	457	442
Trichloroethene	20.0	20.0	17.8	17.6
Toluene	20.0	20.0	18.6	18.6
trans-1,3-Dichloropropene	20.0	20.0	17.2	17.3
4-Methyl-2-pentanone	100	100	79.6	88.1
cis-1,3-Dichloropropene	20.0	20.0	17.2	17.8
1,2-Dichlorobenzene	20.0	20.0	19.5	18.7
1,3-Dichlorobenzene	20.0	20.0	19.2	18.5
1,4-Dichlorobenzene	20.0	20.0	19.2	18.8
1,2,4-Trichlorobenzene	20.0	20.0	20.7	19.8
1,2,3-Trichlorobenzene	20.0	20.0	20.2	19.3

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-212542**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-212542/3 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/14/2014 0516
 Prep Date: N/A
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-212542/17
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/14/2014 1116
 Prep 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	18.3	17.9
Methylcyclohexane	20.0	20.0	18.7	18.4
Tetrachloroethene	20.0	20.0	19.1	18.8
Xylenes, Total	40.0	40.0	38.0	36.0
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.3	14.7
1,1,2,2-Tetrachloroethane	20.0	20.0	17.6	17.4
1,1,2-Trichloroethane	20.0	20.0	16.6	17.8
Dibromochloromethane	20.0	20.0	16.0	15.9
1,2-Dibromoethane	20.0	20.0	17.2	17.4
Dichlorodifluoromethane	20.0	20.0	24.8	20.1
Bromochloromethane	20.0	20.0	21.2	18.6
Bromodichloromethane	20.0	20.0	18.2	16.9

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212620

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 460-212620/6
 Client Matrix: Solid
 Dilution: 50
 Analysis Date: 03/14/2014 1205
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 460-212620
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CVOAMS8
 Lab File ID: J09997.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212620

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 460-212620/6	Analysis Batch: 460-212620	Instrument ID: CVOAMS8
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: J09997.D
Dilution: 50	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/14/2014 1205	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)	107	75 - 135
Toluene-d8 (Surr)	112	59 - 150
Bromofluorobenzene	111	72 - 133
Dibromofluoromethane (Surr)	109	70 - 130

Method Blank TICs- Batch: 460-212620

Cas Number	Analyte	RT	Est. Result (ug/K)	Qual
	Tentatively Identified Compound		None	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-212620

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 460-212620/3	Analysis Batch: 460-212620	Instrument ID: CVOAMS8
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: J09994.D
Dilution: 50	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 03/14/2014 1030	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	971	97	52 - 144	
Bromomethane	1000	947	95	58 - 154	
Vinyl chloride	1000	949	95	55 - 154	
Chloroethane	1000	1180	118	66 - 144	
Methylene Chloride	1000	1010	101	78 - 118	
Acetone	5000	6030	121	48 - 177	
Carbon disulfide	1000	871	87	70 - 120	
Trichlorofluoromethane	1000	872	87	60 - 148	
1,1-Dichloroethene	1000	848	85	68 - 138	
1,1-Dichloroethane	1000	988	99	79 - 119	
trans-1,2-Dichloroethene	1000	919	92	73 - 119	
cis-1,2-Dichloroethene	1000	1000	100	78 - 118	
Chloroform	1000	1020	102	81 - 122	
2-Butanone	5000	6200	124	70 - 139	
1,2-Dichloroethane	1000	1060	106	81 - 121	
1,1,1-Trichloroethane	1000	865	86	78 - 118	
Carbon tetrachloride	1000	655	65	64 - 130	
Benzene	1000	1000	100	71 - 118	
Bromoform	1000	879	88	76 - 133	
Styrene	1000	984	98	73 - 126	
Ethylbenzene	1000	900	90	78 - 124	
Chlorobenzene	1000	979	98	69 - 124	
Cyclohexane	1000	628	63	69 - 128	*
Isopropylbenzene	1000	886	89	80 - 143	
2-Hexanone	5000	6590	132	62 - 123	*
MTBE	1000	1060	106	65 - 143	
Freon TF	1000	662	66	50 - 128	
Methyl acetate	5000	5800	116	72 - 165	
1,4-Dioxane	20000	25400	127	54 - 147	
Trichloroethene	1000	944	94	82 - 122	
Toluene	1000	963	96	79 - 136	
trans-1,3-Dichloropropene	1000	1000	100	73 - 118	
4-Methyl-2-pentanone	5000	5660	113	69 - 124	
cis-1,3-Dichloropropene	1000	1030	103	75 - 120	
1,2-Dichlorobenzene	1000	1020	102	83 - 123	
1,3-Dichlorobenzene	1000	998	100	83 - 123	
1,4-Dichlorobenzene	1000	994	99	84 - 124	
1,2,4-Trichlorobenzene	1000	986	99	62 - 144	
1,2,3-Trichlorobenzene	1000	1000	100	36 - 207	
1,2-Dichloropropane	1000	1000	100	78 - 118	
Methylcyclohexane	1000	589	59	80 - 134	*
Tetrachloroethene	1000	907	91	78 - 136	
Xylenes, Total	2000	1890	94	78 - 126	
1,2-Dibromo-3-Chloropropane	1000	916	92	62 - 127	
1,1,2,2-Tetrachloroethane	1000	1170	117	86 - 145	
1,1,2-Trichloroethane	1000	1100	110	77 - 120	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-212620

**Method: 8260B
Preparation: N/A**

Lab Sample ID:	LCS 460-212620/3	Analysis Batch:	460-212620	Instrument ID:	CVOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	J09994.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1030	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	930	93	78 - 118	
1,2-Dibromoethane	1000	1050	105	76 - 120	
Dichlorodifluoromethane	1000	937	94	41 - 149	
Bromochloromethane	1000	1040	104	81 - 121	
Bromodichloromethane	1000	1020	102	78 - 118	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		75 - 135	
Toluene-d8 (Surr)		99		59 - 150	
Bromofluorobenzene		95		72 - 133	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211622

**Method: 8270C
Preparation: 3510C**

Lab Sample ID: MB 460-211622/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0235
 Prep Date: 03/10/2014 0935
 Leach Date: N/A

Analysis Batch: 460-212257
 Prep Batch: 460-211622
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CBNAMS11
 Lab File ID: z8776.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 1 uL

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211622

**Method: 8270C
Preparation: 3510C**

Lab Sample ID: MB 460-211622/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0235
 Prep Date: 03/10/2014 0935
 Leach Date: N/A

Analysis Batch: 460-212257
 Prep Batch: 460-211622
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CBNAMS11
 Lab File ID: z8776.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 1 uL

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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
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		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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		

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0258
 Prep Date: 03/10/2014 0935
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-211622/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0321
 Prep Date: 03/10/2014 0935
 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0258
 Prep Date: 03/10/2014 0935
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-211622/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/13/2014 0321
 Prep Date: 03/10/2014 0935
 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/13/2014 0344
Prep Date: 03/10/2014 0935
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-211622/5-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/13/2014 0407
Prep Date: 03/10/2014 0935
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzaldehyde	200	200	214	210

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211814

**Method: 8270C
Preparation: 3541**

Lab Sample ID: MB 460-211814/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 1023
 Prep Date: 03/11/2014 0837
 Leach Date: N/A

Analysis Batch: 460-212016
 Prep Batch: 460-211814
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CBNAMS12
 Lab File ID: L1147894.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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	330
2,6-Dinitrotoluene	10	U	10	67
Dimethyl phthalate	39	U	39	330
Acenaphthylene	39	U	39	330
3-Nitroaniline	120	U	120	330
Acenaphthene	48	U	48	330
4-Nitrophenol	210	U	210	330
2,4-Dinitrophenol	190	U	190	670
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	670

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211814

**Method: 8270C
Preparation: 3541**

Lab Sample ID: MB 460-211814/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 1023
 Prep Date: 03/11/2014 0837
 Leach Date: N/A

Analysis Batch: 460-212016
 Prep Batch: 460-211814
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CBNAMS12
 Lab File ID: L1147894.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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	670
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	330
1,2,4,5-Tetrachlorobenzene	45	U	45	330
2,3,4,6-Tetrachlorophenol	43	U	43	330

Surrogate	% Rec	Acceptance Limits
Phenol-d5	73	44 - 104
2,4,6-Tribromophenol	50	19 - 114
Nitrobenzene-d5	81	40 - 106
2-Fluorophenol	71	39 - 103
2-Fluorobiphenyl	79	49 - 112
Terphenyl-d14	90	41 - 145

Method Blank TICs- Batch: 460-211814

Cas Number	Analyte	RT	Est. Result (ug/K)	Qual
	Aldol condensation product	2.18	6290	J A

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-211814

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 460-211814/2-A	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147895.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1047	Units: ug/Kg	Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6670	2310	35	10 - 139	
Surrogate		% Rec		Acceptance Limits	
Phenol-d5		71		44 - 104	
2,4,6-Tribromophenol		48		19 - 114	
Nitrobenzene-d5		78		40 - 106	
2-Fluorophenol		69		39 - 103	
2-Fluorobiphenyl		74		49 - 112	
Terphenyl-d14		87		41 - 145	

Lab Control Sample - Batch: 460-211814

Method: 8270C
Preparation: 3541

Lab Sample ID: LCS 460-211814/3-A	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147896.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1113	Units: ug/Kg	Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2050	61	46 - 97	
2-Chlorophenol	3330	2100	63	49 - 96	
2-Methylphenol	3330	2150	64	47 - 99	
4-Methylphenol	3330	2100	63	43 - 100	
Acetophenone	3330	2220	66	10 - 126	
Bis(2-chloroethyl)ether	3330	2290	69	45 - 92	
2,2'-oxybis[1-chloropropane]	3330	2340	70	31 - 101	
N-Nitrosodi-n-propylamine	3330	2330	70	49 - 99	
Nitrobenzene	3330	2440	73	33 - 72	*
Hexachloroethane	3330	2250	68	47 - 88	
Isophorone	3330	2290	69	51 - 100	
2-Nitrophenol	3330	2210	66	51 - 98	
2,4-Dimethylphenol	3330	2110	63	46 - 95	
2,4-Dichlorophenol	3330	2080	62	50 - 100	
Bis(2-chloroethoxy)methane	3330	2250	67	48 - 95	
Naphthalene	3330	2190	66	48 - 92	
4-Chloroaniline	3330	749	22	10 - 86	
Hexachlorobutadiene	3330	2160	65	49 - 97	
Caprolactam	3330	1810	54	10 - 120	
4-Chloro-3-methylphenol	3330	2110	63	50 - 102	
2-Methylnaphthalene	3330	2170	65	52 - 100	
Hexachlorobenzene	3330	2200	66	50 - 104	
Hexachlorocyclopentadiene	3330	2760	83	43 - 115	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-211814

**Method: 8270C
Preparation: 3541**

Lab Sample ID: LCS 460-211814/3-A	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147896.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1113	Units: ug/Kg	Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	3330	2130	64	49 - 96	
2,4,5-Trichlorophenol	3330	2130	64	49 - 96	
Diphenyl	3330	2320	70	10 - 134	
2-Chloronaphthalene	3330	2280	68	49 - 93	
2-Nitroaniline	3330	2300	69	35 - 92	
2,6-Dinitrotoluene	3330	2160	65	52 - 104	
Dimethyl phthalate	3330	2110	63	51 - 99	
Acenaphthylene	3330	2290	69	49 - 97	
3-Nitroaniline	3330	1300	39	19 - 90	
Acenaphthene	3330	2230	67	48 - 99	
4-Nitrophenol	6670	3620	54	34 - 112	
2,4-Dinitrophenol	6670	3410	51	10 - 139	
Dibenzofuran	3330	2170	65	50 - 96	
Diethyl phthalate	3330	2050	61	46 - 100	
Fluorene	3330	2110	63	50 - 95	
Fluoranthene	3330	2000	60	45 - 101	
Di-n-butyl phthalate	3330	2020	61	50 - 99	
2,4-Dinitrotoluene	3330	2100	63	49 - 102	
4-Chlorophenyl phenyl ether	3330	2060	62	49 - 95	
4-Nitroaniline	3330	1870	56	33 - 102	
4,6-Dinitro-2-methylphenol	6670	4270	64	14 - 128	
4-Bromophenyl phenyl ether	3330	2210	66	50 - 103	
Atrazine	3330	1890	57	10 - 147	
Anthracene	3330	2250	67	51 - 97	
Carbazole	3330	2170	65	50 - 102	
Phenanthrene	3330	2230	67	51 - 97	
Pentachlorophenol	6670	3590	54	37 - 99	
Pyrene	3330	2580	77	39 - 119	
Chrysene	3330	2290	69	50 - 94	
Benzo[k]fluoranthene	3330	2230	67	53 - 113	
Benzo[g,h,i]perylene	3330	2420	73	46 - 120	
Benzo[b]fluoranthene	3330	2280	68	55 - 115	
Benzo[a]pyrene	3330	2260	68	59 - 116	
Benzo[a]anthracene	3330	2200	66	51 - 97	
N-Nitrosodiphenylamine	3330	2390	72	51 - 103	
Butyl benzyl phthalate	3330	2330	70	47 - 107	
Bis(2-ethylhexyl) phthalate	3330	2080	62	47 - 102	
Di-n-octyl phthalate	3330	2250	67	43 - 120	
Indeno[1,2,3-cd]pyrene	3330	2470	74	47 - 124	
Dibenz(a,h)anthracene	3330	2460	74	48 - 115	
3,3'-Dichlorobenzidine	3330	1190	36	9 - 89	
1,2,4,5-Tetrachlorobenzene	3330	2270	68	45 - 95	
2,3,4,6-Tetrachlorophenol	3330	1990	60	49 - 104	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	59	44 - 104

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	49	19 - 114
Nitrobenzene-d5	65	40 - 106
2-Fluorophenol	57	39 - 103
2-Fluorobiphenyl	65	49 - 112
Terphenyl-d14	67	41 - 145

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211814**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-71983-A-7-A MS	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147905.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 15.01 g
Analysis Date: 03/12/2014 1455		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-71983-A-7-B MSD	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147906.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 15.04 g
Analysis Date: 03/12/2014 1520		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phenol	78	74	46 - 97	5	30		
2-Chlorophenol	78	76	49 - 96	3	30		
2-Methylphenol	81	78	47 - 99	4	30		
4-Methylphenol	74	76	43 - 100	2	30		
Benzaldehyde	74	84	10 - 139	13	30		
Acetophenone	78	76	10 - 126	2	30		
Bis(2-chloroethyl)ether	75	80	45 - 92	6	30		
2,2'-oxybis[1-chloropropane]	81	81	31 - 101	0	30		
N-Nitrosodi-n-propylamine	87	81	49 - 99	7	30		
Nitrobenzene	85	90	33 - 72	6	30	F1	F1
Hexachloroethane	72	74	47 - 88	3	30		
Isophorone	87	85	51 - 100	2	30		
2-Nitrophenol	69	64	51 - 98	7	30		
2,4-Dimethylphenol	82	80	46 - 95	4	30		
2,4-Dichlorophenol	75	70	50 - 100	8	30		
Bis(2-chloroethoxy)methane	87	84	48 - 95	4	30		
Naphthalene	83	81	48 - 92	2	30		
4-Chloroaniline	66	66	10 - 86	1	30		
Hexachlorobutadiene	73	77	49 - 97	6	30		
Caprolactam	53	55	10 - 120	3	30		
4-Chloro-3-methylphenol	82	81	50 - 102	1	30		
2-Methylnaphthalene	80	76	52 - 100	4	30		
Hexachlorobenzene	86	78	50 - 104	10	30		
Hexachlorocyclopentadiene	0	0	43 - 115	NC	30	U F1	U F1
2,4,6-Trichlorophenol	73	67	49 - 96	9	30		
2,4,5-Trichlorophenol	76	67	49 - 96	12	30		
Diphenyl	94	93	10 - 134	2	30		
2-Chloronaphthalene	89	88	49 - 93	1	30		
2-Nitroaniline	90	90	35 - 92	0	30		
2,6-Dinitrotoluene	87	86	52 - 104	2	30		
Dimethyl phthalate	89	87	51 - 99	2	30		
Acenaphthylene	92	92	49 - 97	1	30		
3-Nitroaniline	75	83	19 - 90	11	30		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211814**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-71983-A-7-A MS
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 03/12/2014 1455
Prep Date: 03/11/2014 0837
Leach Date: N/A

Analysis Batch: 460-212016
Prep Batch: 460-211814
Leach Batch: N/A

Instrument ID: CBNAMS12
Lab File ID: L1147905.D
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-71983-A-7-B MSD
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 03/12/2014 1520
Prep Date: 03/11/2014 0837
Leach Date: N/A

Analysis Batch: 460-212016
Prep Batch: 460-211814
Leach Batch: N/A

Instrument ID: CBNAMS12
Lab File ID: L1147906.D
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acenaphthene	85	82	48 - 99	3	30		
4-Nitrophenol	77	90	34 - 112	15	30		
2,4-Dinitrophenol	0	0	10 - 139	NC	30	U F1	U F1
Dibenzofuran	93	89	50 - 96	5	30		
Diethyl phthalate	80	78	46 - 100	3	30		
Fluorene	78	72	50 - 95	6	30		
Fluoranthene	73	45	45 - 101	24	30		
Di-n-butyl phthalate	80	74	50 - 99	8	30		
2,4-Dinitrotoluene	106	89	49 - 102	18	30	F1	
4-Chlorophenyl phenyl ether	77	74	49 - 95	4	30		
4-Nitroaniline	72	66	33 - 102	8	30	J	J
4,6-Dinitro-2-methylphenol	50	47	14 - 128	6	30		J
4-Bromophenyl phenyl ether	87	81	50 - 103	8	30		
Atrazine	75	78	10 - 147	4	30		
Anthracene	93	78	51 - 97	15	30		
Carbazole	83	78	50 - 102	5	30		
Phenanthrene	83	49	51 - 97	22	30		F1
Pentachlorophenol	55	56	37 - 99	2	30		
Pyrene	89	57	39 - 119	25	30		
Chrysene	81	72	50 - 94	9	30		
Benzo[k]fluoranthene	83	73	53 - 113	11	30		
Benzo[g,h,i]perylene	101	92	46 - 120	8	30		
Benzo[b]fluoranthene	74	59	55 - 115	15	30		
Benzo[a]pyrene	86	72	59 - 116	13	30		
Benzo[a]anthracene	81	69	51 - 97	12	30		
N-Nitrosodiphenylamine	113	104	51 - 103	8	30	F1	F1
Butyl benzyl phthalate	77	75	47 - 107	3	30		
Bis(2-ethylhexyl) phthalate	77	78	47 - 102	1	30		
Di-n-octyl phthalate	71	66	43 - 120	7	30		
Indeno[1,2,3-cd]pyrene	114	105	47 - 124	7	30		
Dibenz(a,h)anthracene	103	99	48 - 115	4	30		
3,3'-Dichlorobenzidine	90	92	9 - 89	2	30	F1	F1
1,2,4,5-Tetrachlorobenzene	85	86	45 - 95	1	30		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211814**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-71983-A-7-A MS	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147905.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 15.01 g
Analysis Date: 03/12/2014 1455		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-71983-A-7-B MSD	Analysis Batch: 460-212016	Instrument ID: CBNAMS12
Client Matrix: Solid	Prep Batch: 460-211814	Lab File ID: L1147906.D
Dilution: 5.0	Leach Batch: N/A	Initial Weight/Volume: 15.04 g
Analysis Date: 03/12/2014 1520		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0837		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,3,4,6-Tetrachlorophenol	51	43	49 - 104	17	30		J F1
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
2,4,6-Tribromophenol		54	53			19 - 114	
Phenol-d5		78	77			44 - 104	
2-Fluorophenol		75	69			39 - 103	
Nitrobenzene-d5		88	87			40 - 106	
2-Fluorobiphenyl		92	90			49 - 112	
Terphenyl-d14		83	78			41 - 145	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211814**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-71983-A-7-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 03/12/2014 1455
Prep Date: 03/11/2014 0837
Leach Date: N/A

MSD Lab Sample ID: 460-71983-A-7-B MSD
Client Matrix: Solid
Dilution: 5.0
Analysis Date: 03/12/2014 1520
Prep Date: 03/11/2014 0837
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	260 U	3830	3820	2980	2850
2-Chlorophenol	250 U	3830	3820	3000	2920
2-Methylphenol	320 U	3830	3820	3110	2980
4-Methylphenol	370 U	3830	3820	2820	2890
Benzaldehyde	220 U	7660	7640	5650	6430
Acetophenone	290 U	3830	3820	2970	2910
Bis(2-chloroethyl)ether	26 U	3830	3820	2890	3060
2,2'-oxybis[1-chloropropane]	210 U	3830	3820	3120	3110
N-Nitrosodi-n-propylamine	32 U	3830	3820	3330	3110
Nitrobenzene	27 U	3830	3820	3250 F1	3440 F1
Hexachloroethane	21 U	3830	3820	2750	2830
Isophorone	230 U	3830	3820	3320	3260
2-Nitrophenol	210 U	3830	3820	2620	2450
2,4-Dimethylphenol	470 U	3830	3820	3160	3050
2,4-Dichlorophenol	280 U	3830	3820	2890	2670
Bis(2-chloroethoxy)methane	250 U	3830	3820	3330	3200
Naphthalene	260 J	3830	3820	3430	3370
4-Chloroaniline	500 U	3830	3820	2510	2540
Hexachlorobutadiene	46 U	3830	3820	2780	2950
Caprolactam	440 U	3830	3820	2040	2100
4-Chloro-3-methylphenol	290 U	3830	3820	3130	3080
2-Methylnaphthalene	530 J	3830	3820	3580	3450
Hexachlorobenzene	26 U	3830	3820	3290	2970
Hexachlorocyclopentadiene	220 U	3830	3820	220 U F1	220 U F1
2,4,6-Trichlorophenol	220 U	3830	3820	2780	2550
2,4,5-Trichlorophenol	250 U	3830	3820	2900	2560
Diphenyl	250 U	3830	3820	3600	3540
2-Chloronaphthalene	210 U	3830	3820	3400	3350
2-Nitroaniline	790 U	3830	3820	3440	3450
2,6-Dinitrotoluene	57 U	3830	3820	3350	3270
Dimethyl phthalate	230 U	3830	3820	3400	3320
Acenaphthylene	220 U	3830	3820	3530	3500
3-Nitroaniline	670 U	3830	3820	2860	3190
Acenaphthene	460 J	3830	3820	3700	3580
4-Nitrophenol	1200 U	7660	7640	5860	6840
2,4-Dinitrophenol	1100 U	7660	7640	1100 U F1	1100 U F1
Dibenzofuran	220 U	3830	3820	3560	3400
Diethyl phthalate	230 U	3830	3820	3060	2970
Fluorene	720 J	3830	3820	3700	3470
Fluoranthene	2300 U	3830	3820	5110	4030
Di-n-butyl phthalate	230 U	3830	3820	3060	2840
2,4-Dinitrotoluene	63 U	3830	3820	4070 F1	3410
4-Chlorophenyl phenyl ether	220 U	3830	3820	2960	2830

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211814**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-71983-A-7-A MS Units: ug/Kg
 Client Matrix: Solid
 Dilution: 5.0
 Analysis Date: 03/12/2014 1455
 Prep Date: 03/11/2014 0837
 Leach Date: N/A

MSD Lab Sample ID: 460-71983-A-7-B MSD
 Client Matrix: Solid
 Dilution: 5.0
 Analysis Date: 03/12/2014 1520
 Prep Date: 03/11/2014 0837
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Nitroaniline	590 U	3830	3820	2750 J	2530 J
4,6-Dinitro-2-methylphenol	520 U	7660	7640	3830	3590 J
4-Bromophenyl phenyl ether	190 U	3830	3820	3340	3090
Atrazine	290 U	3830	3820	2880	3000
Anthracene	570 J	3830	3820	4140	3560
Carbazole	390 J	3830	3820	3560	3380
Phenanthrene	3400	3830	3820	6580	5300 F1
Pentachlorophenol	570 U	7660	7640	4220	4290
Pyrene	2200	3830	3820	5560	4330
Chrysene	1100 J	3830	3820	4220	3870
Benzo[k]fluoranthene	470	3830	3820	3630	3260
Benzo[g,h,i]perylene	770 J	3830	3820	4650	4270
Benzo[b]fluoranthene	1100	3830	3820	3980	3420
Benzo[a]pyrene	990	3830	3820	4260	3750
Benzo[a]anthracene	1100	3830	3820	4200	3730
N-Nitrosodiphenylamine	190 U	3830	3820	4330 F1	3980 F1
Butyl benzyl phthalate	270 J	3830	3820	3220	3120
Bis(2-ethylhexyl) phthalate	630 U	3830	3820	2940	2960
Di-n-octyl phthalate	120 U	3830	3820	2700	2530
Indeno[1,2,3-cd]pyrene	770	3830	3820	5150	4780
Dibenz(a,h)anthracene	200	3830	3820	4130	3970
3,3'-Dichlorobenzidine	670 U	3830	3820	3460 F1	3520 F1
1,2,4,5-Tetrachlorobenzene	260 U	3830	3820	3270	3290
2,3,4,6-Tetrachlorophenol	250 U	3830	3820	1970	1660 J F1

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211817

**Method: 8270C
Preparation: 3541**

Lab Sample ID: MB 460-211817/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0843
 Prep Date: 03/11/2014 0844
 Leach Date: N/A

Analysis Batch: 460-212014
 Prep Batch: 460-211817
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CBNAMS4
 Lab File ID: U94469.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211817

**Method: 8270C
Preparation: 3541**

Lab Sample ID: MB 460-211817/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0843
 Prep Date: 03/11/2014 0844
 Leach Date: N/A

Analysis Batch: 460-212014
 Prep Batch: 460-211817
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CBNAMS4
 Lab File ID: U94469.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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	98	44 - 104
2,4,6-Tribromophenol	107	19 - 114
Nitrobenzene-d5	86	40 - 106
2-Fluorophenol	90	39 - 103
2-Fluorobiphenyl	82	49 - 112
Terphenyl-d14	119	41 - 145

Method Blank TICs- Batch: 460-211817

Cas Number	Analyte	RT	Est. Result (ug/K)	Qual
	Aldol condensation product	2.83	10300	J A

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-211817

**Method: 8270C
Preparation: 3541**

Lab Sample ID: LCS 460-211817/2-A	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94470.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 0906	Units: ug/Kg	Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6670	1940	29	10 - 139	
Surrogate		% Rec		Acceptance Limits	
Phenol-d5		93		44 - 104	
2,4,6-Tribromophenol		103		19 - 114	
Nitrobenzene-d5		84		40 - 106	
2-Fluorophenol		87		39 - 103	
2-Fluorobiphenyl		77		49 - 112	
Terphenyl-d14		112		41 - 145	

Lab Control Sample - Batch: 460-211817

**Method: 8270C
Preparation: 3541**

Lab Sample ID: LCS 460-211817/3-A	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94483.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1400	Units: ug/Kg	Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2850	85	46 - 97	
2-Chlorophenol	3330	3070	92	49 - 96	
2-Methylphenol	3330	2990	90	47 - 99	
4-Methylphenol	3330	3120	94	43 - 100	
Acetophenone	3330	2950	88	10 - 126	
Bis(2-chloroethyl)ether	3330	2690	81	45 - 92	
2,2'-oxybis[1-chloropropane]	3330	2660	80	31 - 101	
N-Nitrosodi-n-propylamine	3330	2870	86	49 - 99	
Nitrobenzene	3330	2670	80	33 - 72	*
Hexachloroethane	3330	2400	72	47 - 88	
Isophorone	3330	2770	83	51 - 100	
2-Nitrophenol	3330	2840	85	51 - 98	
2,4-Dimethylphenol	3330	2780	83	46 - 95	
2,4-Dichlorophenol	3330	2800	84	50 - 100	
Bis(2-chloroethoxy)methane	3330	2630	79	48 - 95	
Naphthalene	3330	2610	78	48 - 92	
4-Chloroaniline	3330	1030	31	10 - 86	
Hexachlorobutadiene	3330	2610	78	49 - 97	
Caprolactam	3330	3460	104	10 - 120	
4-Chloro-3-methylphenol	3330	3170	95	50 - 102	
2-Methylnaphthalene	3330	2740	82	52 - 100	
Hexachlorobenzene	3330	3280	98	50 - 104	
Hexachlorocyclopentadiene	3330	1650	49	43 - 115	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-211817

**Method: 8270C
Preparation: 3541**

Lab Sample ID: LCS 460-211817/3-A	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94483.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1400	Units: ug/Kg	Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,6-Trichlorophenol	3330	2740	82	49 - 96	
2,4,5-Trichlorophenol	3330	2790	84	49 - 96	
Diphenyl	3330	2250	68	10 - 134	
2-Chloronaphthalene	3330	2430	73	49 - 93	
2-Nitroaniline	3330	2530	76	35 - 92	
2,6-Dinitrotoluene	3330	2980	90	52 - 104	
Dimethyl phthalate	3330	2650	80	51 - 99	
Acenaphthylene	3330	2640	79	49 - 97	
3-Nitroaniline	3330	1510	45	19 - 90	
Acenaphthene	3330	2420	73	48 - 99	
4-Nitrophenol	6670	5690	85	34 - 112	
2,4-Dinitrophenol	6670	5450	82	10 - 139	
Dibenzofuran	3330	2500	75	50 - 96	
Diethyl phthalate	3330	2880	86	46 - 100	
Fluorene	3330	2560	77	50 - 95	
Fluoranthene	3330	2670	80	45 - 101	
Di-n-butyl phthalate	3330	2260	68	50 - 99	
2,4-Dinitrotoluene	3330	3040	91	49 - 102	
4-Chlorophenyl phenyl ether	3330	3150	94	49 - 95	
4-Nitroaniline	3330	2850	86	33 - 102	
4,6-Dinitro-2-methylphenol	6670	5450	82	14 - 128	
4-Bromophenyl phenyl ether	3330	2660	80	50 - 103	
Atrazine	3330	2440	73	10 - 147	
Anthracene	3330	2370	71	51 - 97	
Carbazole	3330	2500	75	50 - 102	
Phenanthrene	3330	2260	68	51 - 97	
Pentachlorophenol	6670	4780	72	37 - 99	
Pyrene	3330	3310	99	39 - 119	
Chrysene	3330	2770	83	50 - 94	
Benzo[k]fluoranthene	3330	2690	81	53 - 113	
Benzo[g,h,i]perylene	3330	2570	77	46 - 120	
Benzo[b]fluoranthene	3330	3060	92	55 - 115	
Benzo[a]pyrene	3330	2730	82	59 - 116	
Benzo[a]anthracene	3330	2760	83	51 - 97	
N-Nitrosodiphenylamine	3330	2240	67	51 - 103	
Butyl benzyl phthalate	3330	2830	85	47 - 107	
Bis(2-ethylhexyl) phthalate	3330	2770	83	47 - 102	
Di-n-octyl phthalate	3330	2700	81	43 - 120	
Indeno[1,2,3-cd]pyrene	3330	2650	80	47 - 124	
Dibenz(a,h)anthracene	3330	2670	80	48 - 115	
3,3'-Dichlorobenzidine	3330	1550	47	9 - 89	
1,2,4,5-Tetrachlorobenzene	3330	2390	72	45 - 95	
2,3,4,6-Tetrachlorophenol	3330	2920	88	49 - 104	

Surrogate	% Rec	Acceptance Limits
Phenol-d5	80	44 - 104

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	90	19 - 114
Nitrobenzene-d5	70	40 - 106
2-Fluorophenol	73	39 - 103
2-Fluorobiphenyl	69	49 - 112
Terphenyl-d14	86	41 - 145

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211817**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-72180-9	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94472.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.02 g
Analysis Date: 03/12/2014 0951		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-72180-9	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94473.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.04 g
Analysis Date: 03/12/2014 1014		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Phenol	91	91	46 - 97	0	30		
2-Chlorophenol	98	103	49 - 96	5	30	F1	F1
2-Methylphenol	94	99	47 - 99	5	30		
4-Methylphenol	92	107	43 - 100	16	30		F1
Benzaldehyde	75	86	10 - 139	13	30		
Acetophenone	84	95	10 - 126	12	30		
Bis(2-chloroethyl)ether	81	87	45 - 92	7	30		
2,2'-oxybis[1-chloropropane]	82	90	31 - 101	8	30		
N-Nitrosodi-n-propylamine	85	101	49 - 99	17	30		F1
Nitrobenzene	82	90	33 - 72	9	30	F1	F1
Hexachloroethane	74	81	47 - 88	8	30		
Isophorone	90	99	51 - 100	10	30		
2-Nitrophenol	91	102	51 - 98	11	30		F1
2,4-Dimethylphenol	93	98	46 - 95	5	30		F1
2,4-Dichlorophenol	88	101	50 - 100	13	30		F1
Bis(2-chloroethoxy)methane	86	93	48 - 95	8	30		
Naphthalene	81	85	48 - 92	5	30		
4-Chloroaniline	46	46	10 - 86	1	30		
Hexachlorobutadiene	86	89	49 - 97	3	30		
Caprolactam	92	113	10 - 120	21	30		
4-Chloro-3-methylphenol	88	103	50 - 102	15	30		F1
2-Methylnaphthalene	81	90	52 - 100	10	30		
Hexachlorobenzene	118	118	50 - 104	0	30	F1	F1
Hexachlorocyclopentadiene	56	65	43 - 115	14	30		
2,4,6-Trichlorophenol	101	121	49 - 96	17	30	F1	F1
2,4,5-Trichlorophenol	111	117	49 - 96	5	30	F1	F1
Diphenyl	85	92	10 - 134	8	30		
2-Chloronaphthalene	86	93	49 - 93	8	30		
2-Nitroaniline	92	106	35 - 92	15	30		F1
2,6-Dinitrotoluene	103	107	52 - 104	4	30		F1
Dimethyl phthalate	96	107	51 - 99	11	30		F1
Acenaphthylene	88	97	49 - 97	9	30		
3-Nitroaniline	107	101	19 - 90	6	30	F1	F1

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211817**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-72180-9	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94472.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.02 g
Analysis Date: 03/12/2014 0951		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-72180-9	Analysis Batch: 460-212014	Instrument ID: CBNAMS4
Client Matrix: Solid	Prep Batch: 460-211817	Lab File ID: U94473.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.04 g
Analysis Date: 03/12/2014 1014		Final Weight/Volume: 1 mL
Prep Date: 03/11/2014 0844		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acenaphthene	83	92	48 - 99	10	30		
4-Nitrophenol	107	125	34 - 112	15	30		F1
2,4-Dinitrophenol	32	36	10 - 139	11	30		
Dibenzofuran	90	97	50 - 96	7	30		F1
Diethyl phthalate	90	100	46 - 100	11	30		
Fluorene	82	98	50 - 95	17	30		F1
Fluoranthene	100	107	45 - 101	6	30		F1
Di-n-butyl phthalate	78	84	50 - 99	7	30		
2,4-Dinitrotoluene	103	120	49 - 102	15	30	F1	F1
4-Chlorophenyl phenyl ether	107	119	49 - 95	10	30	F1	F1
4-Nitroaniline	100	109	33 - 102	8	30		F1
4,6-Dinitro-2-methylphenol	57	58	14 - 128	2	30		
4-Bromophenyl phenyl ether	90	99	50 - 103	9	30		
Atrazine	95	109	10 - 147	14	30		
Anthracene	90	87	51 - 97	3	30		
Carbazole	89	95	50 - 102	6	30		
Phenanthrene	84	96	51 - 97	11	30		
Pentachlorophenol	79	83	37 - 99	5	30		
Pyrene	96	104	39 - 119	8	30		
Chrysene	93	100	50 - 94	7	30		F1
Benzo[k]fluoranthene	84	93	53 - 113	10	30		
Benzo[g,h,i]perylene	78	84	46 - 120	8	30		
Benzo[b]fluoranthene	91	103	55 - 115	12	30		
Benzo[a]pyrene	87	92	59 - 116	6	30		
Benzo[a]anthracene	87	92	51 - 97	5	30		
N-Nitrosodiphenylamine	155	176	51 - 103	12	30	F1	F1
Butyl benzyl phthalate	91	93	47 - 107	3	30		
Bis(2-ethylhexyl) phthalate	86	92	47 - 102	7	30		
Di-n-octyl phthalate	87	93	43 - 120	7	30		
Indeno[1,2,3-cd]pyrene	75	88	47 - 124	15	30		
Dibenz(a,h)anthracene	80	88	48 - 115	9	30		
3,3'-Dichlorobenzidine	76	72	9 - 89	5	30		
1,2,4,5-Tetrachlorobenzene	94	93	45 - 95	1	30		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211817**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-72180-9
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/12/2014 0951
Prep Date: 03/11/2014 0844
Leach Date: N/A

Analysis Batch: 460-212014
Prep Batch: 460-211817
Leach Batch: N/A

Instrument ID: CBNAMS4
Lab File ID: U94472.D
Initial Weight/Volume: 15.02 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-72180-9
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/12/2014 1014
Prep Date: 03/11/2014 0844
Leach Date: N/A

Analysis Batch: 460-212014
Prep Batch: 460-211817
Leach Batch: N/A

Instrument ID: CBNAMS4
Lab File ID: U94473.D
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,3,4,6-Tetrachlorophenol	92	104	49 - 104	12	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
2,4,6-Tribromophenol		102	115	X		19 - 114	
Phenol-d5		87	93			44 - 104	
2-Fluorophenol		82	89			39 - 103	
Nitrobenzene-d5		82	93			40 - 106	
2-Fluorobiphenyl		86	95			49 - 112	
Terphenyl-d14		90	96			41 - 145	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211817**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-72180-9 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/12/2014 0951
Prep Date: 03/11/2014 0844
Leach Date: N/A

MSD Lab Sample ID: 460-72180-9
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/12/2014 1014
Prep Date: 03/11/2014 0844
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	52 U	3880	3880	3530	3550
2-Chlorophenol	51 U	3880	3880	3790 F1	3980 F1
2-Methylphenol	66 U	3880	3880	3650	3850
4-Methylphenol	76 U	3880	3880	3560	4160 F1
Benzaldehyde	45 U	7770	7760	5840	6650
Acetophenone	59 U	3880	3880	3270	3680
Bis(2-chloroethyl)ether	5.3 U	3880	3880	3140	3360
2,2'-oxybis[1-chloropropane]	43 U	3880	3880	3200	3480
N-Nitrosodi-n-propylamine	6.4 U	3880	3880	3290	3900 F1
Nitrobenzene	5.5 U	3880	3880	3200 F1	3510 F1
Hexachloroethane	4.3 U	3880	3880	2880	3130
Isophorone	47 U	3880	3880	3480	3840
2-Nitrophenol	43 U	3880	3880	3550	3960 F1
2,4-Dimethylphenol	95 U	3880	3880	3600	3790 F1
2,4-Dichlorophenol	56 U	3880	3880	3440	3930 F1
Bis(2-chloroethoxy)methane	50 U	3880	3880	3330	3630
Naphthalene	45 U	3880	3880	3150	3320
4-Chloroaniline	100 U	3880	3880	1790	1770
Hexachlorobutadiene	9.4 U	3880	3880	3330	3430
Caprolactam	89 U	3880	3880	3570	4400
4-Chloro-3-methylphenol	58 U	3880	3880	3410	3980 F1
2-Methylnaphthalene	70 J	3880	3880	3230	3560
Hexachlorobenzene	5.3 U	3880	3880	4570 F1	4580 F1
Hexachlorocyclopentadiene	45 U	3880	3880	2180	2520
2,4,6-Trichlorophenol	45 U	3880	3880	3930 F1	4680 F1
2,4,5-Trichlorophenol	50 U	3880	3880	4320 F1	4530 F1
Diphenyl	52 U	3880	3880	3300	3580
2-Chloronaphthalene	43 U	3880	3880	3340	3630
2-Nitroaniline	160 U	3880	3880	3560	4130 F1
2,6-Dinitrotoluene	12 U	3880	3880	3990	4160 F1
Dimethyl phthalate	46 U	3880	3880	3720	4140 F1
Acenaphthylene	46 U	3880	3880	3430	3770
3-Nitroaniline	140 U	3880	3880	4150 F1	3910 F1
Acenaphthene	56 U	3880	3880	3210	3550
4-Nitrophenol	250 U	7770	7760	8300	9670 F1
2,4-Dinitrophenol	220 U	7770	7760	2520	2810
Dibenzofuran	45 U	3880	3880	3510	3780 F1
Diethyl phthalate	46 U	3880	3880	3500	3890
Fluorene	290 J	3880	3880	3460	4100 F1
Fluoranthene	51 U	3880	3880	3900	4140 F1
Di-n-butyl phthalate	48 U	3880	3880	3030	3240
2,4-Dinitrotoluene	13 U	3880	3880	4000 F1	4650 F1
4-Chlorophenyl phenyl ether	45 U	3880	3880	4160 F1	4600 F1

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211817**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-72180-9 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/12/2014 0951
Prep Date: 03/11/2014 0844
Leach Date: N/A

MSD Lab Sample ID: 460-72180-9
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/12/2014 1014
Prep Date: 03/11/2014 0844
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
4-Nitroaniline	120	U	3880	3880	3890	4220	F1
4,6-Dinitro-2-methylphenol	110	U	7770	7760	4460	4530	
4-Bromophenyl phenyl ether	38	U	3880	3880	3500	3820	
Atrazine	60	U	3880	3880	3670	4210	
Anthracene	47	U	3880	3880	3500	3380	
Carbazole	46	U	3880	3880	3480	3680	
Phenanthrene	510		3880	3880	3790	4230	
Pentachlorophenol	120	U	7770	7760	6150	6480	
Pyrene	160	J	3880	3880	3880	4190	
Chrysene	45	U	3880	3880	3600	3880	F1
Benzo[k]fluoranthene	2.9	U	3880	3880	3270	3620	
Benzo[g,h,i]perylene	29	U	3880	3880	3020	3270	
Benzo[b]fluoranthene	2.4	U	3880	3880	3530	3980	
Benzo[a]pyrene	2.7	U	3880	3880	3380	3590	
Benzo[a]anthracene	2.7	U	3880	3880	3380	3550	
N-Nitrosodiphenylamine	38	U	3880	3880	6030	6820	F1
Butyl benzyl phthalate	35	U	3880	3880	3520	3610	F1
Bis(2-ethylhexyl) phthalate	130	U	3880	3880	3350	3570	
Di-n-octyl phthalate	25	U	3880	3880	3380	3620	
Indeno[1,2,3-cd]pyrene	7.2	U	3880	3880	2920	3400	
Dibenz(a,h)anthracene	4.9	U	3880	3880	3120	3420	
3,3'-Dichlorobenzidine	140	U	3880	3880	2940	2780	
1,2,4,5-Tetrachlorobenzene	52	U	3880	3880	3640	3610	
2,3,4,6-Tetrachlorophenol	50	U	3880	3880	3570	4040	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211482

**Method: 8082
Preparation: 3510C**

Lab Sample ID: MB 460-211482/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0332
 Prep Date: 03/09/2014 1042
 Leach Date: N/A

Analysis Batch: 460-211706
 Prep Batch: 460-211482
 Leach Batch: N/A
 Units: ug/L

Instrument ID: CPESTGC11
 Lab File ID: T004431.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 5 mL
 Injection Volume: 1 uL
 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
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			

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0351
 Prep Date: 03/09/2014 1042
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-211482/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0410
 Prep Date: 03/09/2014 1042
 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
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0351
 Prep Date: 03/09/2014 1042
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-211482/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0410
 Prep Date: 03/09/2014 1042
 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211881

**Method: 8082
Preparation: 3546**

Lab Sample ID: MB 460-211881/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/11/2014 2357
 Prep Date: 03/11/2014 1221
 Leach Date: N/A

Analysis Batch: 460-211991
 Prep Batch: 460-211881
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CPESTGC7
 Lab File ID: OR214384.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 10 mL
 Injection Volume: 1 uL
 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	171	X D	45 - 138

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	162	X D	45 - 138

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-211881

**Method: 8082
Preparation: 3546**

Lab Sample ID:	LCS 460-211881/2-A	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211881	Lab File ID:	OR214385.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 0014	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/11/2014 1221			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	423	127	75 - 150	
Aroclor 1260	333	413	124	72 - 150	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		167	X D	45 - 138	

Lab Control Sample - Batch: 460-211881

**Method: 8082
Preparation: 3546**

Lab Sample ID:	LCS 460-211881/2-A	Analysis Batch:	460-211991	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-211881	Lab File ID:	OR214385.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 0014	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/11/2014 1221			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	407	122	75 - 150	
Aroclor 1260	333	404	121	72 - 150	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		153	X D	45 - 138	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211881**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-2	Analysis Batch: 460-211991	Instrument ID: CPESTGC7
Client Matrix: Solid	Prep Batch: 460-211881	Lab File ID: OR214386.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.02 g
Analysis Date: 03/12/2014 0030		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1221		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

MSD Lab Sample ID: 460-72180-2	Analysis Batch: 460-211991	Instrument ID: CPESTGC7
Client Matrix: Solid	Prep Batch: 460-211881	Lab File ID: OR214387.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 0047		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1221		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aroclor 1016	108	111	75 - 150	3	30		
Aroclor 1260	97	98	72 - 150	0	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	130		136	45 - 138			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211881**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-2	Analysis Batch: 460-211991	Instrument ID: CPESTGC7
Client Matrix: Solid	Prep Batch: 460-211881	Lab File ID: OR214386.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.02 g
Analysis Date: 03/12/2014 0030		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1221		Injection Volume: 1 uL
Leach Date: N/A		Column ID: SECONDARY

MSD Lab Sample ID: 460-72180-2	Analysis Batch: 460-211991	Instrument ID: CPESTGC7
Client Matrix: Solid	Prep Batch: 460-211881	Lab File ID: OR214387.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 0047		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1221		Injection Volume: 1 uL
Leach Date: N/A		Column ID: SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aroclor 1016	102	99	75 - 150	3	30		
Aroclor 1260	96	90	72 - 150	6	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	122		125	45 - 138			

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211881**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-2 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0030
 Prep Date: 03/11/2014 1221
 Leach Date: N/A

MSD Lab Sample ID: 460-72180-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0047
 Prep Date: 03/11/2014 1221
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	16 U	353	353	382	393
Aroclor 1260	20 U	353	353	344	344

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211881**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-2 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0030
 Prep Date: 03/11/2014 1221
 Leach Date: N/A

MSD Lab Sample ID: 460-72180-2
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0047
 Prep Date: 03/11/2014 1221
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	16 U	353	353	359	348
Aroclor 1260	20 U	353	353	337	317

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211882

**Method: 8082
Preparation: 3546**

Lab Sample ID: MB 460-211882/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 0003
 Prep Date: 03/11/2014 1224
 Leach Date: N/A

Analysis Batch: 460-212066
 Prep Batch: 460-211882
 Leach Batch: N/A
 Units: ug/Kg

Instrument ID: CPESTGC11
 Lab File ID: T004489.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 10 mL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	15	U	15	67
Aroclor 1016	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1221	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1232	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1242	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1248	15	U	15	67
Aroclor 1254	19	U	19	67
Aroclor 1254	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1260	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1262	19	U	19	67
Aroclor 1268	19	U	19	67
Aroclor 1268	19	U	19	67

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	151	X	45 - 138
DCB Decachlorobiphenyl	151	X	45 - 138

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	148	X	45 - 138
DCB Decachlorobiphenyl	148	X	45 - 138

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Lab Control Sample - Batch: 460-211882

**Method: 8082
Preparation: 3546**

Lab Sample ID:	LCS 460-211882/2-A	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211882	Lab File ID:	T004490.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 0022	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/11/2014 1224			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	376	113	75 - 150	
Aroclor 1016	333	376	113	75 - 150	
Aroclor 1260	333	385	116	72 - 150	
Aroclor 1260	333	385	116	72 - 150	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		138		45 - 138	
DCB Decachlorobiphenyl		138		45 - 138	

Lab Control Sample - Batch: 460-211882

**Method: 8082
Preparation: 3546**

Lab Sample ID:	LCS 460-211882/2-A	Analysis Batch:	460-212066	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-211882	Lab File ID:	T004490.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/12/2014 0022	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/11/2014 1224			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	375	112	75 - 150	
Aroclor 1016	333	375	112	75 - 150	
Aroclor 1260	333	361	108	72 - 150	
Aroclor 1260	333	361	108	72 - 150	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		135		45 - 138	
DCB Decachlorobiphenyl		135		45 - 138	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211882**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-24	Analysis Batch: 460-212092	Instrument ID: CPESTGC11
Client Matrix: Solid	Prep Batch: 460-211882	Lab File ID: T004523.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 15.02 g
Analysis Date: 03/12/2014 1050		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1224		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

MSD Lab Sample ID: 460-72180-24	Analysis Batch: 460-212092	Instrument ID: CPESTGC11
Client Matrix: Solid	Prep Batch: 460-211882	Lab File ID: T004524.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1109		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1224		Injection Volume: 1 uL
Leach Date: N/A		Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aroclor 1016	0	0	75 - 150	NC	30	U F1	U F1
Aroclor 1260	0	0	72 - 150	NC	30	U F1	U F1
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	0	X D	0	X D	45 - 138		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211882**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-24	Analysis Batch: 460-212092	Instrument ID: CPESTGC11
Client Matrix: Solid	Prep Batch: 460-211882	Lab File ID: T004523.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 15.02 g
Analysis Date: 03/12/2014 1050		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1224		Injection Volume: 1 uL
Leach Date: N/A		Column ID: SECONDARY

MSD Lab Sample ID: 460-72180-24	Analysis Batch: 460-212092	Instrument ID: CPESTGC11
Client Matrix: Solid	Prep Batch: 460-211882	Lab File ID: T004524.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 15.00 g
Analysis Date: 03/12/2014 1109		Final Weight/Volume: 10 mL
Prep Date: 03/11/2014 1224		Injection Volume: 1 uL
Leach Date: N/A		Column ID: SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aroclor 1016	0	0	75 - 150	NC	30	U F1	U F1
Aroclor 1260	0	0	72 - 150	NC	30	U F1	U F1
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	0	X D	0	X D	45 - 138		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211882**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-24 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/12/2014 1050
 Prep Date: 03/11/2014 1224
 Leach Date: N/A

MSD Lab Sample ID: 460-72180-24
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/12/2014 1109
 Prep Date: 03/11/2014 1224
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	160 U	359	360	160 U F1	160 U F1
Aroclor 1260	1300	359	360	200 U F1	200 U F1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211882**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-24 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/12/2014 1050
 Prep Date: 03/11/2014 1224
 Leach Date: N/A

MSD Lab Sample ID: 460-72180-24
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/12/2014 1109
 Prep Date: 03/11/2014 1224
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	160 U	359	360	160 U F1	160 U F1
Aroclor 1260	1200	359	360	200 U F1	200 U F1

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212128

**Method: 8082
Preparation: 3546**

Lab Sample ID: MB 460-212128/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/13/2014 0017
Prep Date: 03/12/2014 1143
Leach Date: N/A

Analysis Batch: 460-212261
Prep Batch: 460-212128
Leach Batch: N/A
Units: ug/Kg

Instrument ID: CPESTGC7
Lab File ID: OR214434.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
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	84	45 - 138
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	45 - 138

Lab Control Sample - Batch: 460-212128

**Method: 8082
Preparation: 3546**

Lab Sample ID: LCS 460-212128/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/13/2014 0033
Prep Date: 03/12/2014 1143
Leach Date: N/A

Analysis Batch: 460-212261
Prep Batch: 460-212128
Leach Batch: N/A
Units: ug/Kg

Instrument ID: CPESTGC7
Lab File ID: OR214435.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	442	133	75 - 150	
Aroclor 1260	333	439	132	72 - 150	
Surrogate	% Rec	Acceptance Limits			
DCB Decachlorobiphenyl	91	45 - 138			
Surrogate	% Rec	Acceptance Limits			
DCB Decachlorobiphenyl	85	45 - 138			

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212128**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID:	460-72180-26	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-212128	Lab File ID:	T004563.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0838			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1143			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-72180-26	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-212128	Lab File ID:	T004564.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 0857			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1143			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aroclor 1016	0	0	75 - 150	NC	30	U F1	U F1
Aroclor 1260	0	0	72 - 150	NC	30	U F1	U F1
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	0	X D	0	X D	45 - 138		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212128**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID:	460-72180-26	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-212128	Lab File ID:	T004563.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	03/13/2014 0838			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1143			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-72180-26	Analysis Batch:	460-212322	Instrument ID:	CPESTGC11
Client Matrix:	Solid	Prep Batch:	460-212128	Lab File ID:	T004564.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/13/2014 0857			Final Weight/Volume:	10 mL
Prep Date:	03/12/2014 1143			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Aroclor 1016	0	0	75 - 150	NC	30	U F1	U F1
Aroclor 1260	0	0	72 - 150	NC	30	U F1	U F1
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	0	X D	0	X D	45 - 138		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212128**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-26 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/13/2014 0838
 Prep Date: 03/12/2014 1143
 Leach Date: N/A

MSD Lab Sample ID: 460-72180-26
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/13/2014 0857
 Prep Date: 03/12/2014 1143
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	160 U	354	353	160 U F1	160 U F1
Aroclor 1260	1400	354	353	200 U F1	200 U F1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212128**

**Method: 8082
Preparation: 3546**

MS Lab Sample ID: 460-72180-26 Units: ug/Kg
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/13/2014 0838
 Prep Date: 03/12/2014 1143
 Leach Date: N/A

MSD Lab Sample ID: 460-72180-26
 Client Matrix: Solid
 Dilution: 10
 Analysis Date: 03/13/2014 0857
 Prep Date: 03/12/2014 1143
 Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	160 U	354	353	160 U F1	160 U F1
Aroclor 1260	1300	354	353	200 U F1	200 U F1

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211471

Lab Sample ID: MB 460-211471/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0758
 Prep Date: 03/09/2014 1024
 Leach Date: N/A

Analysis Batch: 460-211769
 Prep Batch: 460-211471
 Leach Batch: N/A
 Units: mg/L

**Method: NJ-OQA-QAM-025
 Preparation: 3510C**

Instrument ID: CBNAGC2
 Lab File ID: GC2F9323.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0812
 Prep Date: 03/09/2014 1024
 Leach Date: N/A

Analysis Batch: 460-211769
 Prep Batch: 460-211471
 Leach Batch: N/A
 Units: mg/L

Instrument ID: CBNAGC2
 Lab File ID: GC2F9324.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

LCSD Lab Sample ID: LCSD 460-211471/3-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 0825
 Prep Date: 03/09/2014 1024
 Leach Date: N/A

Analysis Batch: 460-211769
 Prep Batch: 460-211471
 Leach Batch: N/A
 Units: mg/L

Instrument ID: CBNAGC2
 Lab File ID: GC2F9325.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/11/2014 0812
Prep Date: 03/09/2014 1024
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-211471/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/11/2014 0825
Prep Date: 03/09/2014 1024
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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211688

Lab Sample ID: MB 460-211688/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 1616
 Prep Date: 03/10/2014 1448
 Leach Date: N/A

Analysis Batch: 460-212087
 Prep Batch: 460-211688
 Leach Batch: N/A
 Units: mg/Kg

**Method: NJ-OQA-QAM-025
 Preparation: 3546**

Instrument ID: CBNAGC2
 Lab File ID: GC2F9440.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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

Lab Sample ID: LCS 460-211688/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/12/2014 1629
 Prep Date: 03/10/2014 1448
 Leach Date: N/A

Analysis Batch: 460-212087
 Prep Batch: 460-211688
 Leach Batch: N/A
 Units: mg/Kg

**Method: NJ-OQA-QAM-025
 Preparation: 3546**

Instrument ID: CBNAGC2
 Lab File ID: GC2F9441.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211688**

**Method: NJ-OQA-QAM-025
Preparation: 3546**

MS Lab Sample ID:	460-72174-F-25-B MS	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-F-25-C MSD	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				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
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-F-25-B MS	Units:	mg/Kg	MSD Lab Sample ID:	460-72174-F-25-C MSD
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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211689

Method: NJ-OQA-QAM-025

Preparation: 3546

Lab Sample ID: MB 460-211689/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 0941
 Prep Date: 03/10/2014 1453
 Leach Date: N/A

Analysis Batch: 460-212305
 Prep Batch: 460-211689
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: CBNAGC2
 Lab File ID: GC2F9485.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	70	50 - 105
Chlorobenzene	74	40 - 80

Lab Control Sample - Batch: 460-211689

Method: NJ-OQA-QAM-025

Preparation: 3546

Lab Sample ID: LCS 460-211689/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 0955
 Prep Date: 03/10/2014 1453
 Leach Date: N/A

Analysis Batch: 460-212305
 Prep Batch: 460-211689
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: CBNAGC2
 Lab File ID: GC2F9486.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	128	96	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	94	50 - 105
Chlorobenzene	75	40 - 80

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211689**

**Method: NJ-OQA-QAM-025
Preparation: 3546**

MS Lab Sample ID: 460-72180-9	Analysis Batch: 460-212305	Instrument ID: CBNAGC2
Client Matrix: Solid	Prep Batch: 460-211689	Lab File ID: GC2F9487.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 15.01 g
Analysis Date: 03/13/2014 1009		Final Weight/Volume: 1 mL
Prep Date: 03/10/2014 1453		Injection Volume: 1 uL
Leach Date: N/A		

MSD Lab Sample ID: 460-72180-9	Analysis Batch: 460-212305	Instrument ID: CBNAGC2
Client Matrix: Solid	Prep Batch: 460-211689	Lab File ID: GC2F9488.D
Dilution: 10	Leach Batch: N/A	Initial Weight/Volume: 15.01 g
Analysis Date: 03/13/2014 1022		Final Weight/Volume: 1 mL
Prep Date: 03/10/2014 1453		Injection Volume: 1 uL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Total Petroleum Hydrocarbons (C8-C40)	37	-0.3	56 - 113	5	40	4	4
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
o-Terphenyl	0	X D	0	X D	50 - 105		
Chlorobenzene	0	X D	0	X D	40 - 80		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211689**

**Method: NJ-OQA-QAM-025
Preparation: 3546**

MS Lab Sample ID: 460-72180-9	Units: mg/Kg	MSD Lab Sample ID: 460-72180-9
Client Matrix: Solid		Client Matrix: Solid
Dilution: 10		Dilution: 10
Analysis Date: 03/13/2014 1009		Analysis Date: 03/13/2014 1022
Prep Date: 03/10/2014 1453		Prep Date: 03/10/2014 1453
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)	1100	160	160	1120 4	1070 4

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-211888

Lab Sample ID: MB 460-211888/1-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 0725
 Prep Date: 03/11/2014 1319
 Leach Date: N/A

Analysis Batch: 460-212305
 Prep Batch: 460-211888
 Leach Batch: N/A
 Units: mg/Kg

**Method: NJ-OQA-QAM-025
 Preparation: 3546**

Instrument ID: CBNAGC2
 Lab File ID: GC2F9475.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	5.5	U	5.5	5.5

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	70	50 - 105
Chlorobenzene	80	40 - 80

Lab Control Sample - Batch: 460-211888

Lab Sample ID: LCS 460-211888/2-A
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 03/13/2014 0738
 Prep Date: 03/11/2014 1319
 Leach Date: N/A

Analysis Batch: 460-212305
 Prep Batch: 460-211888
 Leach Batch: N/A
 Units: mg/Kg

**Method: NJ-OQA-QAM-025
 Preparation: 3546**

Instrument ID: CBNAGC2
 Lab File ID: GC2F9476.D
 Initial Weight/Volume: 15.00 g
 Final Weight/Volume: 1 mL
 Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	140	105	56 - 113	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	50 - 105
Chlorobenzene	79	40 - 80

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211888**

**Method: NJ-OQA-QAM-025
Preparation: 3546**

MS Lab Sample ID: 460-72180-20
Client Matrix: Solid
Dilution: 20
Analysis Date: 03/13/2014 0752
Prep Date: 03/11/2014 1319
Leach Date: N/A

Analysis Batch: 460-212305
Prep Batch: 460-211888
Leach Batch: N/A

Instrument ID: CBNAGC2
Lab File ID: GC2F9477.D
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-72180-20
Client Matrix: Solid
Dilution: 20
Analysis Date: 03/13/2014 0805
Prep Date: 03/11/2014 1319
Leach Date: N/A

Analysis Batch: 460-212305
Prep Batch: 460-211888
Leach Batch: N/A

Instrument ID: CBNAGC2
Lab File ID: GC2F9478.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Total Petroleum Hydrocarbons (C8-C40)	47	172	56 - 113	9	40	4	4
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
o-Terphenyl	0	X D	0	X D	50 - 105		
Chlorobenzene	0	X D	0	X D	40 - 80		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-211888**

**Method: NJ-OQA-QAM-025
Preparation: 3546**

MS Lab Sample ID: 460-72180-20
Client Matrix: Solid
Dilution: 20
Analysis Date: 03/13/2014 0752
Prep Date: 03/11/2014 1319
Leach Date: N/A

Units: mg/Kg

MSD Lab Sample ID: 460-72180-20
Client Matrix: Solid
Dilution: 20
Analysis Date: 03/13/2014 0805
Prep Date: 03/11/2014 1319
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)	2100	159	159	2170 4	2370 4

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Duplicate - Batch: 460-211389

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	460-72180-2	Analysis Batch:	460-211389	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:	03/08/2014 1140	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	5.6	5.6	1	20	
Percent Solids	94.4	94.4	0.07	20	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Duplicate - Batch: 460-211390

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	460-72180-21	Analysis Batch:	460-211390	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:	03/08/2014 1158	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	12.7	13.6	7	20	
Percent Solids	87.3	86.4	1	20	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Duplicate - Batch: 460-211398

Method: Moisture Preparation: N/A

Lab Sample ID:	460-72196-A-13 DU	Analysis Batch:	460-211398	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:	03/08/2014 1225	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	17.7	16.3	8	20	
Percent Solids	82.3	83.7	2	20	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride	104	106	90 - 110	1	10		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**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
Client Matrix: Water
Dilution: 10
Analysis Date: 03/10/2014 1500
Prep Date: N/A
Leach Date: N/A

MSD Lab Sample ID: 460-72038-A-1 MSD ^10
Client Matrix: Water
Dilution: 10
Analysis Date: 03/10/2014 1500
Prep 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Method Blank - Batch: 460-212714

Method: SM 4500 CI- E
Preparation: N/A

Lab Sample ID: MB 460-212714/5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1112
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: N/A
Units: mg/Kg

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume:

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 CI- E
Preparation: N/A

Lab Sample ID: LB 460-212230/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1112
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212230
Units: mg/Kg

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-212714

Method: SM 4500 CI- E
Preparation: N/A

Lab Sample ID: MB 460-212714/23
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1150
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: N/A
Units: mg/Kg

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	2.9	U	2.9	5.0

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 CI- E
Preparation: N/A

Lab Sample ID: LB 460-212230/1-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: 460-212230	Initial Weight/Volume:
Analysis Date: 03/14/2014 1150	Units: mg/Kg	Final Weight/Volume:
Prep Date: N/A		
Leach Date: 03/12/2014 1800		

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Method Blank - Batch: 460-212714

Method: SM 4500 CI- E
Preparation: N/A

Lab Sample ID: MB 460-212714/49	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 1251	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 CI- E
Preparation: N/A

Lab Sample ID: LB 460-212230/1-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: 460-212230	Initial Weight/Volume:
Analysis Date: 03/14/2014 1251	Units: mg/Kg	Final Weight/Volume:
Prep Date: N/A		
Leach Date: 03/12/2014 1800		

Analyte	Result	Qual	MDL	RL
Chloride-ASTM Leach	58.2	U	58.2	100

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

TCLP SPLPE Leachate Blank - Batch: 460-212714

Method: SM 4500 CI- 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 1251	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

Method Blank - Batch: 460-212714

Method: SM 4500 CI- 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 CI- 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

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

LCS-Certified Reference Material - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID: LCSSRM 460-212714/6	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 1112	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	71.95	95.7	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID: LCSSRM 460-212714/24	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 1150	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	72.43	96.3	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID: LCSSRM 460-212714/50	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 1251	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	74.03	98.5	90.2 - 110.0	

LCS-Certified Reference Material - Batch: 460-212714

Method: SM 4500 Cl- E
Preparation: N/A

Lab Sample ID: LCSSRM 460-212714/72	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	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1153
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212230

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 460-72180-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1153
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212230

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride-ASTM Leach	106	106	80 - 118	0	10		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-10
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1217
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212230

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 460-72180-10
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1217
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212230

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride-ASTM Leach	102	102	80 - 118	0	10		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-26
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1300
Prep Date: N/A
Leach Date: 03/12/2014 1900

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212232

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 460-72180-26
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1300
Prep Date: N/A
Leach Date: 03/12/2014 1900

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212232

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride-ASTM Leach	100	102	80 - 118	2	10		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-29
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1320
Prep Date: N/A
Leach Date: 03/12/2014 1900

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212232

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 460-72180-29
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1320
Prep Date: N/A
Leach Date: 03/12/2014 1900

Analysis Batch: 460-212714
Prep Batch: N/A
Leach Batch: 460-212232

Instrument ID: Konelab1
Lab File ID: KL031414.xls
Initial Weight/Volume:
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chloride-ASTM Leach	101	103	80 - 118	1	10		

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-1 Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1153
Prep Date: N/A
Leach Date: 03/12/2014 1800

MSD Lab Sample ID: 460-72180-1
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1153
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	57.9 U	994	994	1050	1051

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-10 Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1217
Prep Date: N/A
Leach Date: 03/12/2014 1800

MSD Lab Sample ID: 460-72180-10
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1217
Prep Date: N/A
Leach Date: 03/12/2014 1800

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Chloride-ASTM Leach	57.5 U	988	988	1006	1011

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-26 Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1300
Prep Date: N/A
Leach Date: 03/12/2014 1900

MSD Lab Sample ID: 460-72180-26
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1300
Prep Date: N/A
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	58.0 U	997	997	994.9	1013

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-212714**

**Method: SM 4500 Cl- E
Preparation: N/A**

MS Lab Sample ID: 460-72180-29 Units: mg/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1320
Prep Date: N/A
Leach Date: 03/12/2014 1900

MSD Lab Sample ID: 460-72180-29
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 03/14/2014 1320
Prep Date: N/A
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

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc.

Job Number: 460-72180-1

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.
	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.
	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
	E	Result exceeded calibration range.
	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
	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: 460-72180-1

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
	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.
	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.

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Prep Batch: 460-211405					
460-72174-A-26-A MS	Matrix Spike	T	Solid	5035	
460-72174-A-26-A MSD	Matrix Spike Duplicate	T	Solid	5035	
460-72180-3	PMP-15SW-WT	T	Solid	5035	
460-72180-6	PMP-16SW-WT	T	Solid	5035	
460-72180-14	PMP-19SW-WT	T	Solid	5035	
460-72180-20	PMP-27SW-WT	T	Solid	5035	
460-72180-24FD	DUP_030714	T	Solid	5035	
Prep Batch: 460-211417					
460-72180-1	PMP-28SW-SD	T	Solid	5035	
460-72180-2	PMP-15SW-VD	T	Solid	5035	
460-72180-4	PMP-15SW-SI	T	Solid	5035	
460-72180-5	PMP-15SW-SD	T	Solid	5035	
460-72180-7	PMP-16SW-SI	T	Solid	5035	
460-72180-8	PMP-17SW-WT	T	Solid	5035	
460-72180-9	PMP-17SW-SI	T	Solid	5035	
460-72180-10	PMP-18SW-VD	T	Solid	5035	
460-72180-11	PMP-18SW-WT	T	Solid	5035	
460-72180-12	PMP-18SW-SI	T	Solid	5035	
460-72180-13	PMP-19SW-VD	T	Solid	5035	
460-72180-15	PMP-19SW-SI	T	Solid	5035	
460-72180-16	PMP-26SW-VD	T	Solid	5035	
460-72180-17	PMP-26SW-WT	T	Solid	5035	
460-72180-18	PMP-26SW-SI	T	Solid	5035	
460-72180-19	PMP-27SW-VD	T	Solid	5035	
460-72180-21	PMP-27SW-SD	T	Solid	5035	
460-72180-22	PMP-31SW-VS	T	Solid	5035	
460-72180-23	PMP-32SW-VS	T	Solid	5035	
460-72180-25	DUP2_030714	T	Solid	5035	
460-72180-26	DUP3_030714	T	Solid	5035	
460-72180-28TB	Trip Blank	T	Solid	5035	
460-72180-29	PMP-27SW-SI	T	Solid	5035	
Analysis Batch:460-212288					
LCS 460-212288/4	Lab Control Sample	T	Water	8260B	
MB 460-212288/7	Method Blank	T	Water	8260B	
460-72069-A-8 MS	Matrix Spike	T	Water	8260B	
460-72069-A-8 MSD	Matrix Spike Duplicate	T	Water	8260B	
460-72180-27FB	FB_030714	T	Water	8260B	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:460-212436					
LCS 460-212436/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-212436/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212436/6	Method Blank	T	Solid	8260B	
460-72180-1	PMP-28SW-SD	T	Solid	8260B	460-211417
460-72180-2	PMP-15SW-VD	T	Solid	8260B	460-211417
460-72180-4	PMP-15SW-SI	T	Solid	8260B	460-211417
460-72180-5	PMP-15SW-SD	T	Solid	8260B	460-211417
460-72180-7	PMP-16SW-SI	T	Solid	8260B	460-211417
460-72180-8	PMP-17SW-WT	T	Solid	8260B	460-211417
460-72180-11	PMP-18SW-WT	T	Solid	8260B	460-211417
460-72180-12	PMP-18SW-SI	T	Solid	8260B	460-211417
460-72180-16	PMP-26SW-VD	T	Solid	8260B	460-211417
460-72180-17	PMP-26SW-WT	T	Solid	8260B	460-211417
460-72180-19	PMP-27SW-VD	T	Solid	8260B	460-211417
460-72180-21	PMP-27SW-SD	T	Solid	8260B	460-211417
460-72180-22	PMP-31SW-VS	T	Solid	8260B	460-211417
460-72180-23	PMP-32SW-VS	T	Solid	8260B	460-211417
460-72180-28TB	Trip Blank	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-A-26-A MS	Matrix Spike	T	Solid	8260B	460-211405
460-72174-A-26-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-211405
460-72180-14	PMP-19SW-WT	T	Solid	8260B	460-211405
460-72180-20	PMP-27SW-WT	T	Solid	8260B	460-211405
460-72180-24FD	DUP_030714	T	Solid	8260B	460-211405
Analysis Batch:460-212542					
LCS 460-212542/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-212542/17	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-212542/6	Method Blank	T	Solid	8260B	
460-72180-9	PMP-17SW-SI	T	Solid	8260B	460-211417
460-72180-10	PMP-18SW-VD	T	Solid	8260B	460-211417
460-72180-13	PMP-19SW-VD	T	Solid	8260B	460-211417
460-72180-15	PMP-19SW-SI	T	Solid	8260B	460-211417
460-72180-18	PMP-26SW-SI	T	Solid	8260B	460-211417
460-72180-25	DUP2_030714	T	Solid	8260B	460-211417
460-72180-26	DUP3_030714	T	Solid	8260B	460-211417
460-72180-29	PMP-27SW-SI	T	Solid	8260B	460-211417

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-212620					
LCS 460-212620/3	Lab Control Sample	T	Solid	8260B	
MB 460-212620/6	Method Blank	T	Solid	8260B	
460-72180-3	PMP-15SW-WT	T	Solid	8260B	460-211405
460-72180-6	PMP-16SW-WT	T	Solid	8260B	460-211405

Report Basis

T = Total

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
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	
460-72180-27FB	FB_030714	T	Water	3510C	
Prep Batch: 460-211814					
LCS 460-211814/2-A	Lab Control Sample	T	Solid	3541	
LCS 460-211814/3-A	Lab Control Sample	T	Solid	3541	
MB 460-211814/1-A	Method Blank	T	Solid	3541	
460-71983-A-7-A MS	Matrix Spike	T	Solid	3541	
460-71983-A-7-B MSD	Matrix Spike Duplicate	T	Solid	3541	
460-72180-1	PMP-28SW-SD	T	Solid	3541	
460-72180-2	PMP-15SW-VD	T	Solid	3541	
460-72180-3	PMP-15SW-WT	T	Solid	3541	
460-72180-4	PMP-15SW-SI	T	Solid	3541	
460-72180-5	PMP-15SW-SD	T	Solid	3541	
460-72180-6	PMP-16SW-WT	T	Solid	3541	
460-72180-7	PMP-16SW-SI	T	Solid	3541	
460-72180-8	PMP-17SW-WT	T	Solid	3541	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS Semi VOA					
Prep Batch: 460-211817					
LCS 460-211817/2-A	Lab Control Sample	T	Solid	3541	
LCS 460-211817/3-A	Lab Control Sample	T	Solid	3541	
MB 460-211817/1-A	Method Blank	T	Solid	3541	
460-72180-9	PMP-17SW-SI	T	Solid	3541	
460-72180-9MS	Matrix Spike	T	Solid	3541	
460-72180-9MSD	Matrix Spike Duplicate	T	Solid	3541	
460-72180-10	PMP-18SW-VD	T	Solid	3541	
460-72180-11	PMP-18SW-WT	T	Solid	3541	
460-72180-12	PMP-18SW-SI	T	Solid	3541	
460-72180-13	PMP-19SW-VD	T	Solid	3541	
460-72180-14	PMP-19SW-WT	T	Solid	3541	
460-72180-15	PMP-19SW-SI	T	Solid	3541	
460-72180-16	PMP-26SW-VD	T	Solid	3541	
460-72180-17	PMP-26SW-WT	T	Solid	3541	
460-72180-18	PMP-26SW-SI	T	Solid	3541	
460-72180-19	PMP-27SW-VD	T	Solid	3541	
460-72180-20	PMP-27SW-WT	T	Solid	3541	
460-72180-21	PMP-27SW-SD	T	Solid	3541	
460-72180-22	PMP-31SW-VS	T	Solid	3541	
460-72180-23	PMP-32SW-VS	T	Solid	3541	
460-72180-24FD	DUP_030714	T	Solid	3541	
460-72180-25	DUP2_030714	T	Solid	3541	
460-72180-26	DUP3_030714	T	Solid	3541	
460-72180-29	PMP-27SW-SI	T	Solid	3541	
Analysis Batch:460-212014					
LCS 460-211817/2-A	Lab Control Sample	T	Solid	8270C	460-211817
LCS 460-211817/3-A	Lab Control Sample	T	Solid	8270C	460-211817
MB 460-211817/1-A	Method Blank	T	Solid	8270C	460-211817
460-72180-9	PMP-17SW-SI	T	Solid	8270C	460-211817
460-72180-9MS	Matrix Spike	T	Solid	8270C	460-211817
460-72180-9MSD	Matrix Spike Duplicate	T	Solid	8270C	460-211817
460-72180-11	PMP-18SW-WT	T	Solid	8270C	460-211817
460-72180-15	PMP-19SW-SI	T	Solid	8270C	460-211817
460-72180-16	PMP-26SW-VD	T	Solid	8270C	460-211817
460-72180-18	PMP-26SW-SI	T	Solid	8270C	460-211817
460-72180-19	PMP-27SW-VD	T	Solid	8270C	460-211817
460-72180-21	PMP-27SW-SD	T	Solid	8270C	460-211817
460-72180-25	DUP2_030714	T	Solid	8270C	460-211817

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-212016					
LCS 460-211814/2-A	Lab Control Sample	T	Solid	8270C	460-211814
LCS 460-211814/3-A	Lab Control Sample	T	Solid	8270C	460-211814
MB 460-211814/1-A	Method Blank	T	Solid	8270C	460-211814
460-71983-A-7-A MS	Matrix Spike	T	Solid	8270C	460-211814
460-71983-A-7-B MSD	Matrix Spike Duplicate	T	Solid	8270C	460-211814
460-72180-1	PMP-28SW-SD	T	Solid	8270C	460-211814
460-72180-2	PMP-15SW-VD	T	Solid	8270C	460-211814
460-72180-3	PMP-15SW-WT	T	Solid	8270C	460-211814
460-72180-4	PMP-15SW-SI	T	Solid	8270C	460-211814
460-72180-5	PMP-15SW-SD	T	Solid	8270C	460-211814
460-72180-6	PMP-16SW-WT	T	Solid	8270C	460-211814
460-72180-7	PMP-16SW-SI	T	Solid	8270C	460-211814
460-72180-8	PMP-17SW-WT	T	Solid	8270C	460-211814
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
460-72180-27FB	FB_030714	T	Water	8270C	460-211622
Analysis Batch:460-212262					
460-72180-10	PMP-18SW-VD	T	Solid	8270C	460-211817
460-72180-12	PMP-18SW-SI	T	Solid	8270C	460-211817
460-72180-13	PMP-19SW-VD	T	Solid	8270C	460-211817
460-72180-14	PMP-19SW-WT	T	Solid	8270C	460-211817
460-72180-17	PMP-26SW-WT	T	Solid	8270C	460-211817
460-72180-20	PMP-27SW-WT	T	Solid	8270C	460-211817
460-72180-22	PMP-31SW-VS	T	Solid	8270C	460-211817
460-72180-23	PMP-32SW-VS	T	Solid	8270C	460-211817
460-72180-24FD	DUP_030714	T	Solid	8270C	460-211817
460-72180-26	DUP3_030714	T	Solid	8270C	460-211817
460-72180-29	PMP-27SW-SI	T	Solid	8270C	460-211817

Report Basis

T = Total

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report			Prep Batch
		Basis	Client Matrix	Method	
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	
460-72180-27FB	FB_030714	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	
460-72180-27FB	FB_030714	T	Water	3510C	
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-F-25-B MS	Matrix Spike	T	Solid	3546	
460-72174-F-25-C MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72180-1	PMP-28SW-SD	T	Solid	3546	
460-72180-2	PMP-15SW-VD	T	Solid	3546	
460-72180-3	PMP-15SW-WT	T	Solid	3546	
Prep Batch: 460-211689					
LCS 460-211689/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211689/1-A	Method Blank	T	Solid	3546	
460-72180-4	PMP-15SW-SI	T	Solid	3546	
460-72180-5	PMP-15SW-SD	T	Solid	3546	
460-72180-6	PMP-16SW-WT	T	Solid	3546	
460-72180-7	PMP-16SW-SI	T	Solid	3546	
460-72180-8	PMP-17SW-WT	T	Solid	3546	
460-72180-9	PMP-17SW-SI	T	Solid	3546	
460-72180-9MS	Matrix Spike	T	Solid	3546	
460-72180-9MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72180-10	PMP-18SW-VD	T	Solid	3546	
460-72180-11	PMP-18SW-WT	T	Solid	3546	
460-72180-12	PMP-18SW-SI	T	Solid	3546	
460-72180-13	PMP-19SW-VD	T	Solid	3546	
460-72180-14	PMP-19SW-WT	T	Solid	3546	
460-72180-15	PMP-19SW-SI	T	Solid	3546	
460-72180-16	PMP-26SW-VD	T	Solid	3546	
460-72180-21	PMP-27SW-SD	T	Solid	3546	
460-72180-22	PMP-31SW-VS	T	Solid	3546	
460-72180-23	PMP-32SW-VS	T	Solid	3546	
460-72180-24FD	DUP_030714	T	Solid	3546	
460-72180-25	DUP2_030714	T	Solid	3546	
460-72180-26	DUP3_030714	T	Solid	3546	
460-72180-29	PMP-27SW-SI	T	Solid	3546	

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Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
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
460-72180-27FB	FB_030714	T	Water	8082	460-211482
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
460-72180-27FB	FB_030714	T	Water	NJ-OQA-QAM-025	460-211471
Prep Batch: 460-211881					
LCS 460-211881/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211881/1-A	Method Blank	T	Solid	3546	
460-72180-1	PMP-28SW-SD	T	Solid	3546	
460-72180-2	PMP-15SW-VD	T	Solid	3546	
460-72180-2MS	Matrix Spike	T	Solid	3546	
460-72180-2MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72180-3	PMP-15SW-WT	T	Solid	3546	
460-72180-4	PMP-15SW-SI	T	Solid	3546	
460-72180-5	PMP-15SW-SD	T	Solid	3546	
460-72180-6	PMP-16SW-WT	T	Solid	3546	
460-72180-7	PMP-16SW-SI	T	Solid	3546	
460-72180-8	PMP-17SW-WT	T	Solid	3546	
460-72180-9	PMP-17SW-SI	T	Solid	3546	
460-72180-10	PMP-18SW-VD	T	Solid	3546	
460-72180-11	PMP-18SW-WT	T	Solid	3546	
460-72180-12	PMP-18SW-SI	T	Solid	3546	
460-72180-13	PMP-19SW-VD	T	Solid	3546	
460-72180-14	PMP-19SW-WT	T	Solid	3546	
460-72180-15	PMP-19SW-SI	T	Solid	3546	
460-72180-16	PMP-26SW-VD	T	Solid	3546	
460-72180-17	PMP-26SW-WT	T	Solid	3546	
460-72180-18	PMP-26SW-SI	T	Solid	3546	
460-72180-19	PMP-27SW-VD	T	Solid	3546	
460-72180-20	PMP-27SW-WT	T	Solid	3546	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC Semi VOA					
Prep Batch: 460-211882					
LCS 460-211882/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211882/1-A	Method Blank	T	Solid	3546	
460-72180-21	PMP-27SW-SD	T	Solid	3546	
460-72180-22	PMP-31SW-VS	T	Solid	3546	
460-72180-23	PMP-32SW-VS	T	Solid	3546	
460-72180-24FD	DUP_030714	T	Solid	3546	
460-72180-24MS	Matrix Spike	T	Solid	3546	
460-72180-24MSD	Matrix Spike Duplicate	T	Solid	3546	
Prep Batch: 460-211888					
LCS 460-211888/2-A	Lab Control Sample	T	Solid	3546	
MB 460-211888/1-A	Method Blank	T	Solid	3546	
460-72180-17	PMP-26SW-WT	T	Solid	3546	
460-72180-18	PMP-26SW-SI	T	Solid	3546	
460-72180-19	PMP-27SW-VD	T	Solid	3546	
460-72180-20	PMP-27SW-WT	T	Solid	3546	
460-72180-20MS	Matrix Spike	T	Solid	3546	
460-72180-20MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:460-211991					
LCS 460-211881/2-A	Lab Control Sample	T	Solid	8082	460-211881
MB 460-211881/1-A	Method Blank	T	Solid	8082	460-211881
460-72180-1	PMP-28SW-SD	T	Solid	8082	460-211881
460-72180-2	PMP-15SW-VD	T	Solid	8082	460-211881
460-72180-2MS	Matrix Spike	T	Solid	8082	460-211881
460-72180-2MSD	Matrix Spike Duplicate	T	Solid	8082	460-211881
460-72180-5	PMP-15SW-SD	T	Solid	8082	460-211881
460-72180-9	PMP-17SW-SI	T	Solid	8082	460-211881
460-72180-12	PMP-18SW-SI	T	Solid	8082	460-211881
460-72180-16	PMP-26SW-VD	T	Solid	8082	460-211881
460-72180-18	PMP-26SW-SI	T	Solid	8082	460-211881
460-72180-19	PMP-27SW-VD	T	Solid	8082	460-211881
Analysis Batch:460-212066					
LCS 460-211882/2-A	Lab Control Sample	T	Solid	8082	460-211882
MB 460-211882/1-A	Method Blank	T	Solid	8082	460-211882
460-72180-21	PMP-27SW-SD	T	Solid	8082	460-211882
460-72180-22	PMP-31SW-VS	T	Solid	8082	460-211882
460-72180-23	PMP-32SW-VS	T	Solid	8082	460-211882
Analysis Batch:460-212067					
LCS 460-211882/2-A	Lab Control Sample	T	Solid	8082	460-211882
MB 460-211882/1-A	Method Blank	T	Solid	8082	460-211882

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Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-212087					
LCS 460-211688/2-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-F-25-B MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-211688
460-72174-F-25-C MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-211688
460-72180-1	PMP-28SW-SD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72180-2	PMP-15SW-VD	T	Solid	NJ-OQA-QAM-025	460-211688
460-72180-3	PMP-15SW-WT	T	Solid	NJ-OQA-QAM-025	460-211688
Analysis Batch:460-212092					
460-72180-24FD	DUP_030714	T	Solid	8082	460-211882
460-72180-24MS	Matrix Spike	T	Solid	8082	460-211882
460-72180-24MSD	Matrix Spike Duplicate	T	Solid	8082	460-211882
Prep Batch: 460-212128					
LCS 460-212128/2-A	Lab Control Sample	T	Solid	3546	
MB 460-212128/1-A	Method Blank	T	Solid	3546	
460-72180-25	DUP2_030714	T	Solid	3546	
460-72180-26	DUP3_030714	T	Solid	3546	
460-72180-26MS	Matrix Spike	T	Solid	3546	
460-72180-26MSD	Matrix Spike Duplicate	T	Solid	3546	
460-72180-29	PMP-27SW-SI	T	Solid	3546	
Analysis Batch:460-212157					
460-72180-3	PMP-15SW-WT	T	Solid	8082	460-211881
460-72180-4	PMP-15SW-SI	T	Solid	8082	460-211881
460-72180-6	PMP-16SW-WT	T	Solid	8082	460-211881
460-72180-7	PMP-16SW-SI	T	Solid	8082	460-211881
460-72180-8	PMP-17SW-WT	T	Solid	8082	460-211881
460-72180-10	PMP-18SW-VD	T	Solid	8082	460-211881
460-72180-11	PMP-18SW-WT	T	Solid	8082	460-211881
460-72180-13	PMP-19SW-VD	T	Solid	8082	460-211881
460-72180-14	PMP-19SW-WT	T	Solid	8082	460-211881
460-72180-15	PMP-19SW-SI	T	Solid	8082	460-211881
Analysis Batch:460-212261					
LCS 460-212128/2-A	Lab Control Sample	T	Solid	8082	460-212128
MB 460-212128/1-A	Method Blank	T	Solid	8082	460-212128
460-72180-29	PMP-27SW-SI	T	Solid	8082	460-212128

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-212305					
LCS 460-211689/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-211689
MB 460-211689/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-211689
LCS 460-211888/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-025	460-211888
MB 460-211888/1-A	Method Blank	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-4	PMP-15SW-SI	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-5	PMP-15SW-SD	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-6	PMP-16SW-WT	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-7	PMP-16SW-SI	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-8	PMP-17SW-WT	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-9	PMP-17SW-SI	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-9MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-9MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-10	PMP-18SW-VD	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-11	PMP-18SW-WT	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-12	PMP-18SW-SI	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-13	PMP-19SW-VD	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-14	PMP-19SW-WT	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-15	PMP-19SW-SI	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-16	PMP-26SW-VD	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-17	PMP-26SW-WT	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-18	PMP-26SW-SI	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-19	PMP-27SW-VD	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-20	PMP-27SW-WT	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-20MS	Matrix Spike	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-20MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-025	460-211888
460-72180-21	PMP-27SW-SD	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-22	PMP-31SW-VS	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-23	PMP-32SW-VS	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-24FD	DUP_030714	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-25	DUP2_030714	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-26	DUP3_030714	T	Solid	NJ-OQA-QAM-025	460-211689
460-72180-29	PMP-27SW-SI	T	Solid	NJ-OQA-QAM-025	460-211689
Analysis Batch:460-212322					
460-72180-25	DUP2_030714	T	Solid	8082	460-212128
460-72180-26	DUP3_030714	T	Solid	8082	460-212128
460-72180-26MS	Matrix Spike	T	Solid	8082	460-212128
460-72180-26MSD	Matrix Spike Duplicate	T	Solid	8082	460-212128
Analysis Batch:460-212602					
460-72180-17	PMP-26SW-WT	T	Solid	8082	460-211881
Analysis Batch:460-212604					
460-72180-20	PMP-27SW-WT	T	Solid	8082	460-211881

TestAmerica Edison

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Report Basis

T = Total

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-211389					
460-72180-1	PMP-28SW-SD	T	Solid	Moisture	
460-72180-2	PMP-15SW-VD	T	Solid	Moisture	
460-72180-2DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-211390					
460-72180-3	PMP-15SW-WT	T	Solid	Moisture	
460-72180-4	PMP-15SW-SI	T	Solid	Moisture	
460-72180-5	PMP-15SW-SD	T	Solid	Moisture	
460-72180-6	PMP-16SW-WT	T	Solid	Moisture	
460-72180-7	PMP-16SW-SI	T	Solid	Moisture	
460-72180-8	PMP-17SW-WT	T	Solid	Moisture	
460-72180-9	PMP-17SW-SI	T	Solid	Moisture	
460-72180-10	PMP-18SW-VD	T	Solid	Moisture	
460-72180-11	PMP-18SW-WT	T	Solid	Moisture	
460-72180-12	PMP-18SW-SI	T	Solid	Moisture	
460-72180-13	PMP-19SW-VD	T	Solid	Moisture	
460-72180-14	PMP-19SW-WT	T	Solid	Moisture	
460-72180-15	PMP-19SW-SI	T	Solid	Moisture	
460-72180-16	PMP-26SW-VD	T	Solid	Moisture	
460-72180-17	PMP-26SW-WT	T	Solid	Moisture	
460-72180-18	PMP-26SW-SI	T	Solid	Moisture	
460-72180-19	PMP-27SW-VD	T	Solid	Moisture	
460-72180-20	PMP-27SW-WT	T	Solid	Moisture	
460-72180-21	PMP-27SW-SD	T	Solid	Moisture	
460-72180-21DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-211398					
460-72180-22	PMP-31SW-VS	T	Solid	Moisture	
460-72180-23	PMP-32SW-VS	T	Solid	Moisture	
460-72180-24FD	DUP_030714	T	Solid	Moisture	
460-72180-25	DUP2_030714	T	Solid	Moisture	
460-72180-26	DUP3_030714	T	Solid	Moisture	
460-72180-29	PMP-27SW-SI	T	Solid	Moisture	
460-72196-A-13 DU	Duplicate	T	Solid	Moisture	
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	
460-72180-27FB	FB_030714	T	Water	SM 4500 Cl- B	

TestAmerica Edison

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
General Chemistry					
Prep Batch: 460-212230					
LB 460-212230/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-72180-1	PMP-28SW-SD	Y	Solid	D3987-85	
460-72180-1MS	Matrix Spike	Y	Solid	D3987-85	
460-72180-1MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72180-2	PMP-15SW-VD	Y	Solid	D3987-85	
460-72180-3	PMP-15SW-WT	Y	Solid	D3987-85	
460-72180-4	PMP-15SW-SI	Y	Solid	D3987-85	
460-72180-5	PMP-15SW-SD	Y	Solid	D3987-85	
460-72180-6	PMP-16SW-WT	Y	Solid	D3987-85	
460-72180-7	PMP-16SW-SI	Y	Solid	D3987-85	
460-72180-8	PMP-17SW-WT	Y	Solid	D3987-85	
460-72180-9	PMP-17SW-SI	Y	Solid	D3987-85	
460-72180-10	PMP-18SW-VD	Y	Solid	D3987-85	
460-72180-10MS	Matrix Spike	Y	Solid	D3987-85	
460-72180-10MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72180-11	PMP-18SW-WT	Y	Solid	D3987-85	
460-72180-12	PMP-18SW-SI	Y	Solid	D3987-85	
460-72180-13	PMP-19SW-VD	Y	Solid	D3987-85	
460-72180-14	PMP-19SW-WT	Y	Solid	D3987-85	
460-72180-15	PMP-19SW-SI	Y	Solid	D3987-85	
460-72180-16	PMP-26SW-VD	Y	Solid	D3987-85	
460-72180-17	PMP-26SW-WT	Y	Solid	D3987-85	
460-72180-18	PMP-26SW-SI	Y	Solid	D3987-85	
460-72180-19	PMP-27SW-VD	Y	Solid	D3987-85	
Prep Batch: 460-212232					
LB 460-212232/1-A	TCLP SPLPE Leachate Blank	Y	Solid	D3987-85	
460-72180-20	PMP-27SW-WT	Y	Solid	D3987-85	
460-72180-21	PMP-27SW-SD	Y	Solid	D3987-85	
460-72180-22	PMP-31SW-VS	Y	Solid	D3987-85	
460-72180-23	PMP-32SW-VS	Y	Solid	D3987-85	
460-72180-24FD	DUP_030714	Y	Solid	D3987-85	
460-72180-25	DUP2_030714	Y	Solid	D3987-85	
460-72180-26	DUP3_030714	Y	Solid	D3987-85	
460-72180-26MS	Matrix Spike	Y	Solid	D3987-85	
460-72180-26MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	
460-72180-29	PMP-27SW-SI	Y	Solid	D3987-85	
460-72180-29MS	Matrix Spike	Y	Solid	D3987-85	
460-72180-29MSD	Matrix Spike Duplicate	Y	Solid	D3987-85	

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
General Chemistry					
Analysis Batch:460-212714					
LCSSRM 460-212714/24	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/50	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/6	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
LCSSRM 460-212714/72	LCS-Certified Reference Material	T	Solid	SM 4500 Cl- E	
MB 460-212714/23	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/49	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/5	Method Blank	T	Solid	SM 4500 Cl- E	
MB 460-212714/71	Method Blank	T	Solid	SM 4500 Cl- E	
LB 460-212230/1-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	
460-72180-1	PMP-28SW-SD	Y	Solid	SM 4500 Cl- E	
460-72180-1MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72180-1MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72180-2	PMP-15SW-VD	Y	Solid	SM 4500 Cl- E	
460-72180-3	PMP-15SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-4	PMP-15SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-5	PMP-15SW-SD	Y	Solid	SM 4500 Cl- E	
460-72180-6	PMP-16SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-7	PMP-16SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-8	PMP-17SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-9	PMP-17SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-10	PMP-18SW-VD	Y	Solid	SM 4500 Cl- E	
460-72180-10MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72180-10MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72180-11	PMP-18SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-12	PMP-18SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-13	PMP-19SW-VD	Y	Solid	SM 4500 Cl- E	
460-72180-14	PMP-19SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-15	PMP-19SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-16	PMP-26SW-VD	Y	Solid	SM 4500 Cl- E	
460-72180-17	PMP-26SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-18	PMP-26SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-19	PMP-27SW-VD	Y	Solid	SM 4500 Cl- E	
460-72180-20	PMP-27SW-WT	Y	Solid	SM 4500 Cl- E	
460-72180-21	PMP-27SW-SD	Y	Solid	SM 4500 Cl- E	
460-72180-22	PMP-31SW-VS	Y	Solid	SM 4500 Cl- E	
460-72180-23	PMP-32SW-VS	Y	Solid	SM 4500 Cl- E	
460-72180-24FD	DUP_030714	Y	Solid	SM 4500 Cl- E	
460-72180-25	DUP2_030714	Y	Solid	SM 4500 Cl- E	
460-72180-26	DUP3_030714	Y	Solid	SM 4500 Cl- E	
460-72180-26MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72180-26MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	
460-72180-29	PMP-27SW-SI	Y	Solid	SM 4500 Cl- E	
460-72180-29MS	Matrix Spike	Y	Solid	SM 4500 Cl- E	
460-72180-29MSD	Matrix Spike Duplicate	Y	Solid	SM 4500 Cl- E	

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Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Report Basis
Y = ASTM Leach
T = Total

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-1

Client ID: PMP-28SW-SD

Sample Date/Time: 03/07/2014 08:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-1-A		460-212436	460-211417	03/08/2014	17:20	1	TAL EDI	DAS
A:8260B	460-72180-A-1-A		460-212436	460-211417	03/13/2014	20:43	1	TAL EDI	AAT
P:3541	460-72180-E-1-A		460-212016	460-211814	03/11/2014	08:37	1	TAL EDI	HMP
A:8270C	460-72180-E-1-A		460-212016	460-211814	03/12/2014	09:08	1	TAL EDI	AAA
P:3546	460-72180-F-1-B		460-211991	460-211881	03/11/2014	12:21	1	TAL EDI	CAM
A:8082	460-72180-F-1-B		460-211991	460-211881	03/12/2014	01:04	1	TAL EDI	JHP
P:3546	460-72180-F-1-A		460-212087	460-211688	03/10/2014	14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-1-A		460-212087	460-211688	03/12/2014	21:57	1	TAL EDI	DAN
A:Moisture	460-72180-E-1		460-211389		03/08/2014	11:40	1	TAL EDI	CJA
A:SM 4500 CI- E	460-72180-A-1-B		460-212714		03/14/2014	11:12	1	TAL EDI	MCC

Lab ID: 460-72180-1 MS

Client ID: PMP-28SW-SD

Sample Date/Time: 03/07/2014 08:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
A:SM 4500 CI- E	460-72180-A-1-B MS		460-212714		03/14/2014	11:53	1	TAL EDI	MCC

Lab ID: 460-72180-1 MSD

Client ID: PMP-28SW-SD

Sample Date/Time: 03/07/2014 08:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
A:SM 4500 CI- E	460-72180-A-1-B MSD		460-212714		03/14/2014	11:53	1	TAL EDI	MCC

Lab ID: 460-72180-2

Client ID: PMP-15SW-VD

Sample Date/Time: 03/07/2014 09:30

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-2-A		460-212436	460-211417	03/08/2014	17:22	1	TAL EDI	DAS
A:8260B	460-72180-A-2-A		460-212436	460-211417	03/13/2014	22:11	1	TAL EDI	AAT
P:3541	460-72180-E-2-A		460-212016	460-211814	03/11/2014	08:37	1	TAL EDI	HMP
A:8270C	460-72180-E-2-A		460-212016	460-211814	03/12/2014	13:42	1	TAL EDI	AAA
P:3546	460-72180-F-2-D		460-211991	460-211881	03/11/2014	12:21	1	TAL EDI	CAM
A:8082	460-72180-F-2-D		460-211991	460-211881	03/12/2014	01:21	1	TAL EDI	JHP
P:3546	460-72180-F-2-A		460-212087	460-211688	03/10/2014	14:48	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-2-A		460-212087	460-211688	03/12/2014	22:10	1	TAL EDI	DAN
A:Moisture	460-72180-E-2		460-211389		03/08/2014	11:40	1	TAL EDI	CJA
A:SM 4500 CI- E	460-72180-A-2-B		460-212714		03/14/2014	11:12	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-2 MS

Client ID: PMP-15SW-VD

Sample Date/Time: 03/07/2014 09:30

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72180-F-2-B MS		460-211991	460-211881	03/11/2014 12:21	1	TAL EDI	CAM
A:8082	460-72180-F-2-B MS		460-211991	460-211881	03/12/2014 00:30	1	TAL EDI	JHP

Lab ID: 460-72180-2 MSD

Client ID: PMP-15SW-VD

Sample Date/Time: 03/07/2014 09:30

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72180-F-2-C MSD		460-211991	460-211881	03/11/2014 12:21	1	TAL EDI	CAM
A:8082	460-72180-F-2-C MSD		460-211991	460-211881	03/12/2014 00:47	1	TAL EDI	JHP

Lab ID: 460-72180-2 DU

Client ID: PMP-15SW-VD

Sample Date/Time: 03/07/2014 09:30

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-72180-E-2 DU		460-211389		03/08/2014 11:40	1	TAL EDI	CJA

Lab ID: 460-72180-3

Client ID: PMP-15SW-WT

Sample Date/Time: 03/07/2014 09:35

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72180-C-3-A		460-212620	460-211405	03/08/2014 13:53	50	TAL EDI	DAS
A:8260B	460-72180-C-3-A		460-212620	460-211405	03/14/2014 14:09	50	TAL EDI	FAM
P:3541	460-72180-E-3-A		460-212016	460-211814	03/11/2014 08:37	5	TAL EDI	HMP
A:8270C	460-72180-E-3-A		460-212016	460-211814	03/12/2014 14:06	5	TAL EDI	AAA
P:3546	460-72180-F-3-B		460-212157	460-211881	03/11/2014 12:21	50	TAL EDI	CAM
A:8082	460-72180-F-3-B		460-212157	460-211881	03/12/2014 11:58	50	TAL EDI	JHP
P:3546	460-72180-F-3-A		460-212087	460-211688	03/10/2014 14:48	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-3-A		460-212087	460-211688	03/12/2014 22:24	20	TAL EDI	DAN
A:Moisture	460-72180-E-3		460-211390		03/08/2014 11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-3-B		460-212714		03/14/2014 11:12	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-4

Client ID: PMP-15SW-SI

Sample Date/Time: 03/07/2014 09:40

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-4-A		460-212436	460-211417	03/08/2014	17:27	1	TAL EDI	DAS
A:8260B	460-72180-A-4-A		460-212436	460-211417	03/13/2014	22:36	1	TAL EDI	AAT
P:3541	460-72180-E-4-A		460-212016	460-211814	03/11/2014	08:37	1	TAL EDI	HMP
A:8270C	460-72180-E-4-A		460-212016	460-211814	03/12/2014	09:33	1	TAL EDI	AAA
P:3546	460-72180-F-4-B		460-212157	460-211881	03/11/2014	12:21	1	TAL EDI	CAM
A:8082	460-72180-F-4-B		460-212157	460-211881	03/12/2014	12:17	1	TAL EDI	JHP
P:3546	460-72180-F-4-A		460-212305	460-211689	03/10/2014	14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-4-A		460-212305	460-211689	03/13/2014	10:50	1	TAL EDI	DAN
A:Moisture	460-72180-E-4		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-4-B		460-212714		03/14/2014	11:12	1	TAL EDI	MCC

Lab ID: 460-72180-5

Client ID: PMP-15SW-SD

Sample Date/Time: 03/07/2014 09:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-5-A		460-212436	460-211417	03/08/2014	17:30	1	TAL EDI	DAS
A:8260B	460-72180-A-5-A		460-212436	460-211417	03/13/2014	23:01	1	TAL EDI	AAT
P:3541	460-72180-E-5-A		460-212016	460-211814	03/11/2014	08:37	1	TAL EDI	HMP
A:8270C	460-72180-E-5-A		460-212016	460-211814	03/12/2014	09:58	1	TAL EDI	AAA
P:3546	460-72180-F-5-B		460-211991	460-211881	03/11/2014	12:21	1	TAL EDI	CAM
A:8082	460-72180-F-5-B		460-211991	460-211881	03/12/2014	02:09	1	TAL EDI	JHP
P:3546	460-72180-F-5-A		460-212305	460-211689	03/10/2014	14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-5-A		460-212305	460-211689	03/13/2014	11:04	1	TAL EDI	DAN
A:Moisture	460-72180-E-5		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-5-B		460-212714		03/14/2014	11:12	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-6

Client ID: PMP-16SW-WT

Sample Date/Time: 03/07/2014 10:20

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-C-6-A		460-212620	460-211405	03/08/2014	13:56	50	TAL EDI	DAS
A:8260B	460-72180-C-6-A		460-212620	460-211405	03/14/2014	14:33	50	TAL EDI	FAM
P:3541	460-72180-E-6-A		460-212016	460-211814	03/11/2014	08:37	2	TAL EDI	HMP
A:8270C	460-72180-E-6-A		460-212016	460-211814	03/12/2014	12:28	2	TAL EDI	AAA
P:3546	460-72180-F-6-B		460-212157	460-211881	03/11/2014	12:21	10	TAL EDI	CAM
A:8082	460-72180-F-6-B		460-212157	460-211881	03/12/2014	12:35	10	TAL EDI	JHP
P:3546	460-72180-F-6-A		460-212305	460-211689	03/10/2014	14:53	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-6-A		460-212305	460-211689	03/13/2014	11:17	20	TAL EDI	DAN
A:Moisture	460-72180-E-6		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-6-B		460-212714		03/14/2014	11:12	1	TAL EDI	MCC

Lab ID: 460-72180-7

Client ID: PMP-16SW-SI

Sample Date/Time: 03/07/2014 10:25

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-7-A		460-212436	460-211417	03/08/2014	17:35	1	TAL EDI	DAS
A:8260B	460-72180-A-7-A		460-212436	460-211417	03/13/2014	23:26	1	TAL EDI	AAT
P:3541	460-72180-E-7-A		460-212016	460-211814	03/11/2014	08:37	1	TAL EDI	HMP
A:8270C	460-72180-E-7-A		460-212016	460-211814	03/12/2014	12:53	1	TAL EDI	AAA
P:3546	460-72180-F-7-B		460-212157	460-211881	03/11/2014	12:21	10	TAL EDI	CAM
A:8082	460-72180-F-7-B		460-212157	460-211881	03/12/2014	12:54	10	TAL EDI	JHP
P:3546	460-72180-F-7-A		460-212305	460-211689	03/10/2014	14:53	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-7-A		460-212305	460-211689	03/13/2014	11:31	5	TAL EDI	DAN
A:Moisture	460-72180-E-7		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-7-B		460-212714		03/14/2014	11:12	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-8

Client ID: PMP-17SW-WT

Sample Date/Time: 03/07/2014 10:35

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-8-A		460-212436	460-211417	03/08/2014	17:37	1	TAL EDI	DAS
A:8260B	460-72180-A-8-A		460-212436	460-211417	03/13/2014	23:51	1	TAL EDI	AAT
P:3541	460-72180-E-8-A		460-212016	460-211814	03/11/2014	08:37	5	TAL EDI	HMP
A:8270C	460-72180-E-8-A		460-212016	460-211814	03/12/2014	12:03	5	TAL EDI	AAA
P:3546	460-72180-F-8-B		460-212157	460-211881	03/11/2014	12:22	50	TAL EDI	CAM
A:8082	460-72180-F-8-B		460-212157	460-211881	03/12/2014	13:13	50	TAL EDI	JHP
P:3546	460-72180-F-8-A		460-212305	460-211689	03/10/2014	14:53	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-8-A		460-212305	460-211689	03/13/2014	12:12	25	TAL EDI	DAN
A:Moisture	460-72180-E-8		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-8-B		460-212714		03/14/2014	11:15	1	TAL EDI	MCC

Lab ID: 460-72180-9

Client ID: PMP-17SW-SI

Sample Date/Time: 03/07/2014 10:40

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-B-9-A		460-212542	460-211417	03/08/2014	17:41	1	TAL EDI	DAS
A:8260B	460-72180-B-9-A		460-212542	460-211417	03/14/2014	07:58	1	TAL EDI	AAT
P:3541	460-72180-E-9-C		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-9-C		460-212014	460-211817	03/12/2014	10:36	1	TAL EDI	MMC
P:3546	460-72180-F-9-D		460-211991	460-211881	03/11/2014	12:22	1	TAL EDI	CAM
A:8082	460-72180-F-9-D		460-211991	460-211881	03/12/2014	03:15	1	TAL EDI	JHP
P:3546	460-72180-F-9-C		460-212305	460-211689	03/10/2014	14:53	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-9-C		460-212305	460-211689	03/13/2014	10:36	10	TAL EDI	DAN
A:Moisture	460-72180-E-9		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-9-B		460-212714		03/14/2014	11:15	1	TAL EDI	MCC

Lab ID: 460-72180-9 MS

Client ID: PMP-17SW-SI

Sample Date/Time: 03/07/2014 10:40

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3541	460-72180-E-9-A MS		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-9-A MS		460-212014	460-211817	03/12/2014	09:51	1	TAL EDI	MMC
P:3546	460-72180-F-9-A MS		460-212305	460-211689	03/10/2014	14:53	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-9-A MS		460-212305	460-211689	03/13/2014	10:09	10	TAL EDI	DAN

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-9 MSD

Client ID: PMP-17SW-SI

Sample Date/Time: 03/07/2014 10:40

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-72180-E-9-B MSD		460-212014	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-9-B MSD		460-212014	460-211817	03/12/2014 10:14	1	TAL EDI	MMC
P:3546	460-72180-F-9-B MSD		460-212305	460-211689	03/10/2014 14:53	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-9-B MSD		460-212305	460-211689	03/13/2014 10:22	10	TAL EDI	DAN

Lab ID: 460-72180-10

Client ID: PMP-18SW-VD

Sample Date/Time: 03/07/2014 10:35

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72180-A-10-A		460-212542	460-211417	03/08/2014 17:42	1	TAL EDI	DAS
A:8260B	460-72180-A-10-A		460-212542	460-211417	03/14/2014 10:26	1	TAL EDI	AAT
P:3541	460-72180-E-10-A		460-212262	460-211817	03/11/2014 08:44	5	TAL EDI	HMP
A:8270C	460-72180-E-10-A		460-212262	460-211817	03/13/2014 08:56	5	TAL EDI	MMC
P:3546	460-72180-F-10-B		460-212157	460-211881	03/11/2014 12:22	10	TAL EDI	CAM
A:8082	460-72180-F-10-B		460-212157	460-211881	03/12/2014 13:32	10	TAL EDI	JHP
P:3546	460-72180-F-10-A		460-212305	460-211689	03/10/2014 14:53	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-10-A		460-212305	460-211689	03/13/2014 12:26	5	TAL EDI	DAN
A:Moisture	460-72180-E-10		460-211390		03/08/2014 11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-10-B		460-212714		03/14/2014 11:50	1	TAL EDI	MCC

Lab ID: 460-72180-10 MS

Client ID: PMP-18SW-VD

Sample Date/Time: 03/07/2014 10:35

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72180-A-10-B MS		460-212714		03/14/2014 12:17	1	TAL EDI	MCC

Lab ID: 460-72180-10 MSD

Client ID: PMP-18SW-VD

Sample Date/Time: 03/07/2014 10:35

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72180-A-10-B MSD		460-212714		03/14/2014 12:17	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-11

Client ID: PMP-18SW-WT

Sample Date/Time: 03/07/2014 11:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5035	460-72180-A-11-A		460-212436	460-211417	03/08/2014	17:44	1	TAL EDI	DAS
A:8260B	460-72180-A-11-A		460-212436	460-211417	03/14/2014	00:40	1	TAL EDI	AAT
P:3541	460-72180-E-11-A		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-11-A		460-212014	460-211817	03/12/2014	10:59	1	TAL EDI	MMC
P:3546	460-72180-F-11-B		460-212157	460-211881	03/11/2014	12:22	20	TAL EDI	CAM
A:8082	460-72180-F-11-B		460-212157	460-211881	03/12/2014	13:51	20	TAL EDI	JHP
P:3546	460-72180-F-11-A		460-212305	460-211689	03/10/2014	14:53	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-11-A		460-212305	460-211689	03/13/2014	12:39	5	TAL EDI	DAN
A:Moisture	460-72180-E-11		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-11-B		460-212714		03/14/2014	11:50	1	TAL EDI	MCC

Lab ID: 460-72180-12

Client ID: PMP-18SW-SI

Sample Date/Time: 03/07/2014 11:05

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	Analyzed				
P:5035	460-72180-A-12-A		460-212436	460-211417	03/08/2014	17:47	1	TAL EDI	DAS
A:8260B	460-72180-A-12-A		460-212436	460-211417	03/14/2014	01:05	1	TAL EDI	AAT
P:3541	460-72180-E-12-A		460-212262	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-12-A		460-212262	460-211817	03/13/2014	10:48	1	TAL EDI	MMC
P:3546	460-72180-F-12-B		460-211991	460-211881	03/11/2014	12:22	1	TAL EDI	CAM
A:8082	460-72180-F-12-B		460-211991	460-211881	03/12/2014	04:04	1	TAL EDI	JHP
P:3546	460-72180-F-12-A		460-212305	460-211689	03/10/2014	14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-12-A		460-212305	460-211689	03/13/2014	12:53	1	TAL EDI	DAN
A:Moisture	460-72180-E-12		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-12-B		460-212714		03/14/2014	11:50	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-13

Client ID: PMP-19SW-VD

Sample Date/Time: 03/07/2014 12:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-B-13-A		460-212542	460-211417	03/08/2014	17:51	1	TAL EDI	DAS
A:8260B	460-72180-B-13-A		460-212542	460-211417	03/14/2014	16:24	1	TAL EDI	AAT
P:3541	460-72180-E-13-A		460-212262	460-211817	03/11/2014	08:44	5	TAL EDI	HMP
A:8270C	460-72180-E-13-A		460-212262	460-211817	03/13/2014	09:18	5	TAL EDI	MMC
P:3546	460-72180-F-13-B		460-212157	460-211881	03/11/2014	12:22	5	TAL EDI	CAM
A:8082	460-72180-F-13-B		460-212157	460-211881	03/12/2014	14:10	5	TAL EDI	JHP
P:3546	460-72180-F-13-A		460-212305	460-211689	03/10/2014	14:53	5	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-13-A		460-212305	460-211689	03/13/2014	13:07	5	TAL EDI	DAN
A:Moisture	460-72180-E-13		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-13-B		460-212714		03/14/2014	11:50	1	TAL EDI	MCC

Lab ID: 460-72180-14

Client ID: PMP-19SW-WT

Sample Date/Time: 03/07/2014 12:05

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-C-14-A		460-212509	460-211405	03/08/2014	14:03	50	TAL EDI	DAS
A:8260B	460-72180-C-14-A		460-212509	460-211405	03/14/2014	05:33	50	TAL EDI	KLB
P:3541	460-72180-E-14-A		460-212262	460-211817	03/11/2014	08:44	5	TAL EDI	HMP
A:8270C	460-72180-E-14-A		460-212262	460-211817	03/13/2014	09:41	5	TAL EDI	MMC
P:3546	460-72180-F-14-B		460-212157	460-211881	03/11/2014	12:22	10	TAL EDI	CAM
A:8082	460-72180-F-14-B		460-212157	460-211881	03/12/2014	14:29	10	TAL EDI	JHP
P:3546	460-72180-F-14-A		460-212305	460-211689	03/10/2014	14:53	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-14-A		460-212305	460-211689	03/13/2014	13:20	25	TAL EDI	DAN
A:Moisture	460-72180-E-14		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-14-B		460-212714		03/14/2014	11:50	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-15

Client ID: PMP-19SW-SI

Sample Date/Time: 03/07/2014 12:10

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-15-A		460-212542	460-211417	03/08/2014	17:54	1	TAL EDI	DAS
A:8260B	460-72180-A-15-A		460-212542	460-211417	03/14/2014	10:01	1	TAL EDI	AAT
P:3541	460-72180-E-15-A		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-15-A		460-212014	460-211817	03/12/2014	14:22	1	TAL EDI	MMC
P:3546	460-72180-F-15-B		460-212157	460-211881	03/11/2014	12:22	1	TAL EDI	CAM
A:8082	460-72180-F-15-B		460-212157	460-211881	03/12/2014	14:48	1	TAL EDI	JHP
P:3546	460-72180-F-15-A		460-212305	460-211689	03/10/2014	14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-15-A		460-212305	460-211689	03/13/2014	13:34	1	TAL EDI	DAN
A:Moisture	460-72180-E-15		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-15-B		460-212714		03/14/2014	11:50	1	TAL EDI	MCC

Lab ID: 460-72180-16

Client ID: PMP-26SW-VD

Sample Date/Time: 03/07/2014 12:20

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-16-A		460-212436	460-211417	03/08/2014	17:57	1	TAL EDI	DAS
A:8260B	460-72180-A-16-A		460-212436	460-211417	03/14/2014	01:30	1	TAL EDI	AAT
P:3541	460-72180-E-16-A		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-16-A		460-212014	460-211817	03/12/2014	14:44	1	TAL EDI	MMC
P:3546	460-72180-F-16-B		460-211991	460-211881	03/11/2014	12:22	1	TAL EDI	CAM
A:8082	460-72180-F-16-B		460-211991	460-211881	03/12/2014	05:10	1	TAL EDI	JHP
P:3546	460-72180-F-16-A		460-212305	460-211689	03/10/2014	14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-16-A		460-212305	460-211689	03/13/2014	13:47	1	TAL EDI	DAN
A:Moisture	460-72180-E-16		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-16-B		460-212714		03/14/2014	11:50	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-17

Client ID: PMP-26SW-WT

Sample Date/Time: 03/07/2014 12:25

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-17-A		460-212436	460-211417	03/08/2014	17:59	1	TAL EDI	DAS
A:8260B	460-72180-A-17-A		460-212436	460-211417	03/14/2014	01:54	1	TAL EDI	AAT
P:3541	460-72180-E-17-A		460-212262	460-211817	03/11/2014	08:44	5	TAL EDI	HMP
A:8270C	460-72180-E-17-A		460-212262	460-211817	03/13/2014	10:03	5	TAL EDI	MMC
P:3546	460-72180-E-17-B		460-212602	460-211881	03/11/2014	12:22	10	TAL EDI	CAM
A:8082	460-72180-E-17-B		460-212602	460-211881	03/14/2014	09:55	10	TAL EDI	JHP
P:3546	460-72180-F-17-A		460-212305	460-211888	03/11/2014	13:19	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-17-A		460-212305	460-211888	03/13/2014	08:33	10	TAL EDI	DAN
A:Moisture	460-72180-E-17		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-17-B		460-212714		03/14/2014	11:53	1	TAL EDI	MCC

Lab ID: 460-72180-18

Client ID: PMP-26SW-SI

Sample Date/Time: 03/07/2014 12:30

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-B-18-A		460-212542	460-211417	03/08/2014	18:03	1	TAL EDI	DAS
A:8260B	460-72180-B-18-A		460-212542	460-211417	03/14/2014	07:08	1	TAL EDI	AAT
P:3541	460-72180-E-18-A		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-18-A		460-212014	460-211817	03/12/2014	15:06	1	TAL EDI	MMC
P:3546	460-72180-E-18-B		460-211991	460-211881	03/11/2014	12:22	1	TAL EDI	CAM
A:8082	460-72180-E-18-B		460-211991	460-211881	03/12/2014	05:44	1	TAL EDI	JHP
P:3546	460-72180-F-18-A		460-212305	460-211888	03/11/2014	13:19	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-18-A		460-212305	460-211888	03/13/2014	08:47	1	TAL EDI	DAN
A:Moisture	460-72180-E-18		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-18-B		460-212714		03/14/2014	11:53	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-19

Client ID: PMP-27SW-VD

Sample Date/Time: 03/07/2014 11:40

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-19-A		460-212436	460-211417	03/08/2014	18:04	1	TAL EDI	DAS
A:8260B	460-72180-A-19-A		460-212436	460-211417	03/14/2014	02:44	1	TAL EDI	AAT
P:3541	460-72180-E-19-A		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-19-A		460-212014	460-211817	03/12/2014	15:28	1	TAL EDI	MMC
P:3546	460-72180-E-19-B		460-211991	460-211881	03/11/2014	12:22	1	TAL EDI	CAM
A:8082	460-72180-E-19-B		460-211991	460-211881	03/12/2014	06:00	1	TAL EDI	JHP
P:3546	460-72180-F-19-A		460-212305	460-211888	03/11/2014	13:19	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-19-A		460-212305	460-211888	03/13/2014	09:00	1	TAL EDI	DAN
A:Moisture	460-72180-E-19		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-19-B		460-212714		03/14/2014	12:51	1	TAL EDI	MCC

Lab ID: 460-72180-20

Client ID: PMP-27SW-WT

Sample Date/Time: 03/07/2014 11:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-C-20-A		460-212509	460-211405	03/08/2014	14:08	50	TAL EDI	DAS
A:8260B	460-72180-C-20-A		460-212509	460-211405	03/14/2014	06:22	50	TAL EDI	KLB
P:3541	460-72180-E-20-A		460-212262	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-20-A		460-212262	460-211817	03/13/2014	07:49	1	TAL EDI	MMC
P:3546	460-72180-E-20-B		460-212604	460-211881	03/11/2014	12:22	2	TAL EDI	CAM
A:8082	460-72180-E-20-B		460-212604	460-211881	03/14/2014	12:31	2	TAL EDI	JHP
P:3546	460-72180-F-20-C		460-212305	460-211888	03/11/2014	13:19	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-20-C		460-212305	460-211888	03/13/2014	08:19	20	TAL EDI	DAN
A:Moisture	460-72180-E-20		460-211390		03/08/2014	11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-20-B		460-212714		03/14/2014	12:51	1	TAL EDI	MCC

Lab ID: 460-72180-20 MS

Client ID: PMP-27SW-WT

Sample Date/Time: 03/07/2014 11:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3546	460-72180-F-20-A MS		460-212305	460-211888	03/11/2014	13:19	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-20-A MS		460-212305	460-211888	03/13/2014	07:52	20	TAL EDI	DAN

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-20 MSD

Client ID: PMP-27SW-WT

Sample Date/Time: 03/07/2014 11:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-72180-F-20-B MSD		460-212305	460-211888	03/11/2014 13:19	20	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-20-B MSD		460-212305	460-211888	03/13/2014 08:05	20	TAL EDI	DAN

Lab ID: 460-72180-21

Client ID: PMP-27SW-SD

Sample Date/Time: 03/07/2014 11:55

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72180-A-21-A		460-212436	460-211417	03/08/2014 18:09	1	TAL EDI	DAS
A:8260B	460-72180-A-21-A		460-212436	460-211417	03/14/2014 03:09	1	TAL EDI	AAT
P:3541	460-72180-E-21-A		460-212014	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-21-A		460-212014	460-211817	03/12/2014 16:13	1	TAL EDI	MMC
P:3546	460-72180-F-21-B		460-212066	460-211882	03/11/2014 12:24	1	TAL EDI	CAM
A:8082	460-72180-F-21-B		460-212066	460-211882	03/12/2014 06:21	1	TAL EDI	JHP
P:3546	460-72180-F-21-A		460-212305	460-211689	03/10/2014 14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-21-A		460-212305	460-211689	03/13/2014 14:28	1	TAL EDI	DAN
A:Moisture	460-72180-E-21		460-211390		03/08/2014 11:58	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-21-B		460-212714		03/14/2014 12:51	1	TAL EDI	MCC

Lab ID: 460-72180-21 DU

Client ID: PMP-27SW-SD

Sample Date/Time: 03/07/2014 11:55

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-72180-E-21 DU		460-211390		03/08/2014 11:58	1	TAL EDI	CJA

Lab ID: 460-72180-22

Client ID: PMP-31SW-VS

Sample Date/Time: 03/07/2014 12:35

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72180-A-22-A		460-212436	460-211417	03/08/2014 18:12	1	TAL EDI	DAS
A:8260B	460-72180-A-22-A		460-212436	460-211417	03/14/2014 03:33	1	TAL EDI	AAT
P:3541	460-72180-E-22-A		460-212262	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-22-A		460-212262	460-211817	03/13/2014 11:55	1	TAL EDI	MMC
P:3546	460-72180-F-22-B		460-212066	460-211882	03/11/2014 12:24	1	TAL EDI	CAM
A:8082	460-72180-F-22-B		460-212066	460-211882	03/12/2014 06:40	1	TAL EDI	JHP
P:3546	460-72180-F-22-A		460-212305	460-211689	03/10/2014 14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-22-A		460-212305	460-211689	03/13/2014 14:42	1	TAL EDI	DAN
A:Moisture	460-72180-E-22		460-211398		03/08/2014 12:25	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-22-B		460-212714		03/14/2014 12:51	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-23

Client ID: PMP-32SW-VS

Sample Date/Time: 03/07/2014 12:45

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-A-23-A		460-212436	460-211417	03/08/2014	18:14	1	TAL EDI	DAS
A:8260B	460-72180-A-23-A		460-212436	460-211417	03/14/2014	03:58	1	TAL EDI	AAT
P:3541	460-72180-E-23-A		460-212262	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-23-A		460-212262	460-211817	03/13/2014	11:10	1	TAL EDI	MMC
P:3546	460-72180-F-23-B		460-212066	460-211882	03/11/2014	12:24	1	TAL EDI	CAM
A:8082	460-72180-F-23-B		460-212066	460-211882	03/12/2014	06:59	1	TAL EDI	JHP
P:3546	460-72180-F-23-A		460-212305	460-211689	03/10/2014	14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-23-A		460-212305	460-211689	03/13/2014	14:56	1	TAL EDI	DAN
A:Moisture	460-72180-E-23		460-211398		03/08/2014	12:25	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-23-B		460-212714		03/14/2014	12:51	1	TAL EDI	MCC

Lab ID: 460-72180-24

Client ID: DUP_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-C-24-A		460-212509	460-211405	03/08/2014	14:12	50	TAL EDI	DAS
A:8260B	460-72180-C-24-A		460-212509	460-211405	03/14/2014	06:47	50	TAL EDI	KLB
P:3541	460-72180-E-24-A		460-212262	460-211817	03/11/2014	08:44	2	TAL EDI	HMP
A:8270C	460-72180-E-24-A		460-212262	460-211817	03/13/2014	10:25	2	TAL EDI	MMC
P:3546	460-72180-F-24-D		460-212092	460-211882	03/11/2014	12:24	10	TAL EDI	CAM
A:8082	460-72180-F-24-D		460-212092	460-211882	03/12/2014	10:31	10	TAL EDI	JHP
P:3546	460-72180-F-24-A		460-212305	460-211689	03/10/2014	14:53	25	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-24-A		460-212305	460-211689	03/13/2014	15:09	25	TAL EDI	DAN
A:Moisture	460-72180-E-24		460-211398		03/08/2014	12:25	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-24-B		460-212714		03/14/2014	12:51	1	TAL EDI	MCC

Lab ID: 460-72180-24 MS

Client ID: DUP_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3546	460-72180-F-24-B MS		460-212092	460-211882	03/11/2014	12:24	10	TAL EDI	CAM
A:8082	460-72180-F-24-B MS		460-212092	460-211882	03/12/2014	10:50	10	TAL EDI	JHP

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-24 MSD

Client ID: DUP_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3546	460-72180-F-24-C MSD		460-212092	460-211882	03/11/2014	12:24	10	TAL EDI	CAM
A:8082	460-72180-F-24-C MSD		460-212092	460-211882	03/12/2014	11:09	10	TAL EDI	JHP

Lab ID: 460-72180-25

Client ID: DUP2_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-B-25-A		460-212542	460-211417	03/08/2014	18:19	1	TAL EDI	DAS
A:8260B	460-72180-B-25-A		460-212542	460-211417	03/14/2014	08:47	1	TAL EDI	AAT
P:3541	460-72180-E-25-A		460-212014	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-25-A		460-212014	460-211817	03/12/2014	13:37	1	TAL EDI	MMC
P:3546	460-72180-F-25-B		460-212322	460-212128	03/12/2014	11:43	20	TAL EDI	CAM
A:8082	460-72180-F-25-B		460-212322	460-212128	03/13/2014	08:00	20	TAL EDI	JHP
P:3546	460-72180-F-25-A		460-212305	460-211689	03/10/2014	14:53	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-25-A		460-212305	460-211689	03/13/2014	15:23	10	TAL EDI	DAN
A:Moisture	460-72180-E-25		460-211398		03/08/2014	12:25	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-25-B		460-212714		03/14/2014	12:54	1	TAL EDI	MCC

Lab ID: 460-72180-26

Client ID: DUP3_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-B-26-A		460-212542	460-211417	03/08/2014	18:22	1	TAL EDI	DAS
A:8260B	460-72180-B-26-A		460-212542	460-211417	03/14/2014	10:51	1	TAL EDI	AAT
P:3541	460-72180-E-26-A		460-212262	460-211817	03/11/2014	08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-26-A		460-212262	460-211817	03/13/2014	11:32	1	TAL EDI	MMC
P:3546	460-72180-F-26-D		460-212322	460-212128	03/12/2014	11:43	10	TAL EDI	CAM
A:8082	460-72180-F-26-D		460-212322	460-212128	03/13/2014	08:19	10	TAL EDI	JHP
P:3546	460-72180-F-26-A		460-212305	460-211689	03/10/2014	14:53	10	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-26-A		460-212305	460-211689	03/13/2014	15:36	10	TAL EDI	DAN
A:Moisture	460-72180-E-26		460-211398		03/08/2014	12:25	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-26-B		460-212714		03/14/2014	12:54	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-26 MS

Client ID: DUP3_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3546	460-72180-F-26-B MS		460-212322	460-212128	03/12/2014	11:43	10	TAL EDI	CAM
A:8082	460-72180-F-26-B MS		460-212322	460-212128	03/13/2014	08:38	10	TAL EDI	JHP
A:SM 4500 CI- E	460-72180-A-26-B MS		460-212714		03/14/2014	13:00	1	TAL EDI	MCC

Lab ID: 460-72180-26 MSD

Client ID: DUP3_030714

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:3546	460-72180-F-26-C MSD		460-212322	460-212128	03/12/2014	11:43	10	TAL EDI	CAM
A:8082	460-72180-F-26-C MSD		460-212322	460-212128	03/13/2014	08:57	10	TAL EDI	JHP
A:SM 4500 CI- E	460-72180-A-26-B MSD		460-212714		03/14/2014	13:00	1	TAL EDI	MCC

Lab ID: 460-72180-27

Client ID: FB_030714

Sample Date/Time: 03/07/2014 14:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5030B	460-72180-B-27		460-212288		03/13/2014	13:18	1	TAL EDI	CJM
A:8260B	460-72180-B-27		460-212288		03/13/2014	13:18	1	TAL EDI	CJM
P:3510C	460-72180-E-27-A		460-212257	460-211622	03/10/2014	09:35	1	TAL EDI	HAW
A:8270C	460-72180-E-27-A		460-212257	460-211622	03/13/2014	06:28	1	TAL EDI	MMC
P:3510C	460-72180-H-27-A		460-211706	460-211482	03/09/2014	10:42	1	TAL EDI	HAW
A:8082	460-72180-H-27-A		460-211706	460-211482	03/11/2014	05:44	1	TAL EDI	JHP
P:3510C	460-72180-J-27-A		460-211769	460-211471	03/09/2014	10:24	1	TAL EDI	HAW
A:NJ-OQA-QAM-025	460-72180-J-27-A		460-211769	460-211471	03/11/2014	10:00	1	TAL EDI	DAN
A:SM 4500 CI- B	460-72180-D-27		460-211961		03/10/2014	15:00	1	TAL EDI	HTV

Lab ID: 460-72180-28

Client ID: Trip Blank

Sample Date/Time: 03/07/2014 00:00

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis		Date Prepared /		Dil	Lab	Analyst
			Batch	Prep Batch	AnalYZed				
P:5035	460-72180-E-28-A		460-212436	460-211417	03/08/2014	18:27	1	TAL EDI	DAS
A:8260B	460-72180-E-28-A		460-212436	460-211417	03/13/2014	20:19	1	TAL EDI	AAT

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: 460-72180-29

Client ID: PMP-27SW-SI

Sample Date/Time: 03/07/2014 11:50

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-72180-B-29-A		460-212542	460-211417	03/08/2014 18:29	1	TAL EDI	DAS
A:8260B	460-72180-B-29-A		460-212542	460-211417	03/14/2014 09:12	1	TAL EDI	AAT
P:3541	460-72180-E-29-A		460-212262	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	460-72180-E-29-A		460-212262	460-211817	03/13/2014 08:11	1	TAL EDI	MMC
P:3546	460-72180-F-29-B		460-212261	460-212128	03/12/2014 11:43	1	TAL EDI	CAM
A:8082	460-72180-F-29-B		460-212261	460-212128	03/13/2014 06:35	1	TAL EDI	JHP
P:3546	460-72180-F-29-A		460-212305	460-211689	03/10/2014 14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	460-72180-F-29-A		460-212305	460-211689	03/13/2014 15:50	1	TAL EDI	DAN
A:Moisture	460-72180-E-29		460-211398		03/08/2014 12:25	1	TAL EDI	CJA
A:SM 4500 Cl- E	460-72180-A-29-B		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Lab ID: 460-72180-29 MS

Client ID: PMP-27SW-SI

Sample Date/Time: 03/07/2014 11:50

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72180-A-29-B MS		460-212714		03/14/2014 13:20	1	TAL EDI	MCC

Lab ID: 460-72180-29 MSD

Client ID: PMP-27SW-SI

Sample Date/Time: 03/07/2014 11:50

Received Date/Time: 03/07/2014 16:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 4500 Cl- E	460-72180-A-29-B MSD		460-212714		03/14/2014 13:20	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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
P:5030B	MB 460-212288/7		460-212288		03/13/2014 08:19	1	TAL EDI	CJM
A:8260B	MB 460-212288/7		460-212288		03/13/2014 08:19	1	TAL EDI	CJM
A:8260B	MB 460-212436/6		460-212436		03/13/2014 19:54	1	TAL EDI	AAT
A:8260B	MB 460-212509/6		460-212509		03/13/2014 23:22	50	TAL EDI	KLB
A:8260B	MB 460-212542/6		460-212542		03/14/2014 06:44	1	TAL EDI	AAT
A:8260B	MB 460-212620/6		460-212620		03/14/2014 12:05	50	TAL EDI	FAM
P:3541	MB 460-211817/1-A		460-212014	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	MB 460-211817/1-A		460-212014	460-211817	03/12/2014 08:43	1	TAL EDI	MMC
P:3541	MB 460-211814/1-A		460-212016	460-211814	03/11/2014 08:37	1	TAL EDI	HMP
A:8270C	MB 460-211814/1-A		460-212016	460-211814	03/12/2014 10:23	1	TAL EDI	AAA
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: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:3546	MB 460-211881/1-A		460-211991	460-211881	03/11/2014 12:21	1	TAL EDI	CAM
A:8082	MB 460-211881/1-A		460-211991	460-211881	03/11/2014 23:57	1	TAL EDI	JHP
P:3546	MB 460-211882/1-A		460-212066	460-211882	03/11/2014 12:24	1	TAL EDI	CAM
P:3546	MB 460-211882/1-A		460-212067	460-211882	03/11/2014 12:24	1	TAL EDI	CAM
A:8082	MB 460-211882/1-A		460-212066	460-211882	03/12/2014 00:03	1	TAL EDI	JHP
A:8082	MB 460-211882/1-A		460-212067	460-211882	03/12/2014 00:03	1	TAL EDI	JHP
P:3546	MB 460-212128/1-A		460-212261	460-212128	03/12/2014 11:43	1	TAL EDI	CAM
A:8082	MB 460-212128/1-A		460-212261	460-212128	03/13/2014 00:17	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 460-211688/1-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
P:3546	MB 460-211888/1-A		460-212305	460-211888	03/11/2014 13:19	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-211888/1-A		460-212305	460-211888	03/13/2014 07:25	1	TAL EDI	DAN
P:3546	MB 460-211689/1-A		460-212305	460-211689	03/10/2014 14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	MB 460-211689/1-A		460-212305	460-211689	03/13/2014 09:41	1	TAL EDI	DAN
A:SM 4500 CI- B	MB 460-211961/1		460-211961		03/10/2014 15:00	1	TAL EDI	HTV
A:SM 4500 CI- E	MB 460-212714/5		460-212714		03/14/2014 11:12	1	TAL EDI	MCC
A:SM 4500 CI- E	MB 460-212714/23		460-212714		03/14/2014 11:50	1	TAL EDI	MCC
A:SM 4500 CI- E	MB 460-212714/49		460-212714		03/14/2014 12:51	1	TAL EDI	MCC
A:SM 4500 CI- E	MB 460-212714/71		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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 CI- E	LB 460-212230/1-A		460-212714		03/14/2014 11:12	1	TAL EDI	MCC
A:SM 4500 CI- E	LB 460-212230/1-A		460-212714		03/14/2014 11:50	1	TAL EDI	MCC
A:SM 4500 CI- E	LB 460-212230/1-A		460-212714		03/14/2014 12:51	1	TAL EDI	MCC
A:SM 4500 CI- E	LB 460-212232/1-A		460-212714		03/14/2014 12:51	1	TAL EDI	MCC
A:SM 4500 CI- E	LB 460-212232/1-A		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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
P:5030B	LCS 460-212288/4		460-212288		03/13/2014 07:06	1	TAL EDI	CJM
A:8260B	LCS 460-212288/4		460-212288		03/13/2014 07:06	1	TAL EDI	CJM
A:8260B	LCS 460-212436/3		460-212436		03/13/2014 18:28	1	TAL EDI	AAT
A:8260B	LCS 460-212509/3		460-212509		03/13/2014 22:08	50	TAL EDI	KLB
A:8260B	LCS 460-212542/3		460-212542		03/14/2014 05:16	1	TAL EDI	AAT
A:8260B	LCS 460-212620/3		460-212620		03/14/2014 10:30	50	TAL EDI	FAM
P:3541	LCS 460-211817/2-A		460-212014	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	LCS 460-211817/2-A		460-212014	460-211817	03/12/2014 09:06	1	TAL EDI	MMC
P:3541	LCS 460-211814/2-A		460-212016	460-211814	03/11/2014 08:37	1	TAL EDI	HMP
A:8270C	LCS 460-211814/2-A		460-212016	460-211814	03/12/2014 10:47	1	TAL EDI	AAA
P:3541	LCS 460-211814/3-A		460-212016	460-211814	03/11/2014 08:37	1	TAL EDI	HMP
A:8270C	LCS 460-211814/3-A		460-212016	460-211814	03/12/2014 11:13	1	TAL EDI	AAA
P:3541	LCS 460-211817/3-A		460-212014	460-211817	03/11/2014 08:44	1	TAL EDI	HMP
A:8270C	LCS 460-211817/3-A		460-212014	460-211817	03/12/2014 14:00	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: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:3546	LCS 460-211881/2-A		460-211991	460-211881	03/11/2014 12:21	1	TAL EDI	CAM
A:8082	LCS 460-211881/2-A		460-211991	460-211881	03/12/2014 00:14	1	TAL EDI	JHP
P:3546	LCS 460-211882/2-A		460-212066	460-211882	03/11/2014 12:24	1	TAL EDI	CAM
P:3546	LCS 460-211882/2-A		460-212067	460-211882	03/11/2014 12:24	1	TAL EDI	CAM
A:8082	LCS 460-211882/2-A		460-212066	460-211882	03/12/2014 00:22	1	TAL EDI	JHP
A:8082	LCS 460-211882/2-A		460-212067	460-211882	03/12/2014 00:22	1	TAL EDI	JHP
P:3546	LCS 460-212128/2-A		460-212261	460-212128	03/12/2014 11:43	1	TAL EDI	CAM
A:8082	LCS 460-212128/2-A		460-212261	460-212128	03/13/2014 00:33	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 460-211688/2-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
P:3546	LCS 460-211888/2-A		460-212305	460-211888	03/11/2014 13:19	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-211888/2-A		460-212305	460-211888	03/13/2014 07:38	1	TAL EDI	DAN
P:3546	LCS 460-211689/2-A		460-212305	460-211689	03/10/2014 14:53	1	TAL EDI	FHW
A:NJ-OQA-QAM-025	LCS 460-211689/2-A		460-212305	460-211689	03/13/2014 09:55	1	TAL EDI	DAN

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

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 460-212436/4		460-212436		03/13/2014 18:53	1	TAL EDI	AAT
A:8260B	LCSD 460-212542/17		460-212542		03/14/2014 11:16	1	TAL EDI	AAT
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 CI- B	LCSSRM 460-211961/2 ^2		460-211961		03/10/2014 15:00	2	TAL EDI	HTV
A:SM 4500 CI- E	LCSSRM 460-212714/6		460-212714		03/14/2014 11:12	1	TAL EDI	MCC
A:SM 4500 CI- E	LCSSRM 460-212714/24		460-212714		03/14/2014 11:50	1	TAL EDI	MCC
A:SM 4500 CI- E	LCSSRM 460-212714/50		460-212714		03/14/2014 12:51	1	TAL EDI	MCC
A:SM 4500 CI- E	LCSSRM 460-212714/72		460-212714		03/14/2014 13:17	1	TAL EDI	MCC

Quality Control Results

Client: Antea USA, Inc.

Job Number: 460-72180-1

Laboratory Chronicle

Lab ID: MS

Client ID: N/A

Sample Date/Time: 03/05/2014 15:25

Received Date/Time: 03/06/2014 13:22

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-72069-A-8 MS		460-212288		03/13/2014 11:59	5	TAL EDI	CJM
A:8260B	460-72069-A-8 MS		460-212288		03/13/2014 11:59	5	TAL EDI	CJM
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
P:3541	460-71983-A-7-A MS		460-212016	460-211814	03/11/2014 08:37	5	TAL EDI	HMP
A:8270C	460-71983-A-7-A MS		460-212016	460-211814	03/12/2014 14:55	5	TAL EDI	AAA
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
A:SM 4500 CI- B	460-72038-A-1 MS ^10		460-211961		03/10/2014 15:00	10	TAL EDI	HTV

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 03/05/2014 15:25

Received Date/Time: 03/06/2014 13:22

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-72069-A-8 MSD		460-212288		03/13/2014 12:19	5	TAL EDI	CJM
A:8260B	460-72069-A-8 MSD		460-212288		03/13/2014 12:19	5	TAL EDI	CJM
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
P:3541	460-71983-A-7-B MSD		460-212016	460-211814	03/11/2014 08:37	5	TAL EDI	HMP
A:8270C	460-71983-A-7-B MSD		460-212016	460-211814	03/12/2014 15:20	5	TAL EDI	AAA
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
A:SM 4500 CI- B	460-72038-A-1 MSD ^10		460-211961		03/10/2014 15:00	10	TAL EDI	HTV

Lab ID: DU

Client ID: N/A

Sample Date/Time: 03/07/2014 13:10

Received Date/Time: 03/07/2014 14:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-72196-A-13 DU		460-211398		03/08/2014 12:25	1	TAL EDI	CJA

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.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
PMP-28SW-SD	460-72180-1	88	88	88	93
PMP-15SW-VD	460-72180-2	98	96	97	100
PMP-15SW-SI	460-72180-4	93	89	88	96
PMP-15SW-SD	460-72180-5	94	90	91	95
PMP-16SW-SI	460-72180-7	89	89	90	91
PMP-17SW-WT	460-72180-8	89	88	94	82
PMP-17SW-SI	460-72180-9	91	88	90	94
PMP-18SW-VD	460-72180-10	93	93	90	94
PMP-18SW-WT	460-72180-11	87	89	88	89
PMP-18SW-SI	460-72180-12	91	93	93	95
PMP-19SW-VD	460-72180-13	91	90	88	97
PMP-19SW-SI	460-72180-15	93	89	90	95
PMP-26SW-VD	460-72180-16	92	92	91	94
PMP-26SW-WT	460-72180-17	99	96	100	98
PMP-26SW-SI	460-72180-18	88	85	88	94
PMP-27SW-VD	460-72180-19	87	89	90	92
PMP-27SW-SD	460-72180-21	90	92	91	93
PMP-31SW-VS	460-72180-22	90	90	92	94
PMP-32SW-VS	460-72180-23	97	97	98	101
DUP2_030714	460-72180-25	87	85	87	92
DUP3_030714	460-72180-26	94	96	97	99
Trip Blank	460-72180-28	89	85	87	94
PMP-27SW-SI	460-72180-29	98	95	96	101
	MB 460-212436/6	90	89	92	95
	MB 460-212542/6	90	87	88	93
	LCS 460-212436/3	99	91	92	100
	LCS 460-212542/3	94	88	86	96
	LCSD 460-212436/4	91	85	87	94
	LCSD 460-212542/17	87	83	89	91

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
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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-15SW-WT	460-72180-3	78	81	78	80
PMP-16SW-WT	460-72180-6	81	85	81	81
PMP-19SW-WT	460-72180-14	88	90	89	89
PMP-27SW-WT	460-72180-20	105	105	105	105
DUP_030714	460-72180-24	85	87	87	88
	MB 460-212509/6	101	100	101	102
	MB 460-212620/6	109	107	112	111
	LCS 460-212509/3	99	98	98	97
	LCS 460-212620/3	99	97	99	95
	460-72174-A-26-A MS	81	79	82	81
	460-72174-A-26-A MSD	84	83	84	82

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = Bromofluorobenzene

QC LIMITS
70-130
75-135
59-150
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.: 460-72180-1

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_030714	460-72180-27	104	100	98	103
	MB 460-212288/7	103	100	98	98
	LCS 460-212288/4	104	105	105	103
	460-72069-A-8 MS	102	105	104	102
	460-72069-A-8 MSD	93	97	97	93

	<u>QC LIMITS</u>
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 III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A00519.D
 Lab ID: LCS 460-212288/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.6	83	42-150	
Bromomethane	20.0	18.8	94	28-150	
Vinyl chloride	20.0	18.2	91	61-136	
Chloroethane	20.0	18.0	90	49-150	
Methylene Chloride	20.0	19.3	97	77-124	
Acetone	100	73.0	73	40-150	
Carbon disulfide	20.0	18.2	91	51-137	
Trichlorofluoromethane	20.0	20.0	100	43-150	
1,1-Dichloroethene	20.0	20.1	100	62-128	
1,1-Dichloroethane	20.0	20.2	101	74-128	
trans-1,2-Dichloroethene	20.0	20.3	101	73-124	
cis-1,2-Dichloroethene	20.0	19.3	96	78-121	
Chloroform	20.0	19.3	97	81-123	
2-Butanone	100	95.4	95	64-141	
1,2-Dichloroethane	20.0	19.4	97	74-128	
1,1,1-Trichloroethane	20.0	19.8	99	72-126	
Carbon tetrachloride	20.0	20.8	104	63-135	
Benzene	20.0	20.3	102	76-121	
Bromoform	20.0	15.5	77	54-138	
Styrene	20.0	18.5	93	73-124	
Ethylbenzene	20.0	19.5	97	74-120	
Chlorobenzene	20.0	18.9	94	77-120	
Cyclohexane	20.0	22.4	112	35-150	
Isopropylbenzene	20.0	17.0	85	75-125	
2-Hexanone	100	88.6	89	53-138	
MTBE	20.0	18.8	94	73-123	
Freon TF	20.0	23.2	116	42-145	
Methyl acetate	100	97.7	98	43-148	
1,4-Dioxane	400	489	122	43-150	
Trichloroethene	20.0	19.9	99	74-120	
Toluene	20.0	19.7	99	78-120	
trans-1,3-Dichloropropene	20.0	18.8	94	71-121	
4-Methyl-2-pentanone	100	97.6	98	55-141	
cis-1,3-Dichloropropene	20.0	18.5	93	72-122	
1,2-Dichlorobenzene	20.0	19.5	97	76-120	
1,3-Dichlorobenzene	20.0	19.3	96	75-120	
1,4-Dichlorobenzene	20.0	19.5	97	75-120	
1,2,4-Trichlorobenzene	20.0	22.3	111	66-126	
1,2,3-Trichlorobenzene	20.0	26.5	133	68-126	*
1,2-Dichloropropane	20.0	18.5	92	75-122	
Methylcyclohexane	20.0	21.5	108	34-150	
Tetrachloroethene	20.0	21.0	105	67-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A00519.D
 Lab ID: LCS 460-212288/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.0	98	73-122	
1,2-Dibromo-3-Chloropropane	20.0	21.2	106	58-126	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	60-130	
1,1,2-Trichloroethane	20.0	19.2	96	73-120	
Dibromochloromethane	20.0	16.4	82	69-126	
1,2-Dibromoethane	20.0	19.1	95	75-120	
Dichlorodifluoromethane	20.0	17.4	87	14-150	
Bromochloromethane	20.0	18.2	91	73-130	
Bromodichloromethane	20.0	17.2	86	77-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: O84752.D
 Lab ID: LCS 460-212436/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	26.8	134	58-142	
Bromomethane	20.0	27.5	137	59-150	
Vinyl chloride	20.0	23.3	117	65-135	
Chloroethane	20.0	24.9	124	63-150	
Methylene Chloride	20.0	21.5	108	80-126	
Acetone	100	82.5	83	49-150	
Carbon disulfide	20.0	22.4	112	65-141	
Trichlorofluoromethane	20.0	25.3	127	68-145	
1,1-Dichloroethene	20.0	22.1	111	76-127	
1,1-Dichloroethane	20.0	21.3	106	80-130	
trans-1,2-Dichloroethene	20.0	21.0	105	79-129	
cis-1,2-Dichloroethene	20.0	19.6	98	76-124	
Chloroform	20.0	19.9	100	77-122	
2-Butanone	100	92.6	93	58-142	
1,2-Dichloroethane	20.0	18.7	94	76-120	
1,1,1-Trichloroethane	20.0	19.7	98	73-127	
Carbon tetrachloride	20.0	18.7	93	75-125	
Benzene	20.0	18.7	93	80-120	
Bromoform	20.0	16.7	84	68-120	
Styrene	20.0	20.4	102	78-120	
Ethylbenzene	20.0	19.6	98	80-120	
Chlorobenzene	20.0	20.4	102	80-120	
Cyclohexane	20.0	19.3	96	72-137	
Isopropylbenzene	20.0	20.8	104	80-120	
2-Hexanone	100	88.1	88	62-139	
MTBE	20.0	19.4	97	77-128	
Freon TF	20.0	22.3	111	78-136	
Methyl acetate	100	97.3	97	74-138	
1,4-Dioxane	400	485	121	57-146	
Trichloroethene	20.0	19.0	95	75-120	
Toluene	20.0	19.3	96	80-120	
trans-1,3-Dichloropropene	20.0	18.0	90	72-120	
4-Methyl-2-pentanone	100	89.0	89	60-141	
cis-1,3-Dichloropropene	20.0	18.2	91	77-120	
1,2-Dichlorobenzene	20.0	20.2	101	77-120	
1,3-Dichlorobenzene	20.0	20.0	100	78-120	
1,4-Dichlorobenzene	20.0	20.1	101	77-120	
1,2,4-Trichlorobenzene	20.0	21.5	108	68-120	
1,2,3-Trichlorobenzene	20.0	20.9	104	70-120	
1,2-Dichloropropane	20.0	18.6	93	74-127	
Methylcyclohexane	20.0	19.9	100	74-126	
Tetrachloroethene	20.0	19.6	98	76-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: O84752.D
 Lab ID: LCS 460-212436/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.3	98	78-120	
1,2-Dibromo-3-Chloropropane	20.0	16.3	81	64-129	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	74-124	
1,1,2-Trichloroethane	20.0	17.7	88	80-120	
Dibromochloromethane	20.0	17.4	87	76-120	
1,2-Dibromoethane	20.0	18.3	92	79-120	
Dichlorodifluoromethane	20.0	24.9	125	52-138	
Bromochloromethane	20.0	21.0	105	72-122	
Bromodichloromethane	20.0	18.8	94	77-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: O84775.D
 Lab ID: LCS 460-212542/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	26.7	133	58-142	
Bromomethane	20.0	26.2	131	59-150	
Vinyl chloride	20.0	23.5	118	65-135	
Chloroethane	20.0	24.5	122	63-150	
Methylene Chloride	20.0	21.9	109	80-126	
Acetone	100	95.7	96	49-150	
Carbon disulfide	20.0	22.4	112	65-141	
Trichlorofluoromethane	20.0	25.8	129	68-145	
1,1-Dichloroethene	20.0	21.8	109	76-127	
1,1-Dichloroethane	20.0	21.6	108	80-130	
trans-1,2-Dichloroethene	20.0	20.7	103	79-129	
cis-1,2-Dichloroethene	20.0	18.9	95	76-124	
Chloroform	20.0	19.6	98	77-122	
2-Butanone	100	91.9	92	58-142	
1,2-Dichloroethane	20.0	18.4	92	76-120	
1,1,1-Trichloroethane	20.0	19.7	98	73-127	
Carbon tetrachloride	20.0	18.5	93	75-125	
Benzene	20.0	18.0	90	80-120	
Bromoform	20.0	16.6	83	68-120	
Styrene	20.0	20.0	100	78-120	
Ethylbenzene	20.0	19.1	95	80-120	
Chlorobenzene	20.0	19.8	99	80-120	
Cyclohexane	20.0	18.8	94	72-137	
Isopropylbenzene	20.0	20.3	102	80-120	
2-Hexanone	100	86.7	87	62-139	
MTBE	20.0	18.4	92	77-128	
Freon TF	20.0	22.5	113	78-136	
Methyl acetate	100	93.2	93	74-138	
1,4-Dioxane	400	457	114	57-146	
Trichloroethene	20.0	17.8	89	75-120	
Toluene	20.0	18.6	93	80-120	
trans-1,3-Dichloropropene	20.0	17.2	86	72-120	
4-Methyl-2-pentanone	100	79.6	80	60-141	
cis-1,3-Dichloropropene	20.0	17.2	86	77-120	
1,2-Dichlorobenzene	20.0	19.5	97	77-120	
1,3-Dichlorobenzene	20.0	19.2	96	78-120	
1,4-Dichlorobenzene	20.0	19.2	96	77-120	
1,2,4-Trichlorobenzene	20.0	20.7	104	68-120	
1,2,3-Trichlorobenzene	20.0	20.2	101	70-120	
1,2-Dichloropropane	20.0	18.3	92	74-127	
Methylcyclohexane	20.0	18.7	94	74-126	
Tetrachloroethene	20.0	19.1	95	76-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: O84775.D
 Lab ID: LCS 460-212542/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	38.0	95	78-120	
1,2-Dibromo-3-Chloropropane	20.0	15.3	77	64-129	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	74-124	
1,1,2-Trichloroethane	20.0	16.6	83	80-120	
Dibromochloromethane	20.0	16.0	80	76-120	
1,2-Dibromoethane	20.0	17.2	86	79-120	
Dichlorodifluoromethane	20.0	24.8	124	52-138	
Bromochloromethane	20.0	21.2	106	72-122	
Bromodichloromethane	20.0	18.2	91	77-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: J09994.D
 Lab ID: LCS 460-212620/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	971	97	52-144	
Bromomethane	1000	947	95	58-154	
Vinyl chloride	1000	949	95	55-154	
Chloroethane	1000	1180	118	66-144	
Methylene Chloride	1000	1010	101	78-118	
Acetone	5000	6030	121	48-177	
Carbon disulfide	1000	871	87	70-120	
Trichlorofluoromethane	1000	872	87	60-148	
1,1-Dichloroethene	1000	848	85	68-138	
1,1-Dichloroethane	1000	988	99	79-119	
trans-1,2-Dichloroethene	1000	919	92	73-119	
cis-1,2-Dichloroethene	1000	1000	100	78-118	
Chloroform	1000	1020	102	81-122	
2-Butanone	5000	6200	124	70-139	
1,2-Dichloroethane	1000	1060	106	81-121	
1,1,1-Trichloroethane	1000	865	86	78-118	
Carbon tetrachloride	1000	655	65	64-130	
Benzene	1000	1000	100	71-118	
Bromoform	1000	879	88	76-133	
Styrene	1000	984	98	73-126	
Ethylbenzene	1000	900	90	78-124	
Chlorobenzene	1000	979	98	69-124	
Cyclohexane	1000	628	63	69-128	*
Isopropylbenzene	1000	886	89	80-143	
2-Hexanone	5000	6590	132	62-123	*
MTBE	1000	1060	106	65-143	
Freon TF	1000	662	66	50-128	
Methyl acetate	5000	5800	116	72-165	
1,4-Dioxane	20000	25400	127	54-147	
Trichloroethene	1000	944	94	82-122	
Toluene	1000	963	96	79-136	
trans-1,3-Dichloropropene	1000	1000	100	73-118	
4-Methyl-2-pentanone	5000	5660	113	69-124	
cis-1,3-Dichloropropene	1000	1030	103	75-120	
1,2-Dichlorobenzene	1000	1020	102	83-123	
1,3-Dichlorobenzene	1000	998	100	83-123	
1,4-Dichlorobenzene	1000	994	99	84-124	
1,2,4-Trichlorobenzene	1000	986	99	62-144	
1,2,3-Trichlorobenzene	1000	1000	100	36-207	
1,2-Dichloropropane	1000	1000	100	78-118	
Methylcyclohexane	1000	589	59	80-134	*
Tetrachloroethene	1000	907	91	78-136	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: J09994.D
 Lab ID: LCS 460-212620/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1890	94	78-126	
1,2-Dibromo-3-Chloropropane	1000	916	92	62-127	
1,1,2,2-Tetrachloroethane	1000	1170	117	86-145	
1,1,2-Trichloroethane	1000	1100	110	77-120	
Dibromochloromethane	1000	930	93	78-118	
1,2-Dibromoethane	1000	1050	105	76-120	
Dichlorodifluoromethane	1000	937	94	41-149	
Bromochloromethane	1000	1040	104	81-121	
Bromodichloromethane	1000	1020	102	78-118	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: O84753.D
 Lab ID: LCS D 460-212436/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS D CONCENTRATION (ug/Kg)	LCS D % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	24.0	120	11	30	58-142	
Bromomethane	20.0	23.6	118	15	30	59-150	
Vinyl chloride	20.0	20.3	102	14	30	65-135	
Chloroethane	20.0	22.2	111	11	30	63-150	
Methylene Chloride	20.0	19.8	99	8	30	80-126	
Acetone	100	79.1	79	4	30	49-150	
Carbon disulfide	20.0	20.6	103	8	30	65-141	
Trichlorofluoromethane	20.0	22.3	112	12	30	68-145	
1,1-Dichloroethene	20.0	20.1	101	9	30	76-127	
1,1-Dichloroethane	20.0	19.7	98	8	30	80-130	
trans-1,2-Dichloroethene	20.0	19.3	96	8	30	79-129	
cis-1,2-Dichloroethene	20.0	18.1	90	8	30	76-124	
Chloroform	20.0	18.2	91	9	30	77-122	
2-Butanone	100	93.5	94	1	30	58-142	
1,2-Dichloroethane	20.0	17.8	89	5	30	76-120	
1,1,1-Trichloroethane	20.0	18.5	93	6	30	73-127	
Carbon tetrachloride	20.0	17.5	87	7	30	75-125	
Benzene	20.0	17.4	87	7	30	80-120	
Bromoform	20.0	15.9	80	5	30	68-120	
Styrene	20.0	19.0	95	7	30	78-120	
Ethylbenzene	20.0	18.7	93	5	30	80-120	
Chlorobenzene	20.0	18.9	95	8	30	80-120	
Cyclohexane	20.0	17.9	89	7	30	72-137	
Isopropylbenzene	20.0	19.2	96	8	30	80-120	
2-Hexanone	100	81.6	82	8	30	62-139	
MTBE	20.0	18.3	91	6	30	77-128	
Freon TF	20.0	20.2	101	10	30	78-136	
Methyl acetate	100	93.1	93	4	30	74-138	
1,4-Dioxane	400	397	99	20	30	57-146	
Trichloroethene	20.0	17.8	89	7	30	75-120	
Toluene	20.0	17.9	89	7	30	80-120	
trans-1,3-Dichloropropene	20.0	17.0	85	6	30	72-120	
4-Methyl-2-pentanone	100	82.9	83	7	30	60-141	
cis-1,3-Dichloropropene	20.0	17.2	86	6	30	77-120	
1,2-Dichlorobenzene	20.0	18.8	94	7	30	77-120	
1,3-Dichlorobenzene	20.0	18.7	93	7	30	78-120	
1,4-Dichlorobenzene	20.0	18.8	94	7	30	77-120	
1,2,4-Trichlorobenzene	20.0	19.9	100	8	30	68-120	
1,2,3-Trichlorobenzene	20.0	19.1	96	9	30	70-120	
1,2-Dichloropropane	20.0	17.7	88	5	30	74-127	
Methylcyclohexane	20.0	18.6	93	7	30	74-126	
Tetrachloroethene	20.0	18.4	92	6	30	76-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: O84753.D

Lab ID: LCSD 460-212436/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Xylenes, Total	40.0	36.9	92	6	30	78-120	
1,2-Dibromo-3-Chloropropane	20.0	14.9	74	9	30	64-129	
1,1,2,2-Tetrachloroethane	20.0	16.8	84	8	30	74-124	
1,1,2-Trichloroethane	20.0	17.0	85	4	30	80-120	
Dibromochloromethane	20.0	16.0	80	9	30	76-120	
1,2-Dibromoethane	20.0	17.1	86	7	30	79-120	
Dichlorodifluoromethane	20.0	21.8	109	13	30	52-138	
Bromochloromethane	20.0	18.9	94	11	30	72-122	
Bromodichloromethane	20.0	17.5	87	7	30	77-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: O84789.D
 Lab ID: LCSD 460-212542/17 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	20.0	21.5	108	21	30	58-142	
Bromomethane	20.0	22.1	110	17	30	59-150	
Vinyl chloride	20.0	19.7	98	18	30	65-135	
Chloroethane	20.0	20.5	103	18	30	63-150	
Methylene Chloride	20.0	19.0	95	14	30	80-126	
Acetone	100	82.7	83	15	30	49-150	
Carbon disulfide	20.0	18.9	95	17	30	65-141	
Trichlorofluoromethane	20.0	21.3	106	19	30	68-145	
1,1-Dichloroethene	20.0	19.2	96	13	30	76-127	
1,1-Dichloroethane	20.0	18.6	93	15	30	80-130	
trans-1,2-Dichloroethene	20.0	19.0	95	8	30	79-129	
cis-1,2-Dichloroethene	20.0	17.7	88	7	30	76-124	
Chloroform	20.0	18.0	90	8	30	77-122	
2-Butanone	100	84.6	85	8	30	58-142	
1,2-Dichloroethane	20.0	17.6	88	5	30	76-120	
1,1,1-Trichloroethane	20.0	18.1	91	8	30	73-127	
Carbon tetrachloride	20.0	17.0	85	9	30	75-125	
Benzene	20.0	18.4	92	3	30	80-120	
Bromoform	20.0	15.1	75	10	30	68-120	
Styrene	20.0	18.6	93	7	30	78-120	
Ethylbenzene	20.0	18.1	90	5	30	80-120	
Chlorobenzene	20.0	19.0	95	4	30	80-120	
Cyclohexane	20.0	17.7	89	6	30	72-137	
Isopropylbenzene	20.0	19.2	96	6	30	80-120	
2-Hexanone	100	83.6	84	4	30	62-139	
MTBE	20.0	19.4	97	5	30	77-128	
Freon TF	20.0	20.5	103	9	30	78-136	
Methyl acetate	100	91.0	91	2	30	74-138	
1,4-Dioxane	400	442	110	3	30	57-146	
Trichloroethene	20.0	17.6	88	1	30	75-120	
Toluene	20.0	18.6	93	0	30	80-120	
trans-1,3-Dichloropropene	20.0	17.3	87	1	30	72-120	
4-Methyl-2-pentanone	100	88.1	88	10	30	60-141	
cis-1,3-Dichloropropene	20.0	17.8	89	4	30	77-120	
1,2-Dichlorobenzene	20.0	18.7	94	4	30	77-120	
1,3-Dichlorobenzene	20.0	18.5	92	4	30	78-120	
1,4-Dichlorobenzene	20.0	18.8	94	2	30	77-120	
1,2,4-Trichlorobenzene	20.0	19.8	99	5	30	68-120	
1,2,3-Trichlorobenzene	20.0	19.3	97	4	30	70-120	
1,2-Dichloropropane	20.0	17.9	89	2	30	74-127	
Methylcyclohexane	20.0	18.4	92	2	30	74-126	
Tetrachloroethene	20.0	18.8	94	2	30	76-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: O84789.D

Lab ID: LCSD 460-212542/17 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Xylenes, Total	40.0	36.0	90	5	30	78-120	
1,2-Dibromo-3-Chloropropane	20.0	14.7	74	4	30	64-129	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	1	30	74-124	
1,1,2-Trichloroethane	20.0	17.8	89	7	30	80-120	
Dibromochloromethane	20.0	15.9	80	0	30	76-120	
1,2-Dibromoethane	20.0	17.4	87	1	30	79-120	
Dichlorodifluoromethane	20.0	20.1	100	21	30	52-138	
Bromochloromethane	20.0	18.6	93	13	30	72-122	
Bromodichloromethane	20.0	16.9	85	7	30	77-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: J09976.D
 Lab ID: 460-72174-A-26-A MS Client ID: _____

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
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: J09976.D
 Lab ID: 460-72174-A-26-A MS Client ID: _____

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
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A00530.D
 Lab ID: 460-72069-A-8 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	100	8.6	81.4	73	42-150	
Bromomethane	100	0.90 U	89.1	89	28-150	
Vinyl chloride	100	0.70 U	86.3	86	61-136	
Chloroethane	100	0.85 U	86.2	86	49-150	
Methylene Chloride	100	0.90 U	115	115	77-124	
Acetone	500	320	575	50	40-150	
Carbon disulfide	100	0.65 U	82.6	83	51-137	
Trichlorofluoromethane	100	0.75 U	97.0	97	43-150	
1,1-Dichloroethene	100	0.45 U	96.1	96	62-128	
1,1-Dichloroethane	100	0.65 U	97.7	98	74-128	
trans-1,2-Dichloroethene	100	0.65 U	96.9	97	73-124	
cis-1,2-Dichloroethene	100	0.90 U	93.5	93	78-121	
Chloroform	100	0.40 U	95.8	96	81-123	
2-Butanone	500	220	572	71	64-141	
1,2-Dichloroethane	100	0.95 U	96.2	96	74-128	
1,1,1-Trichloroethane	100	0.30 U	95.5	95	72-126	
Carbon tetrachloride	100	0.30 U	98.0	98	63-135	
Benzene	100	620	625	3	76-121	4
Bromoform	100	0.95 U	67.6	68	54-138	
Styrene	100	0.60 U	92.4	92	73-124	
Ethylbenzene	100	1200	1070	-101	74-120	4
Chlorobenzene	100	0.55 U	91.2	91	77-120	
Cyclohexane	100	270	287	21	35-150	F1
Isopropylbenzene	100	84	155	71	75-125	F1
2-Hexanone	500	21 J	495	95	53-138	
MTBE	100	13	103	90	73-123	
Freon TF	100	0.40 U	114	114	42-145	
Methyl acetate	500	1.7 U	1410	281	43-148	F1
1,4-Dioxane	2000	180 U	1860	93	43-150	
Trichloroethene	100	0.45 U	96.8	97	74-120	
Toluene	100	540	554	18	78-120	4
trans-1,3-Dichloropropene	100	1.2 U	91.7	92	71-121	
4-Methyl-2-pentanone	500	11 J	533	104	55-141	
cis-1,3-Dichloropropene	100	0.90 U	90.1	90	72-122	
1,2-Dichlorobenzene	100	1.1 U	96.3	96	76-120	
1,3-Dichlorobenzene	100	0.70 U	94.8	95	75-120	
1,4-Dichlorobenzene	100	1.2 U	95.3	95	75-120	
1,2,4-Trichlorobenzene	100	1.7 U	101	101	66-126	
1,2,3-Trichlorobenzene	100	2.6 U	111	111	68-126	
1,2-Dichloropropane	100	0.45 U	89.1	89	75-122	
Methylcyclohexane	100	87	164	78	34-150	
Tetrachloroethene	100	0.50 U	103	103	67-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A00530.D
 Lab ID: 460-72069-A-8 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Xylenes, Total	200	1100	1100	8	73-122	4
1,2-Dibromo-3-Chloropropane	100	2.0 U	101	101	58-126	
1,1,2,2-Tetrachloroethane	100	0.80 U	97.1	97	60-130	
1,1,2-Trichloroethane	100	0.95 U	93.2	93	73-120	
Dibromochloromethane	100	1.0 U	75.5	76	69-126	
1,2-Dibromoethane	100	1.4 U	91.8	92	75-120	
Dichlorodifluoromethane	100	1.1 U	70.7	71	14-150	
Bromochloromethane	100	1.4 U	92.8	93	73-130	
Bromodichloromethane	100	0.60 U	80.2	80	77-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Medium

Lab File ID: J09977.D

Lab ID: 460-72174-A-26-A MSD

Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	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
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: J09977.D
 Lab ID: 460-72174-A-26-A MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	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
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: A00531.D

Lab ID: 460-72069-A-8 MSD

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chloromethane	100	90.6	82	11	30	42-150	
Bromomethane	100	97.0	97	8	30	28-150	
Vinyl chloride	100	94.7	95	9	30	61-136	
Chloroethane	100	94.9	95	10	30	49-150	
Methylene Chloride	100	119	119	4	30	77-124	
Acetone	500	626	61	9	30	40-150	
Carbon disulfide	100	93.0	93	12	30	51-137	
Trichlorofluoromethane	100	105	105	8	30	43-150	
1,1-Dichloroethene	100	107	107	10	30	62-128	
1,1-Dichloroethane	100	104	104	6	30	74-128	
trans-1,2-Dichloroethene	100	102	102	5	30	73-124	
cis-1,2-Dichloroethene	100	102	102	8	30	78-121	
Chloroform	100	101	101	5	30	81-123	
2-Butanone	500	647	86	12	30	64-141	
1,2-Dichloroethane	100	102	102	6	30	74-128	
1,1,1-Trichloroethane	100	101	101	5	30	72-126	
Carbon tetrachloride	100	107	107	8	30	63-135	
Benzene	100	681	59	9	30	76-121	4
Bromoform	100	73.8	74	9	30	54-138	
Styrene	100	102	102	10	30	73-124	
Ethylbenzene	100	1160	-13	8	30	74-120	4
Chlorobenzene	100	101	101	10	30	77-120	
Cyclohexane	100	314	49	9	30	35-150	
Isopropylbenzene	100	171	87	10	30	75-125	
2-Hexanone	500	546	105	10	30	53-138	
MTBE	100	111	98	7	30	73-123	
Freon TF	100	121	121	6	30	42-145	
Methyl acetate	500	1530	306	9	30	43-148	F1
1,4-Dioxane	2000	3590	179	63	30	43-150	F1 F2
Trichloroethene	100	106	106	9	30	74-120	
Toluene	100	603	67	9	30	78-120	4
trans-1,3-Dichloropropene	100	97.1	97	6	30	71-121	
4-Methyl-2-pentanone	500	572	112	7	30	55-141	
cis-1,3-Dichloropropene	100	96.2	96	7	30	72-122	
1,2-Dichlorobenzene	100	108	108	11	30	76-120	
1,3-Dichlorobenzene	100	105	105	10	30	75-120	
1,4-Dichlorobenzene	100	103	103	8	30	75-120	
1,2,4-Trichlorobenzene	100	130	130	25	30	66-126	F1
1,2,3-Trichlorobenzene	100	159	159	36	30	68-126	F1 F2
1,2-Dichloropropane	100	93.6	94	5	30	75-122	
Methylcyclohexane	100	177	90	7	30	34-150	
Tetrachloroethene	100	112	112	8	30	67-129	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A00531.D
 Lab ID: 460-72069-A-8 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Xylenes, Total	200	1210	58	9	30	73-122	4
1,2-Dibromo-3-Chloropropane	100	131	131	27	30	58-126	F1
1,1,2,2-Tetrachloroethane	100	108	108	11	30	60-130	
1,1,2-Trichloroethane	100	96.2	96	3	30	73-120	
Dibromochloromethane	100	81.4	81	7	30	69-126	
1,2-Dibromoethane	100	98.3	98	7	30	75-120	
Dichlorodifluoromethane	100	77.0	77	9	30	14-150	
Bromochloromethane	100	96.9	97	4	30	73-130	
Bromodichloromethane	100	87.5	88	9	30	77-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: O84755.D Lab Sample ID: MB 460-212436/6
 Matrix: Solid Heated Purge: (Y/N) Y
 Instrument ID: CVOAMS12 Date Analyzed: 03/13/2014 19:54
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212436/3	O84752.D	03/13/2014 18:28
	LCSD 460-212436/4	O84753.D	03/13/2014 18:53
Trip Blank	460-72180-28	O84756.D	03/13/2014 20:19
PMP-28SW-SD	460-72180-1	O84757.D	03/13/2014 20:43
PMP-15SW-VD	460-72180-2	O84758.D	03/13/2014 22:11
PMP-15SW-SI	460-72180-4	O84759.D	03/13/2014 22:36
PMP-15SW-SD	460-72180-5	O84760.D	03/13/2014 23:01
PMP-16SW-SI	460-72180-7	O84761.D	03/13/2014 23:26
PMP-17SW-WT	460-72180-8	O84762.D	03/13/2014 23:51
PMP-18SW-WT	460-72180-11	O84764.D	03/14/2014 00:40
PMP-18SW-SI	460-72180-12	O84765.D	03/14/2014 01:05
PMP-26SW-VD	460-72180-16	O84766.D	03/14/2014 01:30
PMP-26SW-WT	460-72180-17	O84767.D	03/14/2014 01:54
PMP-27SW-VD	460-72180-19	O84769.D	03/14/2014 02:44
PMP-27SW-SD	460-72180-21	O84770.D	03/14/2014 03:09
PMP-31SW-VS	460-72180-22	O84771.D	03/14/2014 03:33
PMP-32SW-VS	460-72180-23	O84772.D	03/14/2014 03:58

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: O84778.D Lab Sample ID: MB 460-212542/6
 Matrix: Solid Heated Purge: (Y/N) Y
 Instrument ID: CVOAMS12 Date Analyzed: 03/14/2014 06:44
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-212542/3	O84775.D	03/14/2014 05:16
PMP-26SW-SI	460-72180-18	O84779.D	03/14/2014 07:08
PMP-17SW-SI	460-72180-9	O84781.D	03/14/2014 07:58
DUP2_030714	460-72180-25	O84783.D	03/14/2014 08:47
PMP-27SW-SI	460-72180-29	O84784.D	03/14/2014 09:12
PMP-19SW-SI	460-72180-15	O84786.D	03/14/2014 10:01
PMP-18SW-VD	460-72180-10	O84787.D	03/14/2014 10:26
DUP3_030714	460-72180-26	O84788.D	03/14/2014 10:51
	LCSD 460-212542/17	O84789.D	03/14/2014 11:16
PMP-19SW-VD	460-72180-13	O84801.D	03/14/2014 16:24

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
	460-72174-A-26-A MS	J09976.D	03/14/2014 03:04
	460-72174-A-26-A MSD	J09977.D	03/14/2014 03:29
PMP-19SW-WT	460-72180-14	J09982.D	03/14/2014 05:33
PMP-27SW-WT	460-72180-20	J09984.D	03/14/2014 06:22
DUP_030714	460-72180-24	J09985.D	03/14/2014 06:47

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
SDG No.: _____
Lab File ID: J09997.D Lab Sample ID: MB 460-212620/6
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: CVOAMS8 Date Analyzed: 03/14/2014 12:05
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 460-212620/3	J09994.D	03/14/2014 10:30
PMP-15SW-WT	460-72180-3	J10002.D	03/14/2014 14:09
PMP-16SW-WT	460-72180-6	J10003.D	03/14/2014 14:33

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: A00522.D Lab Sample ID: MB 460-212288/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS1 Date Analyzed: 03/13/2014 08:19
 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 460-212288/4	A00519.D	03/13/2014 07:06
	460-72069-A-8 MS	A00530.D	03/13/2014 11:59
	460-72069-A-8 MSD	A00531.D	03/13/2014 12:19
FB_030714	460-72180-27	A00534.D	03/13/2014 13:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Lab File ID: A00516.D BFB Injection Date: 03/13/2014
 Instrument ID: CVOAMS1 BFB Injection Time: 06:01
 Analysis Batch No.: 212288

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.7
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	6.0
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	80.7
175	5.0 - 9.0 % of mass 174	6.0 (7.4)1
176	95.0 - 101.0 % of mass 174	78.1 (96.8)1
177	5.0 - 9.0 % of mass 176	4.1 (5.3)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 460-212288/3	A00518.D	03/13/2014	06:43
	LCS 460-212288/4	A00519.D	03/13/2014	07:06
	MB 460-212288/7	A00522.D	03/13/2014	08:19
	460-72069-A-8 MS	A00530.D	03/13/2014	11:59
	460-72069-A-8 MSD	A00531.D	03/13/2014	12:19
FB_030714	460-72180-27	A00534.D	03/13/2014	13:18

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: O84659.D BFB Injection Date: 03/12/2014
 Instrument ID: CVOAMS12 BFB Injection Time: 01:50
 Analysis Batch No.: 212001

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.9
75	30.0 - 60.0 % of mass 95	43.7
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	59.7
175	5.0 - 9.0 % of mass 174	4.6 (7.6)1
176	95.0 - 101.0 % of mass 174	58.4 (97.8)1
177	5.0 - 9.0 % of mass 176	4.0 (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
	STD1 460-212001/3	O84661.D	03/12/2014	02:41
	STD5 460-212001/4	O84662.D	03/12/2014	03:06
	STD20 460-212001/5	O84663.D	03/12/2014	03:31
	STD50 460-212001/6	O84664.D	03/12/2014	03:56
	STD200 460-212001/7	O84665.D	03/12/2014	04:20
	STD500 460-212001/10	O84668.D	03/12/2014	05:56

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: O84750.D BFB Injection Date: 03/13/2014
 Instrument ID: CVOAMS12 BFB Injection Time: 16:19
 Analysis Batch No.: 212436

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.7
75	30.0 - 60.0 % of mass 95	43.0
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	0.9 (1.2)1
174	50.0 - 120.00 % of mass 95	78.5
175	5.0 - 9.0 % of mass 174	6.5 (8.3)1
176	95.0 - 101.0 % of mass 174	75.4 (95.9)1
177	5.0 - 9.0 % of mass 176	4.8 (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 460-212436/2	O84751.D	03/13/2014	18:03
	LCS 460-212436/3	O84752.D	03/13/2014	18:28
	LCSD 460-212436/4	O84753.D	03/13/2014	18:53
	MB 460-212436/6	O84755.D	03/13/2014	19:54
Trip Blank	460-72180-28	O84756.D	03/13/2014	20:19
PMP-28SW-SD	460-72180-1	O84757.D	03/13/2014	20:43
PMP-15SW-VD	460-72180-2	O84758.D	03/13/2014	22:11
PMP-15SW-SI	460-72180-4	O84759.D	03/13/2014	22:36
PMP-15SW-SD	460-72180-5	O84760.D	03/13/2014	23:01
PMP-16SW-SI	460-72180-7	O84761.D	03/13/2014	23:26
PMP-17SW-WT	460-72180-8	O84762.D	03/13/2014	23:51
PMP-18SW-WT	460-72180-11	O84764.D	03/14/2014	00:40
PMP-18SW-SI	460-72180-12	O84765.D	03/14/2014	01:05
PMP-26SW-VD	460-72180-16	O84766.D	03/14/2014	01:30
PMP-26SW-WT	460-72180-17	O84767.D	03/14/2014	01:54
PMP-27SW-VD	460-72180-19	O84769.D	03/14/2014	02:44
PMP-27SW-SD	460-72180-21	O84770.D	03/14/2014	03:09
PMP-31SW-VS	460-72180-22	O84771.D	03/14/2014	03:33
PMP-32SW-VS	460-72180-23	O84772.D	03/14/2014	03:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: O84773.D BFB Injection Date: 03/14/2014
 Instrument ID: CVOAMS12 BFB Injection Time: 04:21
 Analysis Batch No.: 212542

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.4
75	30.0 - 60.0 % of mass 95	44.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	65.6
175	5.0 - 9.0 % of mass 174	5.1 (7.8)1
176	95.0 - 101.0 % of mass 174	64.1 (97.7)1
177	5.0 - 9.0 % of mass 176	4.3 (6.7)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 460-212542/2	O84774.D	03/14/2014	04:52
	LCS 460-212542/3	O84775.D	03/14/2014	05:16
	MB 460-212542/6	O84778.D	03/14/2014	06:44
PMP-26SW-SI	460-72180-18	O84779.D	03/14/2014	07:08
PMP-17SW-SI	460-72180-9	O84781.D	03/14/2014	07:58
DUP2_030714	460-72180-25	O84783.D	03/14/2014	08:47
PMP-27SW-SI	460-72180-29	O84784.D	03/14/2014	09:12
PMP-19SW-SI	460-72180-15	O84786.D	03/14/2014	10:01
PMP-18SW-VD	460-72180-10	O84787.D	03/14/2014	10:26
DUP3_030714	460-72180-26	O84788.D	03/14/2014	10:51
	LCSD 460-212542/17	O84789.D	03/14/2014	11:16
PMP-19SW-VD	460-72180-13	O84801.D	03/14/2014	16:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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
	460-72174-A-26-A MS	J09976.D	03/14/2014	03:04
	460-72174-A-26-A MSD	J09977.D	03/14/2014	03:29
PMP-19SW-WT	460-72180-14	J09982.D	03/14/2014	05:33
PMP-27SW-WT	460-72180-20	J09984.D	03/14/2014	06:22
DUP_030714	460-72180-24	J09985.D	03/14/2014	06:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: J09992.D BFB Injection Date: 03/14/2014
 Instrument ID: CVOAMS8 BFB Injection Time: 09:40
 Analysis Batch No.: 212620

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.9
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	6.8
173	Less than 2.0 % of mass 174	0.0 (0.0)1
174	50.0 - 120.00 % of mass 95	89.5
175	5.0 - 9.0 % of mass 174	7.3 (8.2)1
176	95.0 - 101.0 % of mass 174	87.2 (97.4)1
177	5.0 - 9.0 % of mass 176	5.9 (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 460-212620/2	J09993.D	03/14/2014	10:05
	LCS 460-212620/3	J09994.D	03/14/2014	10:30
	MB 460-212620/6	J09997.D	03/14/2014	12:05
PMP-15SW-WT	460-72180-3	J10002.D	03/14/2014	14:09
PMP-16SW-WT	460-72180-6	J10003.D	03/14/2014	14:33

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212288/3 Date Analyzed: 03/13/2014 06:43
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A00518.D Heated Purge: (Y/N) N
 Calibration ID: 36174

	TBA		FB		DXE		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	299363	3.59	671524	5.44	28281	6.02	
UPPER LIMIT	598726	4.09	1343048	5.94	56562	6.52	
LOWER LIMIT	149682	3.09	335762	4.94	14141	5.52	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212288/4	287118	3.59	705132	5.45	26596	6.03	
MB 460-212288/7	301603	3.59	608688	5.44	25876	6.00	
460-72069-A-8 MS	381012	3.58	746865	5.45	24797	6.01	
460-72069-A-8 MSD	359675	3.58	696913	5.44	22761	6.00	
460-72180-27	FB_030714	325137	3.60	649663	5.45	26263	6.00

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212288/3 Date Analyzed: 03/13/2014 06:43
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A00518.D Heated Purge: (Y/N) N
 Calibration ID: 36174

	CBZ		DCB		AREA #	RT #
	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	429944	7.91	258770	9.31		
UPPER LIMIT	859888	8.41	517540	9.81		
LOWER LIMIT	214972	7.41	129385	8.81		
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-212288/4		444855	7.91	268076	9.31	
MB 460-212288/7		394309	7.91	240815	9.31	
460-72069-A-8 MS		462110	7.91	273979	9.31	
460-72069-A-8 MSD		426782	7.91	252359	9.31	
460-72180-27	FB_030714	420302	7.91	252829	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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212436/2 Date Analyzed: 03/13/2014 18:03
 Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): O84751.D Heated Purge: (Y/N) Y
 Calibration ID: 36232

	TBA		FB		DXE		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	613911	1.86	1063433	3.59	62562	4.28	
UPPER LIMIT	1227822	2.36	2126866	4.09	125124	4.78	
LOWER LIMIT	306956	1.36	531717	3.09	31281	3.78	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212436/3	519461	1.86	973486	3.59	51789	4.28	
LCSD 460-212436/4	557562	1.86	1064111	3.59	58105	4.28	
MB 460-212436/6	561652	1.86	1068646	3.59	55753	4.30	
460-72180-28	Trip Blank	575512	1.86	1019048	3.59	54786	4.28
460-72180-1	PMP-28SW-SD	542144	1.86	1045667	3.59	43388	4.28
460-72180-2	PMP-15SW-VD	576540	1.86	977652	3.60	48159	4.30
460-72180-4	PMP-15SW-SI	500513	1.85	929288	3.59	36690	4.28
460-72180-5	PMP-15SW-SD	522968	1.86	966495	3.59	46327	4.28
460-72180-7	PMP-16SW-SI	654795	1.86	1055219	3.59	53890	4.29
460-72180-8	PMP-17SW-WT	512170	1.86	1059815	3.60	39241	4.29
460-72180-11	PMP-18SW-WT	547038	1.86	1006671	3.59	45408	4.29
460-72180-12	PMP-18SW-SI	544164	1.86	972838	3.59	49973	4.29
460-72180-16	PMP-26SW-VD	513752	1.86	947796	3.59	38356	4.29
460-72180-17	PMP-26SW-WT	492530	1.86	902415	3.60	38789	4.29
460-72180-19	PMP-27SW-VD	570298	1.86	962193	3.59	50955	4.28
460-72180-21	PMP-27SW-SD	534367	1.86	915906	3.59	44482	4.29
460-72180-22	PMP-31SW-VS	528183	1.86	886942	3.59	43483	4.28
460-72180-23	PMP-32SW-VS	486833	1.86	845901	3.59	41446	4.29

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212436/2 Date Analyzed: 03/13/2014 18:03
 Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): O84751.D Heated Purge: (Y/N) Y
 Calibration ID: 36232

	CBZ		DCB		AREA #	RT #
	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	776906	7.12	391116	10.78		
UPPER LIMIT	1553812	7.62	782232	11.28		
LOWER LIMIT	388453	6.62	195558	10.28		
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-212436/3			716956	7.12	360152	10.78
LCSD 460-212436/4			780642	7.12	388626	10.78
MB 460-212436/6			751363	7.12	355243	10.78
460-72180-28	Trip Blank		744494	7.12	357611	10.78
460-72180-1	PMP-28SW-SD		751154	7.12	354509	10.78
460-72180-2	PMP-15SW-VD		692492	7.12	331340	10.78
460-72180-4	PMP-15SW-SI		701915	7.12	348553	10.78
460-72180-5	PMP-15SW-SD		707910	7.12	349310	10.78
460-72180-7	PMP-16SW-SI		749632	7.12	353942	10.78
460-72180-8	PMP-17SW-WT		705018	7.13	467271	10.80
460-72180-11	PMP-18SW-WT		695826	7.12	329160	10.78
460-72180-12	PMP-18SW-SI		676841	7.12	320077	10.78
460-72180-16	PMP-26SW-VD		676238	7.12	319442	10.78
460-72180-17	PMP-26SW-WT		622317	7.13	347509	10.80
460-72180-19	PMP-27SW-VD		666702	7.12	315754	10.78
460-72180-21	PMP-27SW-SD		643921	7.12	307580	10.78
460-72180-22	PMP-31SW-VS		621429	7.12	288818	10.78
460-72180-23	PMP-32SW-VS		589747	7.12	277157	10.78

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212542/2 Date Analyzed: 03/14/2014 04:52
 Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): O84774.D Heated Purge: (Y/N) Y
 Calibration ID: 36232

	TBA		FB		DXE		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	443248	1.86	810819	3.59	46728	4.27	
UPPER LIMIT	886496	2.36	1621638	4.09	93456	4.77	
LOWER LIMIT	221624	1.36	405410	3.09	23364	3.77	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-212542/3	407821	1.86	741768	3.59	41749	4.28	
MB 460-212542/6	471097	1.86	794419	3.59	46581	4.29	
460-72180-18	PMP-26SW-SI	380084	1.86	834689	3.59	29155	4.29
460-72180-9	PMP-17SW-SI	370349	1.86	772455	3.59	34806	4.29
460-72180-25	DUP2_030714	432154	1.85	791434	3.59	42355	4.29
460-72180-29	PMP-27SW-SI	390073	1.86	731039	3.59	37328	4.27
460-72180-15	PMP-19SW-SI	442701	1.86	760326	3.59	41077	4.28
460-72180-10	PMP-18SW-VD	493453	1.86	782987	3.59	39946	4.28
460-72180-26	DUP3_030714	464109	1.86	787207	3.59	41422	4.28
LCSD 460-212542/17		467879	1.86	850146	3.59	44923	4.28
460-72180-13	PMP-19SW-VD	361346	1.86	642138	3.59	31592	4.28

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212542/2 Date Analyzed: 03/14/2014 04:52
 Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): O84774.D Heated Purge: (Y/N) Y
 Calibration ID: 36232

	CBZ		DCB		AREA #	RT #
	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	581215	7.12	286866	10.78		
UPPER LIMIT	1162430	7.62	573732	11.28		
LOWER LIMIT	290608	6.62	143433	10.28		
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-212542/3		552726	7.12	290583	10.78	
MB 460-212542/6		580674	7.12	275746	10.78	
460-72180-18	PMP-26SW-SI	599643	7.12	289652	10.78	
460-72180-9	PMP-17SW-SI	562398	7.12	267129	10.78	
460-72180-25	DUP2_030714	584710	7.12	284313	10.78	
460-72180-29	PMP-27SW-SI	532024	7.12	258119	10.78	
460-72180-15	PMP-19SW-SI	558601	7.12	273875	10.78	
460-72180-10	PMP-18SW-VD	553376	7.12	251551	10.78	
460-72180-26	DUP3_030714	545658	7.12	248406	10.78	
LCSD 460-212542/17		588695	7.12	281629	10.78	
460-72180-13	PMP-19SW-VD	482266	7.12	235267	10.78	

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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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-A-26-A MS			405844	3.19	807034	5.35	50565	6.06
460-72174-A-26-A MSD			401657	3.19	812982	5.35	51702	6.06
460-72180-14	PMP-19SW-WT		419681	3.20	810797	5.35	55426	6.06
460-72180-20	PMP-27SW-WT		469989	3.20	790742	5.35	58956	6.07
460-72180-24	DUP_030714		494522	3.20	831418	5.35	55313	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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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-A-26-A MS		685007	8.82	408555	10.96	
460-72174-A-26-A MSD		694598	8.82	405413	10.96	
460-72180-14	PMP-19SW-WT	694388	8.81	409197	10.96	
460-72180-20	PMP-27SW-WT	668934	8.82	401700	10.96	
460-72180-24	DUP_030714	699016	8.81	430864	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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212620/2 Date Analyzed: 03/14/2014 10:05
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J09993.D Heated Purge: (Y/N) N
 Calibration ID: 36078

	TBA		FB		DXE			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	451550	3.18	812717	5.35	54556	6.05		
UPPER LIMIT	903100	3.68	1625434	5.85	109112	6.55		
LOWER LIMIT	225775	2.68	406359	4.85	27278	5.55		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 460-212620/3			488664	3.18	824272	5.35	56423	6.06
MB 460-212620/6			431962	3.18	722556	5.36	49063	6.06
460-72180-3		PMP-15SW-WT	435537	3.19	805643	5.35	52161	6.06
460-72180-6		PMP-16SW-WT	430987	3.20	767561	5.35	52835	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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212620/2 Date Analyzed: 03/14/2014 10:05
 Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): J09993.D Heated Purge: (Y/N) N
 Calibration ID: 36078

	CBZ		DCB		AREA #	RT #
	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	697459	8.82	402615	10.96		
UPPER LIMIT	1394918	9.32	805230	11.46		
LOWER LIMIT	348730	8.32	201308	10.46		
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-212620/3		702594	8.82	409165	10.96	
MB 460-212620/6		605416	8.82	351665	10.96	
460-72180-3	PMP-15SW-WT	684018	8.82	411746	10.96	
460-72180-6	PMP-16SW-WT	661363	8.82	403164	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 I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: O84757.D
 Analysis Method: 8260B Date Collected: 03/07/2014 08:45
 Sample wt/vol: 5.006(g) Date Analyzed: 03/13/2014 20:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 11.8 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.49	U	1.1	0.49
75-01-4	Vinyl chloride	0.39	U	1.1	0.39
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	17	B	5.7	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	0.22	U	1.1	0.22
75-34-3	1,1-Dichloroethane	0.12	U	1.1	0.12
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.44	J	1.1	0.27
78-93-3	2-Butanone	0.71	U	5.7	0.71
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
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	0.32	U	1.1	0.32
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	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.15	U	5.7	0.15
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	0.36	U	5.7	0.36
123-91-1	1,4-Dioxane	14	U	23	14
79-01-6	Trichloroethene	0.14	U	1.1	0.14
108-88-3	Toluene	0.18	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	0.23	U	5.7	0.23
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: O84757.D
 Analysis Method: 8260B Date Collected: 03/07/2014 08:45
 Sample wt/vol: 5.006(g) Date Analyzed: 03/13/2014 20:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 11.8 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.22	U	1.1	0.22
87-61-6	1,2,3-Trichlorobenzene	0.18	U	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	0.14	U	1.1	0.14
1330-20-7	Xylenes, Total	0.76	U	2.3	0.76
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U	1.1	0.50
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	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	93		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: O84757.D
 Analysis Method: 8260B Date Collected: 03/07/2014 08:45
 Sample wt/vol: 5.006(g) Date Analyzed: 03/13/2014 20:43
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 11.8 Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84757.D
 Lims ID: 460-72180-A-1-A Lab Sample ID: 460-72180-1
 Client ID: PMP-28SW-SD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 20:43:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72329-B-8-A
 Misc. Info.: 460-0010824-008
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:39:07 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:39:07

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.592	-0.008	85	32710	15.2	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	91	542144	1000.0	
47 Chloroform	83	2.902	2.895	0.007	84	4119	0.3874	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	93	185787	43.9	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	86	192657	43.8	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	1045667	50.0	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	83	43388	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	870168	44.2	
77 Toluene	91	5.331	5.331	0.0	85	4580	0.1569	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	87	751154	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	246428	46.5	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	354509	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84757.D

Injection Date: 13-Mar-2014 20:43:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-1-A

Lab Sample ID: 460-72180-1

Worklist Smp#: 8

Client ID: PMP-28SW-SD

Purge Vol: 5.000 mL

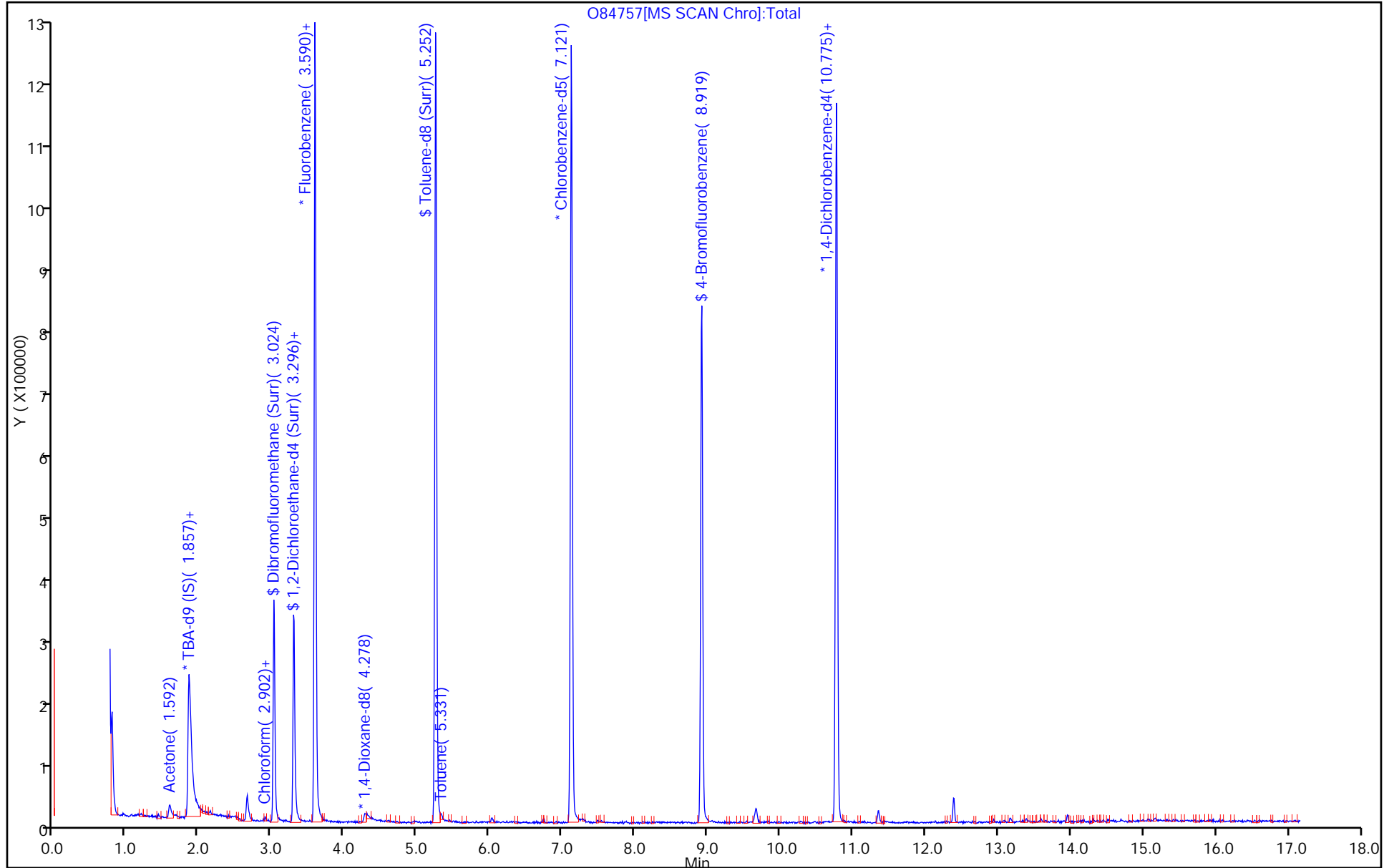
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84757.D

Injection Date: 13-Mar-2014 20:43:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-1-A

Lab Sample ID: 460-72180-1

Client ID: PMP-28SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

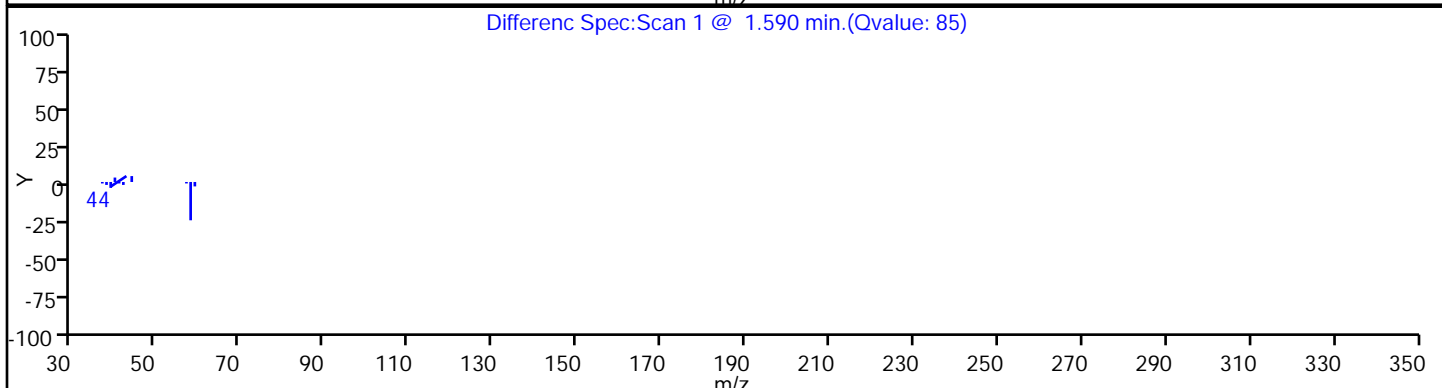
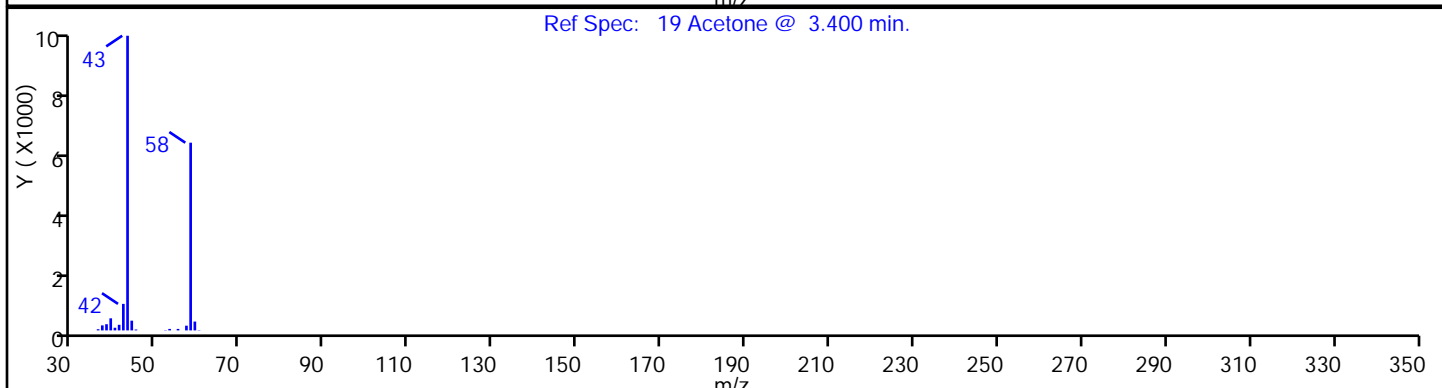
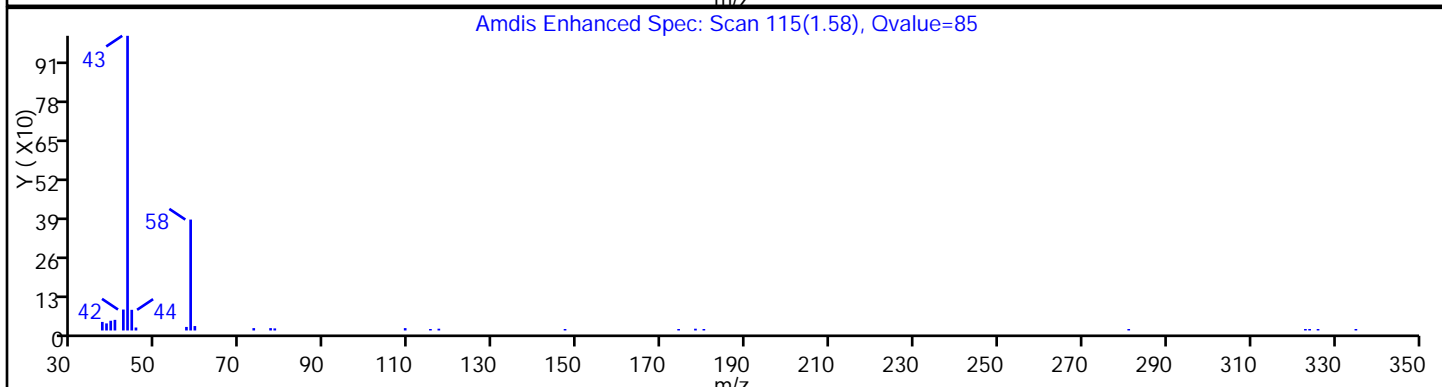
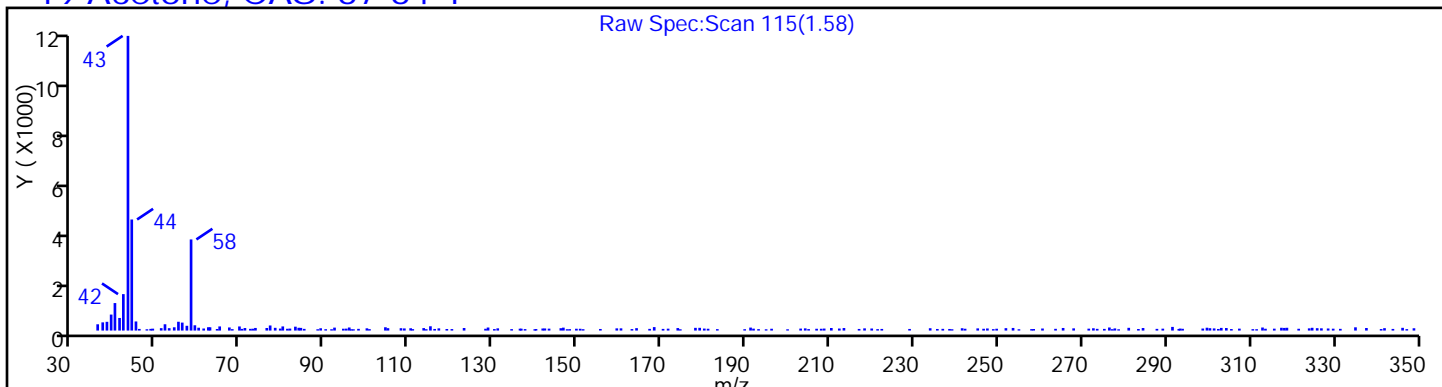
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84757.D

Injection Date: 13-Mar-2014 20:43:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-1-A

Lab Sample ID: 460-72180-1

Client ID: PMP-28SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

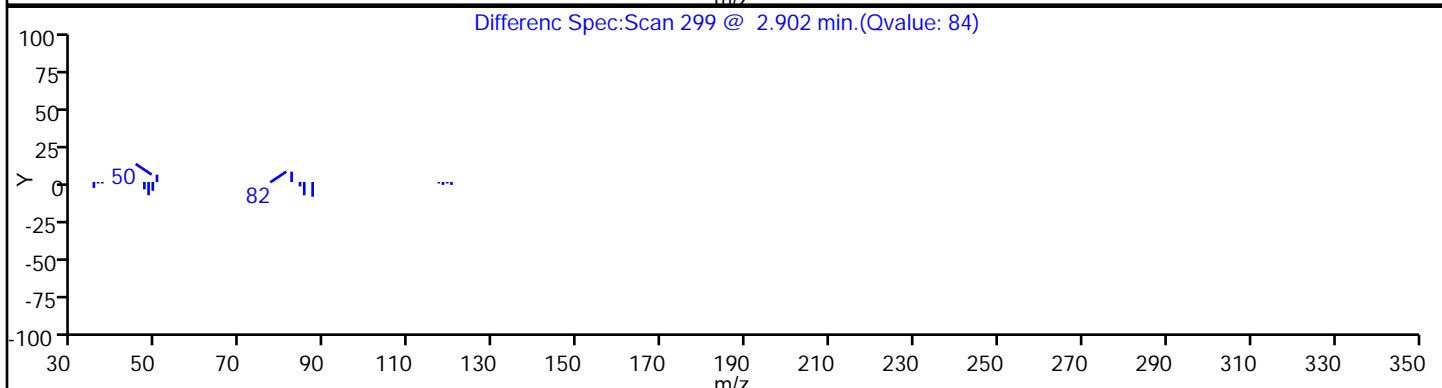
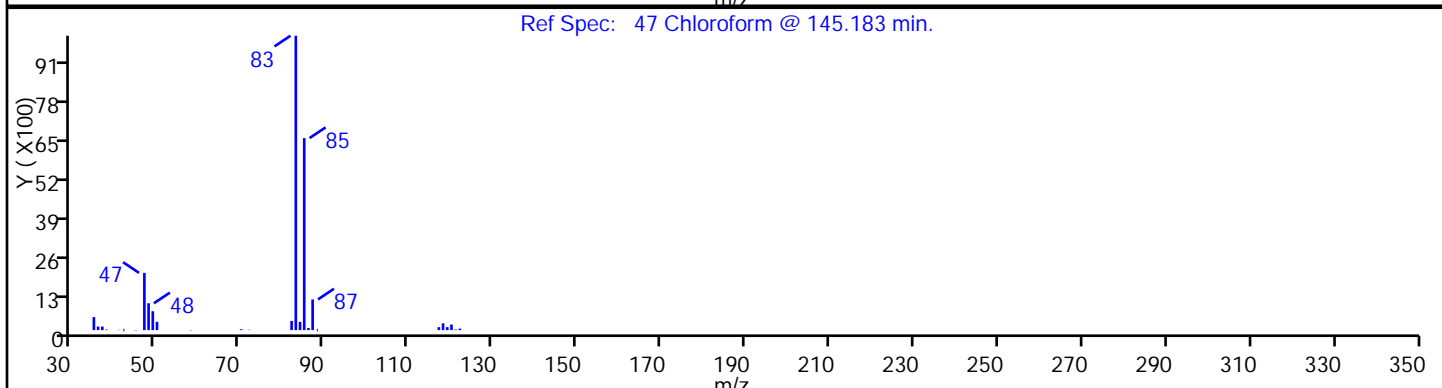
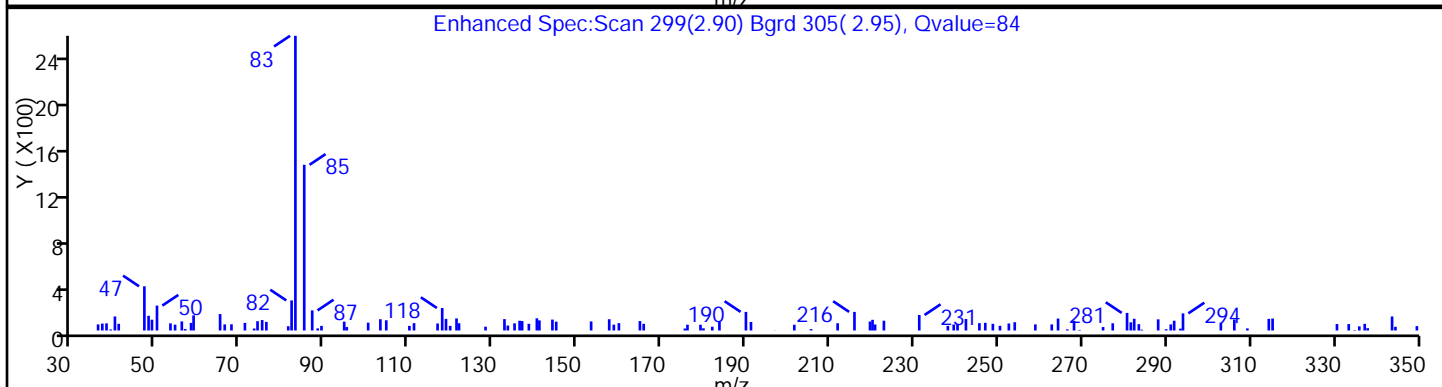
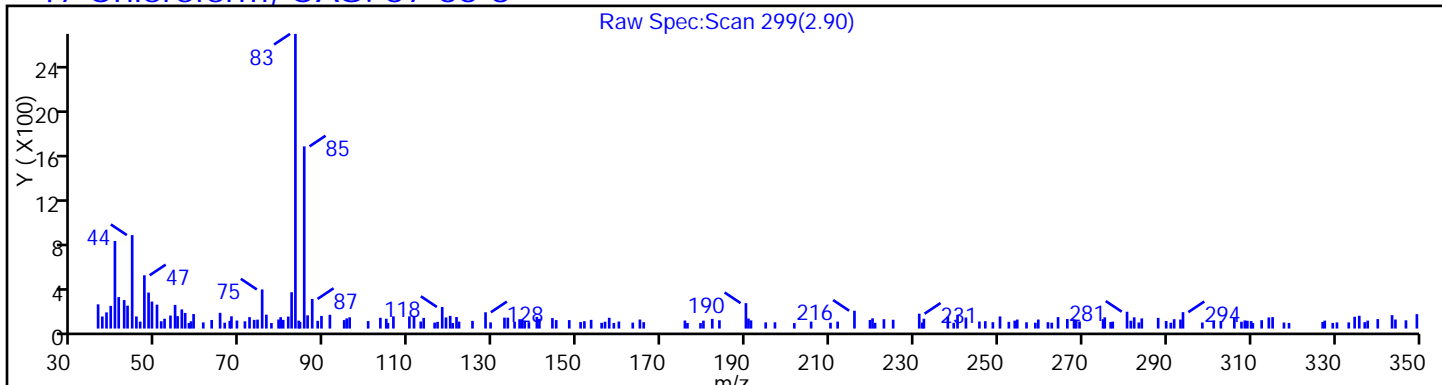
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84757.D

Injection Date: 13-Mar-2014 20:43:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-1-A

Lab Sample ID: 460-72180-1

Client ID: PMP-28SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

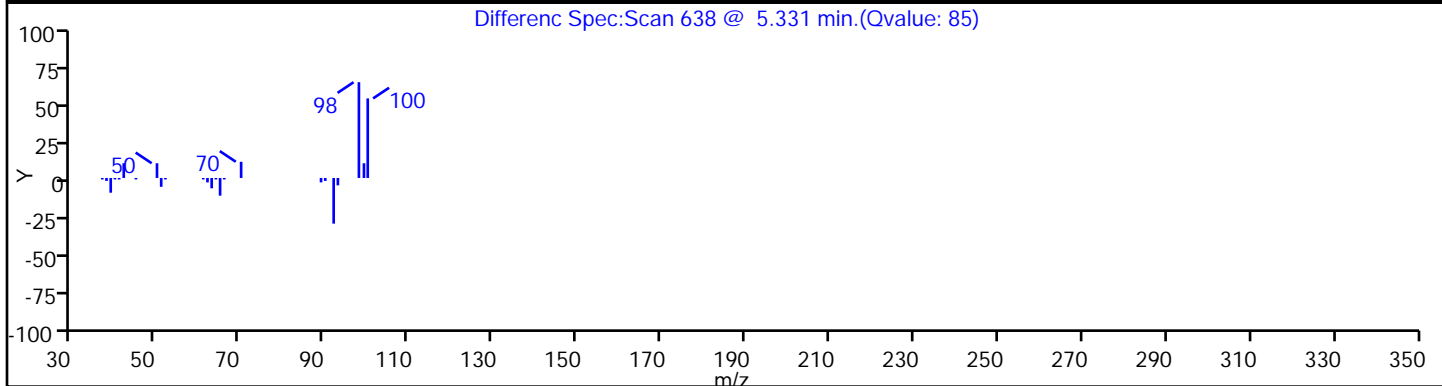
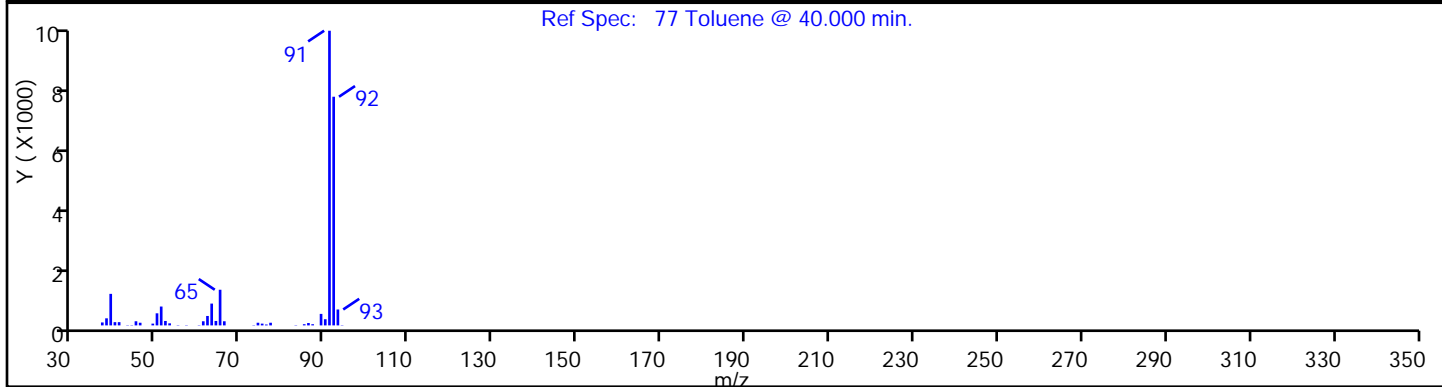
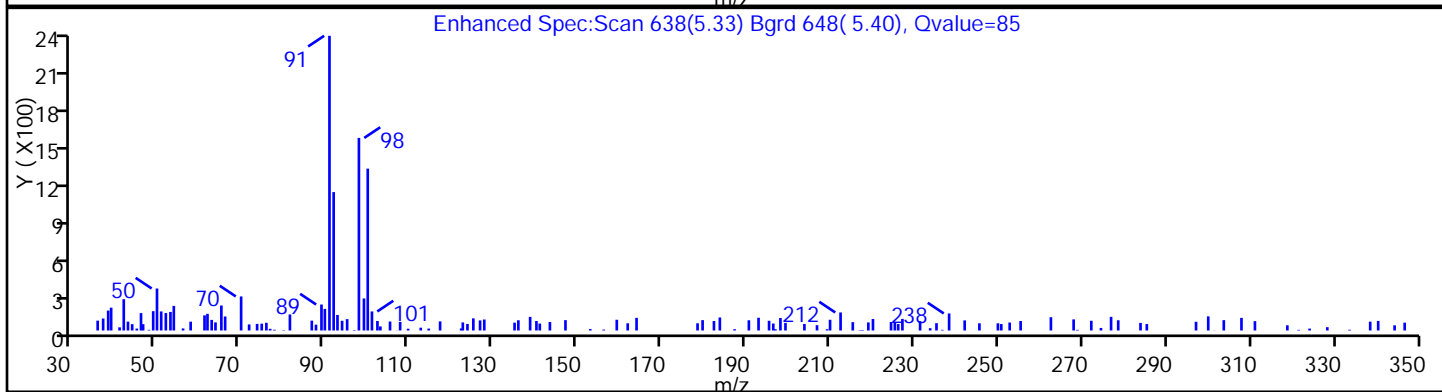
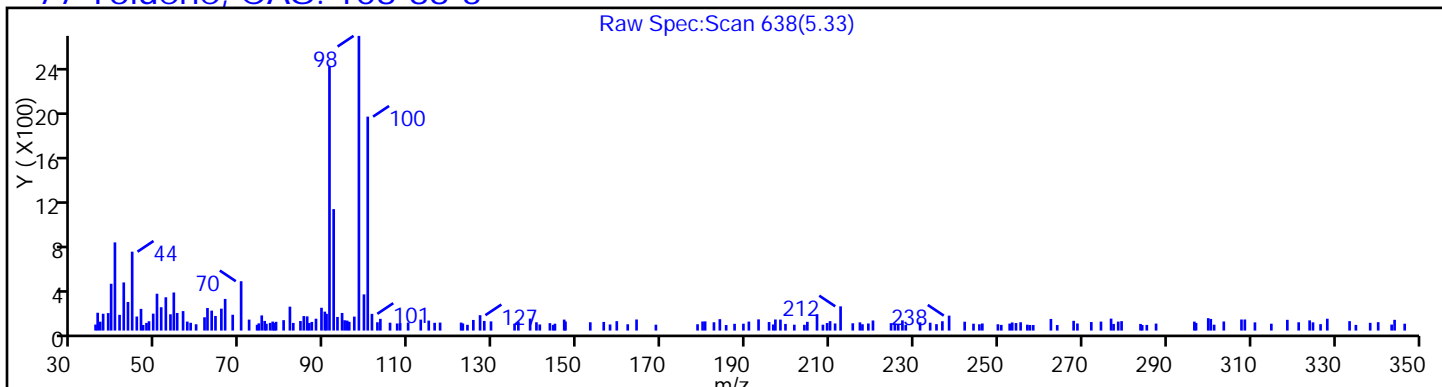
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: O84758.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:30
 Sample wt/vol: 4.462(g) Date Analyzed: 03/13/2014 22:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 5.6 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.19	U	1.2	0.19
74-83-9	Bromomethane	0.51	U	1.2	0.51
75-01-4	Vinyl chloride	0.40	U	1.2	0.40
75-00-3	Chloroethane	0.39	U	1.2	0.39
75-09-2	Methylene Chloride	1.3		1.2	0.18
67-64-1	Acetone	9.2	B	5.9	2.0
75-15-0	Carbon disulfide	0.18	U	1.2	0.18
75-69-4	Trichlorofluoromethane	0.19	U	1.2	0.19
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.15	U	1.2	0.15
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	0.28	U	1.2	0.28
78-93-3	2-Butanone	0.75	U	5.9	0.75
107-06-2	1,2-Dichloroethane	0.21	U	1.2	0.21
71-55-6	1,1,1-Trichloroethane	0.15	U	1.2	0.15
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.20	U	1.2	0.20
100-42-5	Styrene	0.33	U	1.2	0.33
100-41-4	Ethylbenzene	0.20	U	1.2	0.20
108-90-7	Chlorobenzene	0.21	U	1.2	0.21
110-82-7	Cyclohexane	0.15	U	1.2	0.15
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.15	U	5.9	0.15
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.38	U	5.9	0.38
123-91-1	1,4-Dioxane	15	U	24	15
79-01-6	Trichloroethene	0.14	U	1.2	0.14
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.24	U	5.9	0.24
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	0.12	U	1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.19	U	1.2	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: O84758.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:30
 Sample wt/vol: 4.462(g) Date Analyzed: 03/13/2014 22:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 5.6 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	0.23	U	1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	0.19	U	1.2	0.19
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	0.12	U	1.2	0.12
127-18-4	Tetrachloroethene	0.14	U	1.2	0.14
1330-20-7	Xylenes, Total	0.80	U	2.4	0.80
96-12-8	1,2-Dibromo-3-Chloropropane	0.52	U	1.2	0.52
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.26	U	1.2	0.26
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.38	U	1.2	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: O84758.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:30
 Sample wt/vol: 4.462(g) Date Analyzed: 03/13/2014 22:11
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 5.6 Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84758.D
 Lims ID: 460-72180-A-2-A Lab Sample ID: 460-72180-2
 Client ID: PMP-15SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 22:11:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-2-A
 Misc. Info.: 460-0010824-009
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:40:27 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:40:27

Compound	Sig	RT (min.)	Exp RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.599	1.592	0.007	83	17722	7.73	
25 Methylene Chloride	84	1.828	1.821	0.007	87	6814	1.11	
* 151 TBA-d9 (IS)	65	1.864	1.864	0.0	96	576540	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.032	3.024	0.008	96	193609	49.0	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.304	3.296	0.008	85	197572	48.0	
* 59 Fluorobenzene	96	3.597	3.590	0.007	98	977652	50.0	
* 150 1,4-Dioxane-d8	96	4.299	4.278	0.021	87	48159	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.259	5.252	0.007	99	879060	48.4	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	87	692492	50.0	
\$ 99 4-Bromofluorobenzene	174	8.920	8.919	0.001	84	243602	49.9	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	331340	50.0	

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84758.D

Injection Date: 13-Mar-2014 22:11:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-2-A

Lab Sample ID: 460-72180-2

Worklist Smp#: 9

Client ID: PMP-15SW-VD

Purge Vol: 5.000 mL

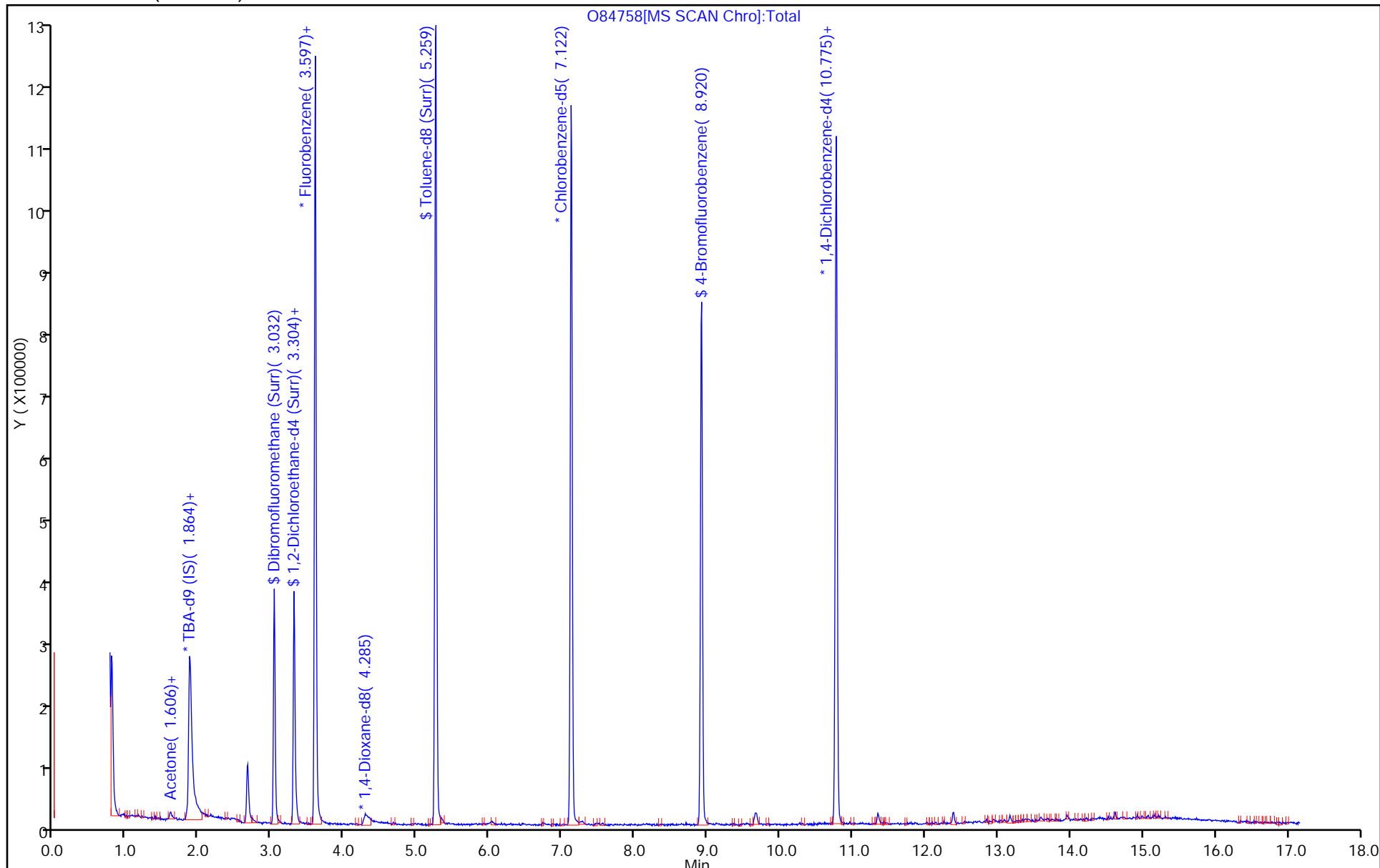
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84758.D

Injection Date: 13-Mar-2014 22:11:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-2-A

Lab Sample ID: 460-72180-2

Client ID: PMP-15SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

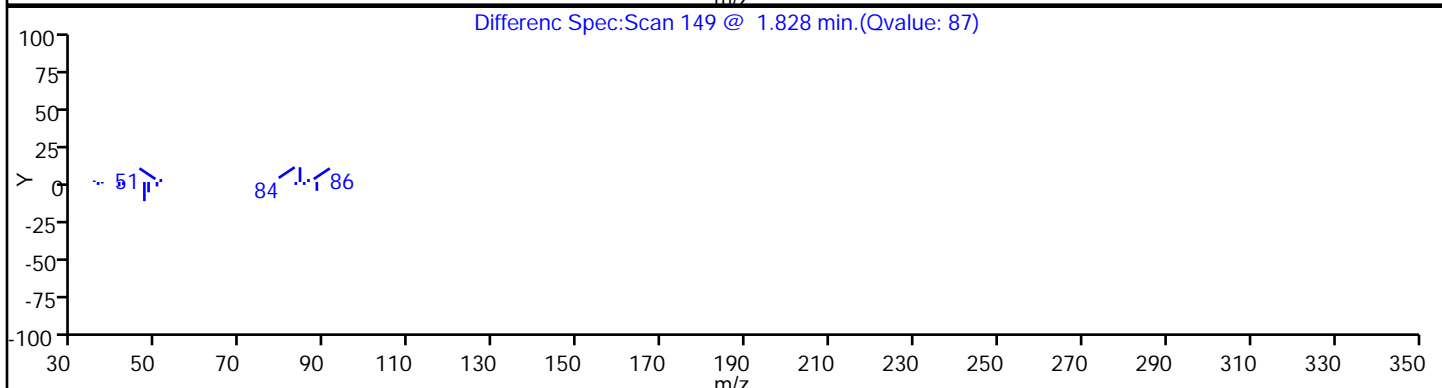
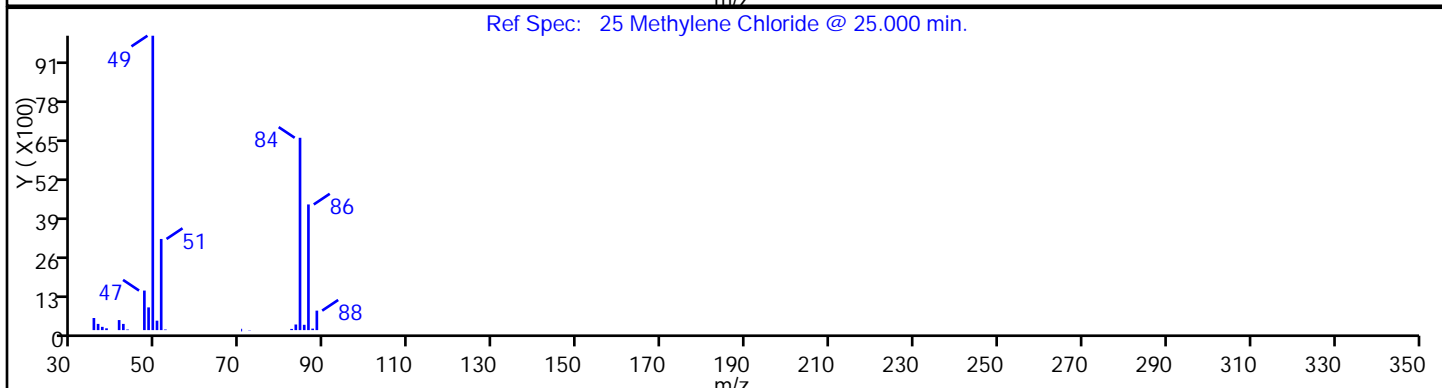
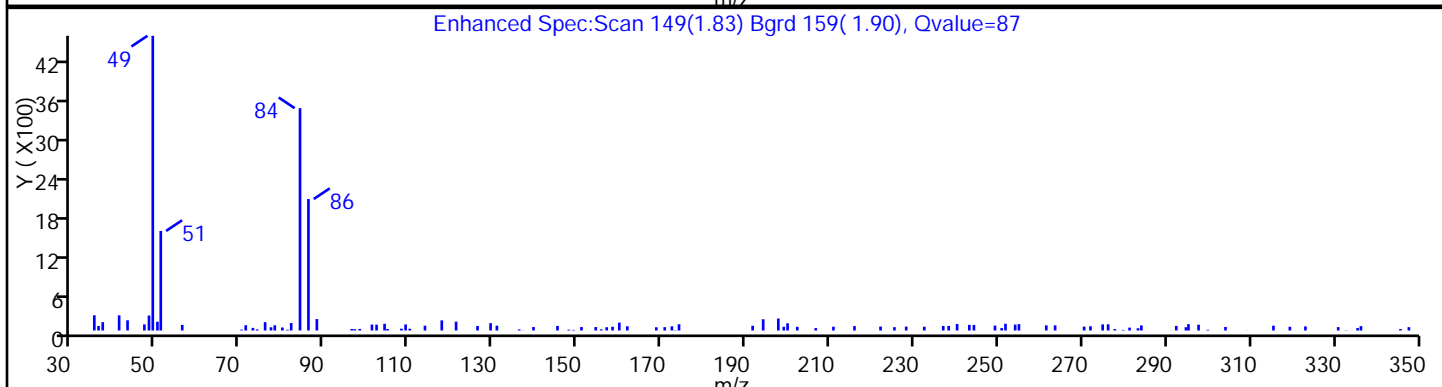
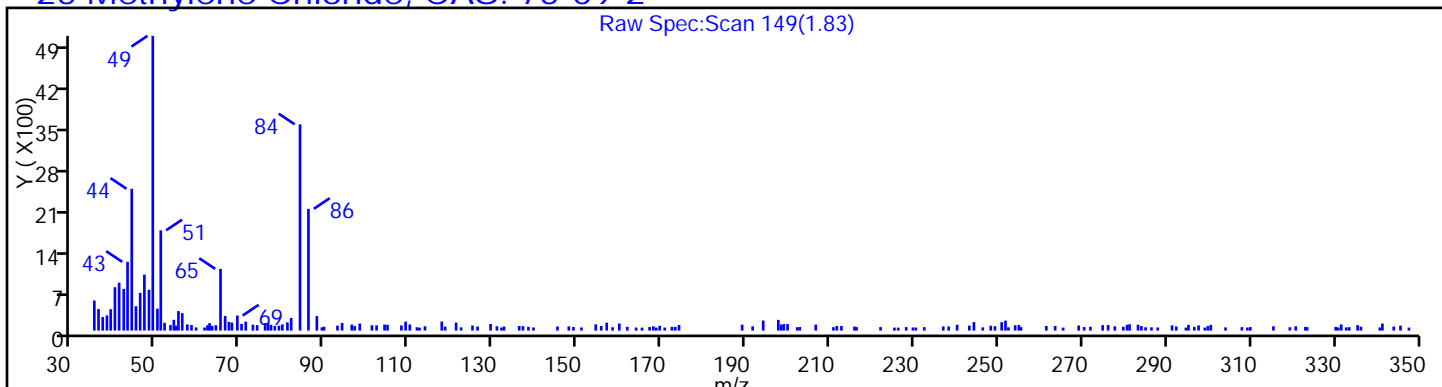
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84758.D

Injection Date: 13-Mar-2014 22:11:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-2-A

Lab Sample ID: 460-72180-2

Client ID: PMP-15SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

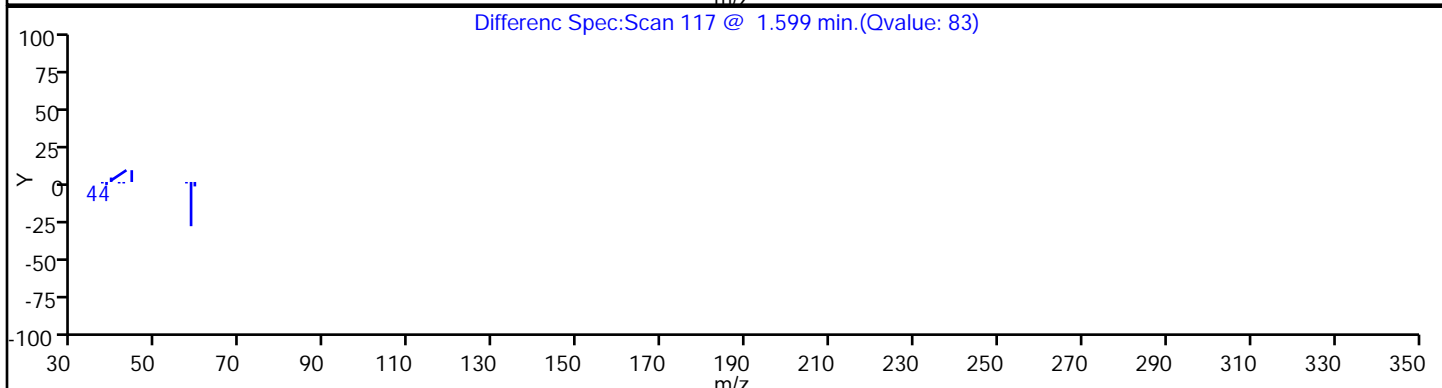
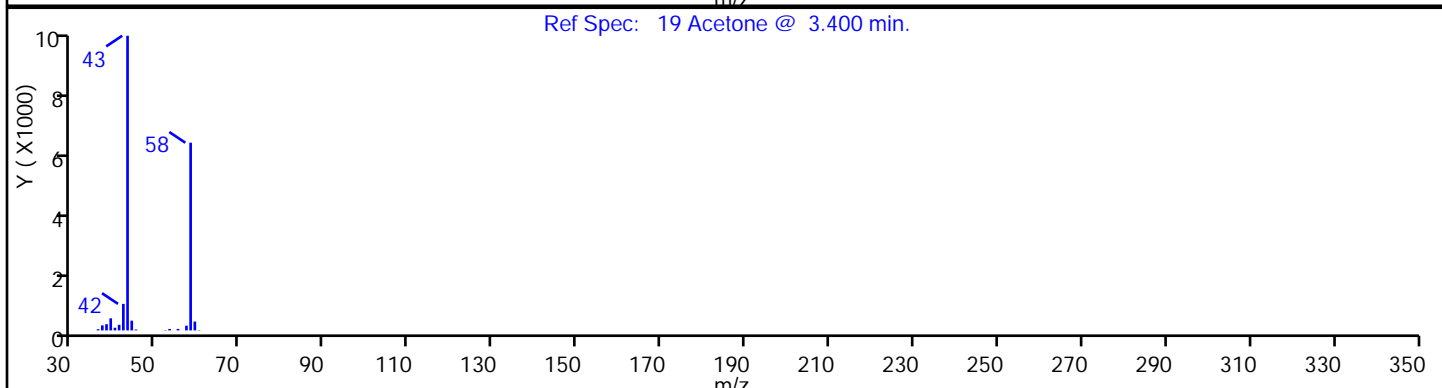
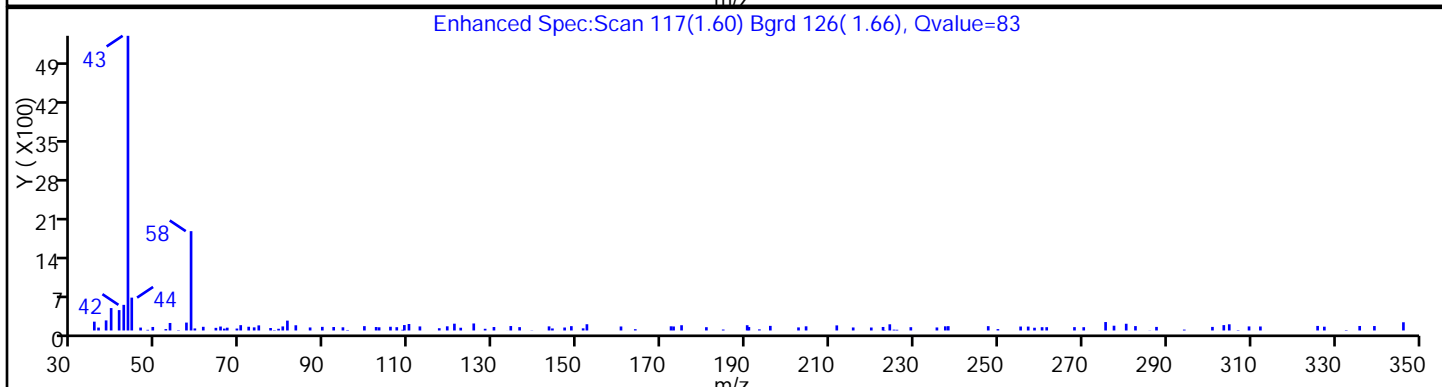
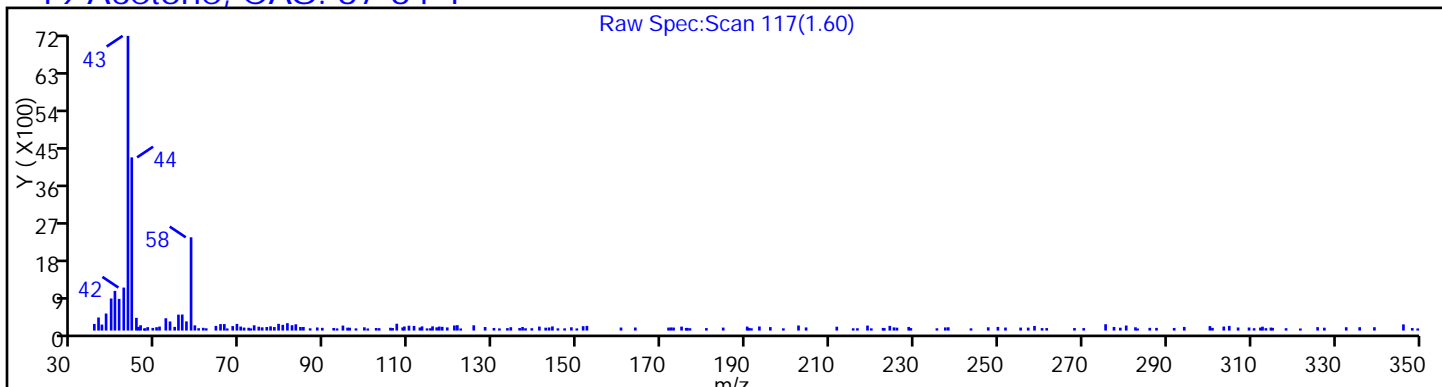
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: J10002.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:35
 Sample wt/vol: 4.995(g) Date Analyzed: 03/14/2014 14:09
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: 12.7 Level: (low/med) Medium
 Analysis Batch No.: 212620 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	110	11
74-83-9	Bromomethane	21	U	110	21
75-01-4	Vinyl chloride	17	U	110	17
75-00-3	Chloroethane	19	U	110	19
75-09-2	Methylene Chloride	21	U	110	21
67-64-1	Acetone	310	U	570	310
75-15-0	Carbon disulfide	14	U	110	14
75-69-4	Trichlorofluoromethane	17	U	110	17
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	9.0	U	110	9.0
78-93-3	2-Butanone	270	U	570	270
107-06-2	1,2-Dichloroethane	22	U	110	22
71-55-6	1,1,1-Trichloroethane	7.1	U	110	7.1
56-23-5	Carbon tetrachloride	6.5	U	110	6.5
71-43-2	Benzene	9.5	U	110	9.5
75-25-2	Bromoform	22	U	110	22
100-42-5	Styrene	14	U	110	14
100-41-4	Ethylbenzene	11	U	110	11
108-90-7	Chlorobenzene	13	U	110	13
110-82-7	Cyclohexane	18	U *	110	18
98-82-8	Isopropylbenzene	8.8	U	110	8.8
591-78-6	2-Hexanone	57	U *	570	57
1634-04-4	MTBE	16	U	110	16
76-13-1	Freon TF	9.4	U	110	9.4
79-20-9	Methyl acetate	39	U	570	39
123-91-1	1,4-Dioxane	4100	U	5700	4100
79-01-6	Trichloroethene	36	J	110	11
108-88-3	Toluene	17	U	110	17
10061-02-6	trans-1,3-Dichloropropene	28	U	110	28
108-10-1	4-Methyl-2-pentanone	110	U	570	110
10061-01-5	cis-1,3-Dichloropropene	21	U	110	21
95-50-1	1,2-Dichlorobenzene	24	U	110	24
541-73-1	1,3-Dichlorobenzene	16	U	110	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: J10002.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:35
 Sample wt/vol: 4.995(g) Date Analyzed: 03/14/2014 14:09
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: 12.7 Level: (low/med) Medium
 Analysis Batch No.: 212620 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	27	U	110	27
120-82-1	1,2,4-Trichlorobenzene	3000		110	39
87-61-6	1,2,3-Trichlorobenzene	670		110	59
78-87-5	1,2-Dichloropropane	9.9	U	110	9.9
108-87-2	Methylcyclohexane	72	J *	110	16
127-18-4	Tetrachloroethene	140		110	11
1330-20-7	Xylenes, Total	47	J	230	41
96-12-8	1,2-Dibromo-3-Chloropropane	46	U	110	46
79-34-5	1,1,2,2-Tetrachloroethane	18	U	110	18
79-00-5	1,1,2-Trichloroethane	22	U	110	22
124-48-1	Dibromochloromethane	23	U	110	23
106-93-4	1,2-Dibromoethane	32	U	110	32
75-71-8	Dichlorodifluoromethane	25	U	110	25
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)	81		75-135
2037-26-5	Toluene-d8 (Surr)	78		59-150
460-00-4	Bromofluorobenzene	80		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: J10002.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:35
 Sample wt/vol: 4.995(g) Date Analyzed: 03/14/2014 14:09
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 12.7 Level: (low/med) Medium
 Analysis Batch No.: 212620 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 41100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.15	4400	J N
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.47	4600	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.54	3700	J N
1758-85-6	Benzene, 2,4-diethyl-1-methyl-	11.71	4100	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.91	3800	J N
20836-11-7	1H-Indene, 2,3-dihydro-2,2-dimethyl-	12.22	5100	J N
16819-79-7	2'-Ethylpropiophenone	12.68	3900	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.85	3400	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.96	4700	J N
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.10	3400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D
 Lims ID: 460-72180-C-3-A Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 14:09:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-3-A
 Misc. Info.: 460-0010873-011
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 16:00:19 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: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 15:52:20

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.193	3.179	0.014	58	435537	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	4.727	4.731	-0.004	94	171620	38.8	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.079	5.083	-0.004	89	244145	40.3	
* 59 Fluorobenzene	96	5.350	5.353	-0.003	97	805643	50.0	
61 Trichloroethene	95	5.708	5.706	0.002	53	1202	0.3126	
63 Methylcyclohexane	83	5.837	5.829	0.008	48	3042	0.6294	
* 150 1,4-Dioxane-d8	96	6.061	6.058	0.003	76	52161	1000.0	
\$ 76 Toluene-d8 (Surr)	98	7.024	7.028	-0.004	98	656525	39.1	
80 Tetrachloroethene	166	7.712	7.715	-0.003	79	4266	1.19	
* 87 Chlorobenzene-d5	117	8.816	8.820	-0.004	85	684018	50.0	
92 o-Xylene	106	9.556	9.560	-0.004	29	2677	0.4070	
\$ 99 4-Bromofluorobenzene	174	10.085	10.083	0.002	86	233551	39.8	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.959	0.002	94	411746	50.0	
124 1,2,4-Trichlorobenzene	180	12.189	12.192	-0.003	88	144568	25.8	
128 1,2,3-Trichlorobenzene	180	12.524	12.527	-0.003	56	30222	5.88	
S 131 Xylenes, Total	100				0		0.4070	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D
 Lims ID: 460-72180-C-3-A Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 14:09:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-3-A
 Misc. Info.: 460-0010873-011
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 16:00:19 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: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 15:52:20

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
11.149	493-02-7 Naphthalene, decahydro-, trans- 1998434	38.3	116	97	16319	C10H18	138	
11.472	1758-88-9 Benzene, 2-ethyl-1,4-dimethyl- 2102672	40.3	116	50	14379	C10H14	134	
11.537	2958-76-1 Naphthalene, decahydro-2-methyl- 1696374	32.5	116	86	24328	C11H20	152	
11.707	1758-85-6 Benzene, 2,4-diethyl-1-methyl- 1878867	36.0	116	90	21820	C11H16	148	
11.913	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)- 1710160	32.8	116	93	21844	C11H16	148	
12.218	20836-11-7 1H-Indene,2,3-dihydro-2,2-dimethyl- 2319499	44.5	116	89	20737	C11H14	146	
12.682	16819-79-7 2'-Ethylpropiophenone 1791613	34.3	116	41	30513	C11H14O	162	
12.847	40650-41-7 1H-Indene, 2,3-dihydro-1,1,5-trimethyl- 1554842	29.8	116	93	29423	C12H16	160	
12.964	2613-76-5 1H-Indene, 2,3-dihydro-1,1,3-trimethyl- 2151414	41.2	116	76	29424	C12H16	160	
13.099	13065-07-1 Naphthalene, 1,2,3,4-tetrahydro-2,7-dime 1536874	29.5	116	94	29448	C12H16	160	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.961	2608845	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Worklist Smp#: 11

Client ID: PMP-15SW-WT

Purge Vol: 5.000 mL

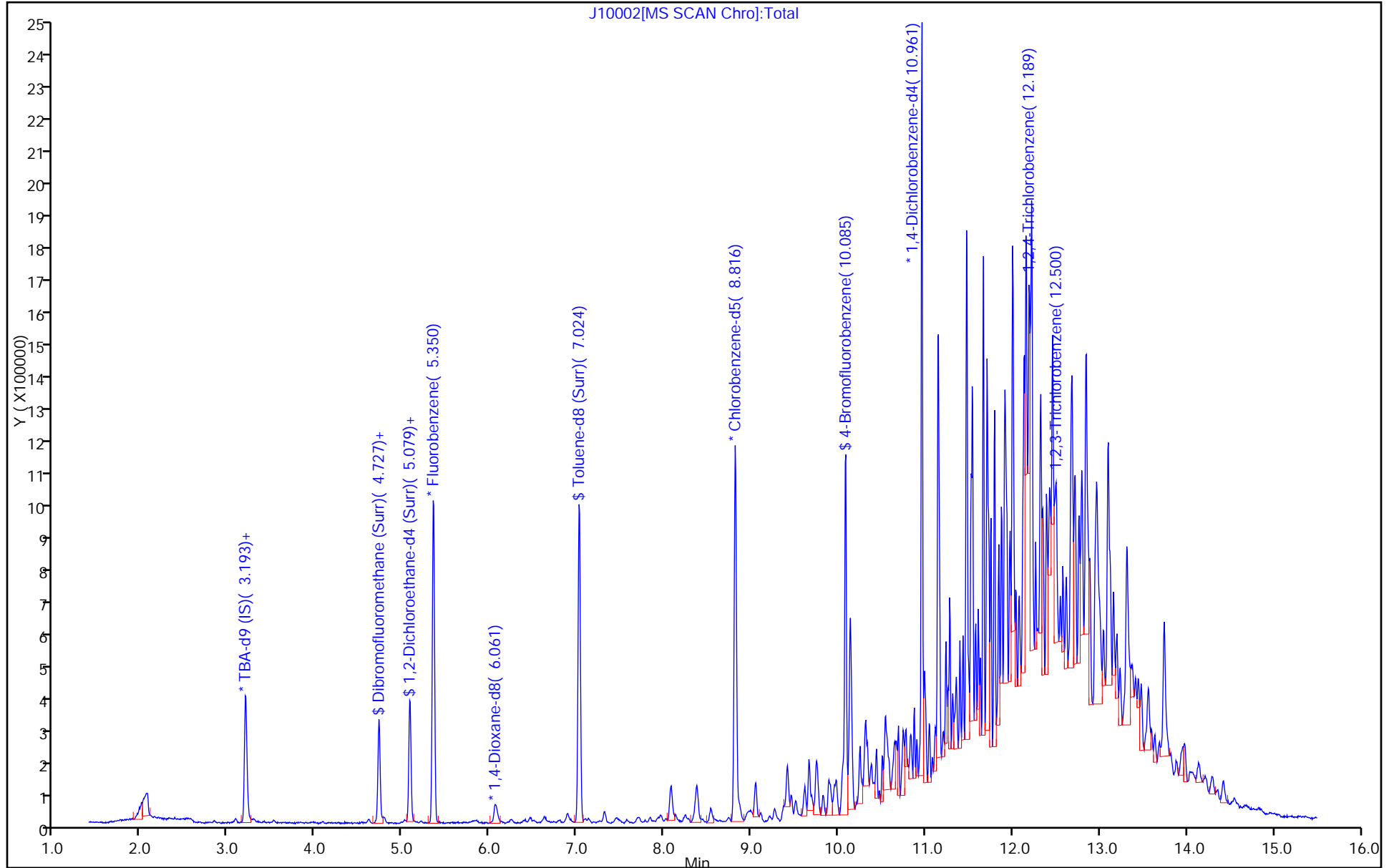
Dil. Factor: 50.0000

ALS Bottle#: 10

Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

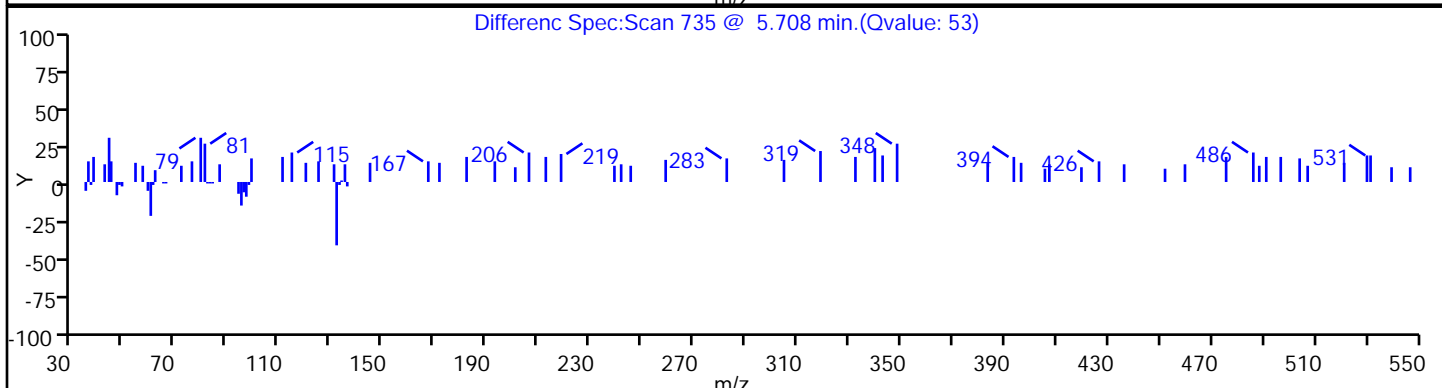
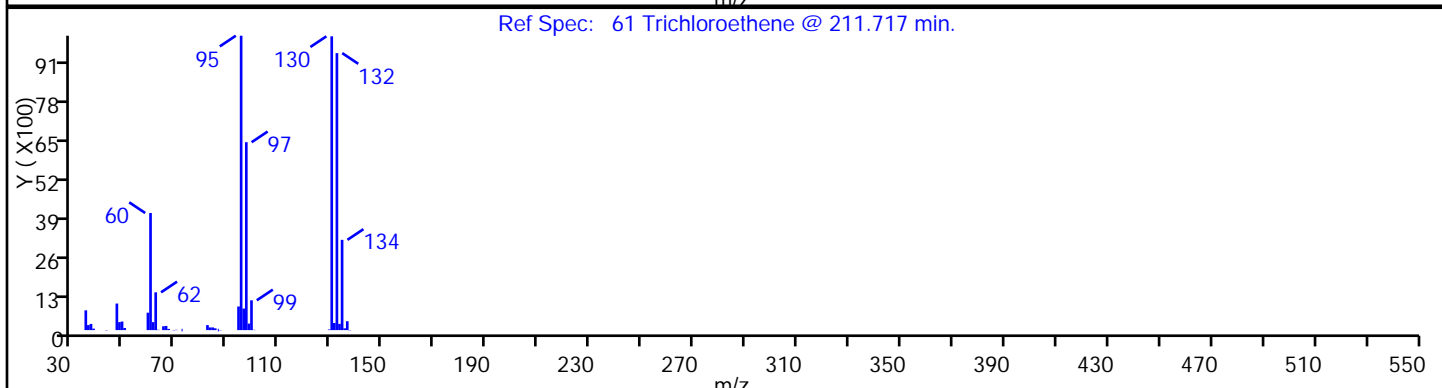
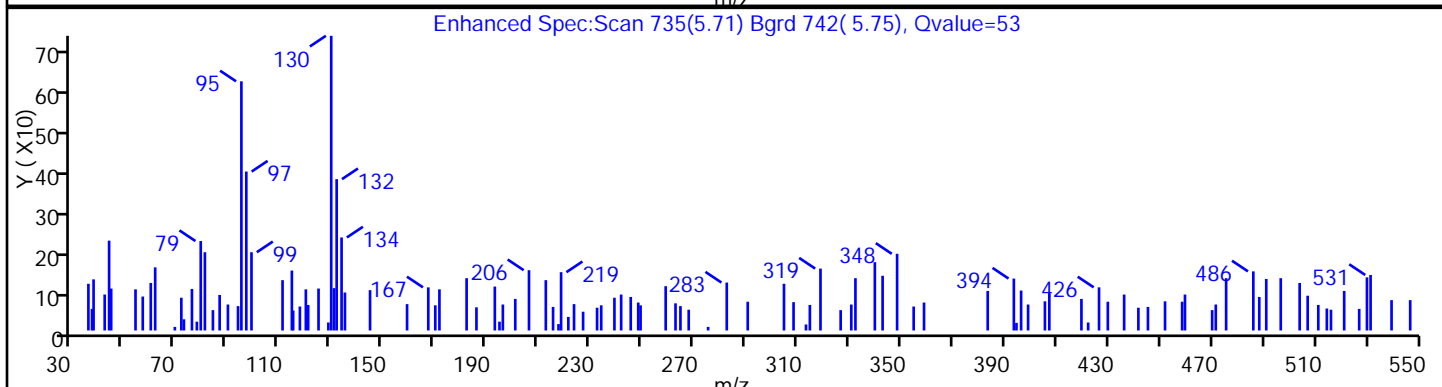
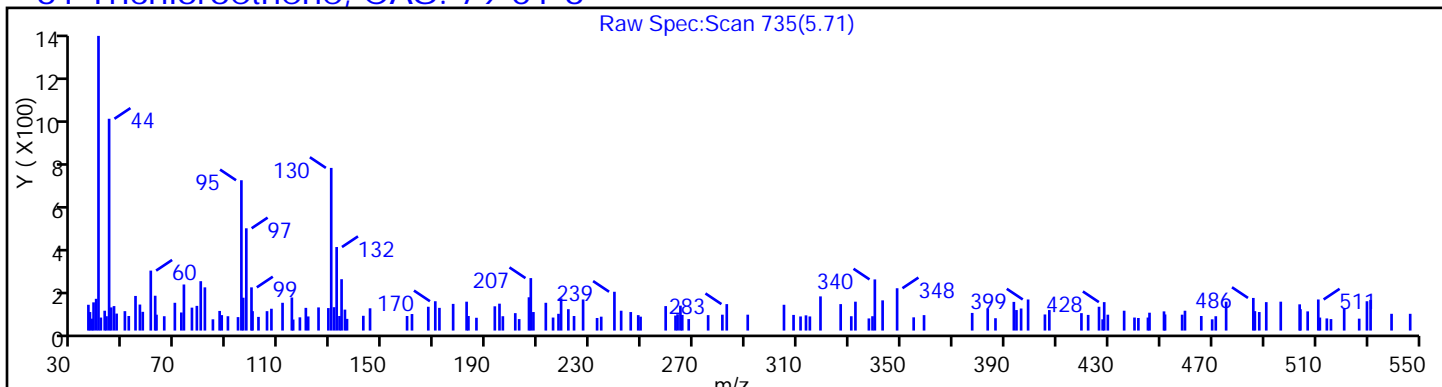
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

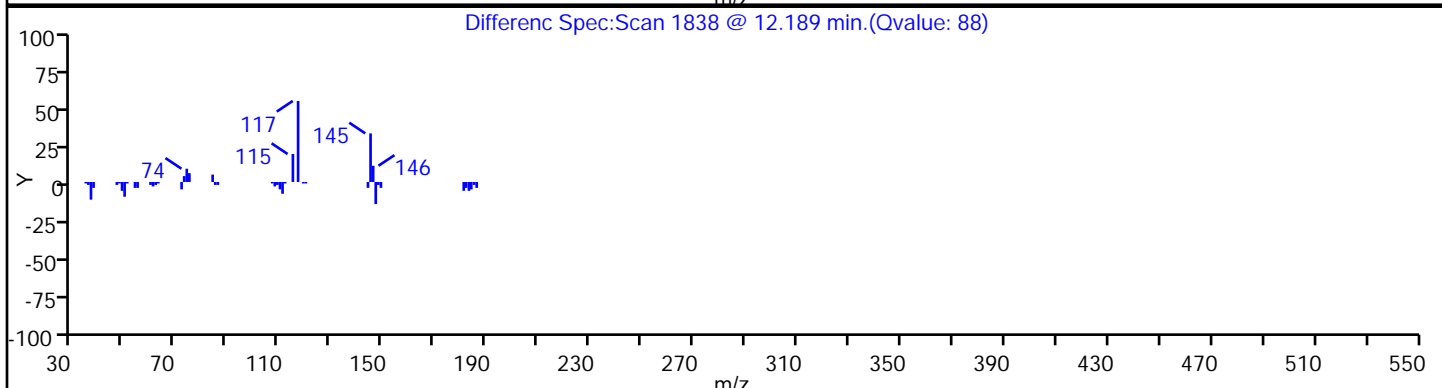
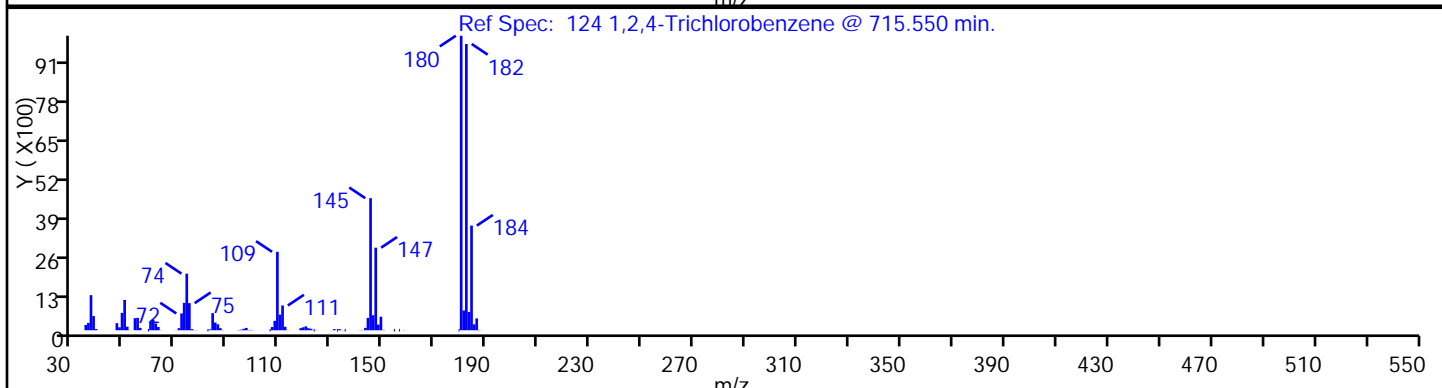
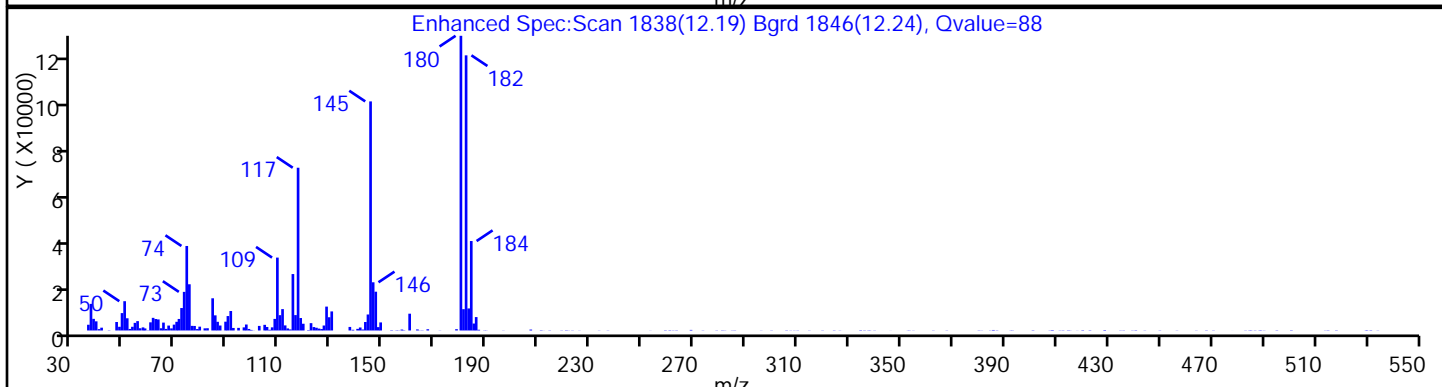
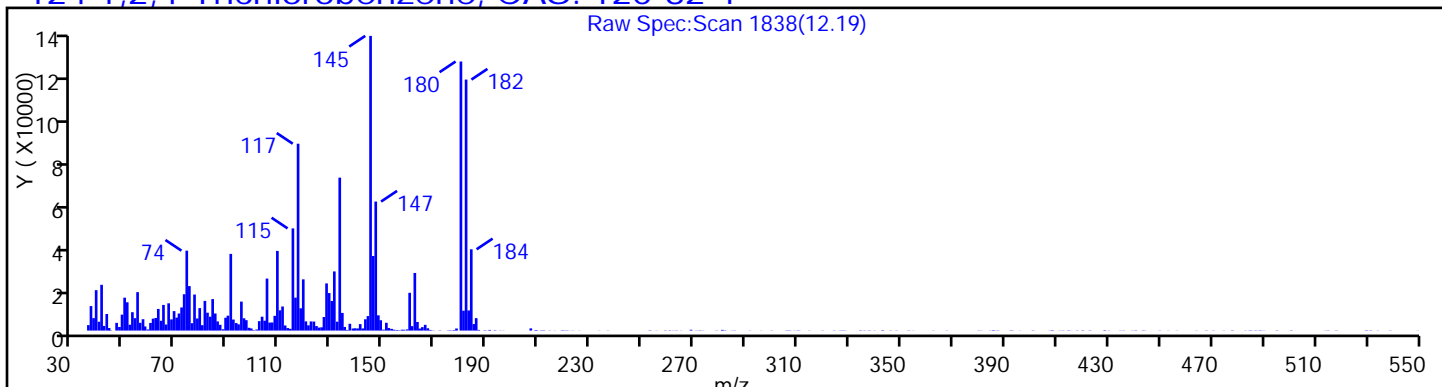
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

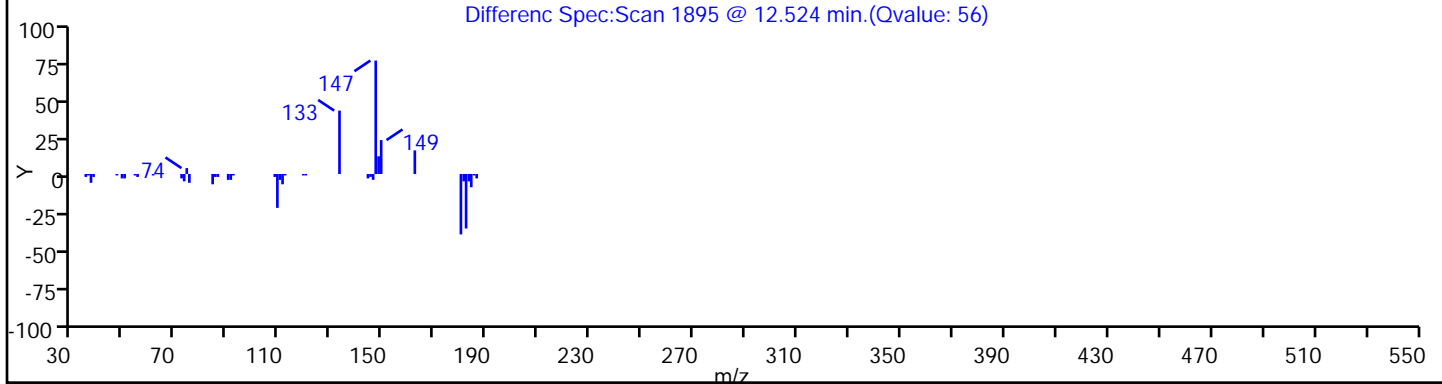
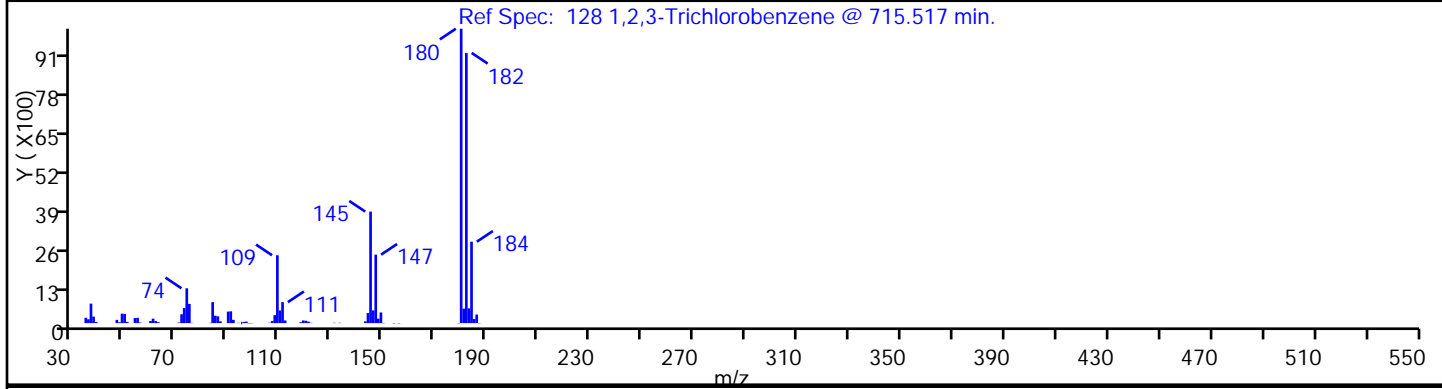
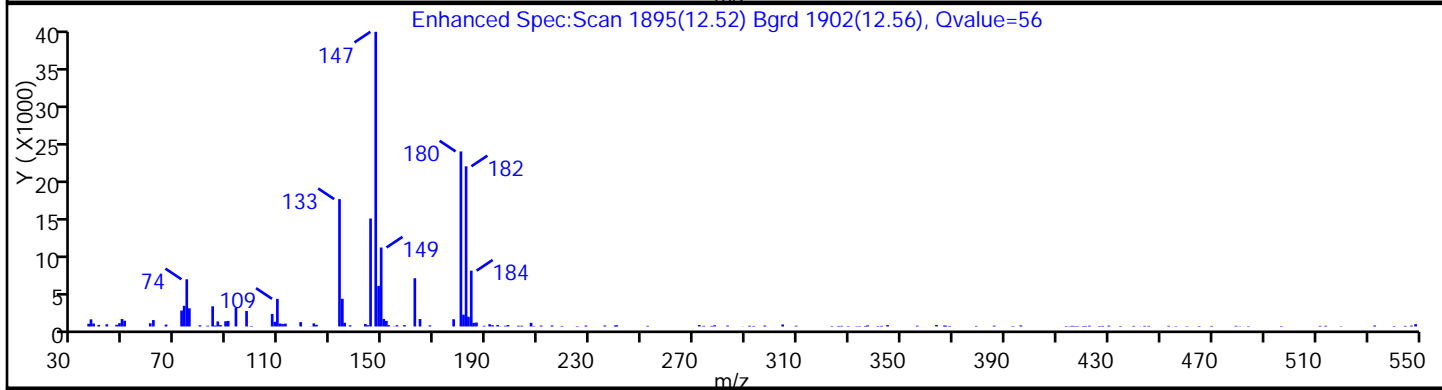
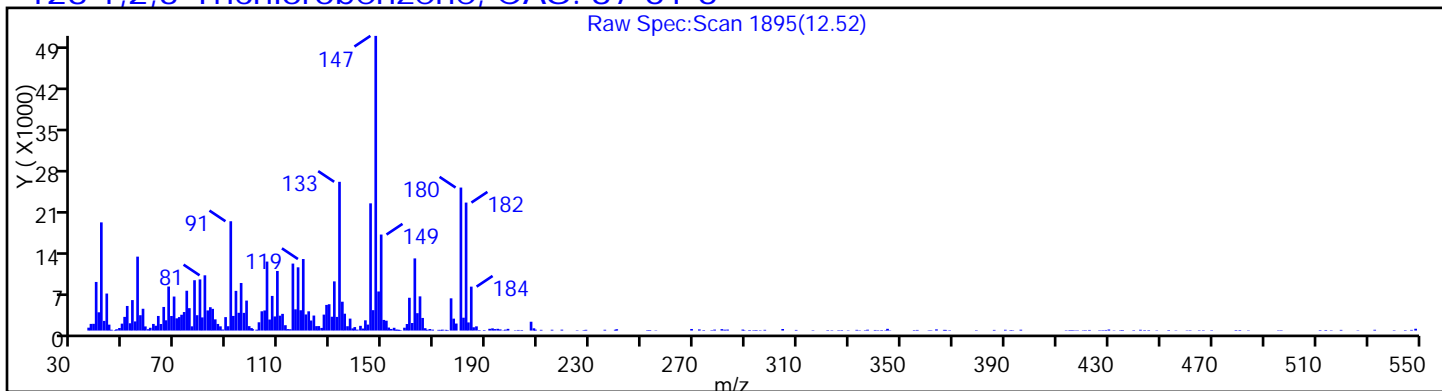
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

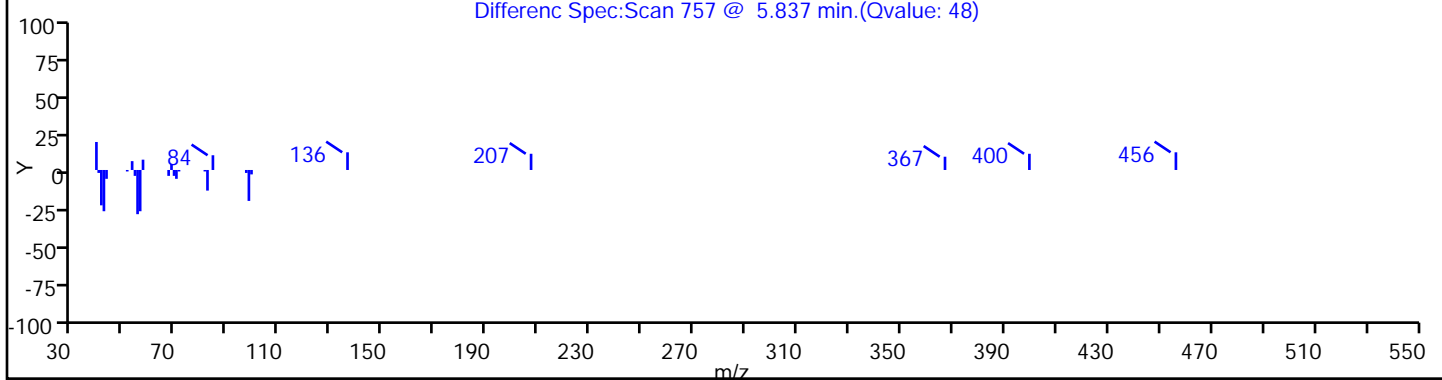
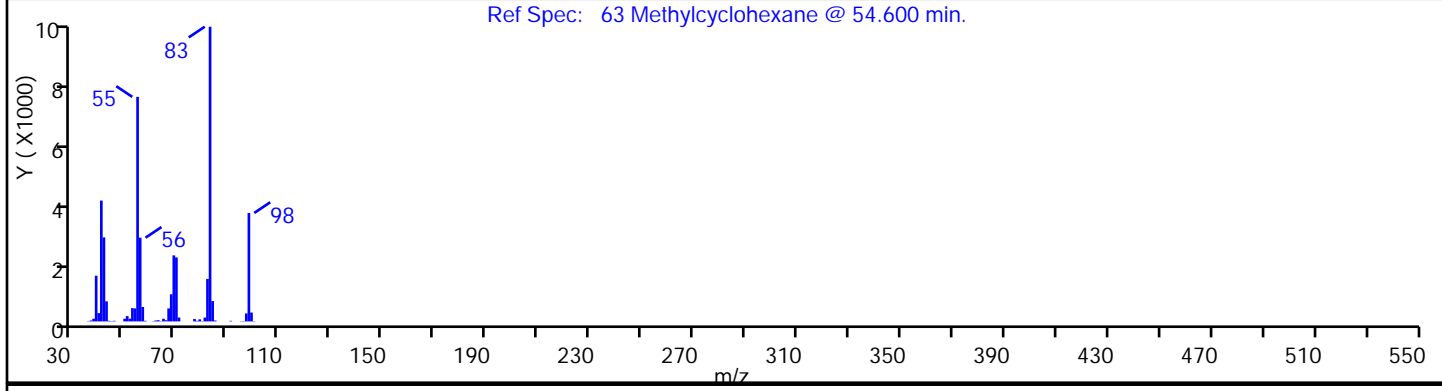
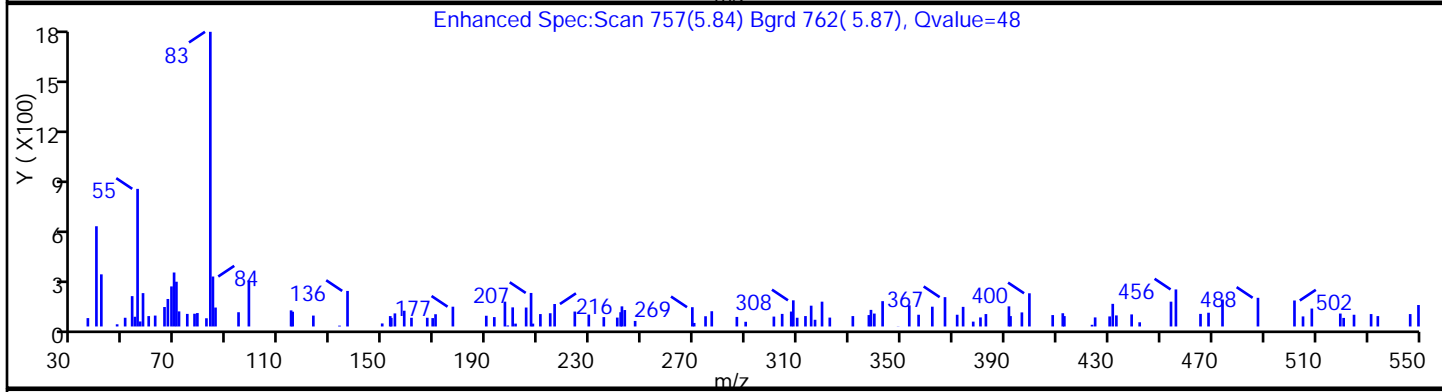
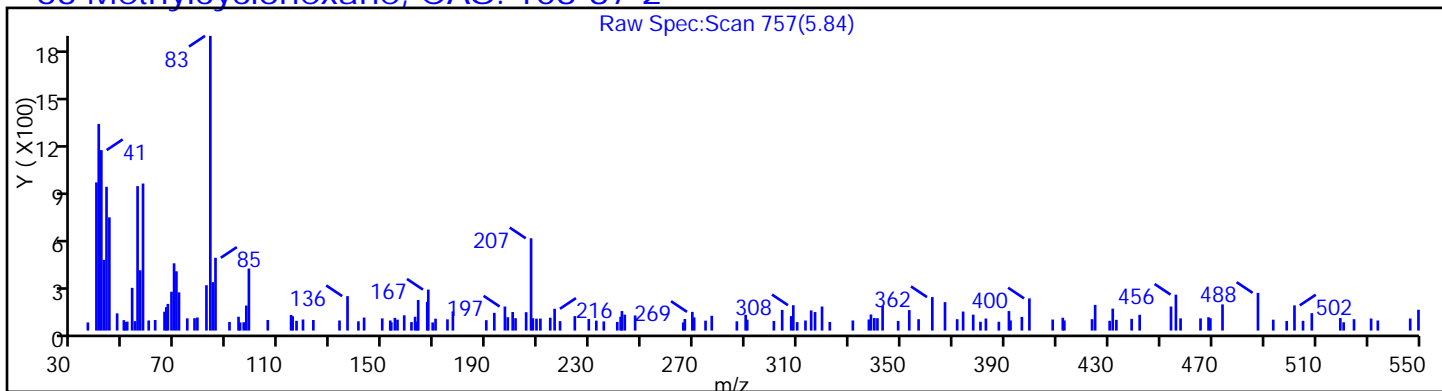
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

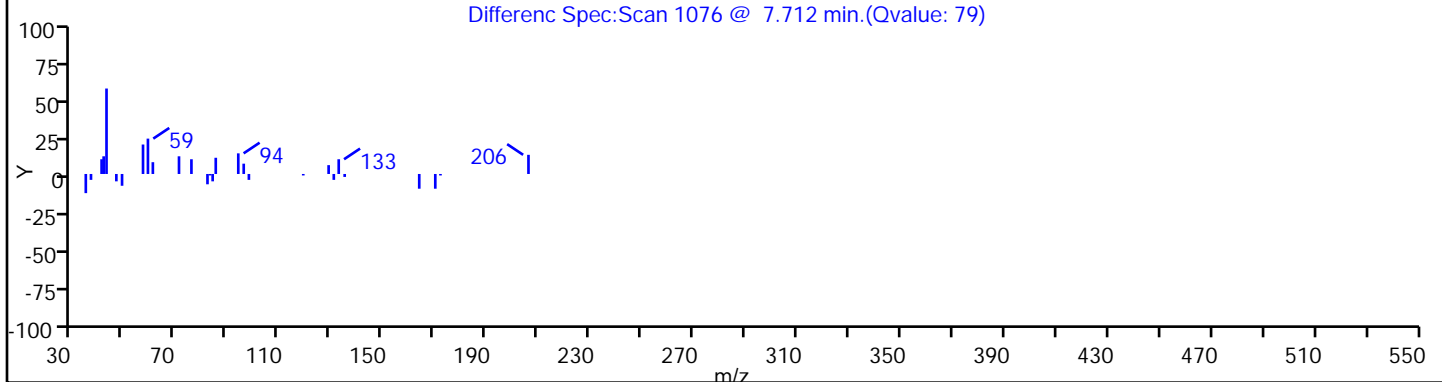
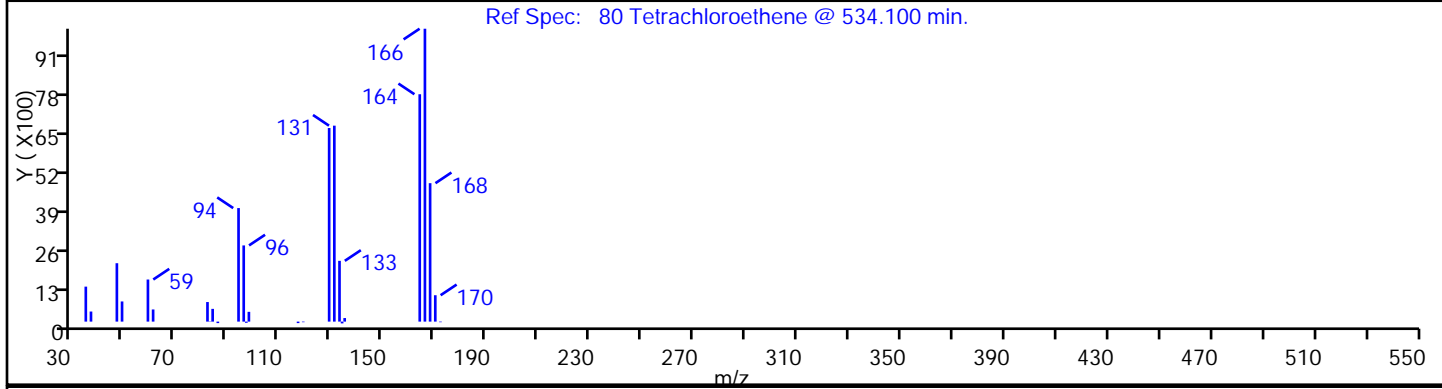
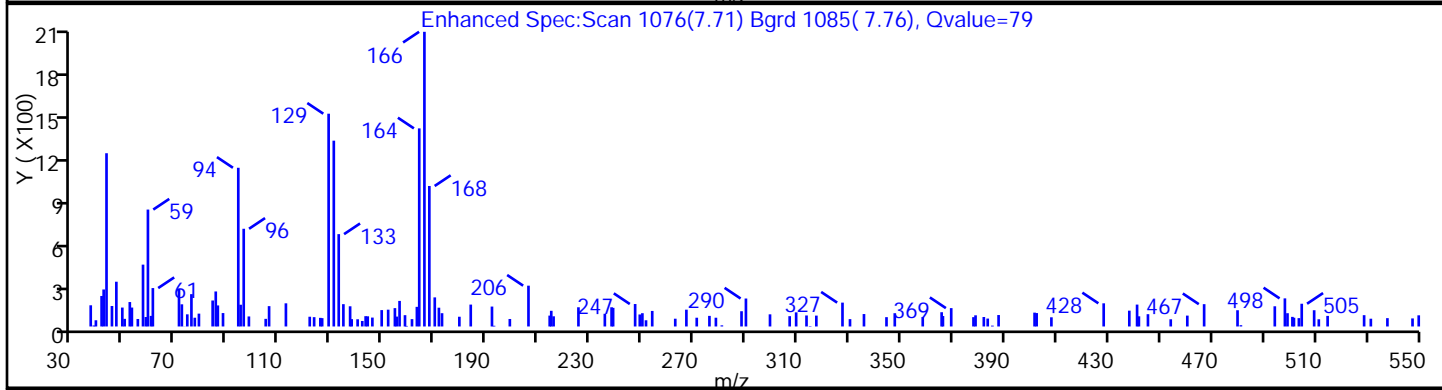
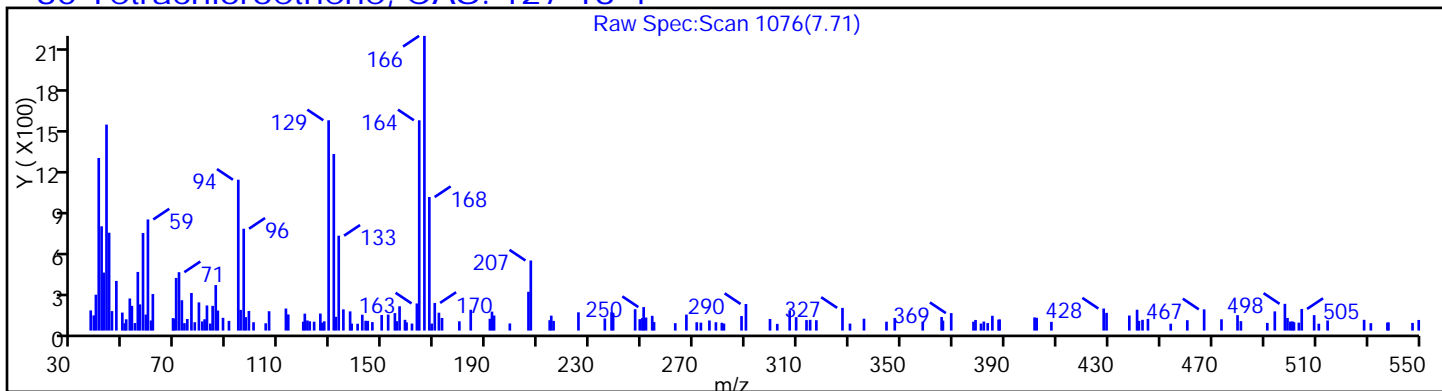
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

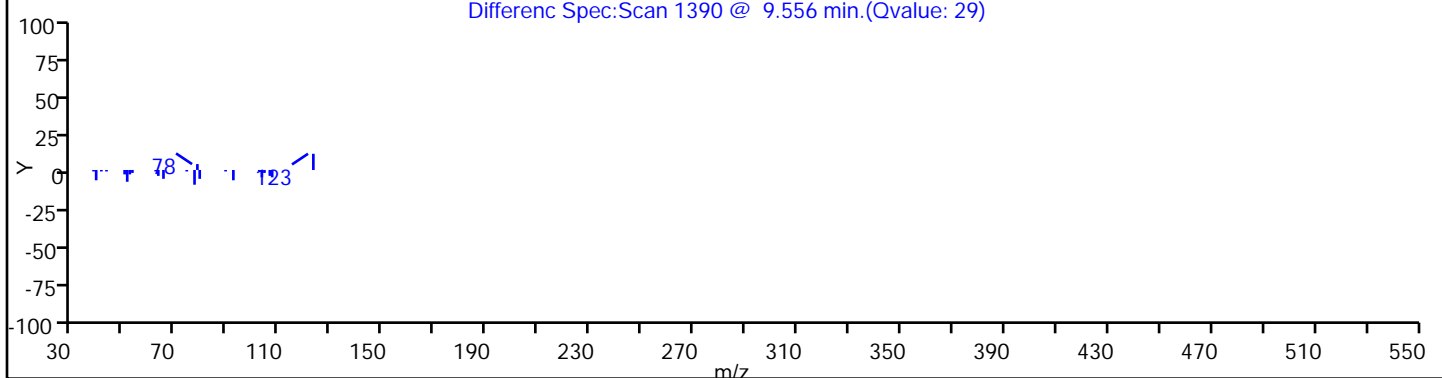
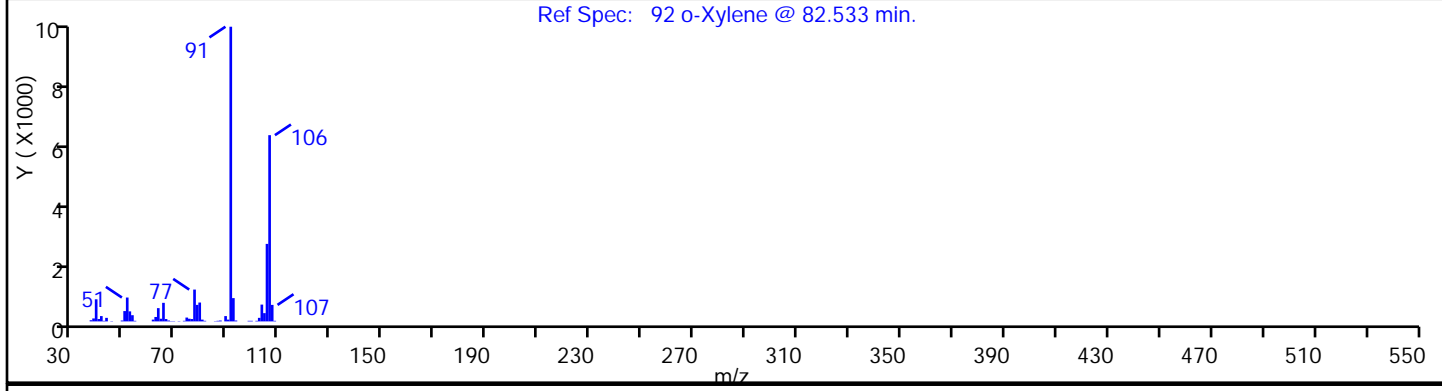
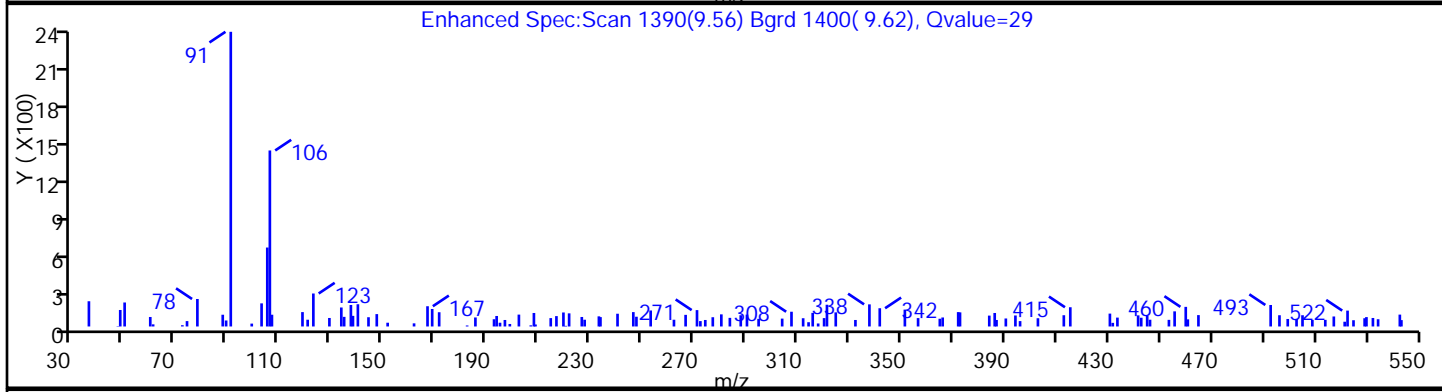
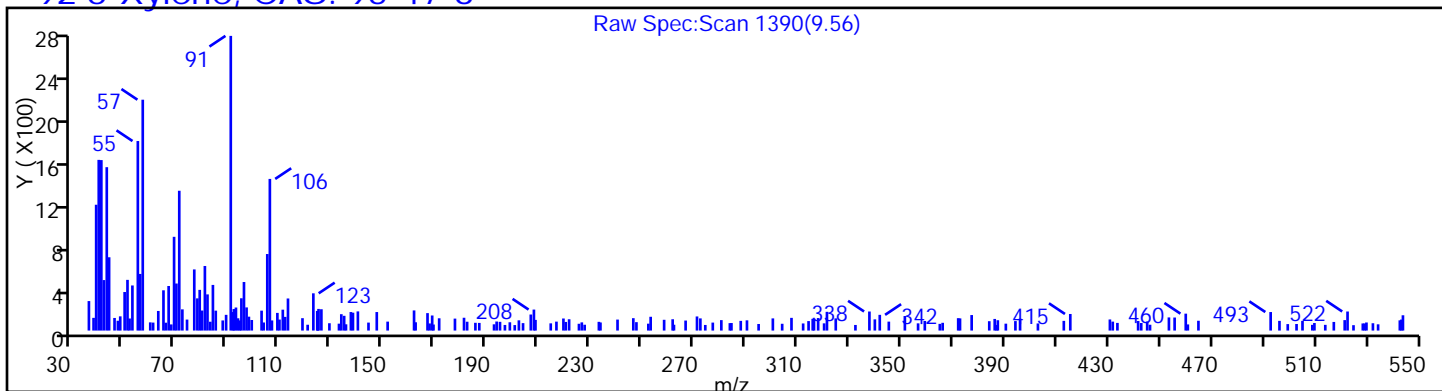
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

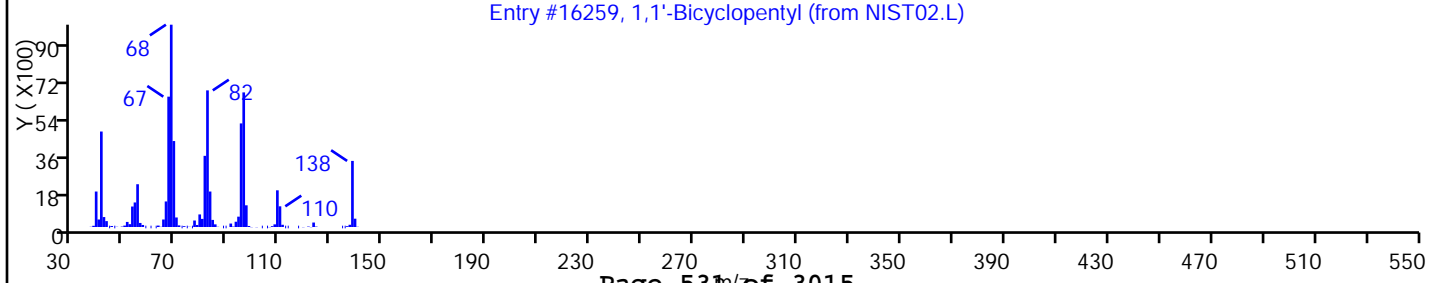
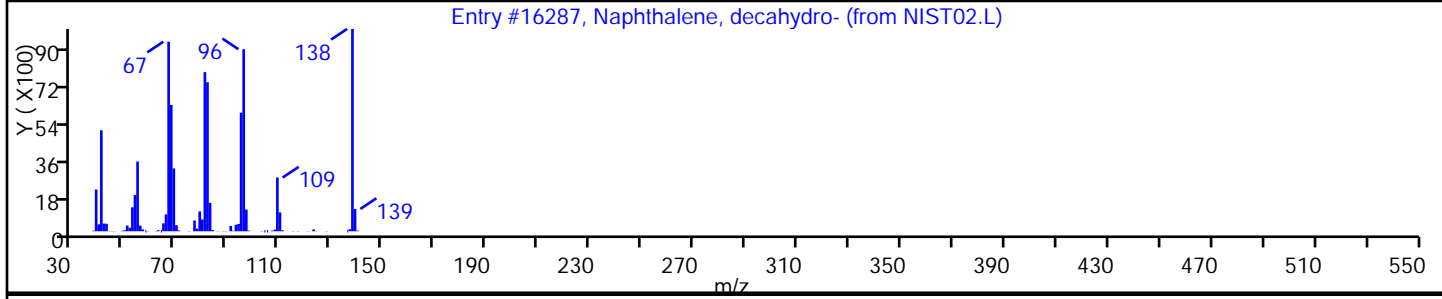
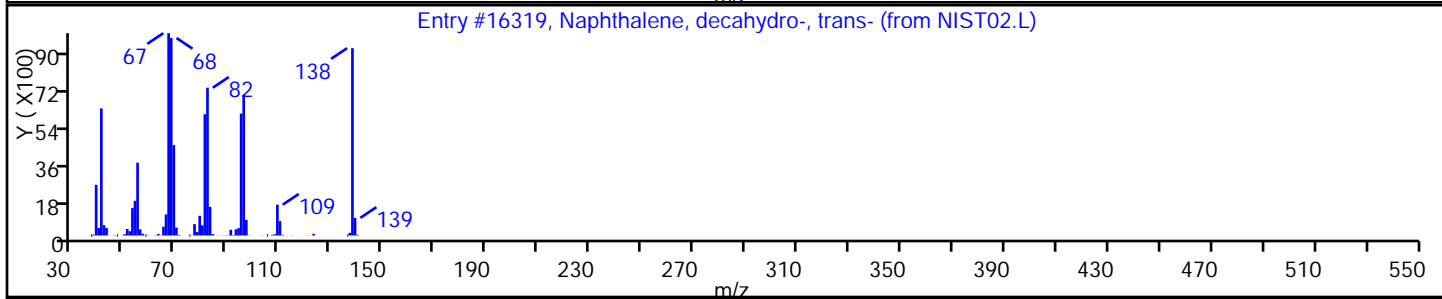
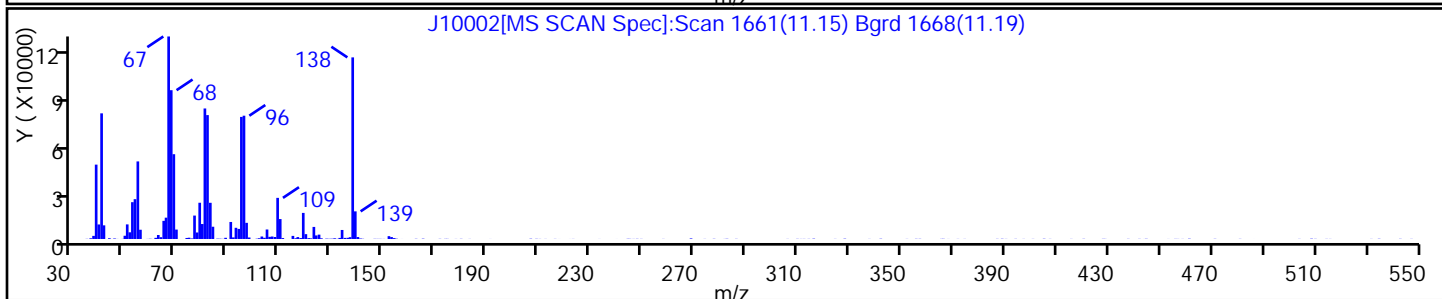
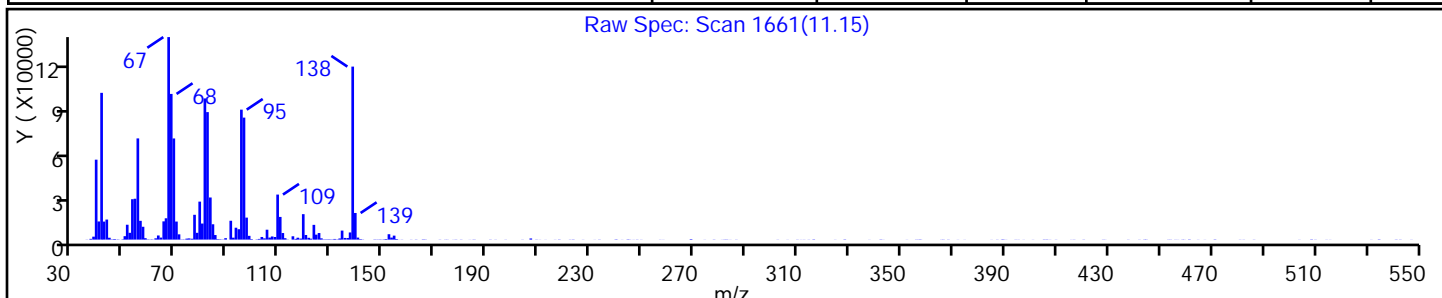
Method: 8260_W8

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	16287	C10H18	138	95
1,1'-Bicyclopentyl	1636-39-1	NIST02.L	16259	C10H18	138	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

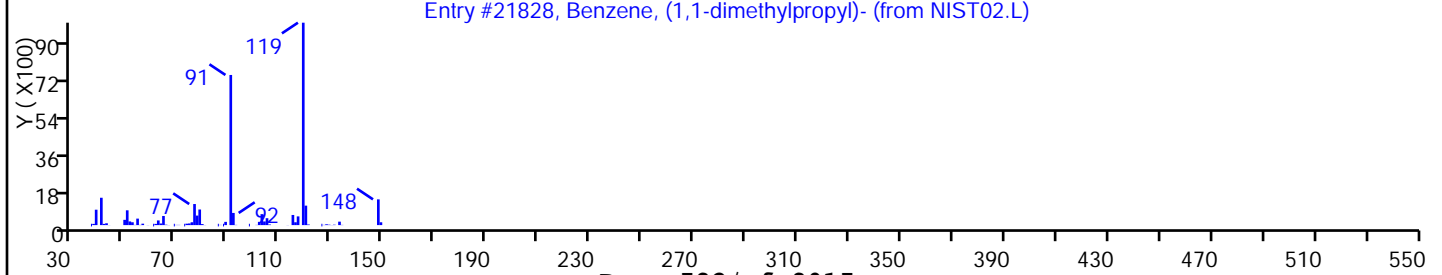
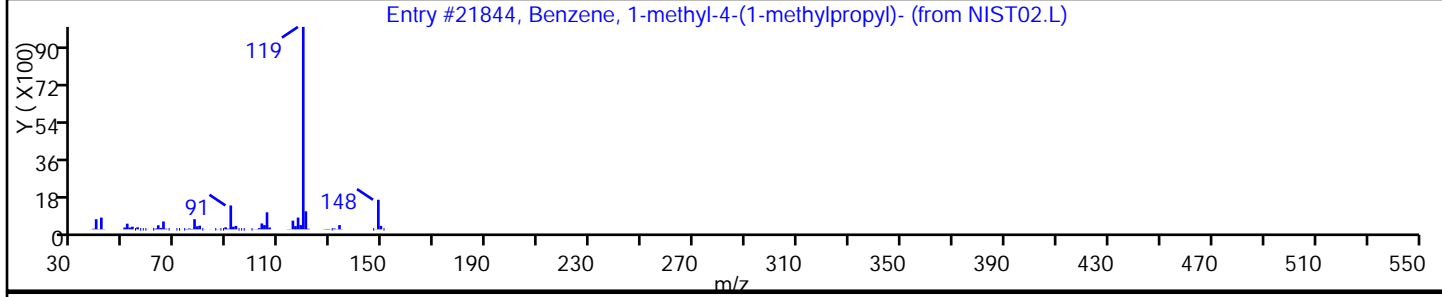
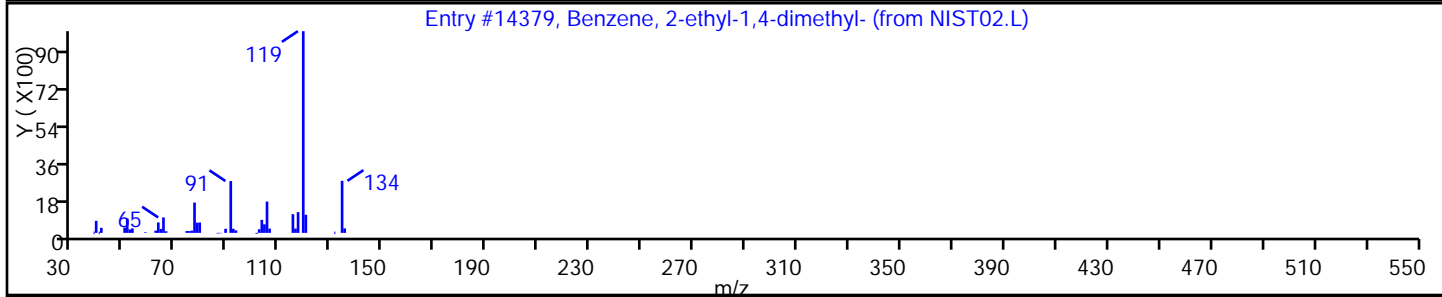
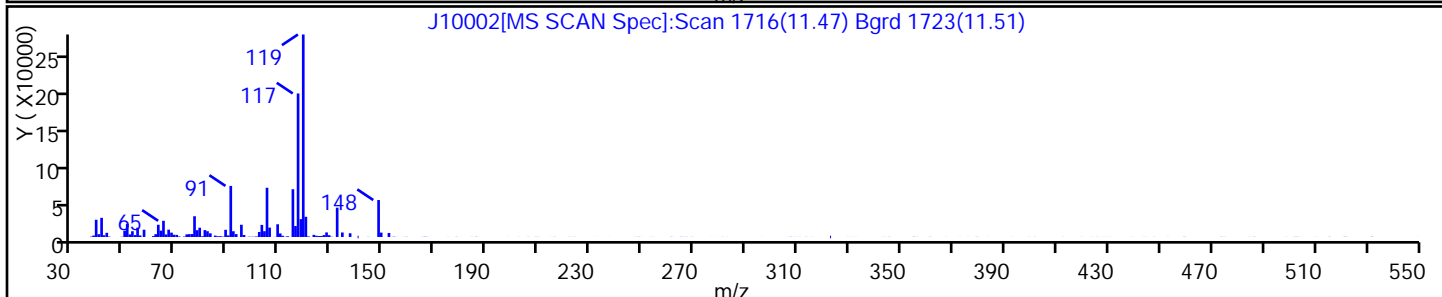
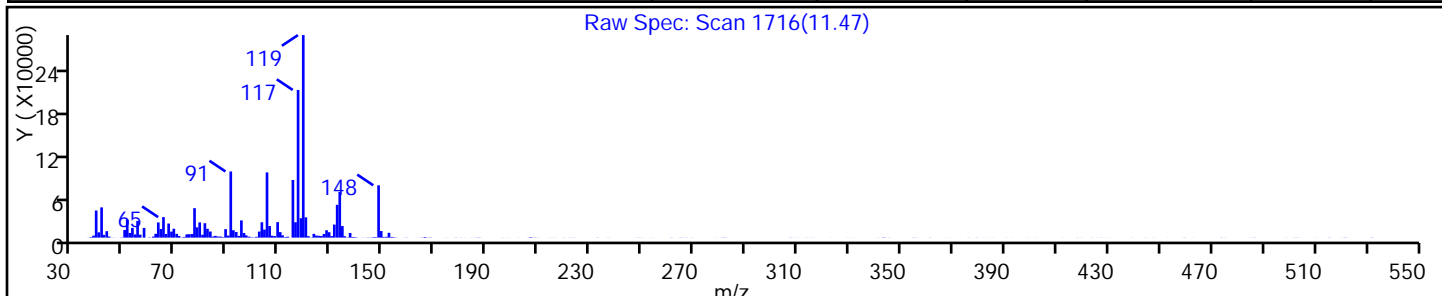
Method: 8260_W8

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	50
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	49
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21828	C11H16	148	46



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

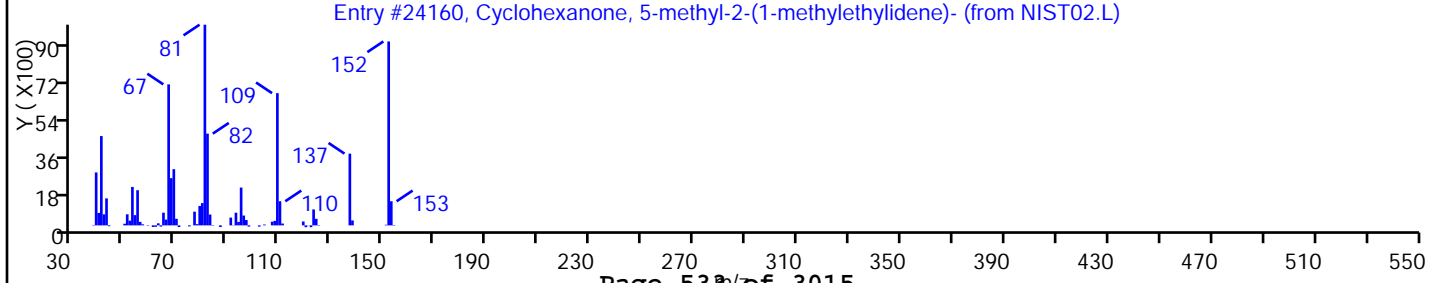
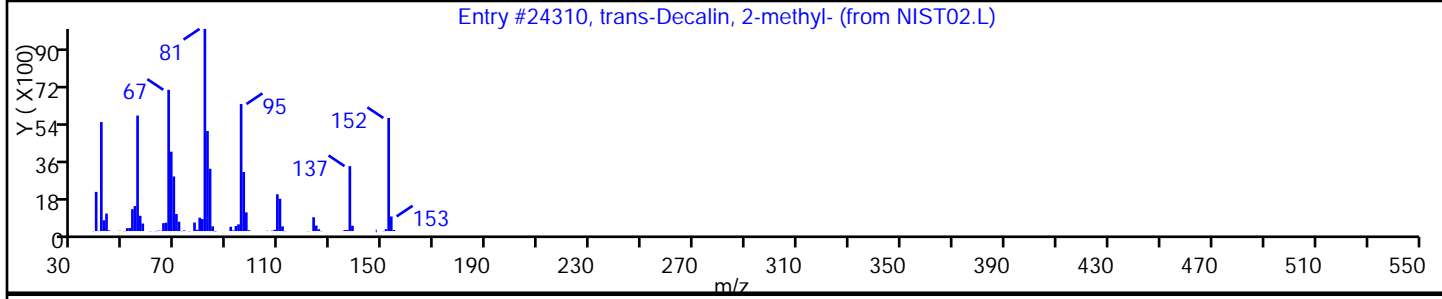
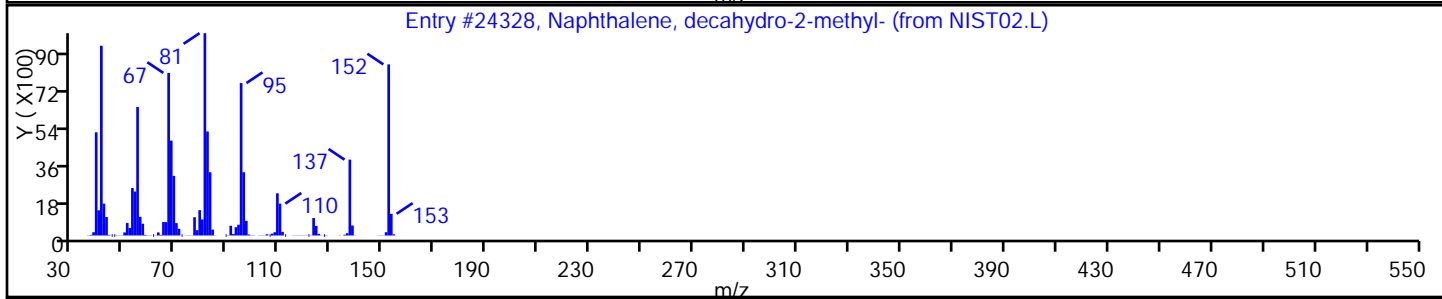
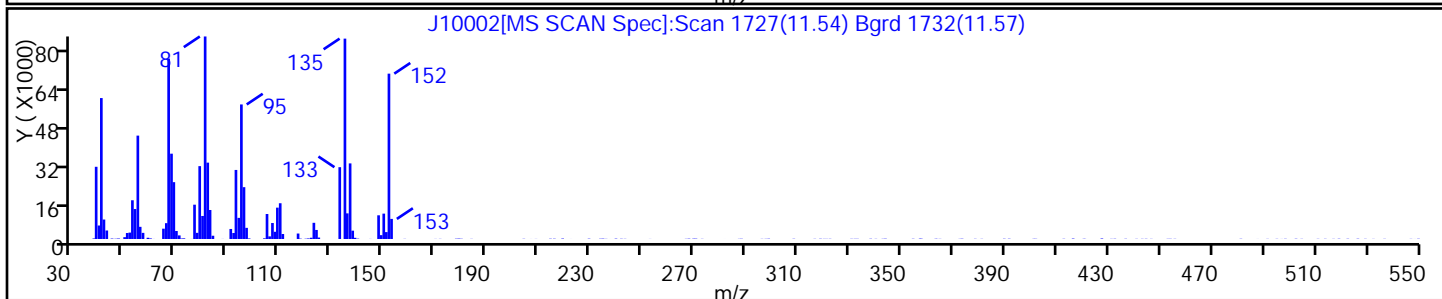
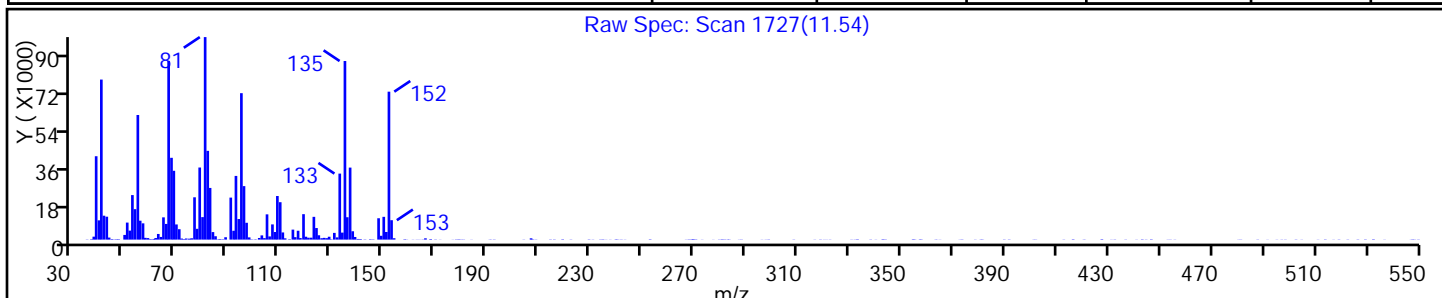
Method: 8260_W8

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	86
trans-Decalin, 2-methyl-	1000152-47	NIST02.L	24310	C11H20	152	76
Cyclohexanone, 5-methyl-2-(1-methylethyl)	15932-80-6	NIST02.L	24160	C10H16O	152	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

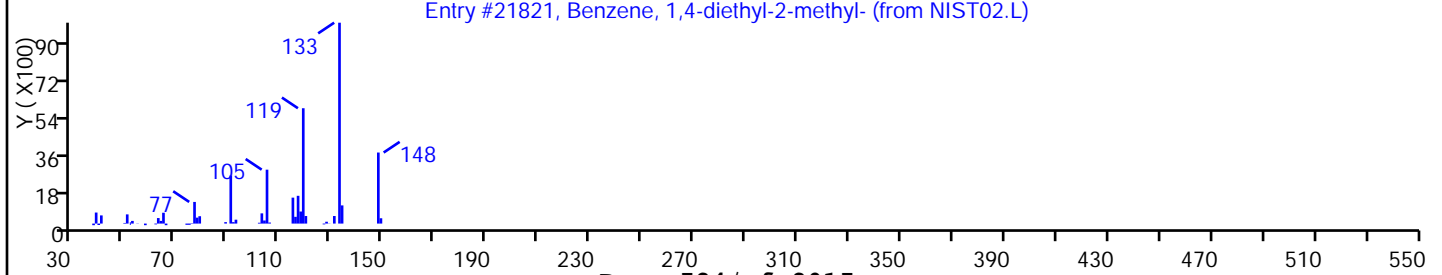
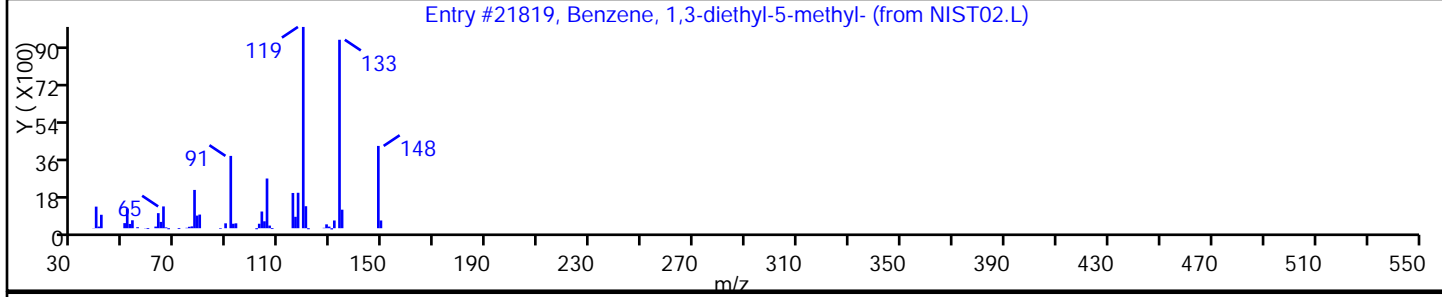
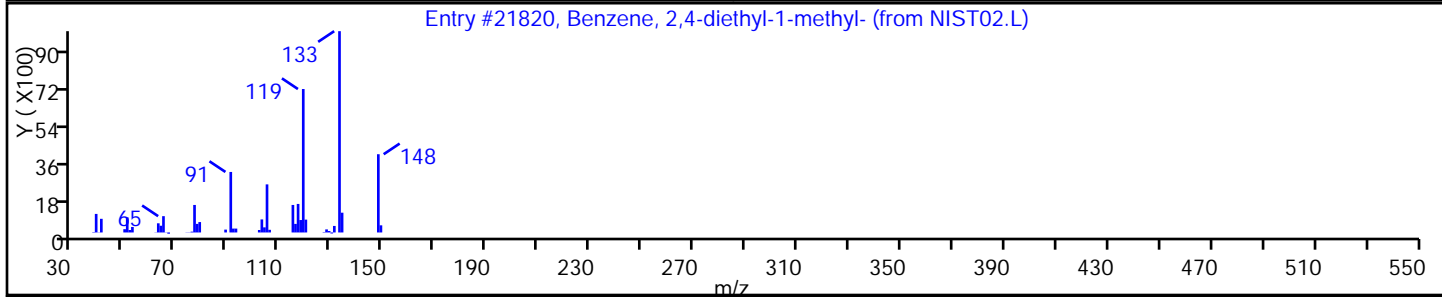
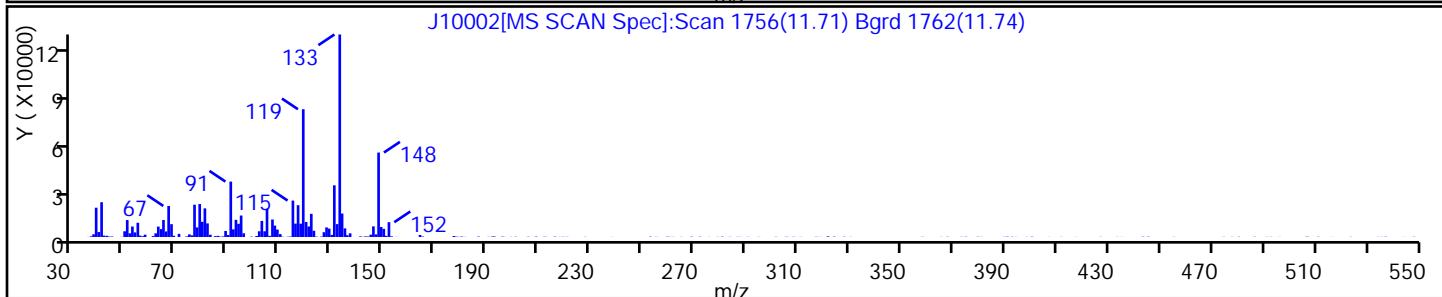
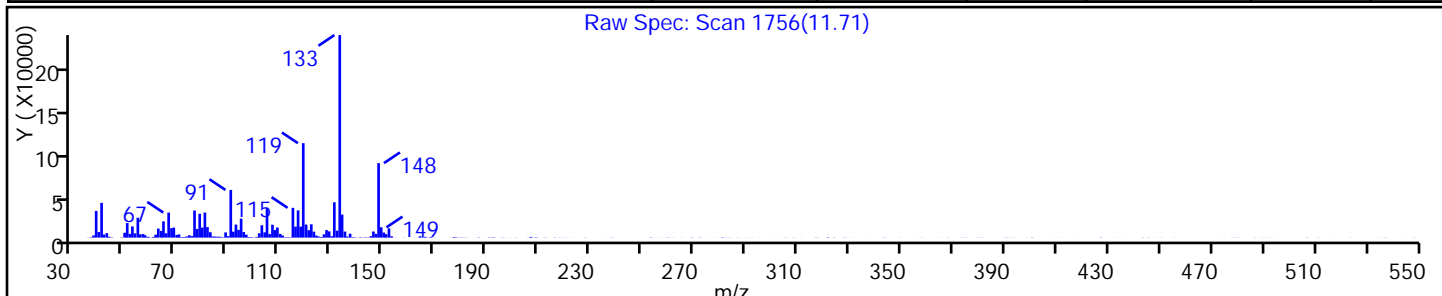
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	C11H16	148	90
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	90
Benzene, 1,4-diethyl-2-methyl-	13632-94-5	NIST02.L	21821	C11H16	148	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

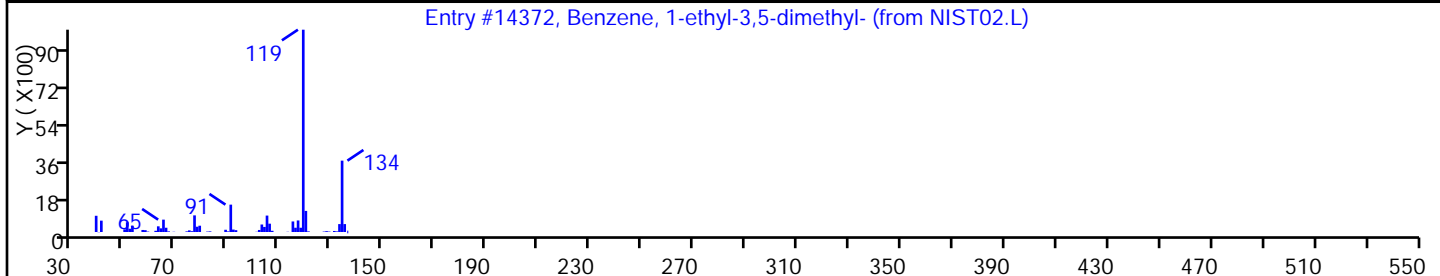
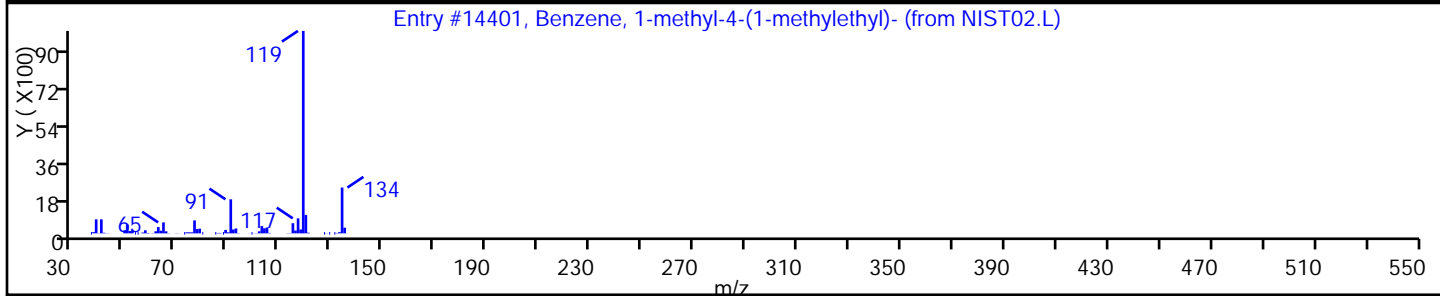
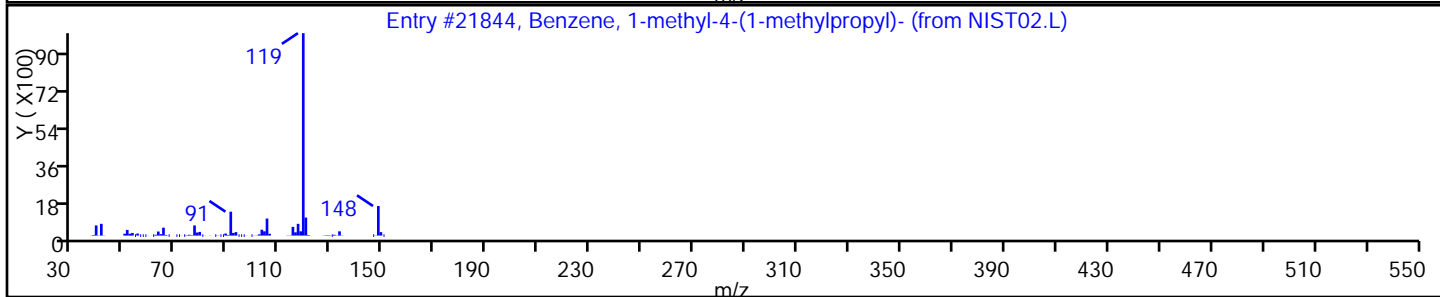
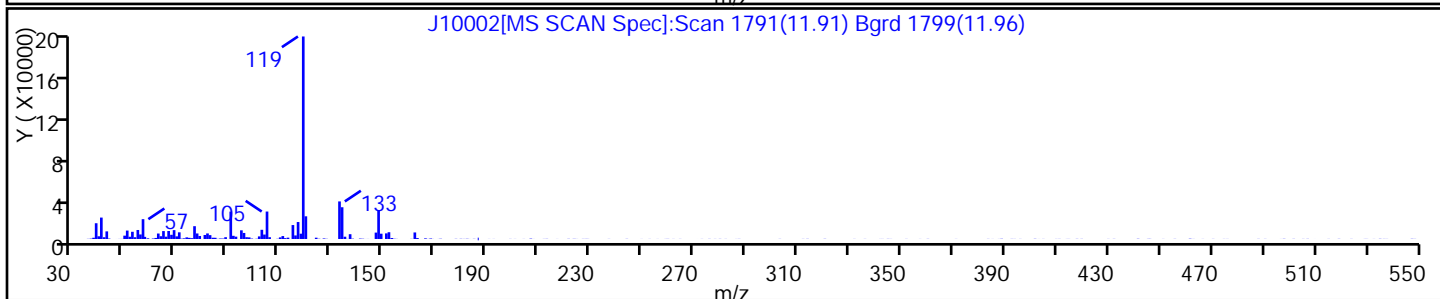
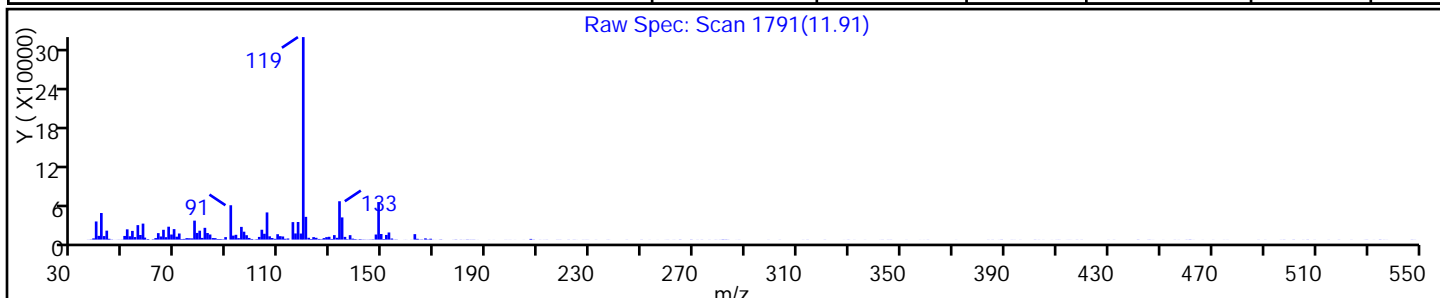
Method: 8260_W8

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	93
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	89
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14372	C10H14	134	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

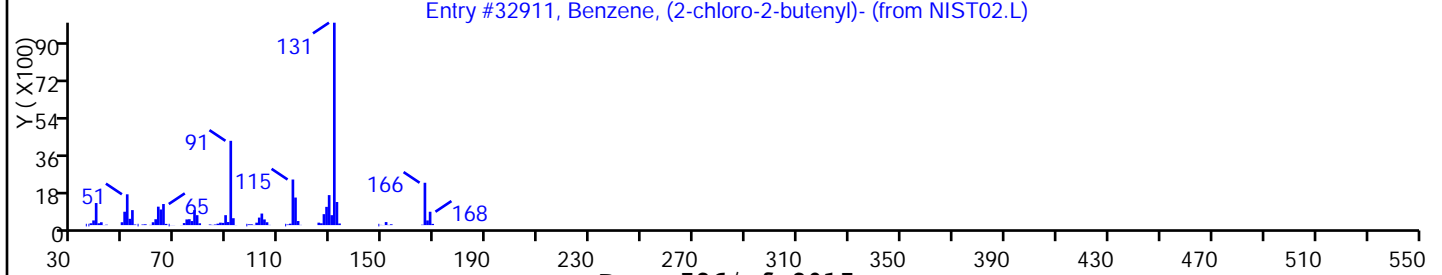
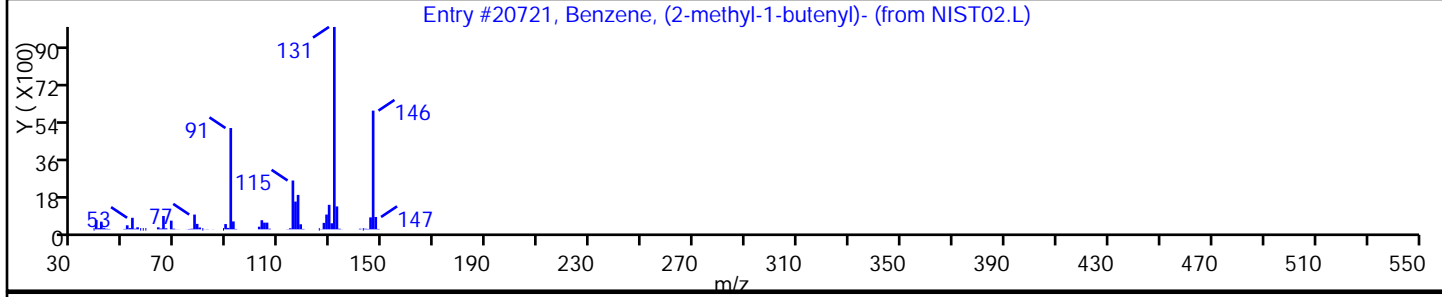
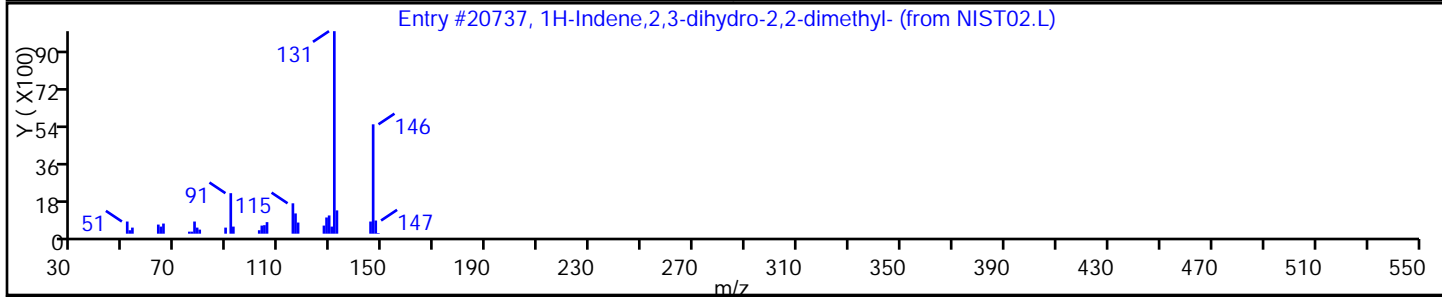
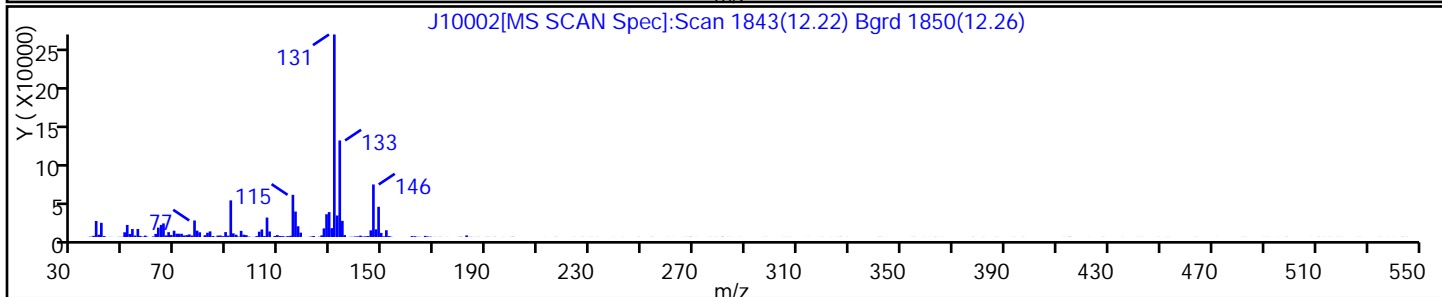
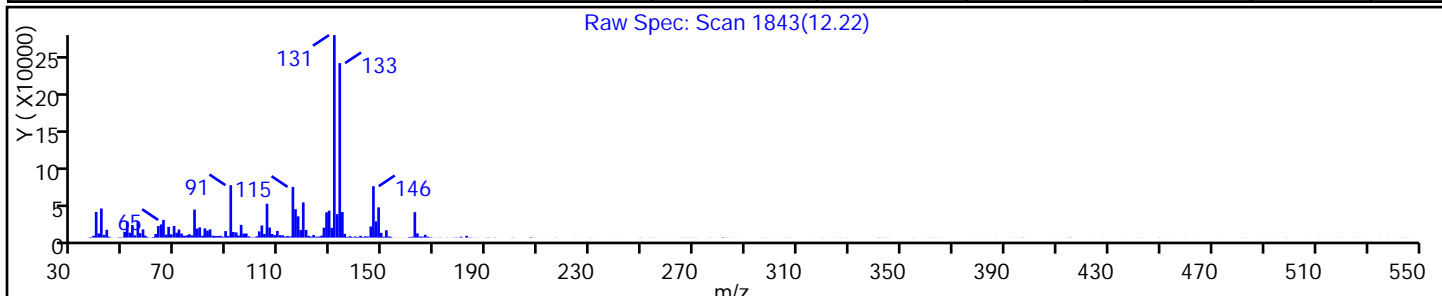
Method: 8260_W8

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-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	89
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	89
Benzene, (2-chloro-2-butenyl)-	54411-12-0	NIST02.L	32911	C10H11Cl	166	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

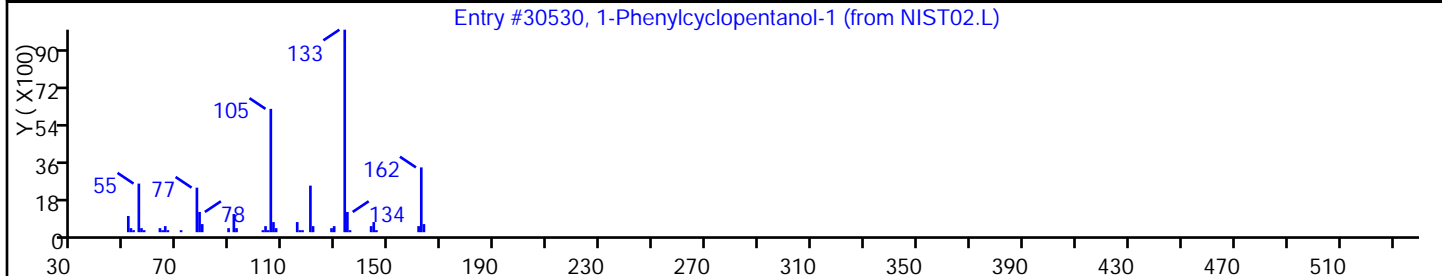
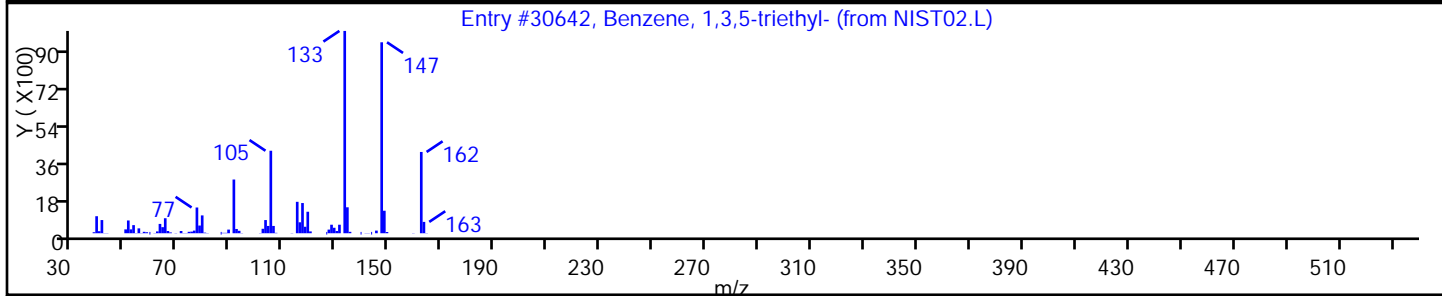
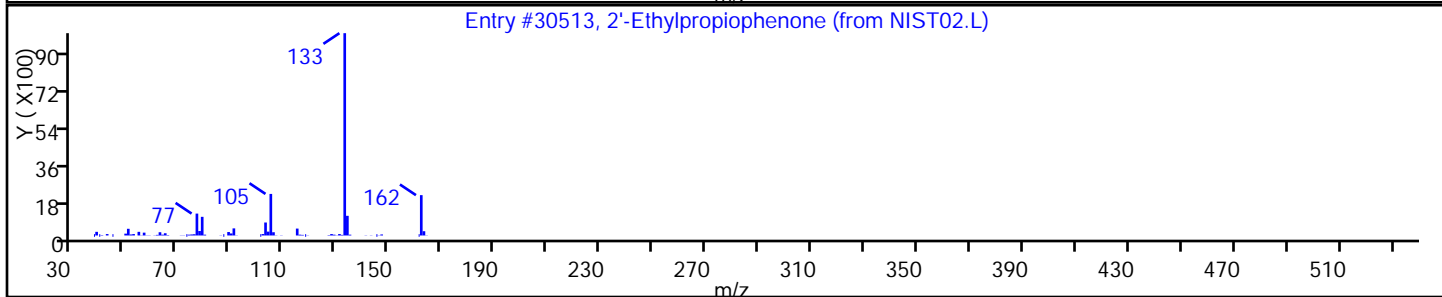
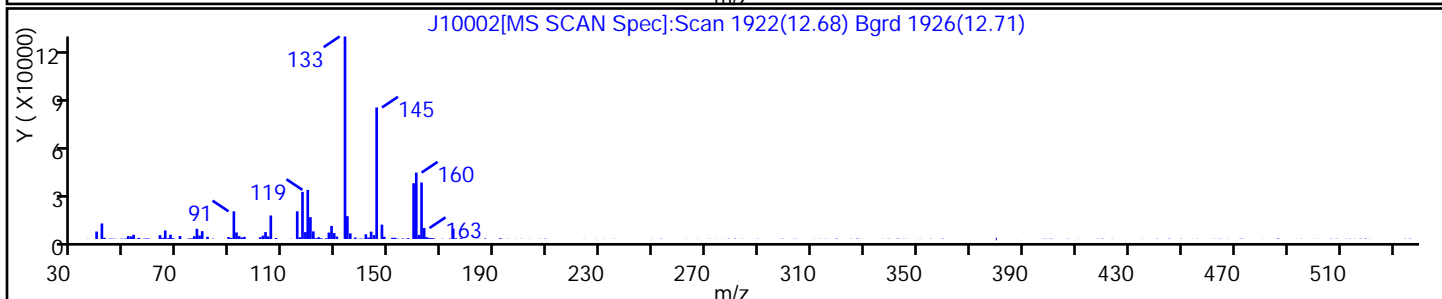
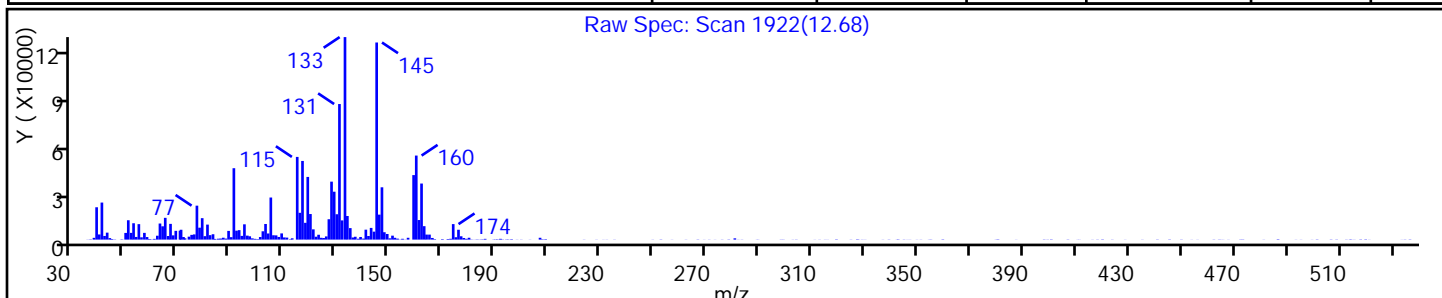
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2'-Ethylpropiophenone	16819-79-7	NIST02.L	30513	C11H14O	162	41
Benzene, 1,3,5-triethyl-	102-25-0	NIST02.L	30642	C12H18	162	38
1-Phenylcyclopentanol-1	10487-96-4	NIST02.L	30530	C11H14O	162	38



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

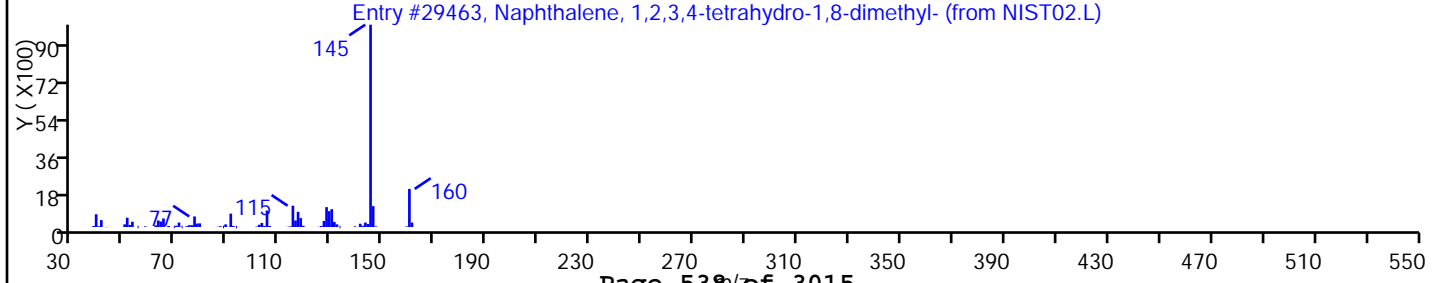
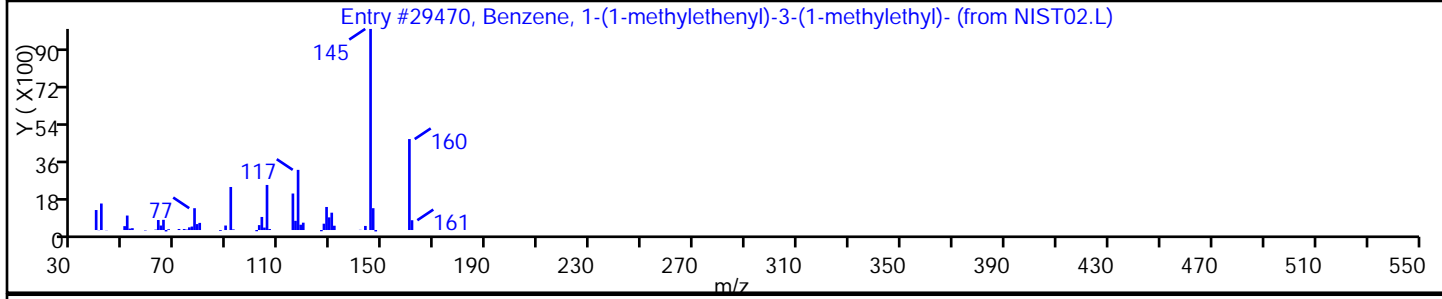
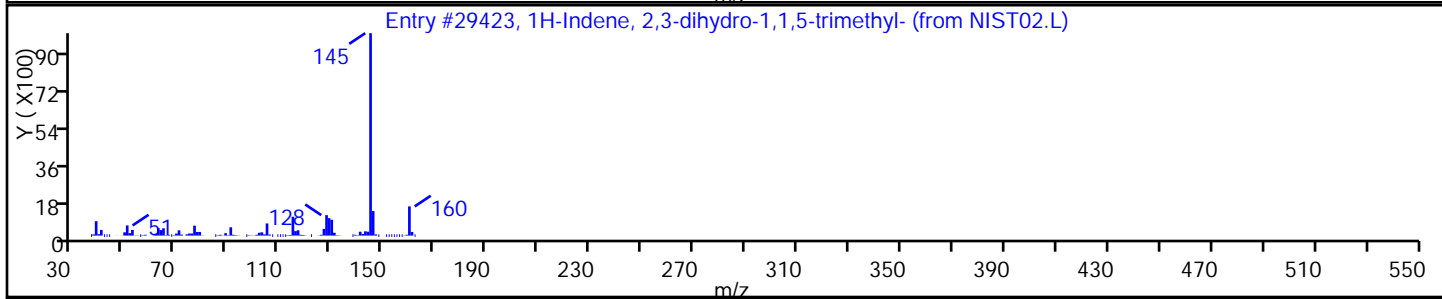
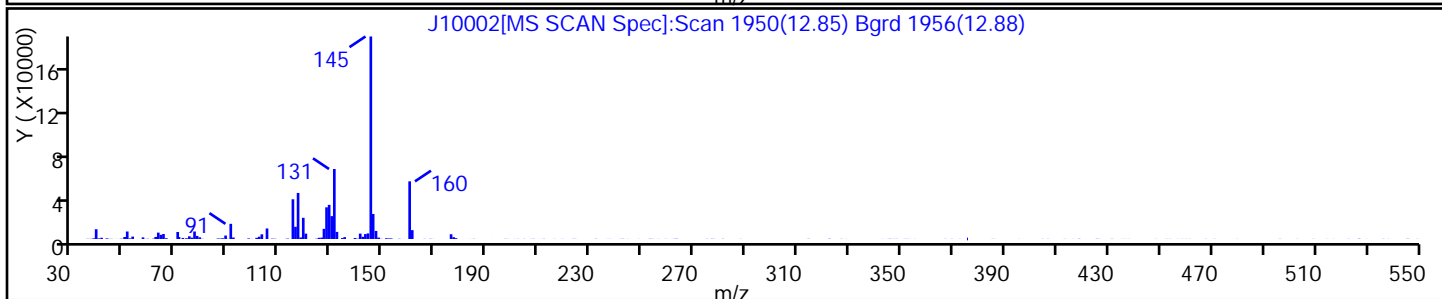
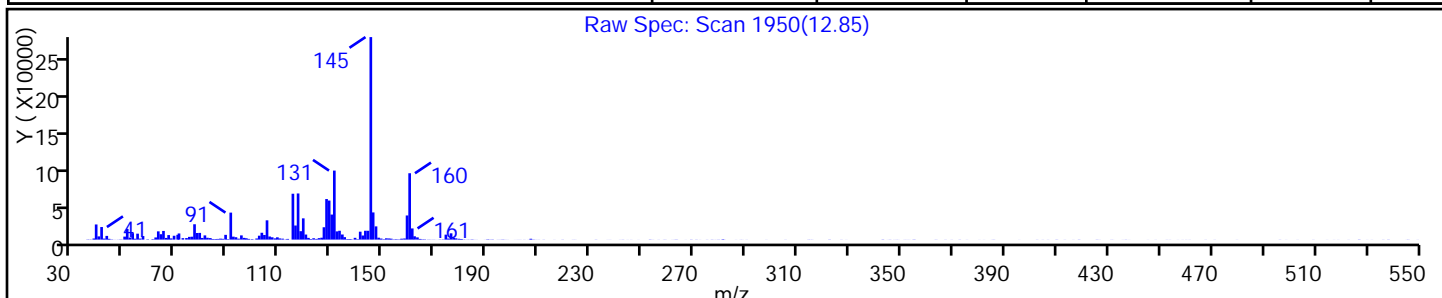
Method: 8260_W8

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-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	93
Benzene, 1-(1-methylethenyl)-3-(1-methyl	1129-29-9	NIST02.L	29470	C12H16	160	87
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

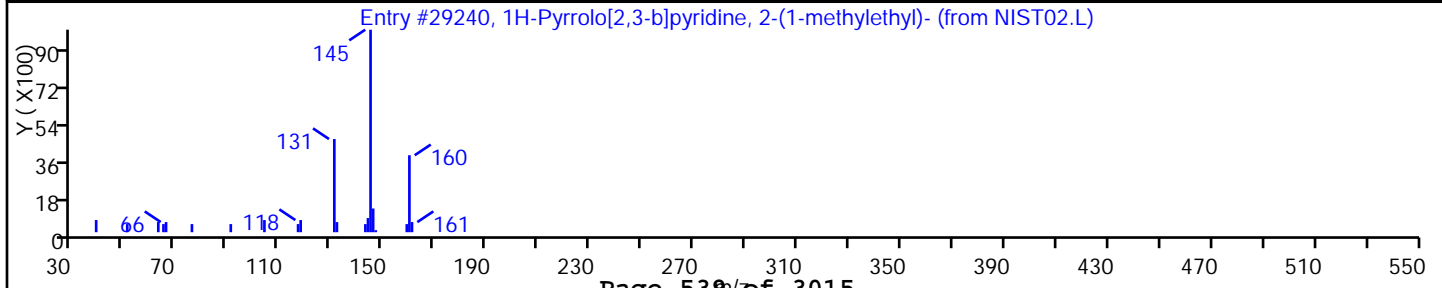
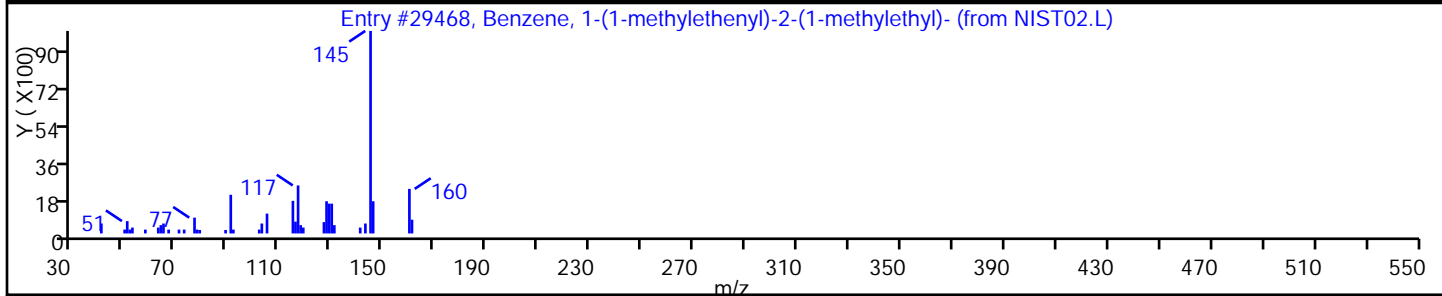
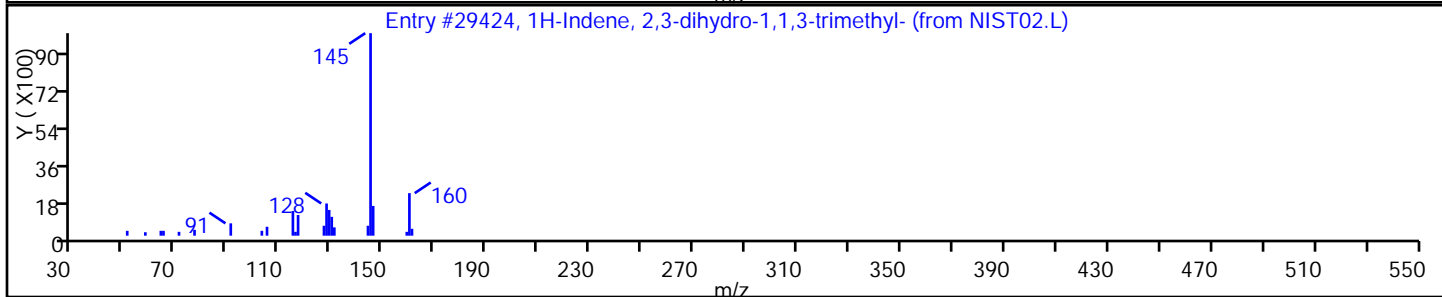
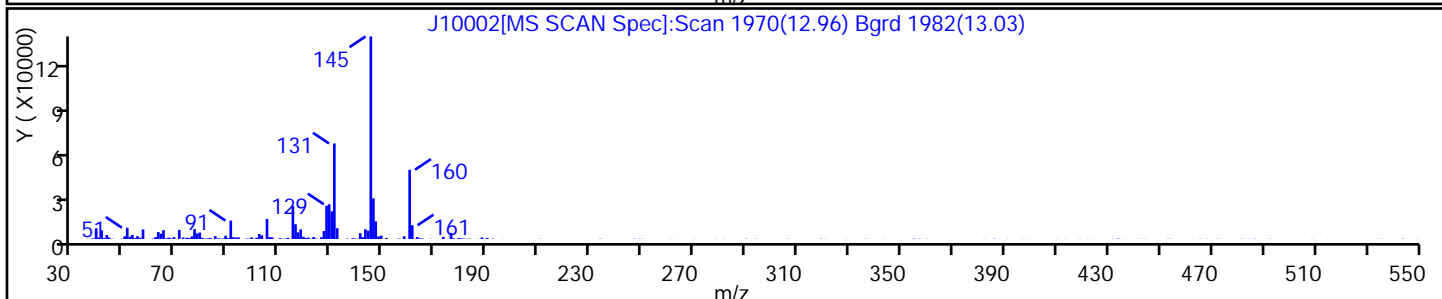
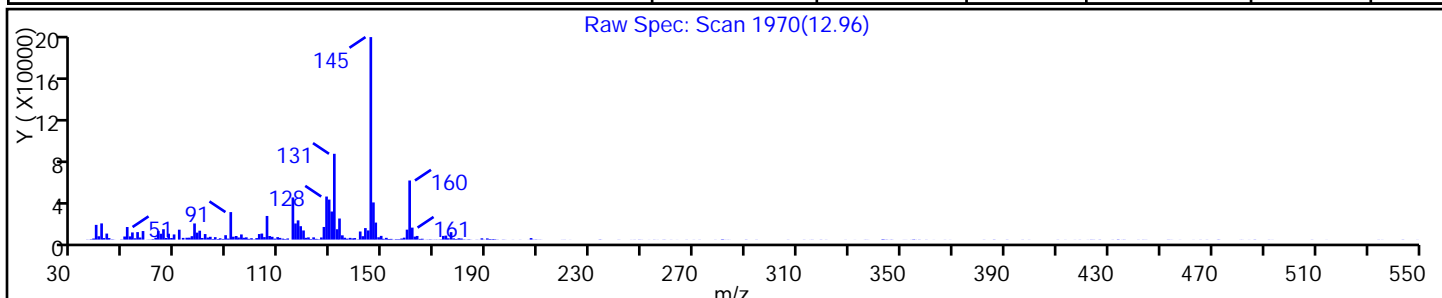
Method: 8260_W8

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	29424	C12H16	160	76
Benzene, 1-(1-methylethenyl)-2-(1-methyl	5557-93-7	NIST02.L	29468	C12H16	160	76
1H-Pyrrolo[2,3-b]pyridine, 2-(1-methylet	27257-18-7	NIST02.L	29240	C10H12N2	160	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10002.D

Injection Date: 14-Mar-2014 14:09:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

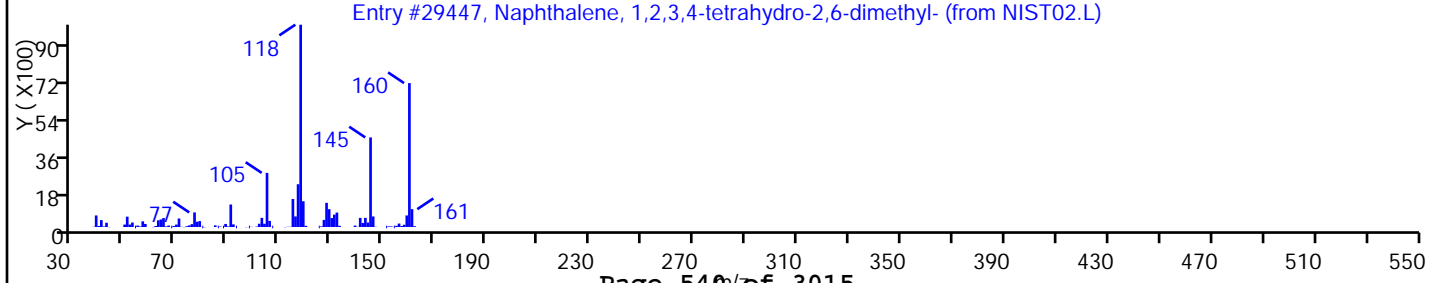
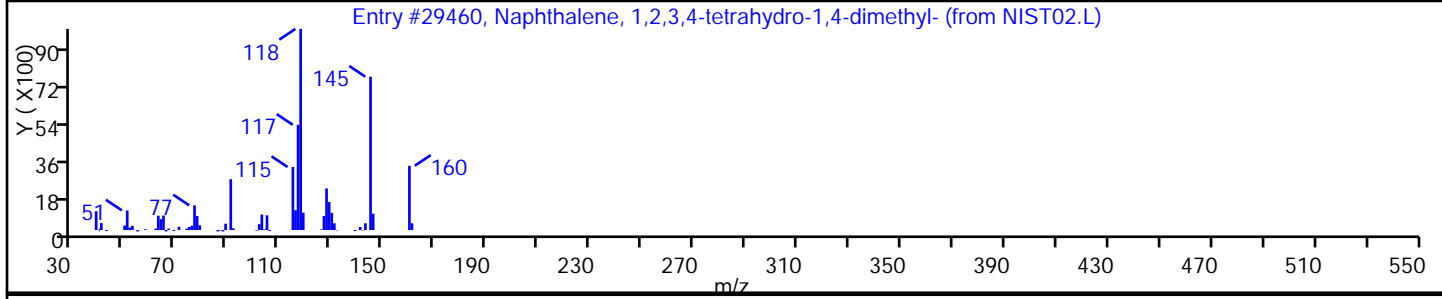
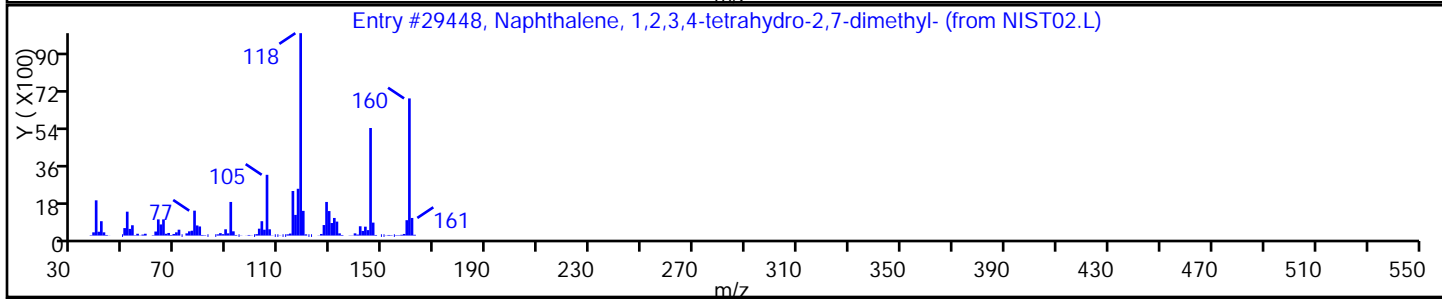
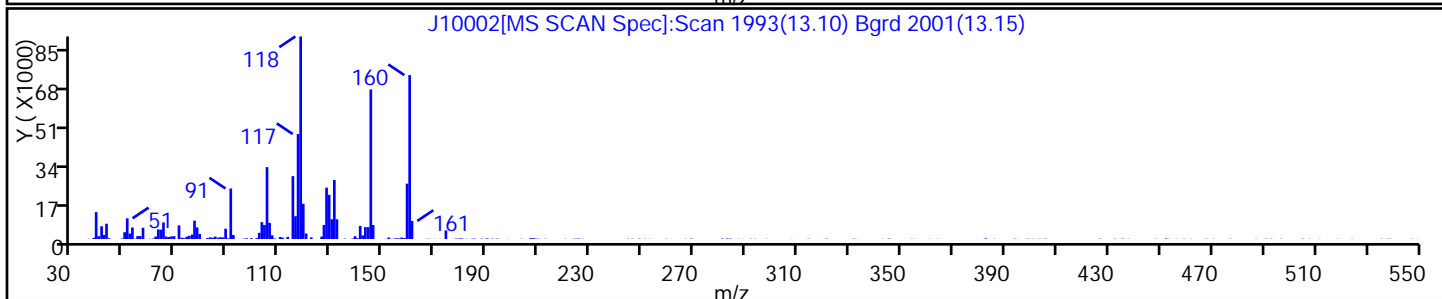
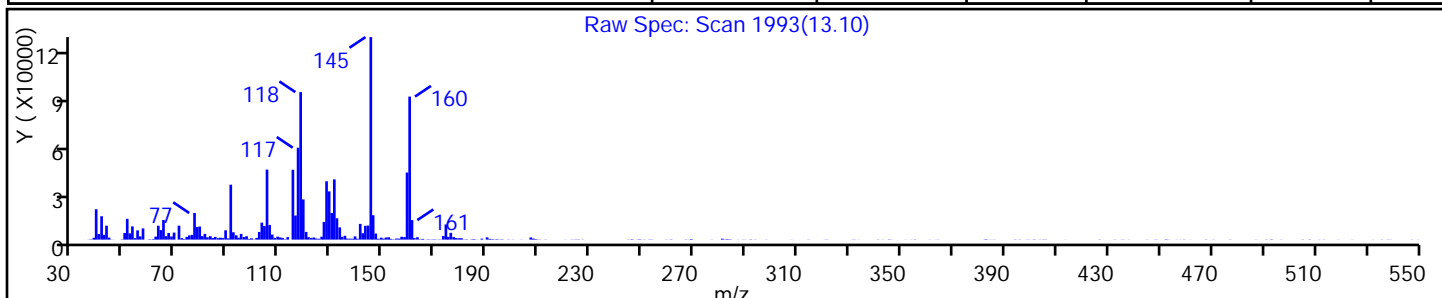
Method: 8260_W8

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	94
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	81
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: O84759.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:40
 Sample wt/vol: 5.911(g) Date Analyzed: 03/13/2014 22:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.7 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.16	U	0.99	0.16
74-83-9	Bromomethane	0.43	U	0.99	0.43
75-01-4	Vinyl chloride	0.34	U	0.99	0.34
75-00-3	Chloroethane	0.33	U	0.99	0.33
75-09-2	Methylene Chloride	0.73	J	0.99	0.15
67-64-1	Acetone	9.6	B	5.0	1.7
75-15-0	Carbon disulfide	0.55	J	0.99	0.15
75-69-4	Trichlorofluoromethane	0.16	U	0.99	0.16
75-35-4	1,1-Dichloroethene	0.19	U	0.99	0.19
75-34-3	1,1-Dichloroethane	0.11	U	0.99	0.11
156-60-5	trans-1,2-Dichloroethene	0.13	U	0.99	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.99	0.11
67-66-3	Chloroform	1.2		0.99	0.24
78-93-3	2-Butanone	0.62	U	5.0	0.62
107-06-2	1,2-Dichloroethane	0.18	U	0.99	0.18
71-55-6	1,1,1-Trichloroethane	0.13	U	0.99	0.13
56-23-5	Carbon tetrachloride	0.15	U	0.99	0.15
71-43-2	Benzene	0.15	U	0.99	0.15
75-25-2	Bromoform	0.17	U	0.99	0.17
100-42-5	Styrene	0.28	U	0.99	0.28
100-41-4	Ethylbenzene	0.17	U	0.99	0.17
108-90-7	Chlorobenzene	0.18	U	0.99	0.18
110-82-7	Cyclohexane	0.13	U	0.99	0.13
98-82-8	Isopropylbenzene	0.11	U	0.99	0.11
591-78-6	2-Hexanone	0.13	U	5.0	0.13
1634-04-4	MTBE	0.11	U	0.99	0.11
76-13-1	Freon TF	0.11	U	0.99	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	0.18	J	0.99	0.12
108-88-3	Toluene	0.15	J	0.99	0.14
10061-02-6	trans-1,3-Dichloropropene	0.099	U	0.99	0.099
108-10-1	4-Methyl-2-pentanone	0.20	U	5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.99	0.14
95-50-1	1,2-Dichlorobenzene	0.099	U	0.99	0.099
541-73-1	1,3-Dichlorobenzene	0.16	U	0.99	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: O84759.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:40
 Sample wt/vol: 5.911(g) Date Analyzed: 03/13/2014 22:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.7 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	0.99	0.11
120-82-1	1,2,4-Trichlorobenzene	3.0		0.99	0.19
87-61-6	1,2,3-Trichlorobenzene	6.7		0.99	0.16
78-87-5	1,2-Dichloropropane	0.15	U	0.99	0.15
108-87-2	Methylcyclohexane	0.16	J	0.99	0.099
127-18-4	Tetrachloroethene	0.21	J	0.99	0.12
1330-20-7	Xylenes, Total	0.66	U	2.0	0.66
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	0.99	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.089	U	0.99	0.089
79-00-5	1,1,2-Trichloroethane	0.14	U	0.99	0.14
124-48-1	Dibromochloromethane	0.099	U	0.99	0.099
106-93-4	1,2-Dibromoethane	0.15	U	0.99	0.15
75-71-8	Dichlorodifluoromethane	0.22	U	0.99	0.22
74-97-5	Bromochloromethane	0.11	U	0.99	0.11
75-27-4	Bromodichloromethane	0.32	U	0.99	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	96		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: O84759.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:40
 Sample wt/vol: 5.911(g) Date Analyzed: 03/13/2014 22:36
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.7 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 282

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-76-1	Naphthalene, decahydro-2-methyl-	12.14	23	J N
2958-75-0	1-Methyldecahydronaphthalene	12.38	22	J N
17301-23-4	Undecane, 2,6-dimethyl-	13.08	22	J N
	Unknown	13.43	36	J
629-50-5	Tridecane	13.81	34	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	13.91	21	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.38	33	J N
629-59-4	Tetradecane	14.52	40	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.92	28	J N
629-62-9	Pentadecane	15.14	23	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D
 Lims ID: 460-72180-A-4-A Lab Sample ID: 460-72180-4
 Client ID: PMP-15SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 22:36:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-4-A
 Misc. Info.: 460-0010824-010
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:48:47 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:46:30

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	76	19204	9.65	
21 Carbon disulfide	76	1.663	1.656	0.007	93	9473	0.5566	
25 Methylene Chloride	84	1.821	1.821	0.0	57	4270	0.7349	
* 151 TBA-d9 (IS)	65	1.850	1.864	-0.014	99	500513	1000.0	
47 Chloroform	83	2.895	2.895	0.0	89	11853	1.25	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	93	175126	46.6	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	93	174903	44.7	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	929288	50.0	
61 Trichloroethene	95	3.934	3.934	0.0	82	1097	0.1834	
63 Methylcyclohexane	83	4.099	4.099	0.0	79	1923	0.1648	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	95	36690	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	811821	44.1	
77 Toluene	91	5.331	5.331	0.0	60	4062	0.1489	
80 Tetrachloroethene	166	5.997	5.990	0.007	65	1177	0.2099	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	85	701915	50.0	
92 o-Xylene	106	8.124	8.117	0.007	78	3399	0.3012	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	238012	48.1	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	348553	50.0	
124 1,2,4-Trichlorobenzene	180	13.181	13.181	0.0	64	25147	3.03	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	30	51328	6.75	
S 131 Xylenes, Total	100				0		0.3012	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D
 Lims ID: 460-72180-A-4-A Lab Sample ID: 460-72180-4
 Client ID: PMP-15SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 22:36:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-4-A
 Misc. Info.: 460-0010824-010
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:48:47 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 08:46:30

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.143	2958-76-1 Naphthalene, decahydro-2-methyl-1089895	23.6	116	91	24328	C11H20	152	
12.379	2958-75-0 1-Methyldecahydronaphthalene 1036102	22.4	116	98	24317	C11H20	152	
13.081	17301-23-4 Undecane, 2,6-dimethyl-1004214	21.7	116	94	45593	C13H28	184	
13.425	Unknown 1670550	36.1	116					
13.812	629-50-5 Tridecane 1591597	34.4	116	87	45540	C13H28	184	
13.912	56253-64-6 Benzene, (2-methyl-1-butenyl)-972027	21.0	116	55	20721	C11H14	146	
14.378	3891-98-3 Dodecane, 2,6,10-trimethyl-1518121	32.8	116	72	64585	C15H32	212	
14.521	629-59-4 Tetradecane 1854085	40.1	116	90	55008	C14H30	198	
14.922	638-36-8 Hexadecane, 2,6,10,14-tetramethyl-1303682	28.2	116	83	107670	C20H42	282	
15.144	629-62-9 Pentadecane 1086666	23.5	116	94	64571	C15H32	212	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	2313557	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Worklist Smp#: 10

Client ID: PMP-15SW-SI

Purge Vol: 5.000 mL

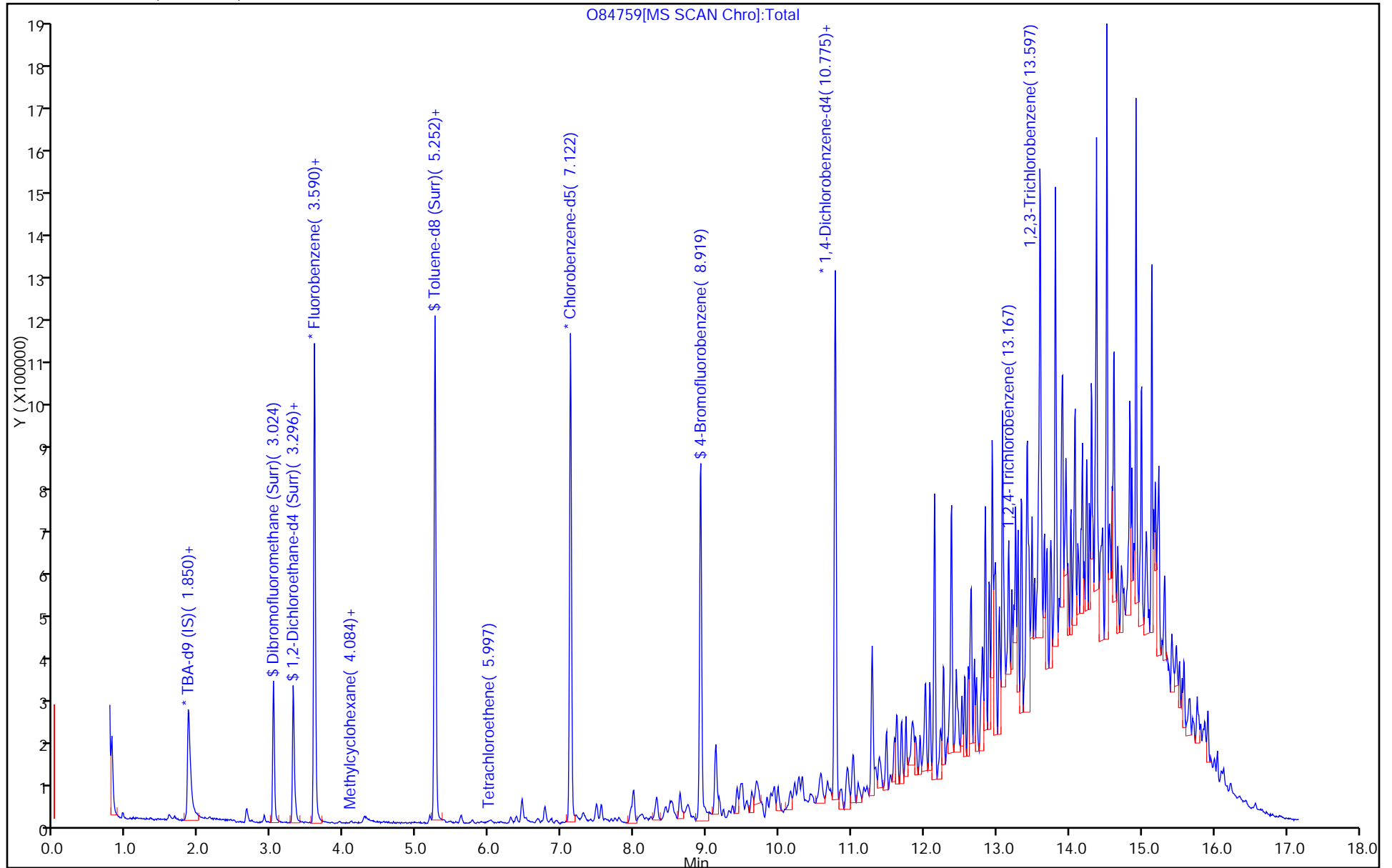
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

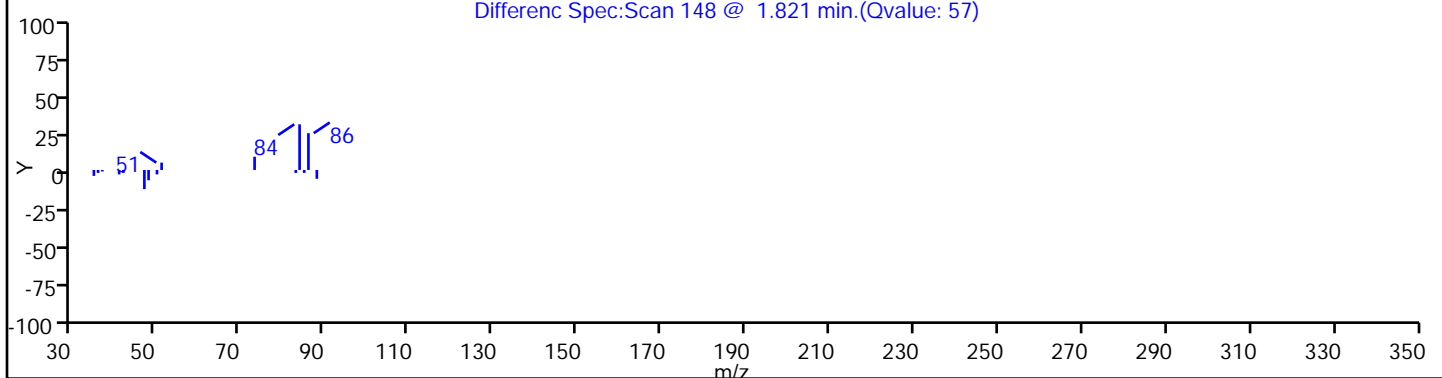
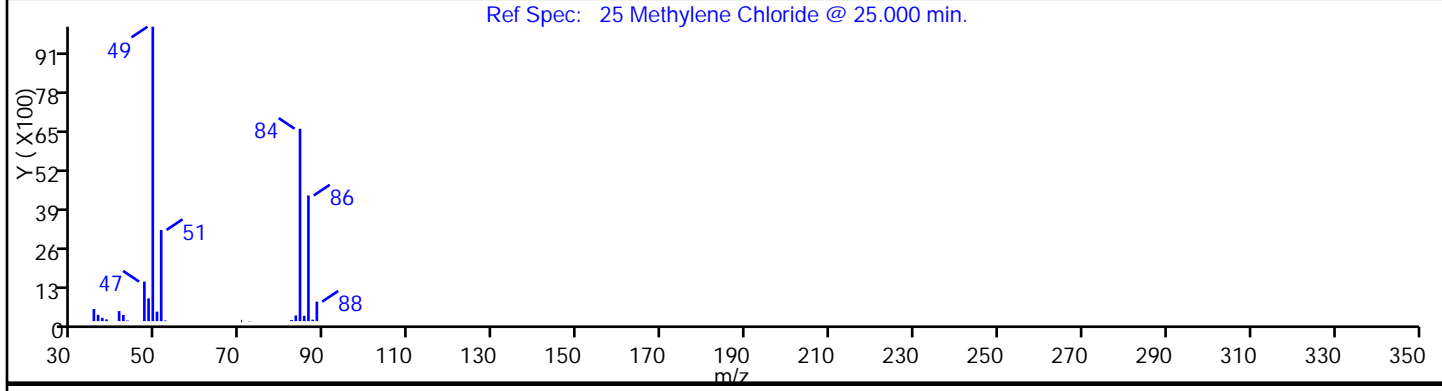
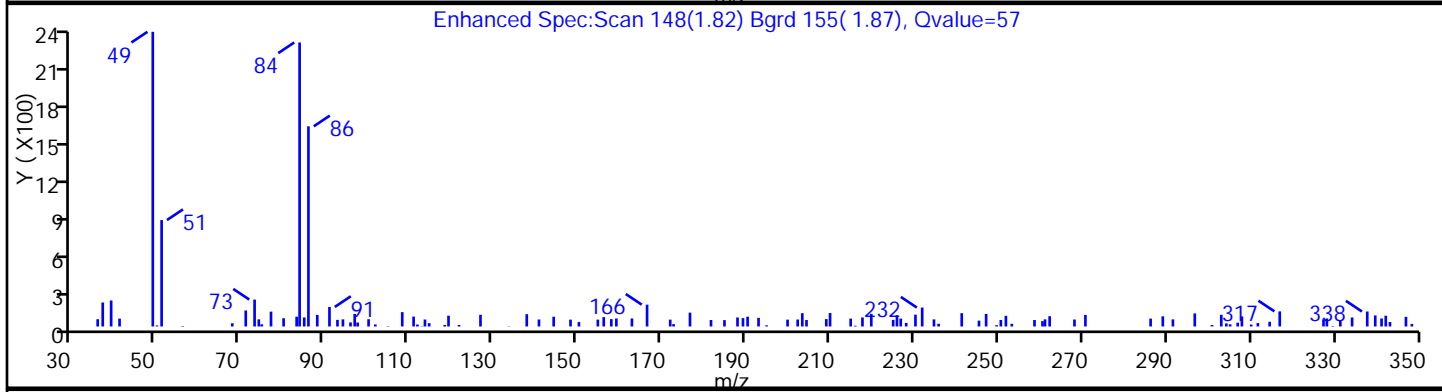
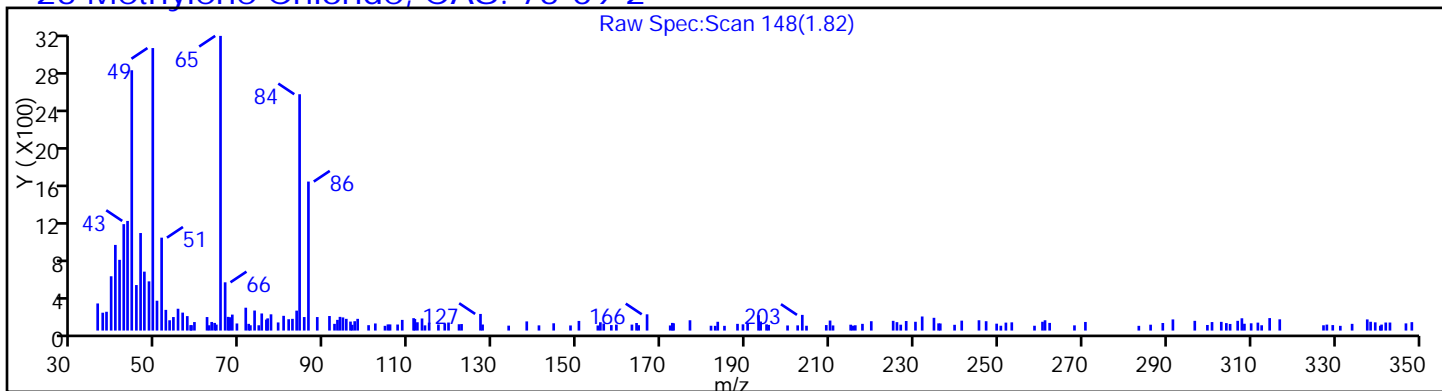
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

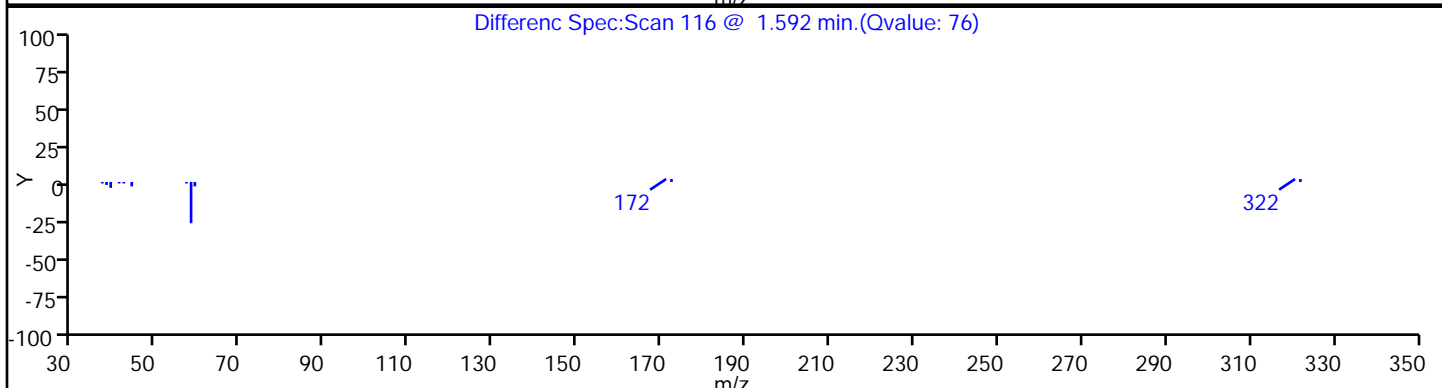
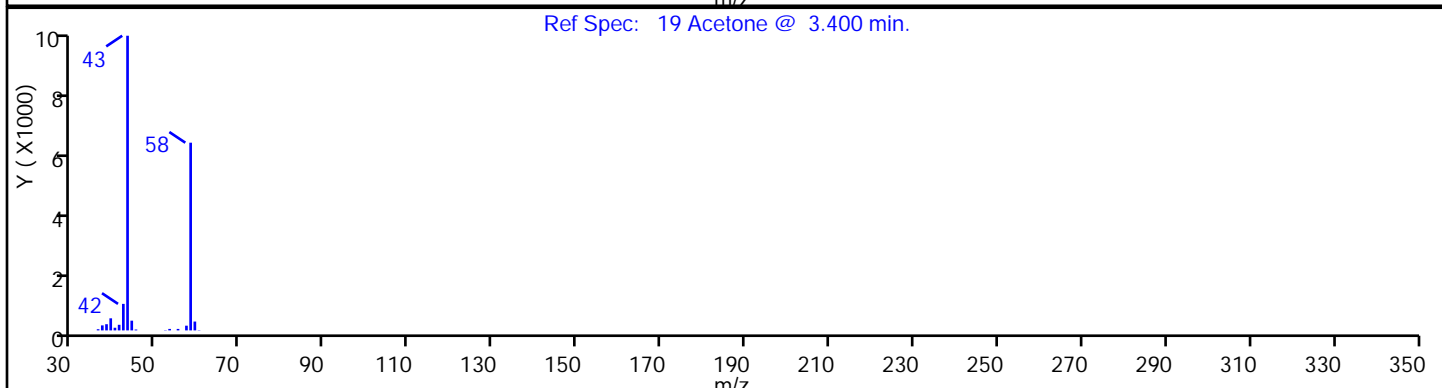
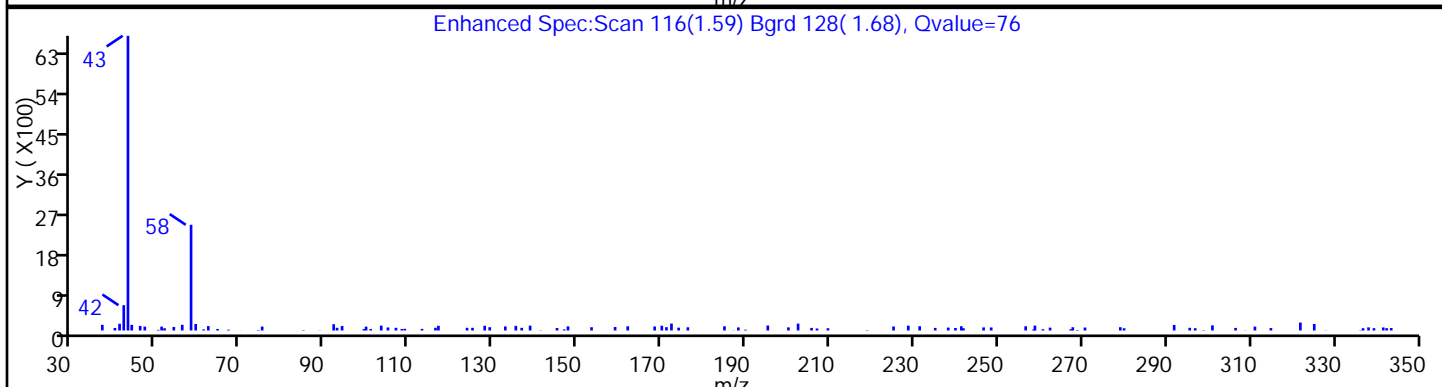
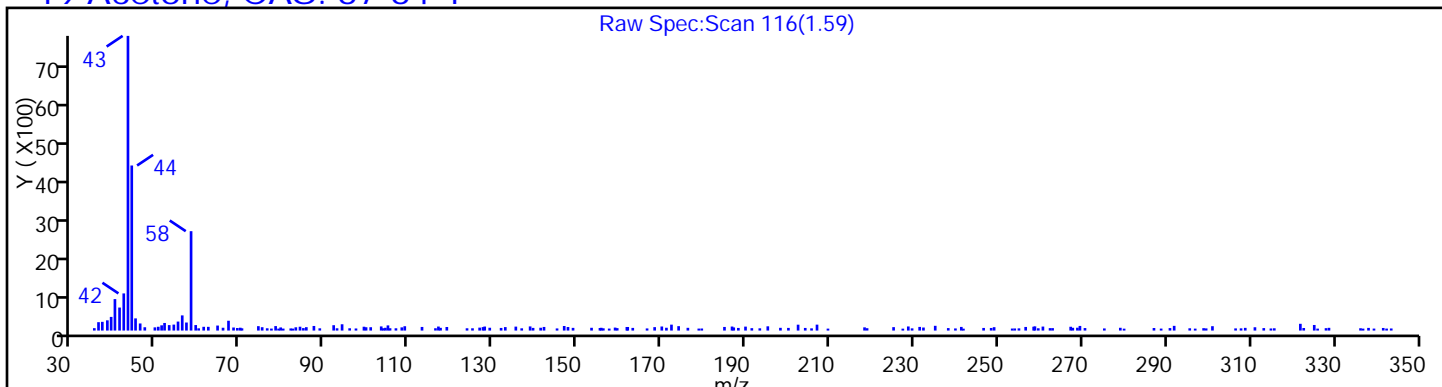
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

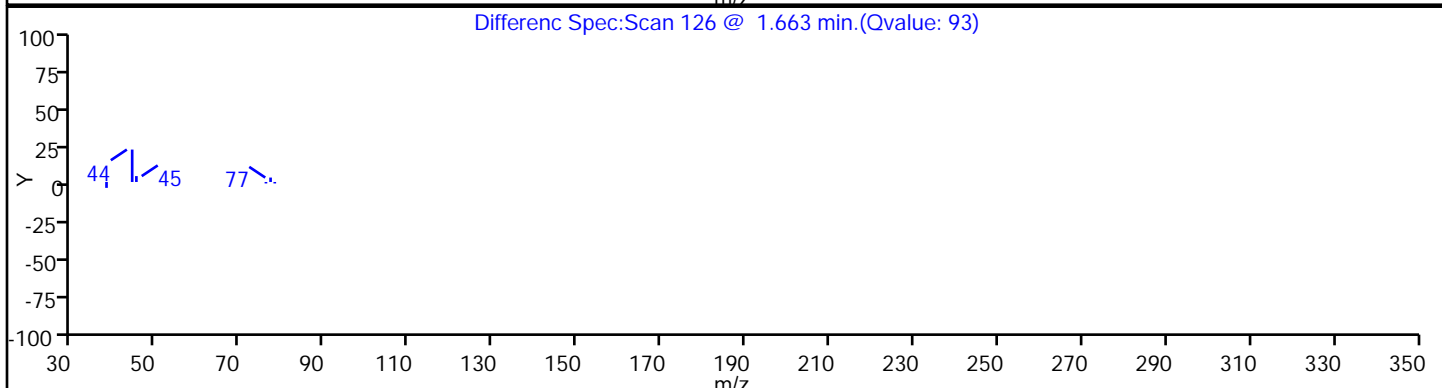
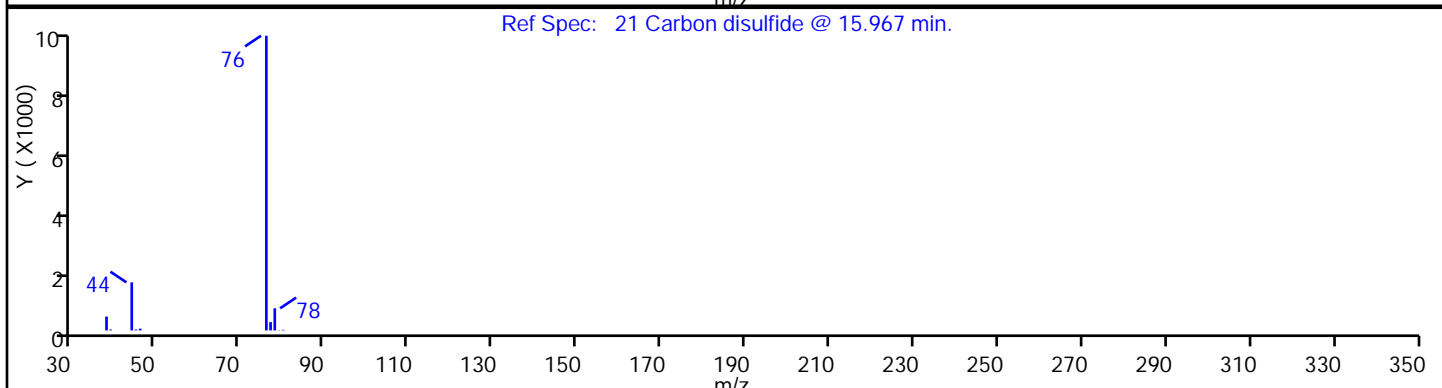
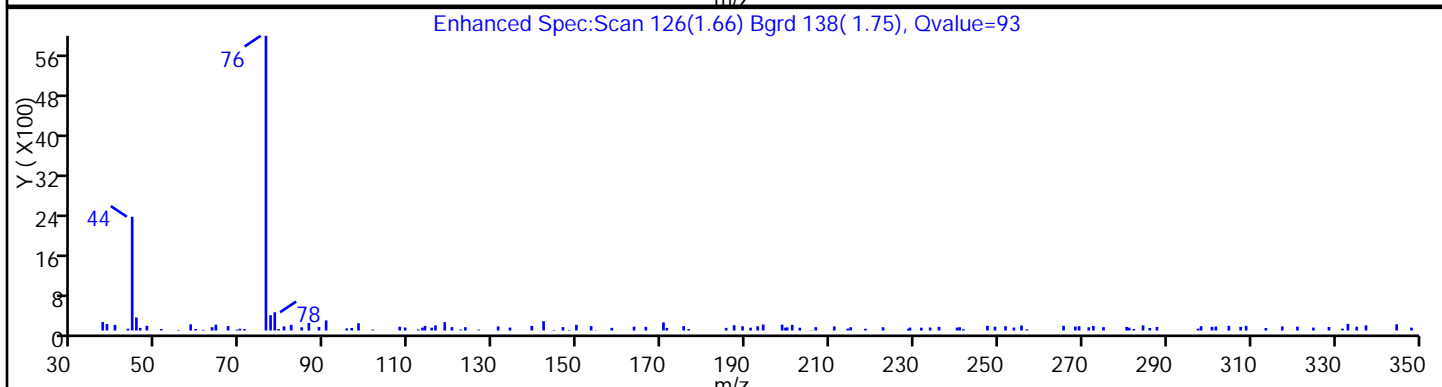
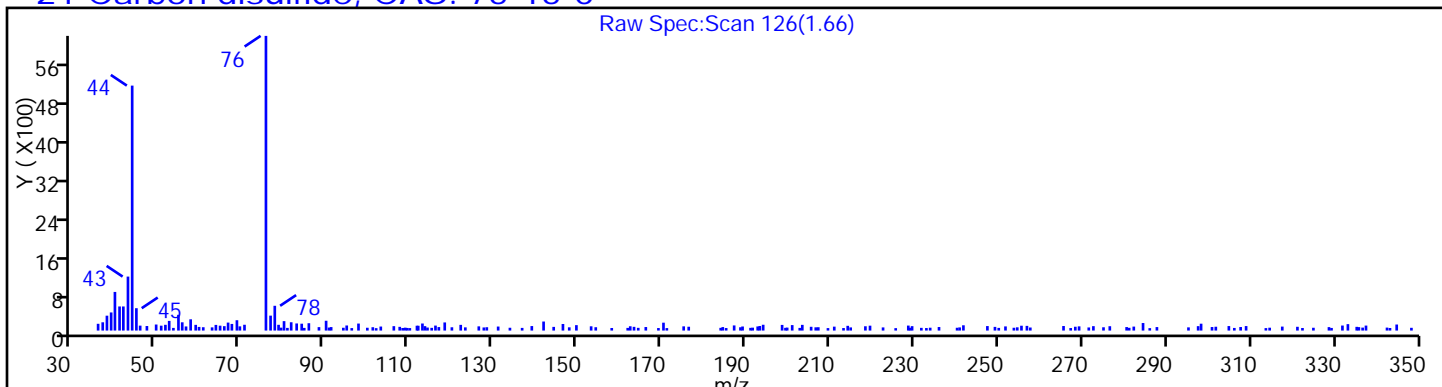
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

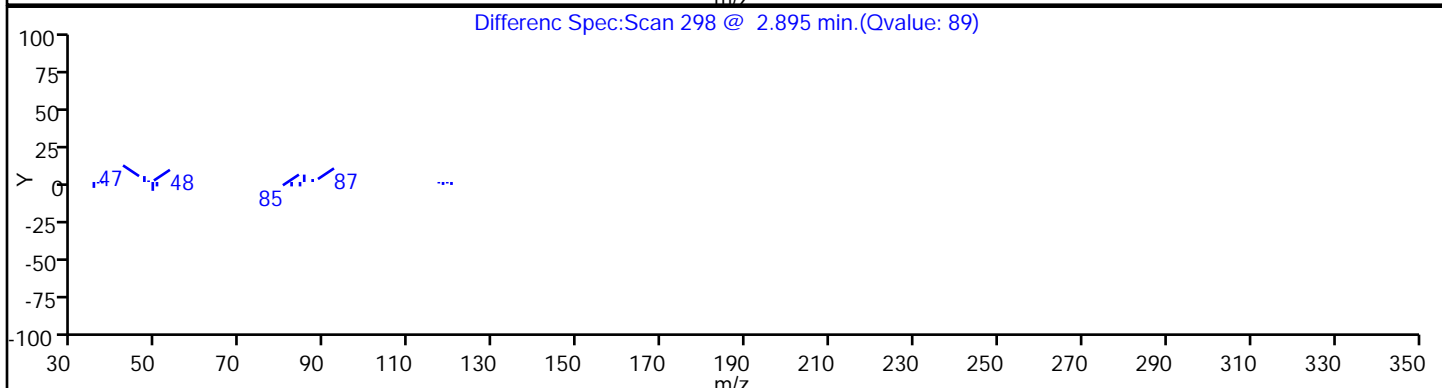
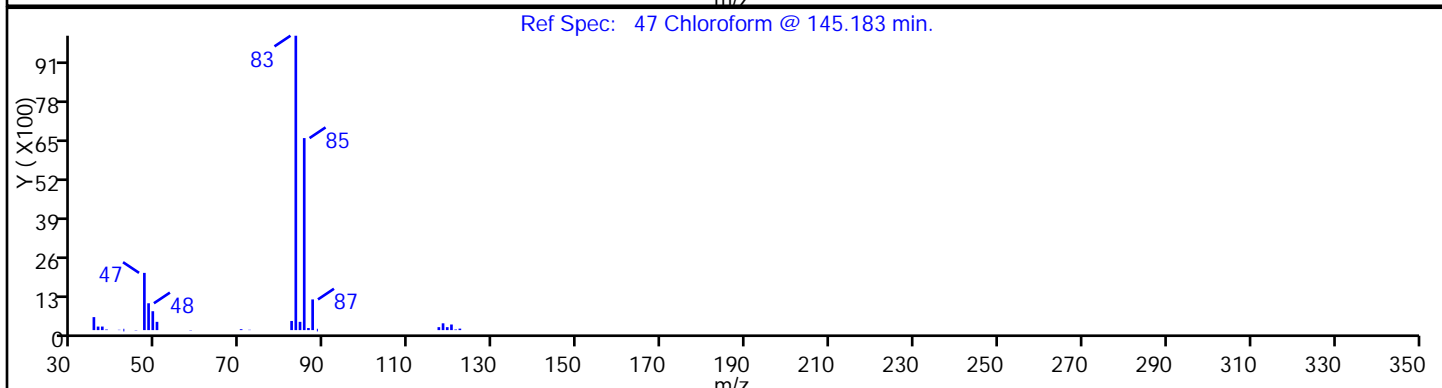
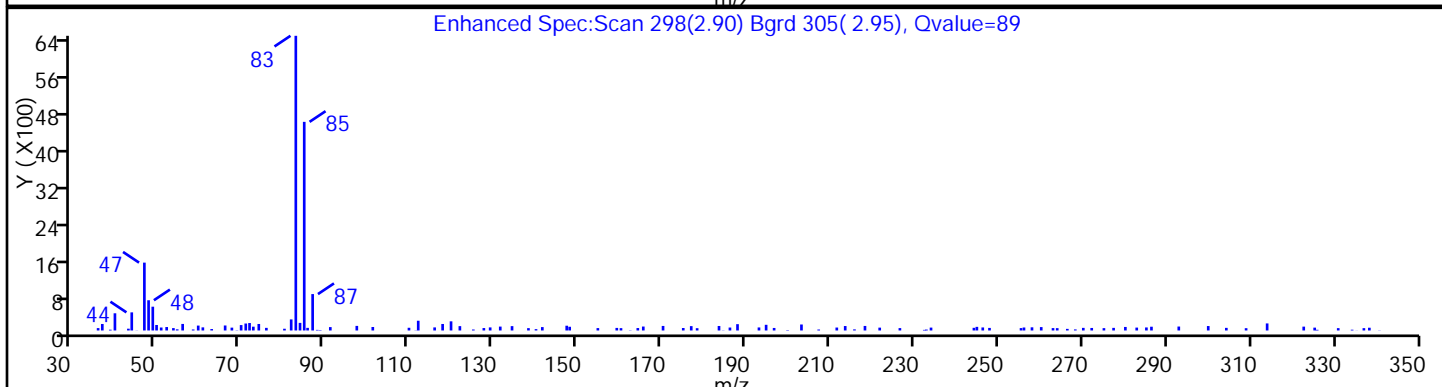
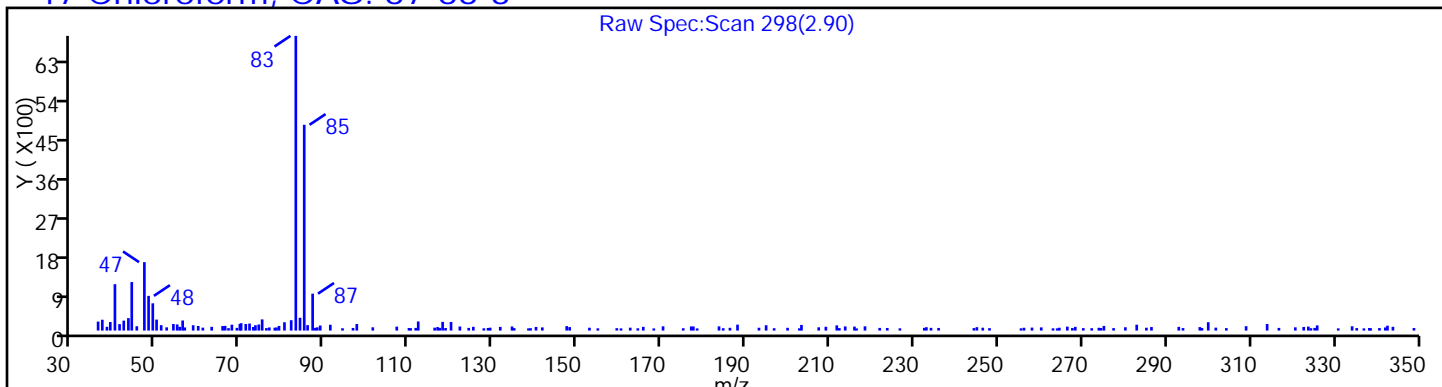
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

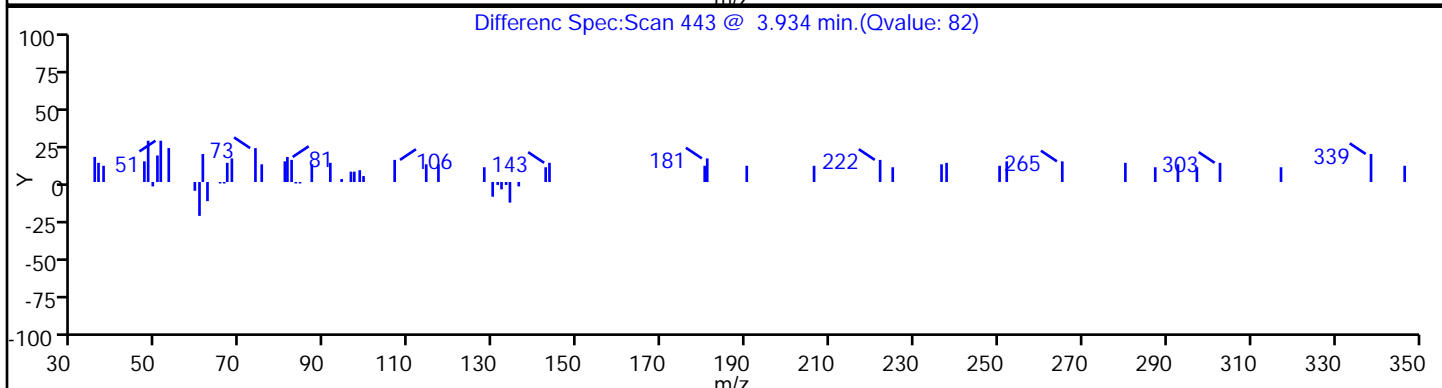
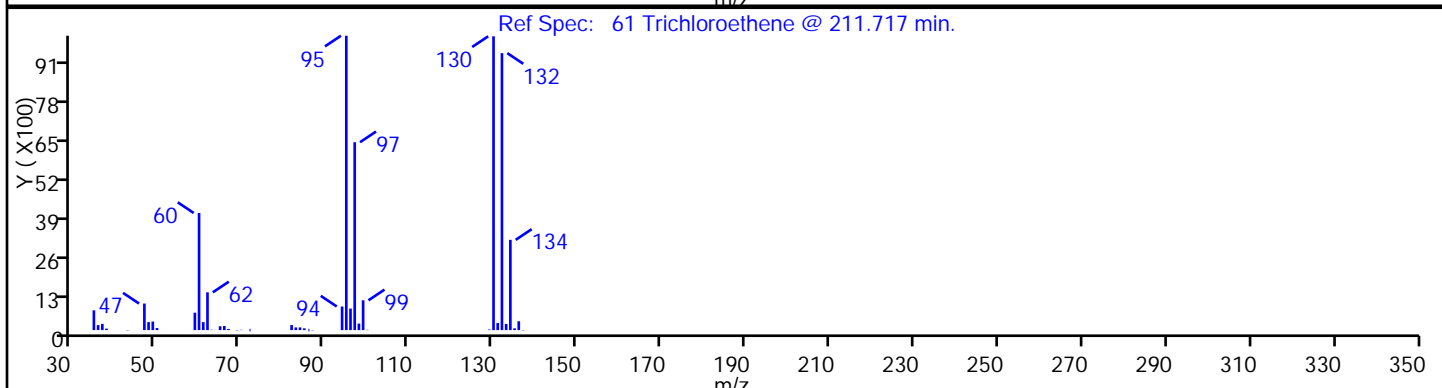
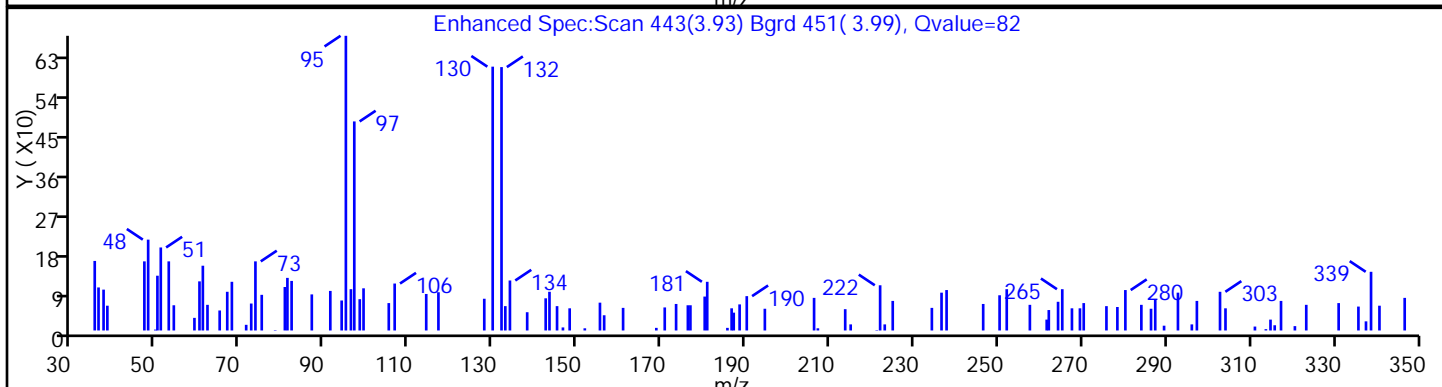
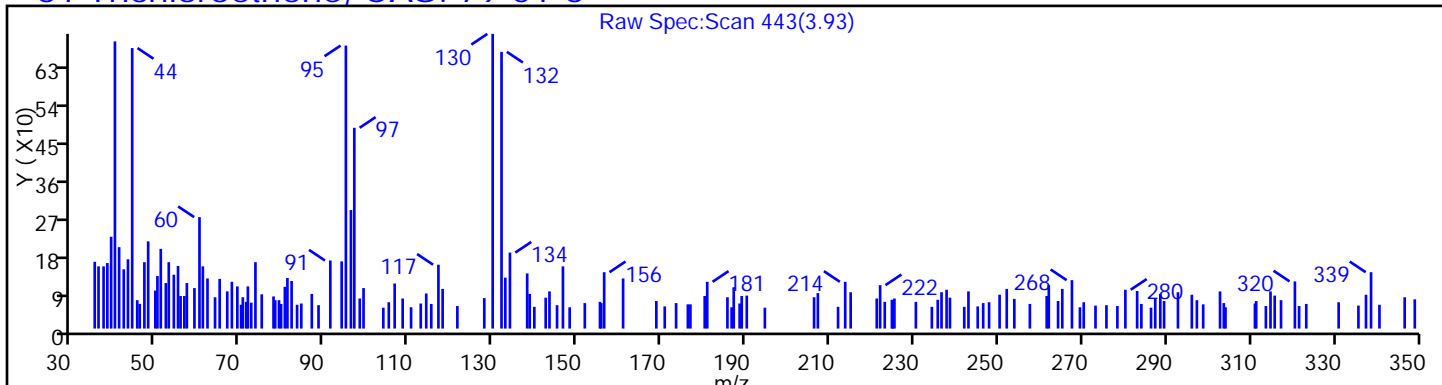
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

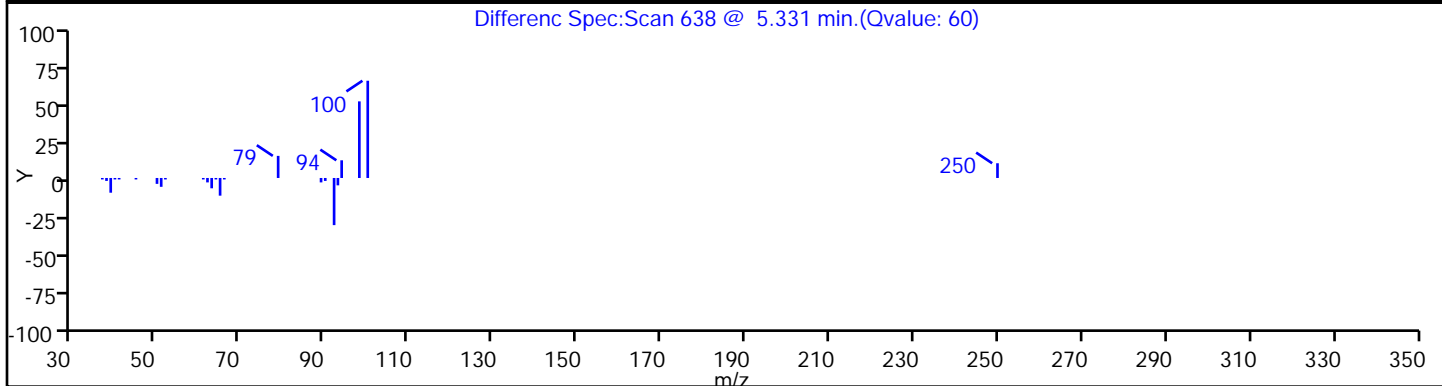
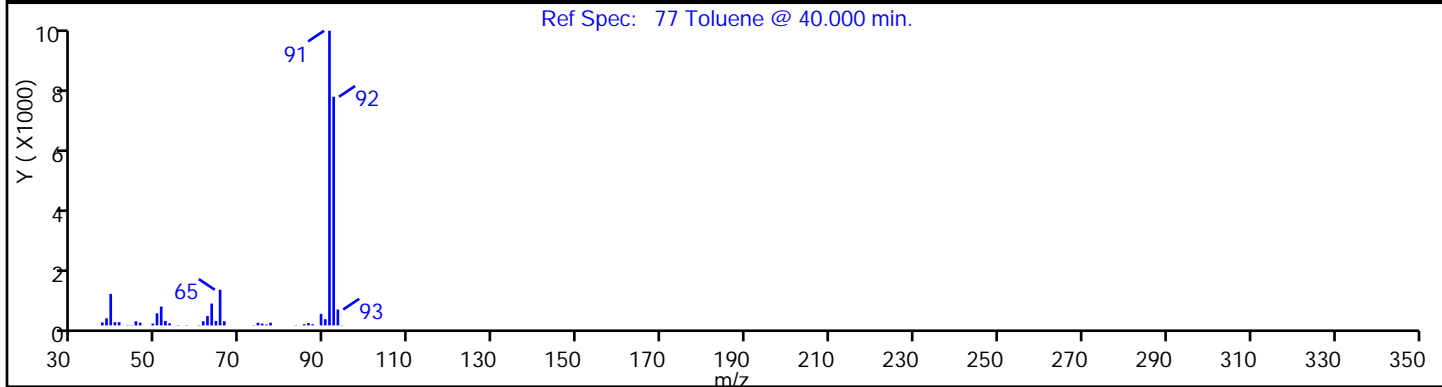
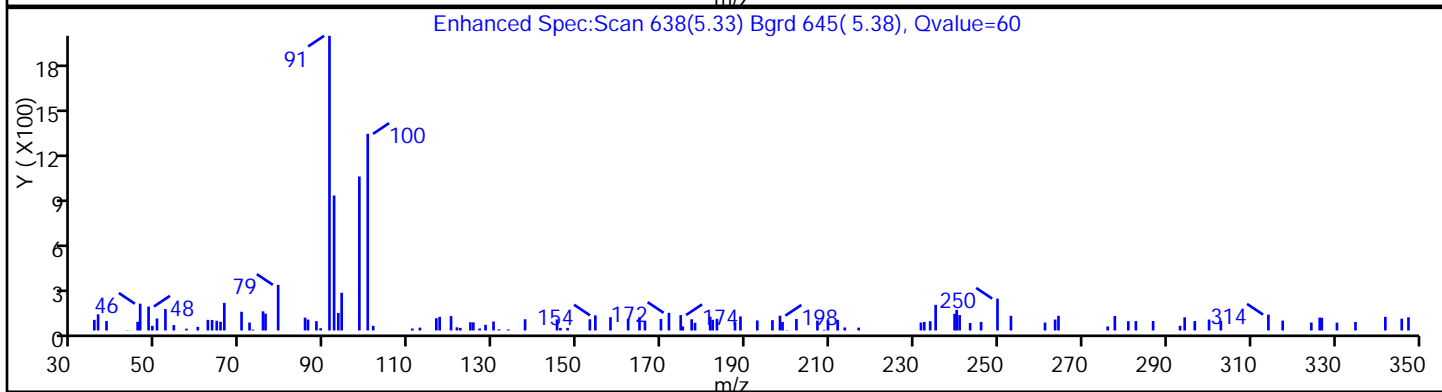
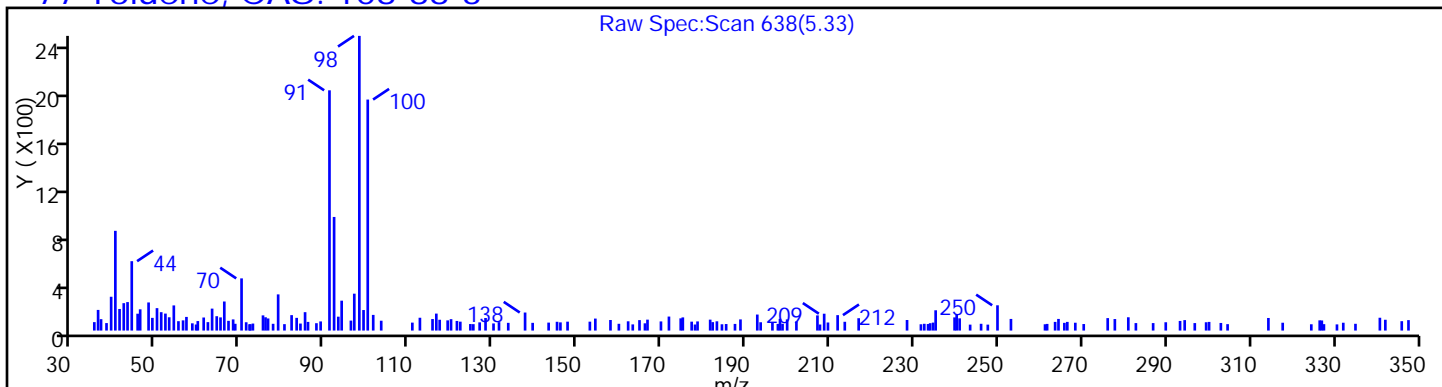
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

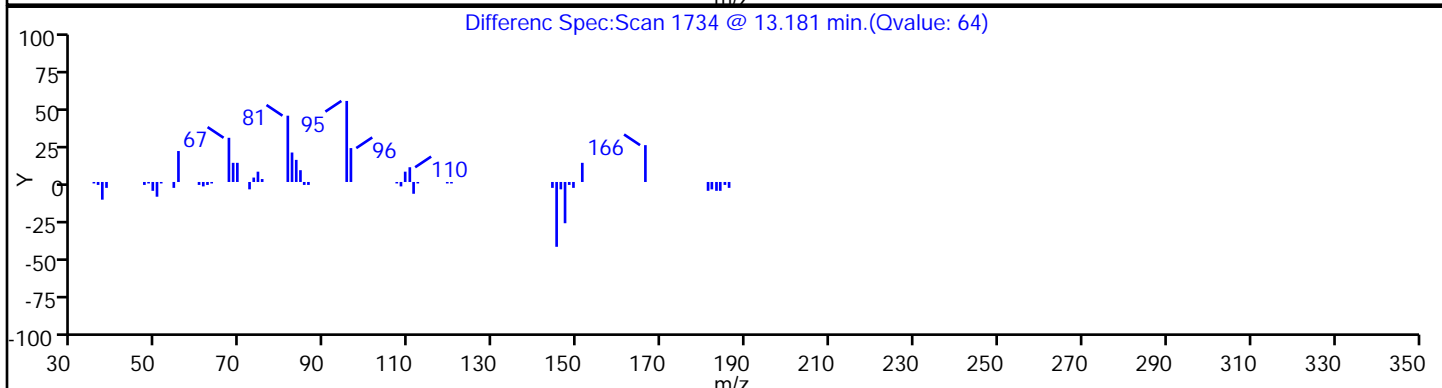
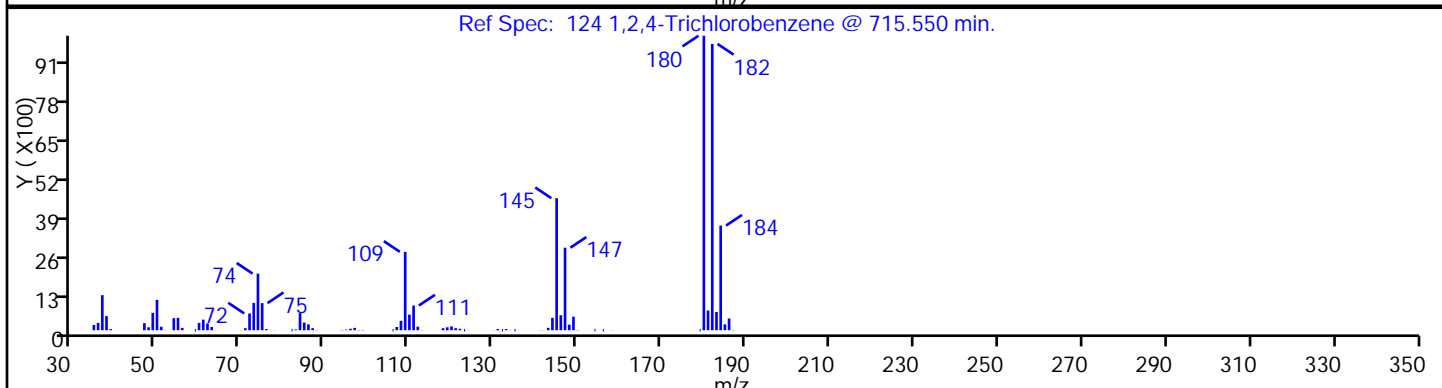
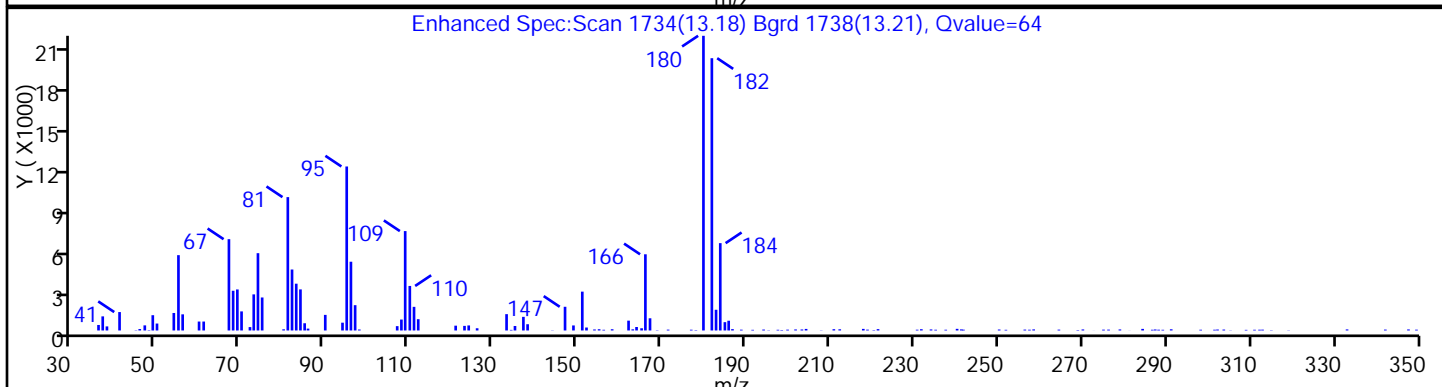
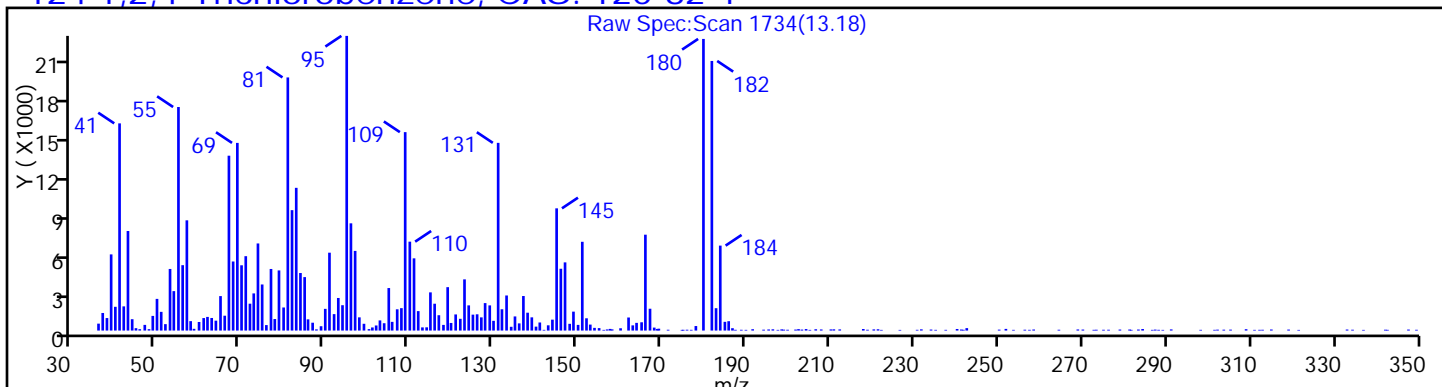
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

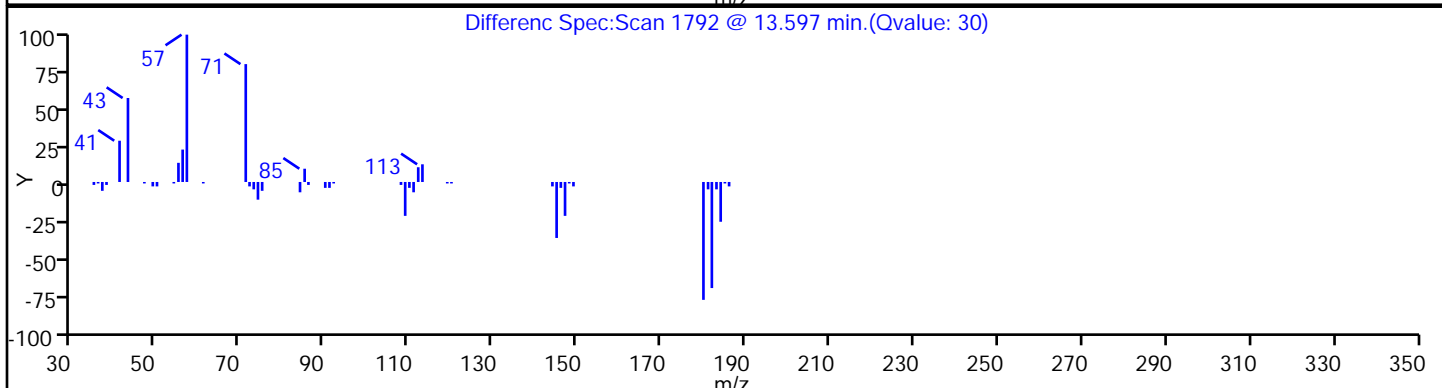
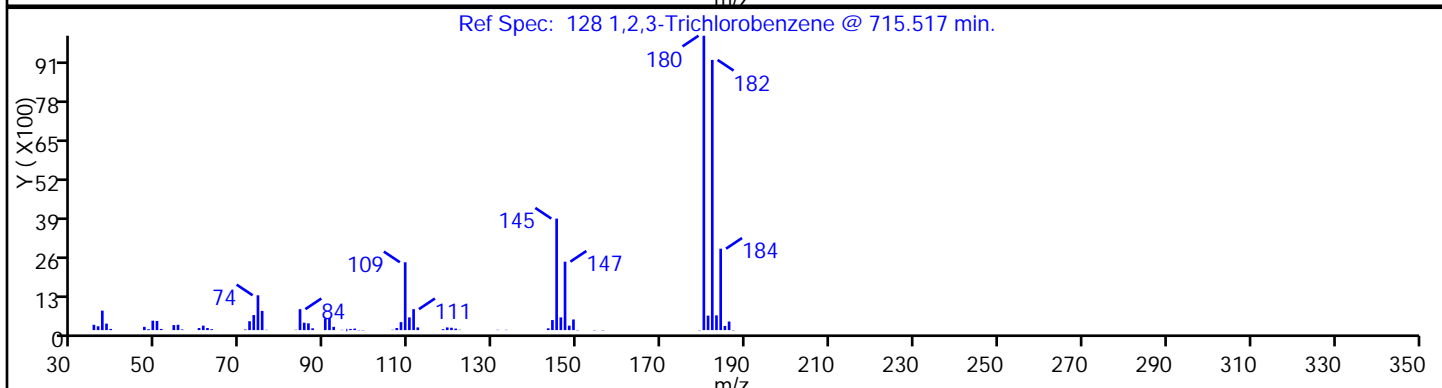
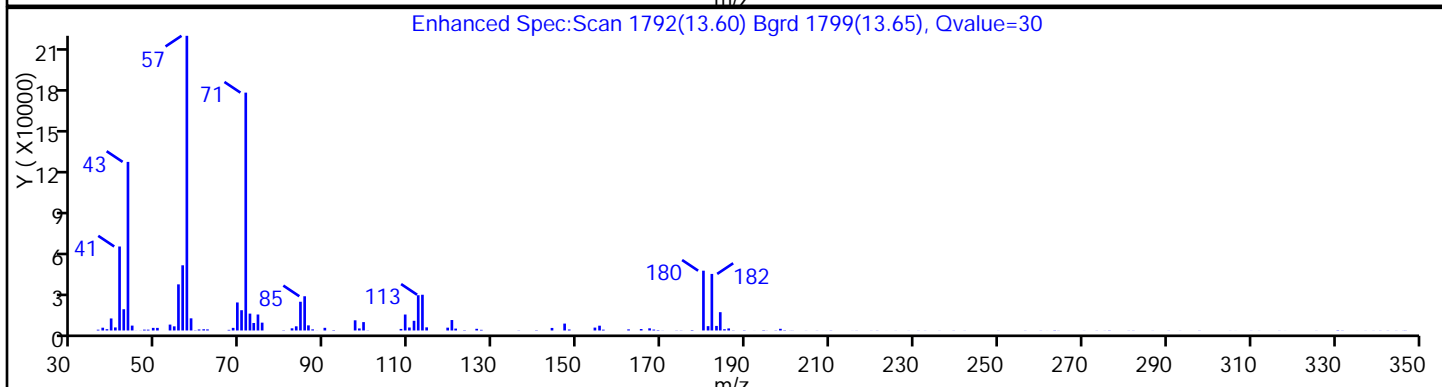
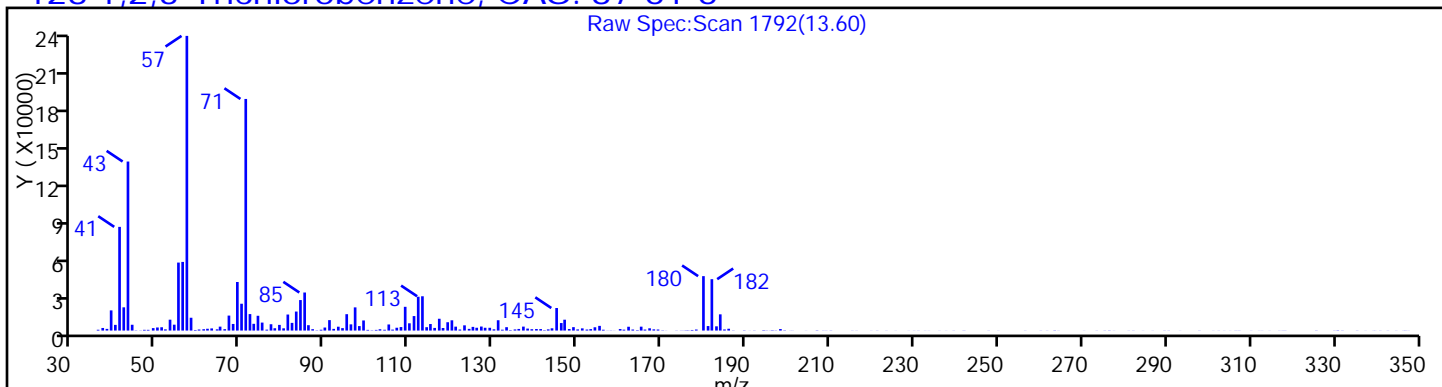
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

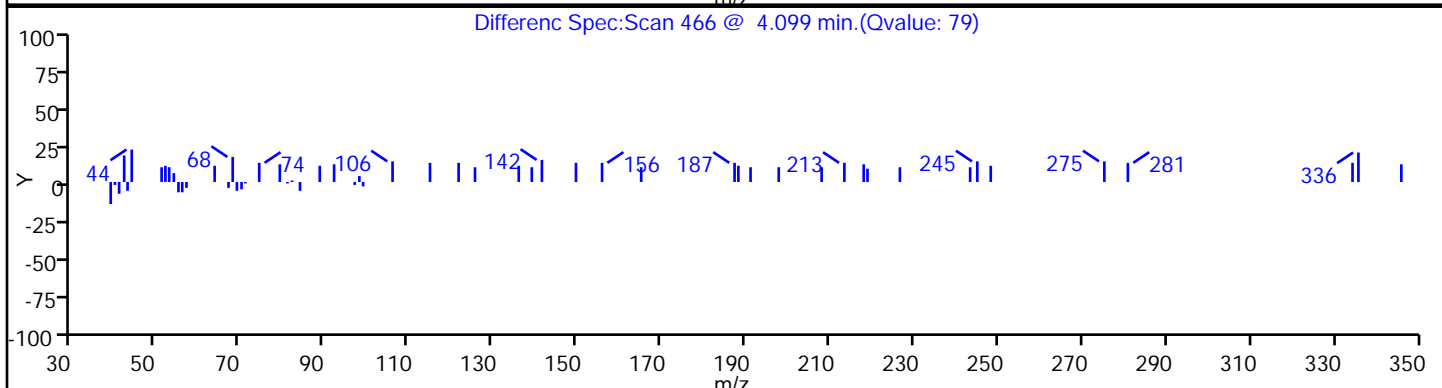
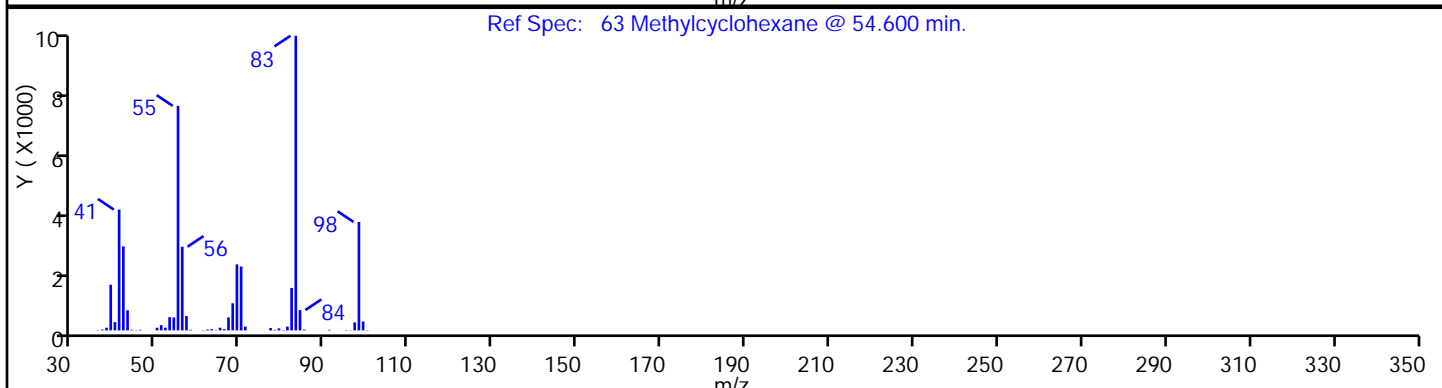
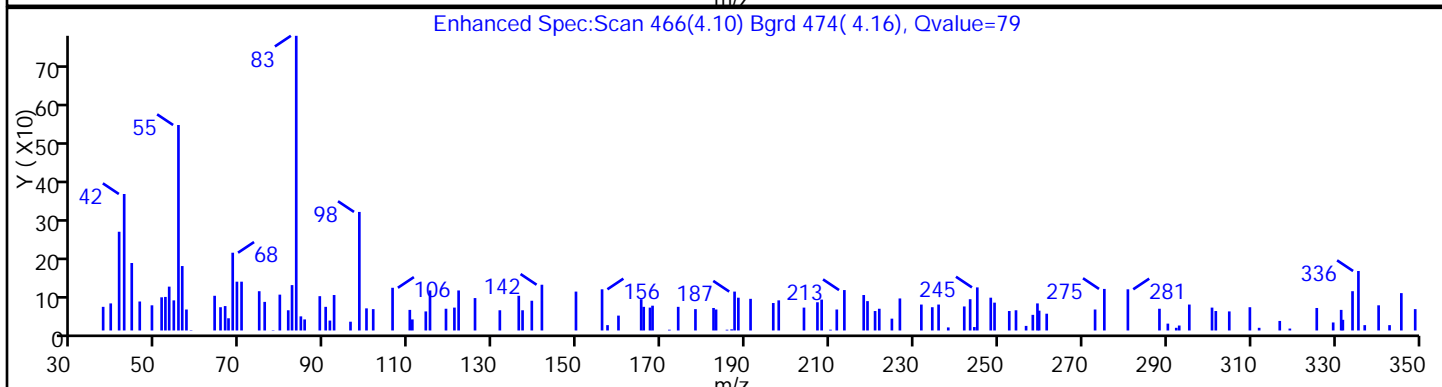
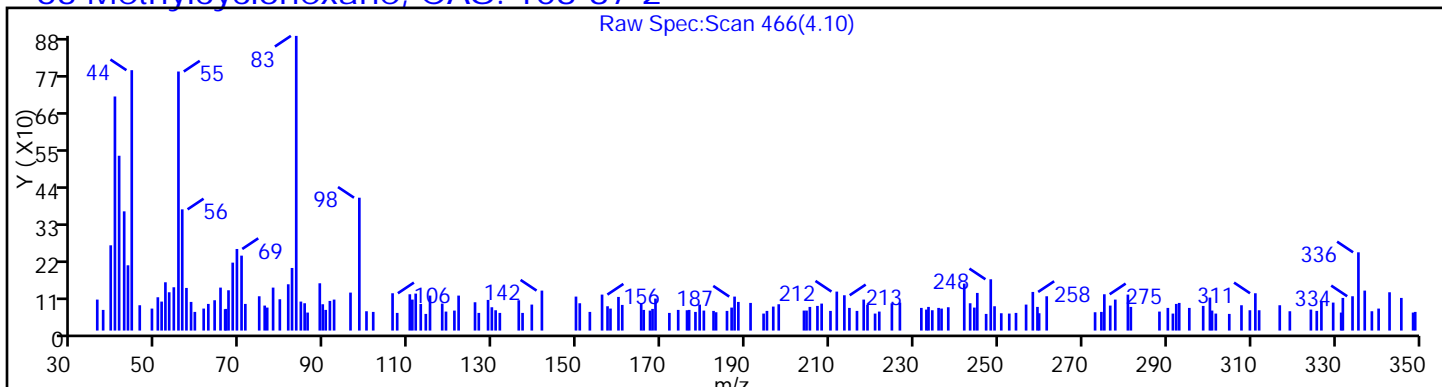
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

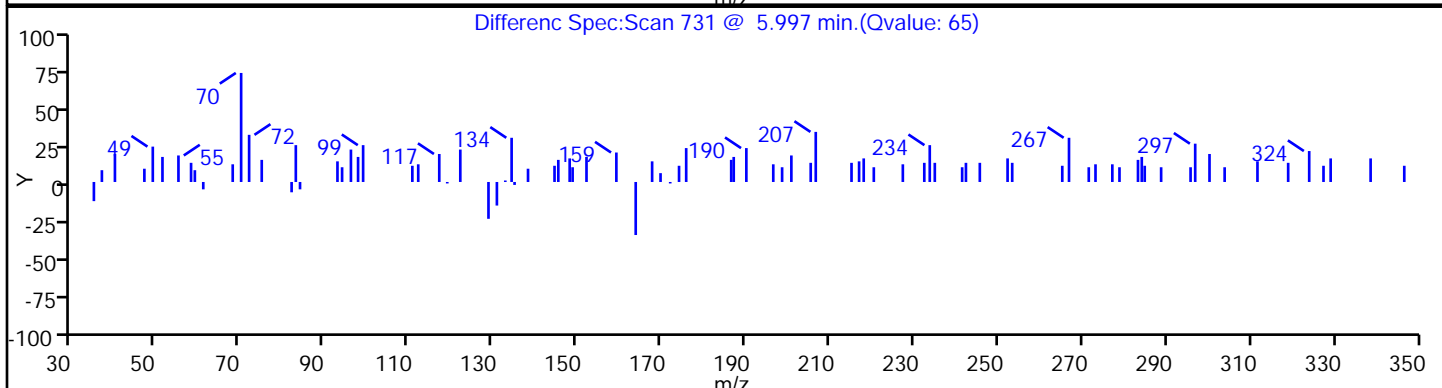
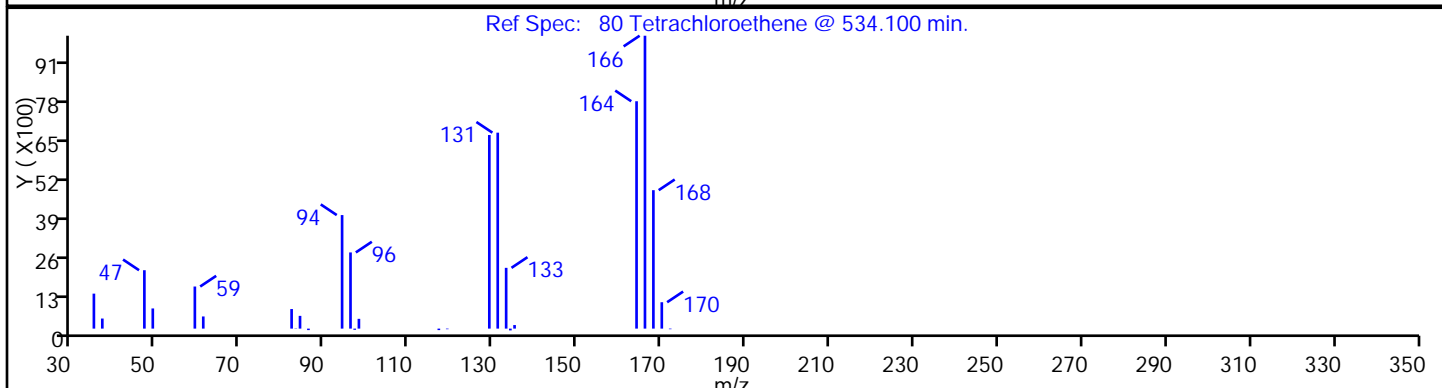
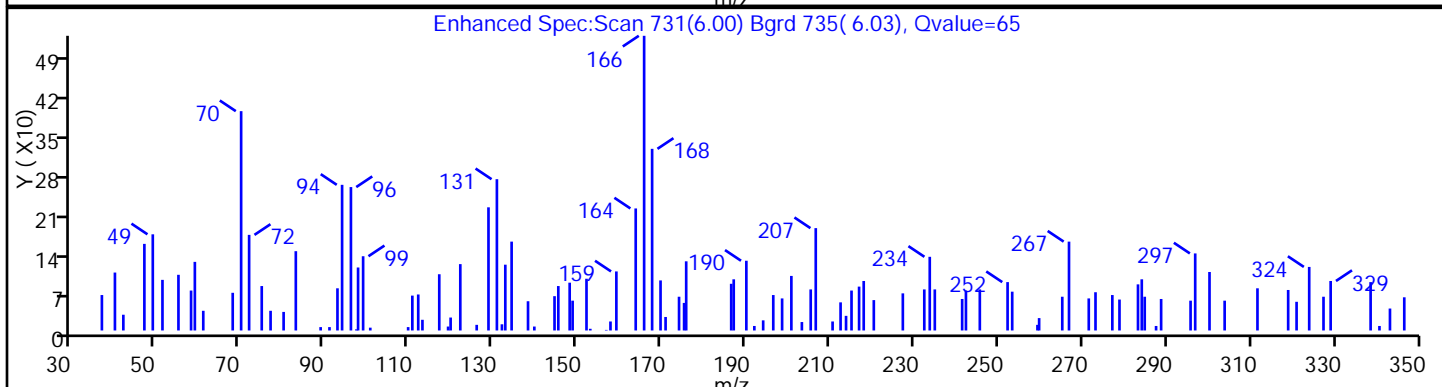
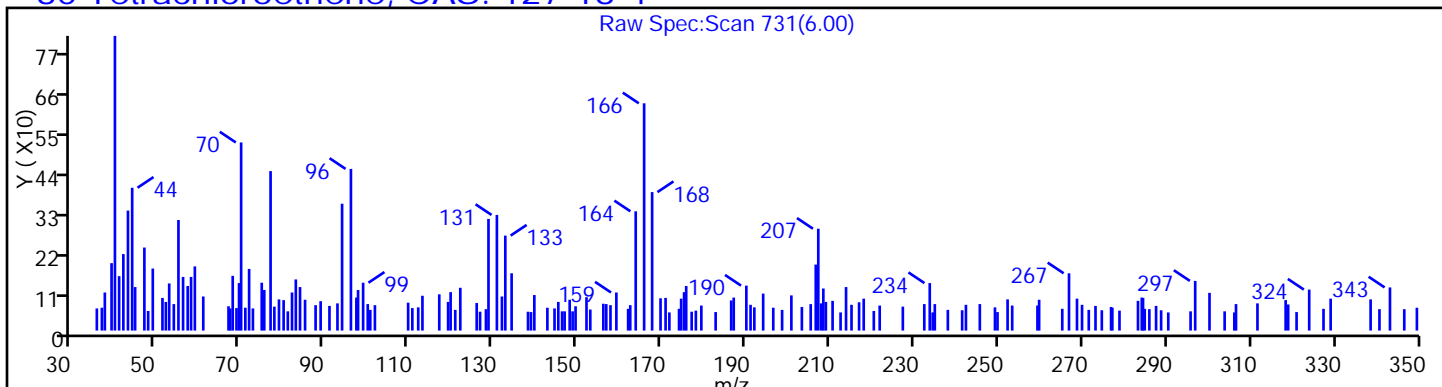
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

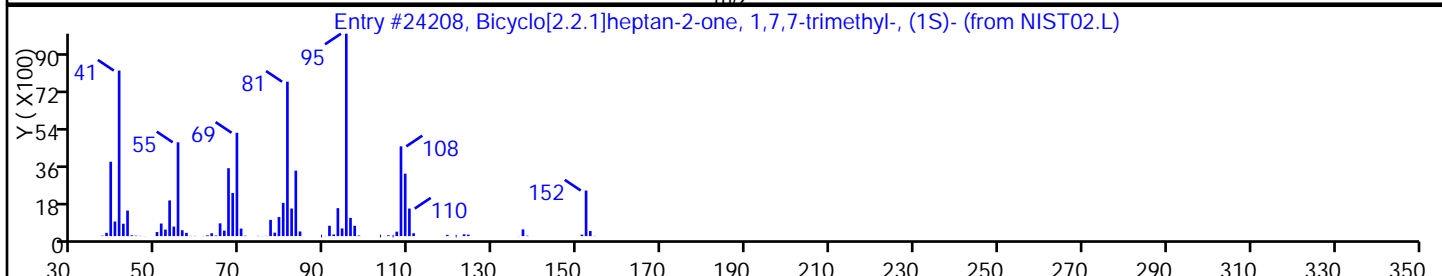
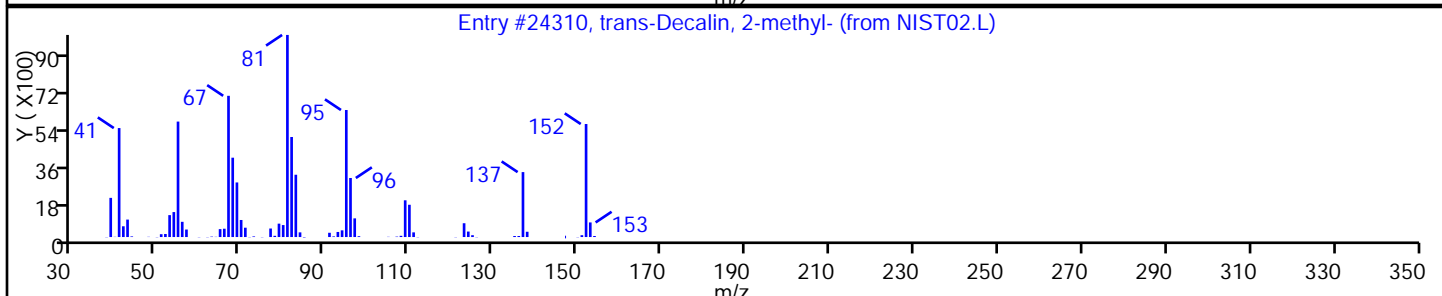
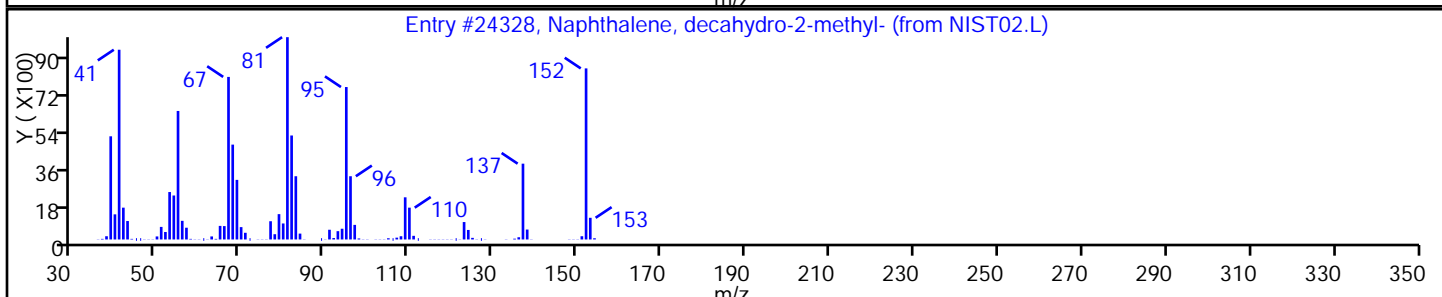
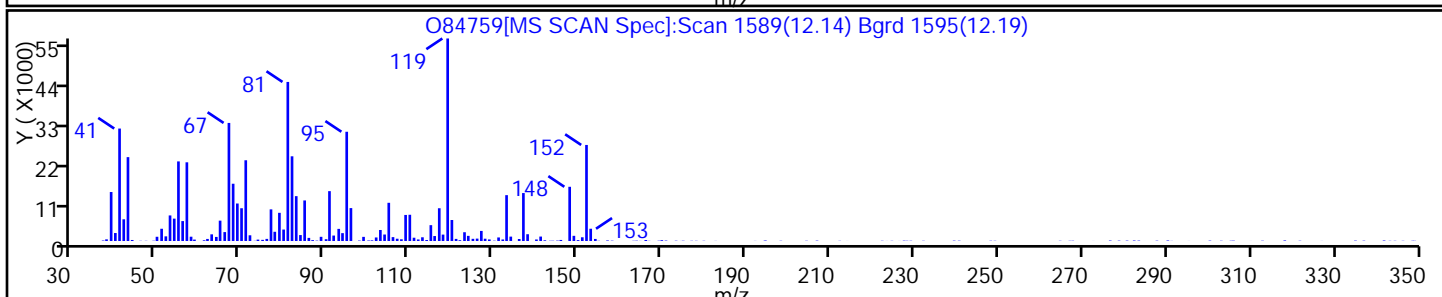
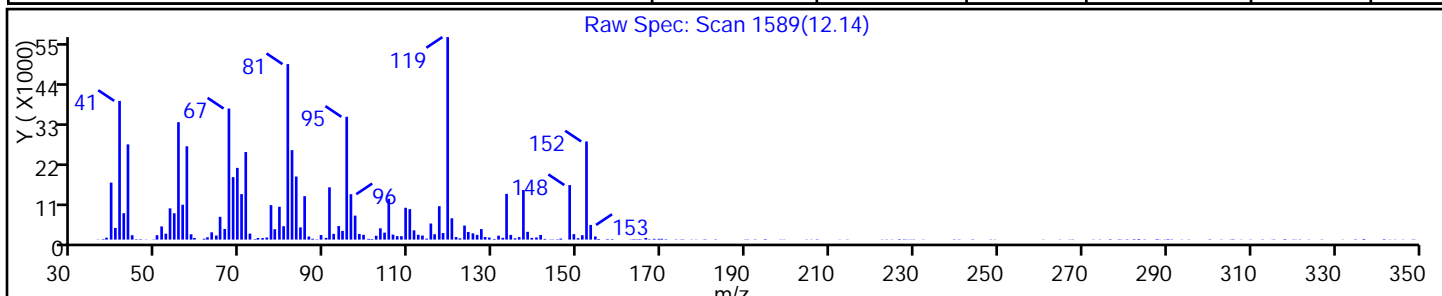
Method: 8260S_12

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	91
trans-Decalin, 2-methyl-	1000152-47	NIST02.L	24310	C11H20	152	89
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-	464-48-2	NIST02.L	24208	C10H16O	152	42



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

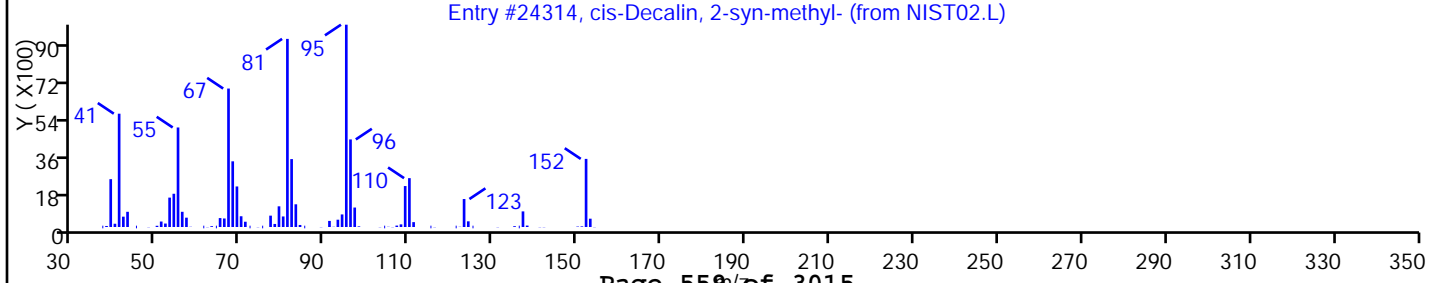
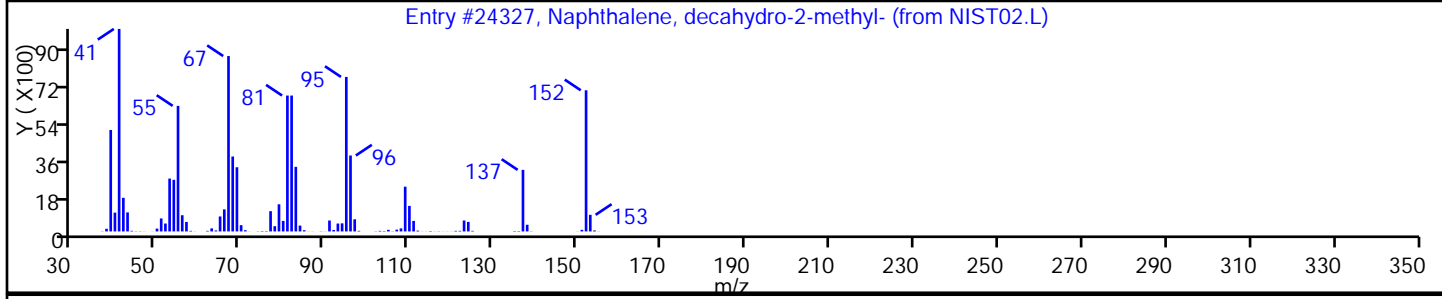
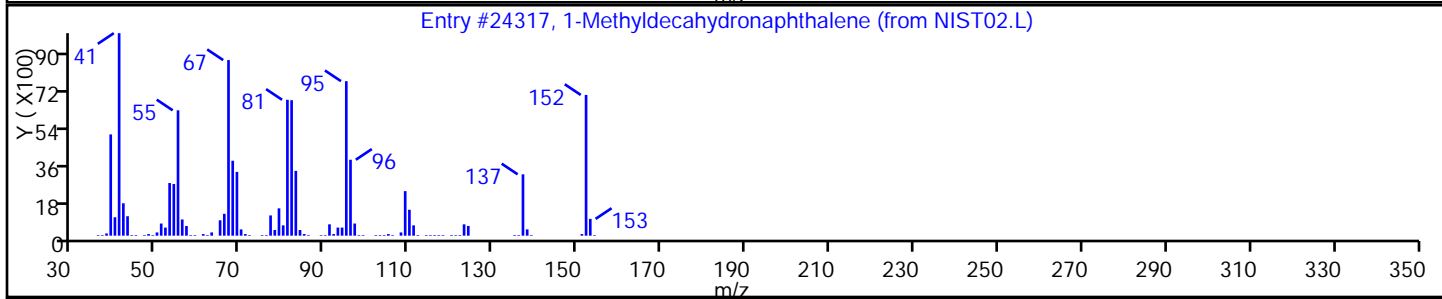
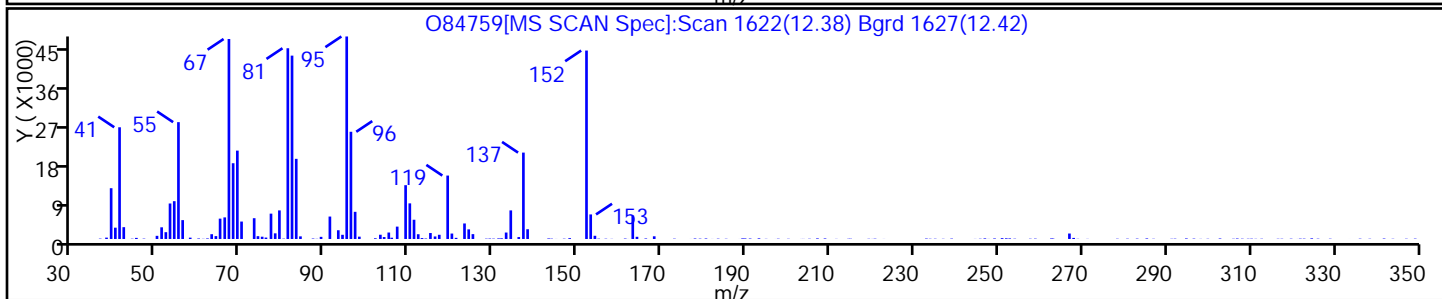
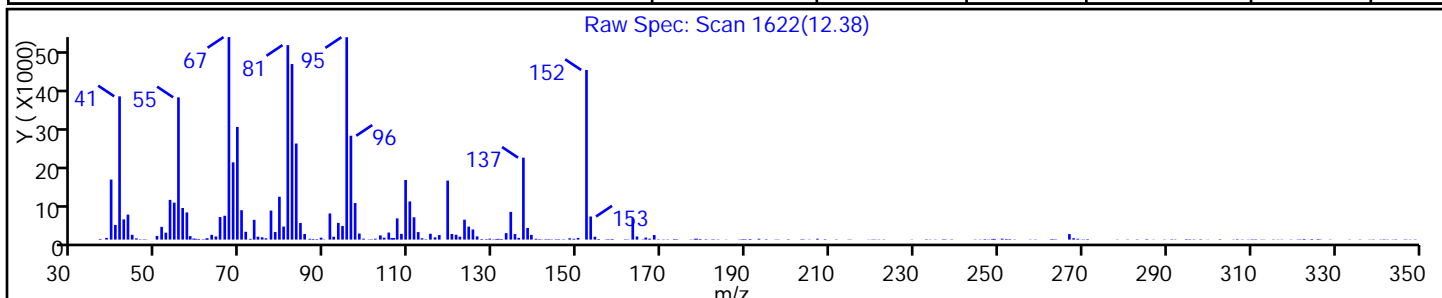
Method: 8260S_12

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	98
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	98
cis-Decalin, 2-syn-methyl-	1000155-85	NIST02.L	24314	C11H20	152	89



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

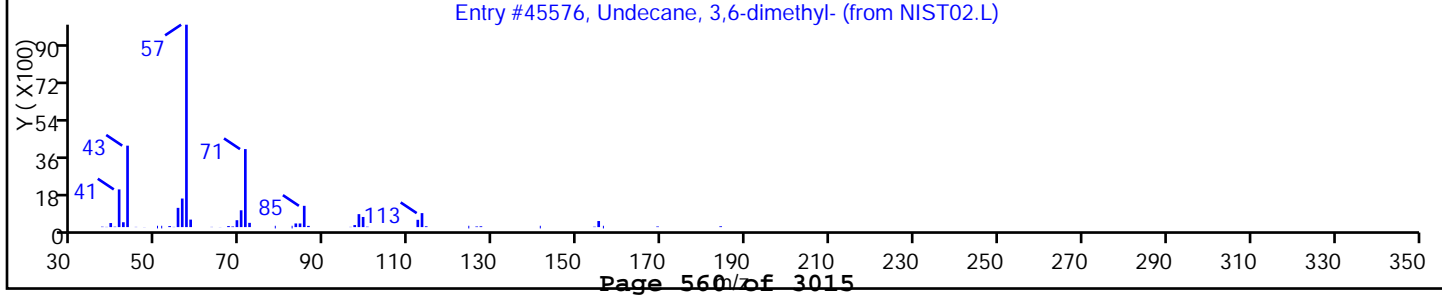
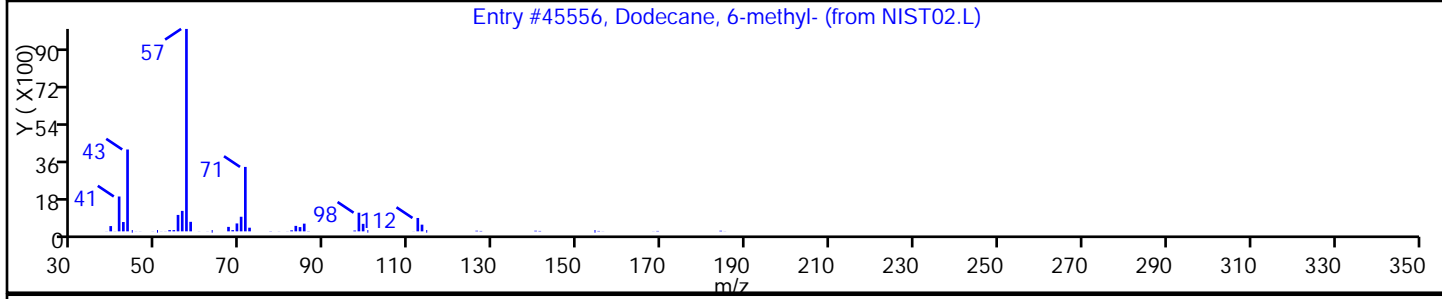
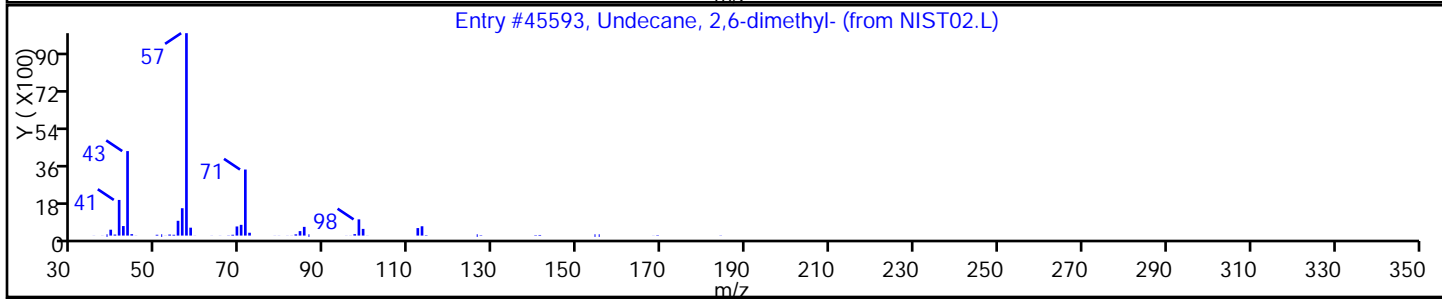
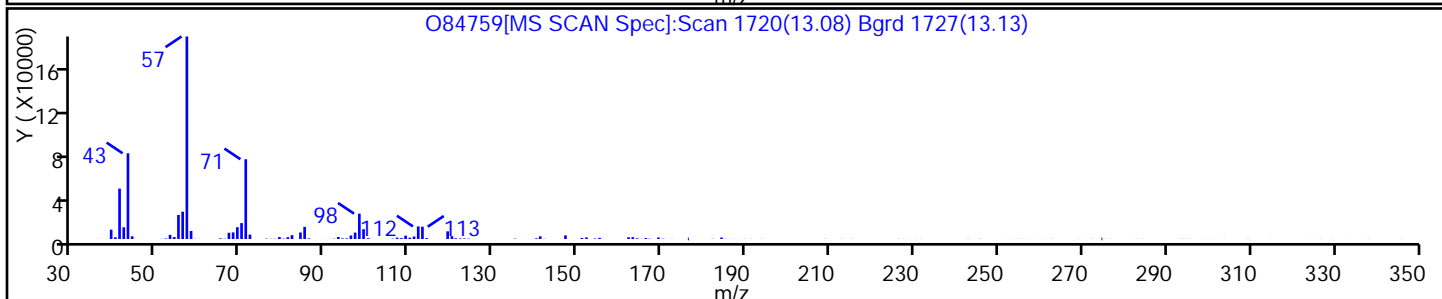
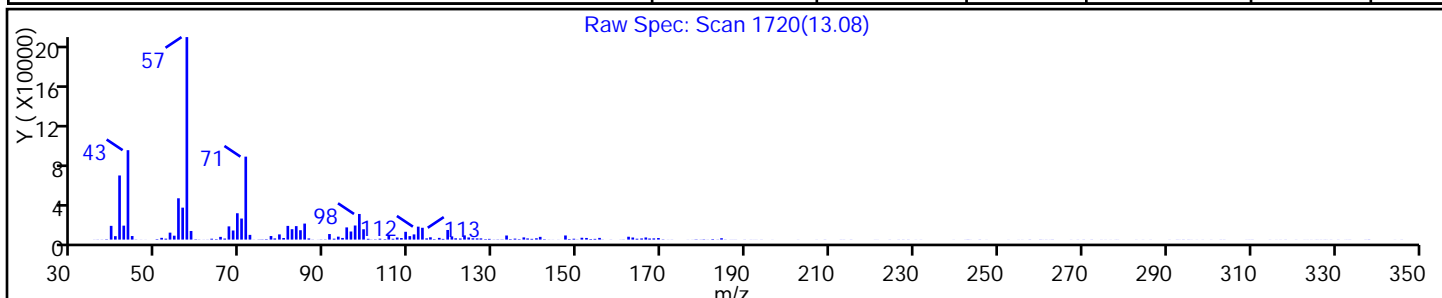
Method: 8260S_12

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	45593	C13H28	184	94
Dodecane, 6-methyl-	6044-71-9	NIST02.L	45556	C13H28	184	94
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

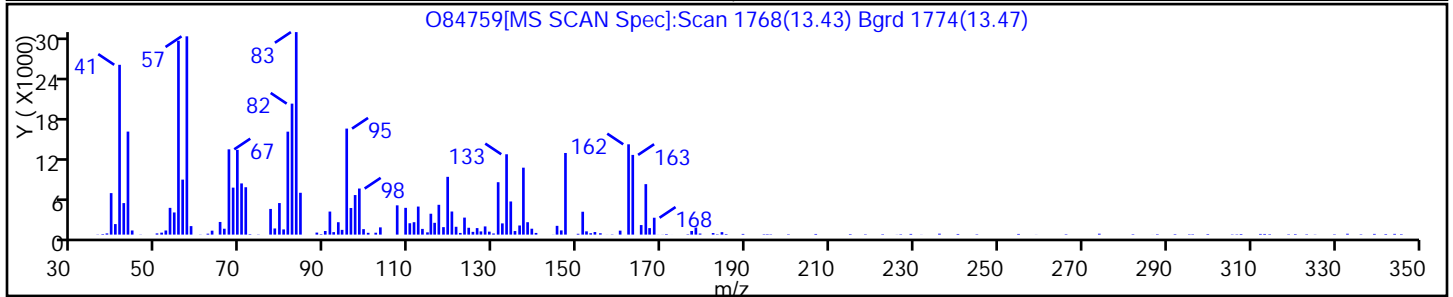
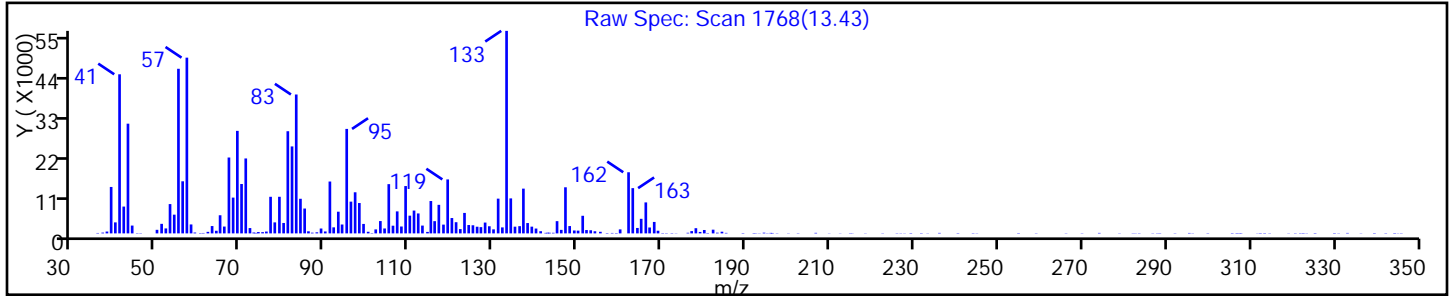
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

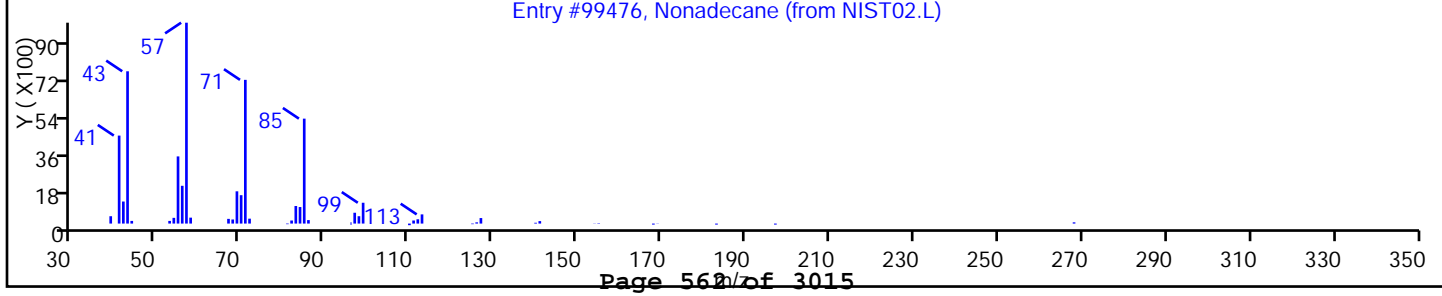
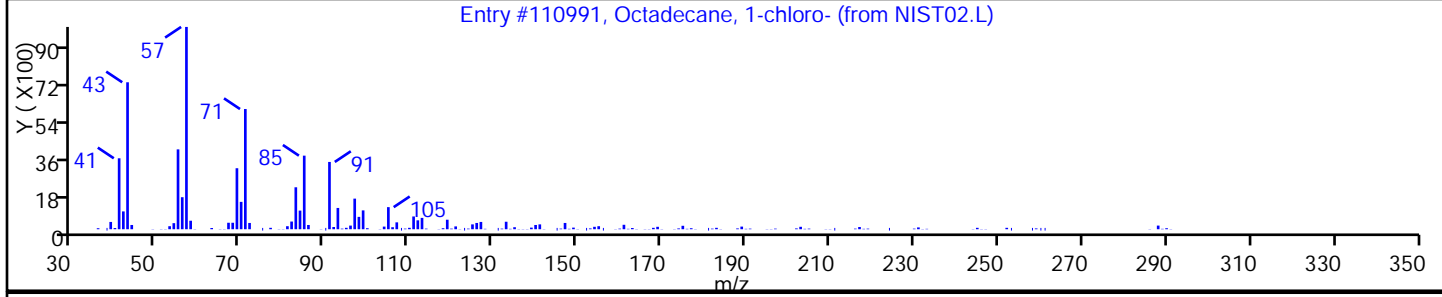
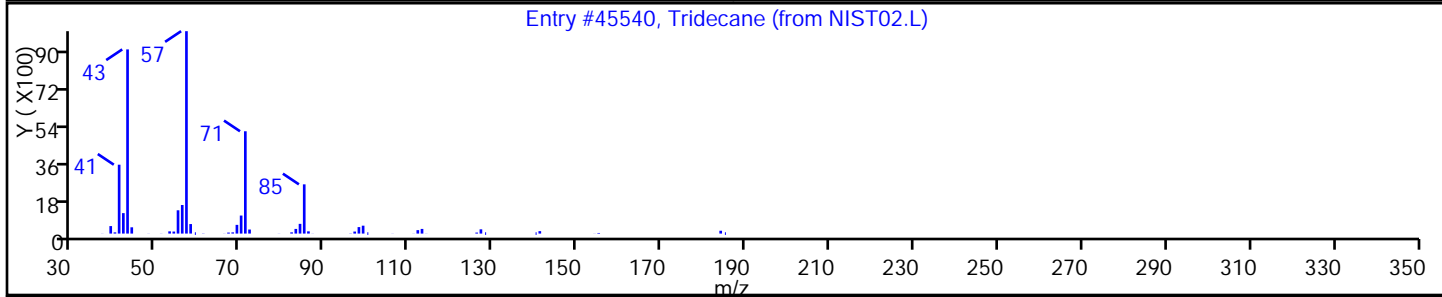
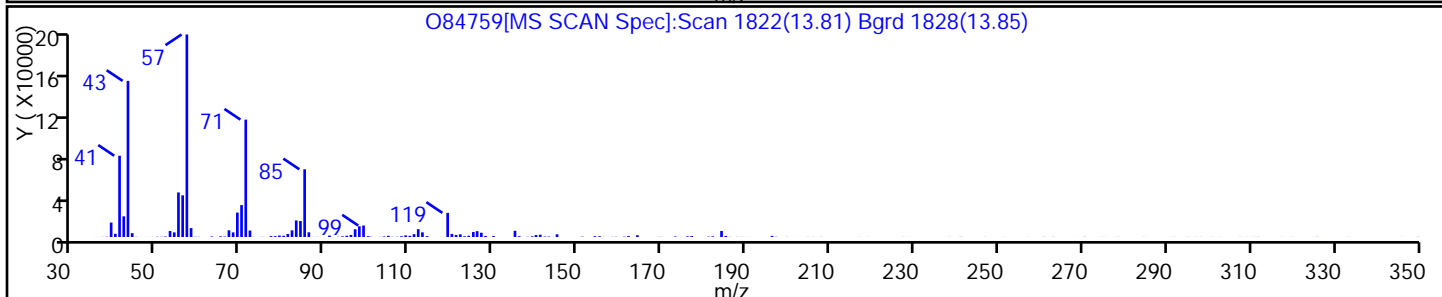
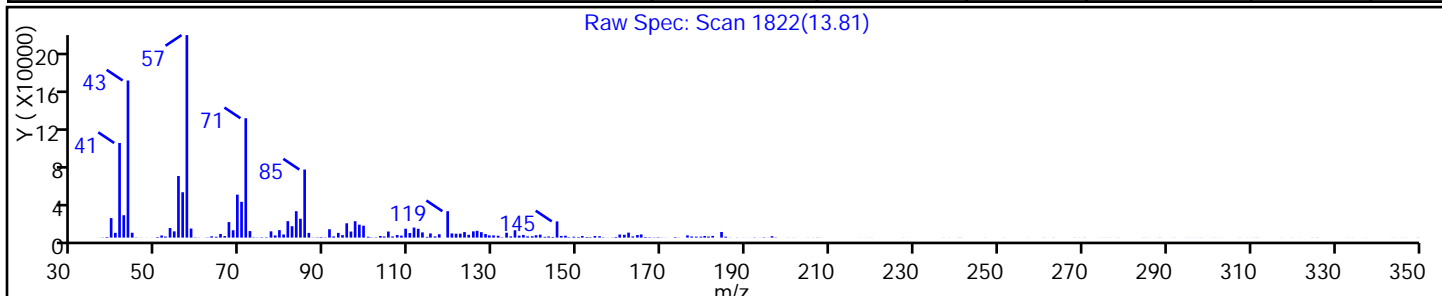
Method: 8260S_12

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	87
Octadecane, 1-chloro-	3386-33-2	NIST02.L	110991	C18H37Cl	288	83
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

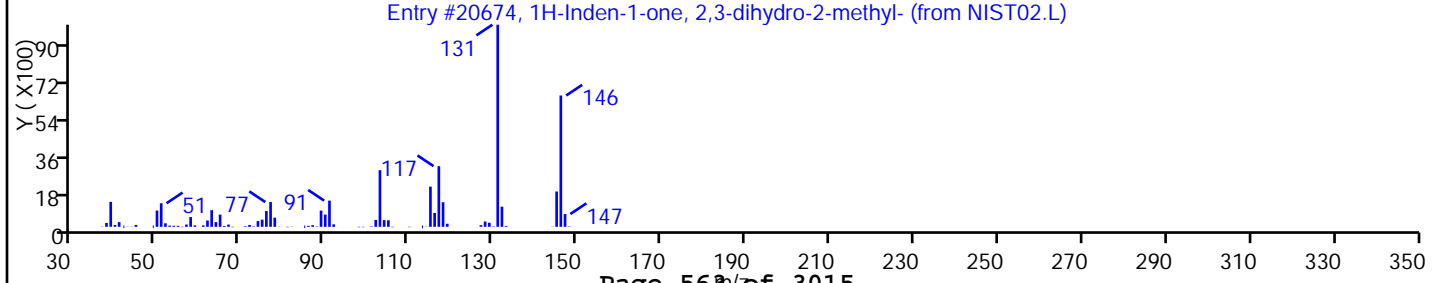
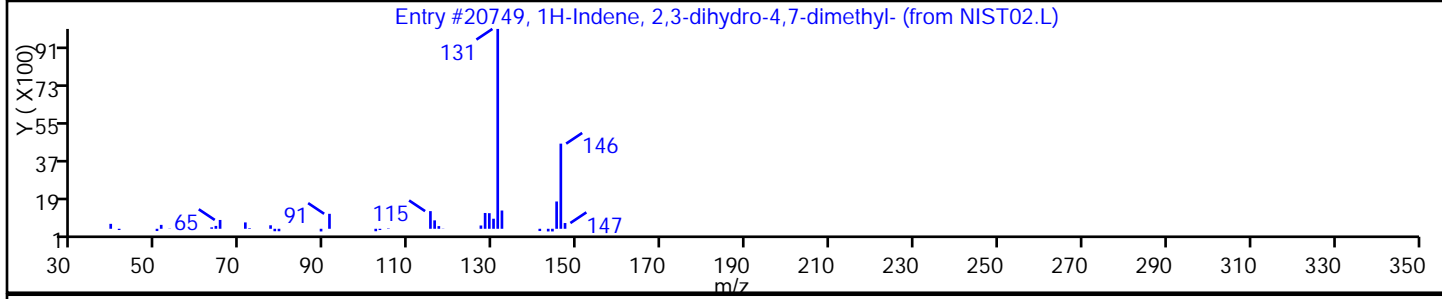
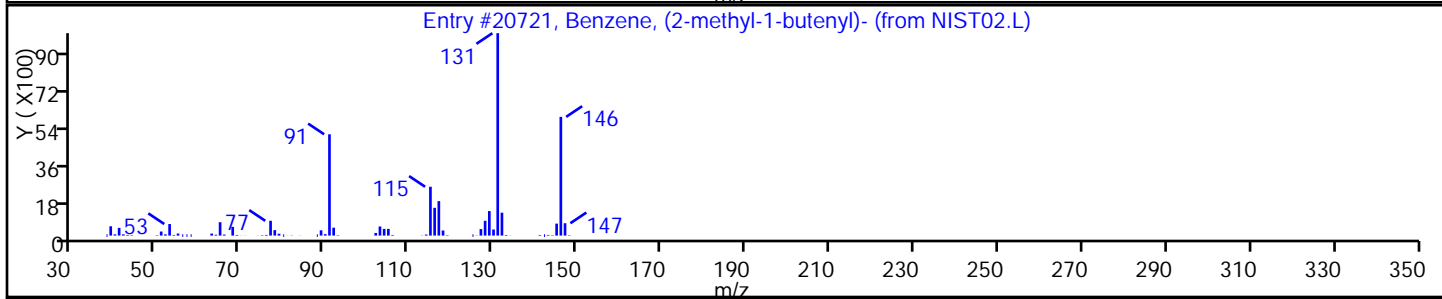
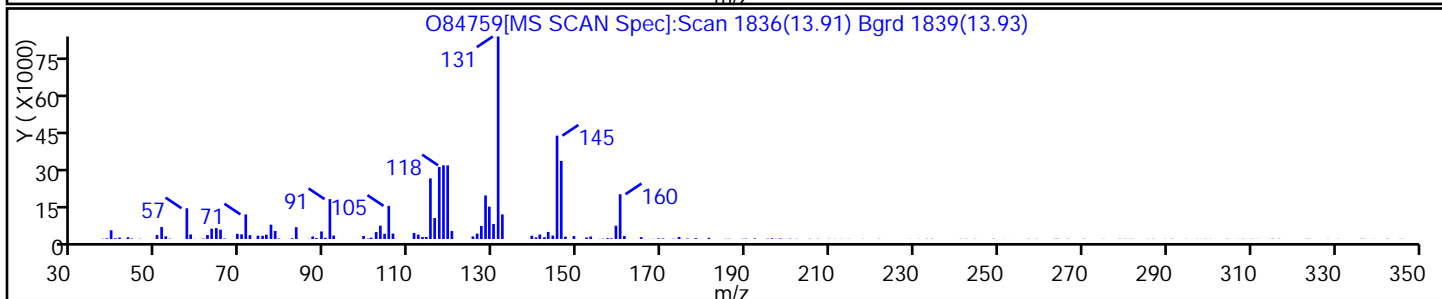
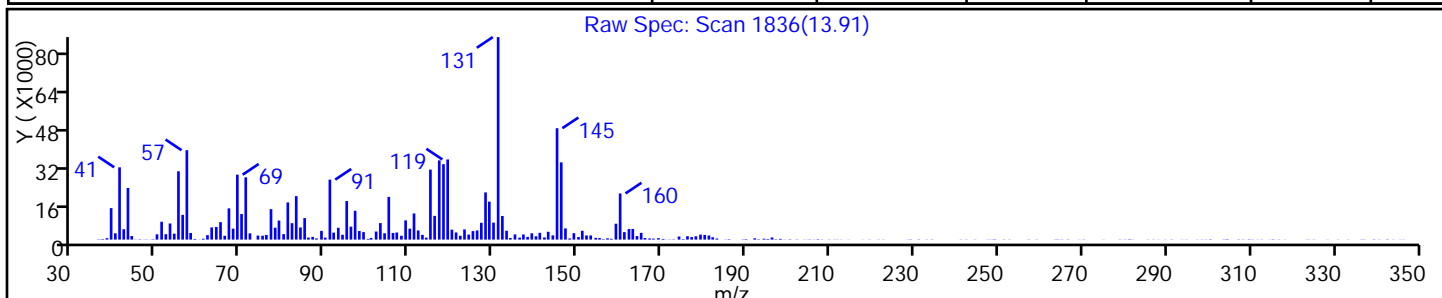
Method: 8260S_12

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	55
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	55
1H-Inden-1-one, 2,3-dihydro-2-methyl-	17496-14-9	NIST02.L	20674	C10H10O	146	53



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

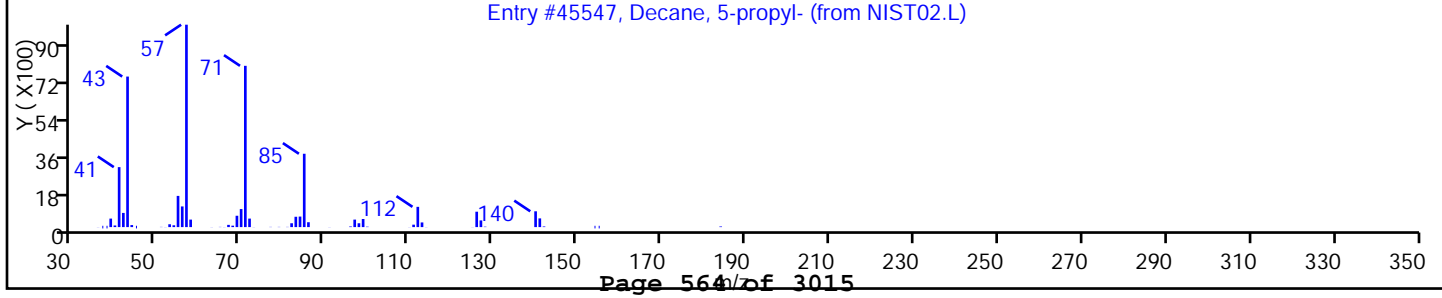
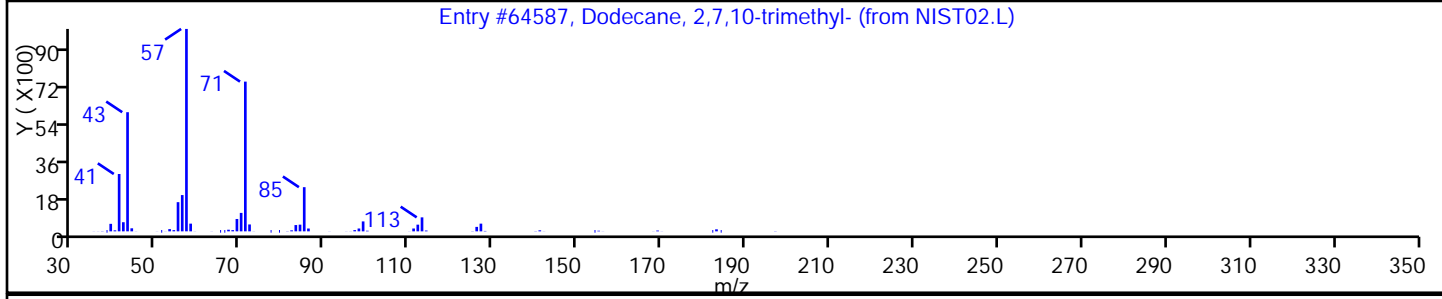
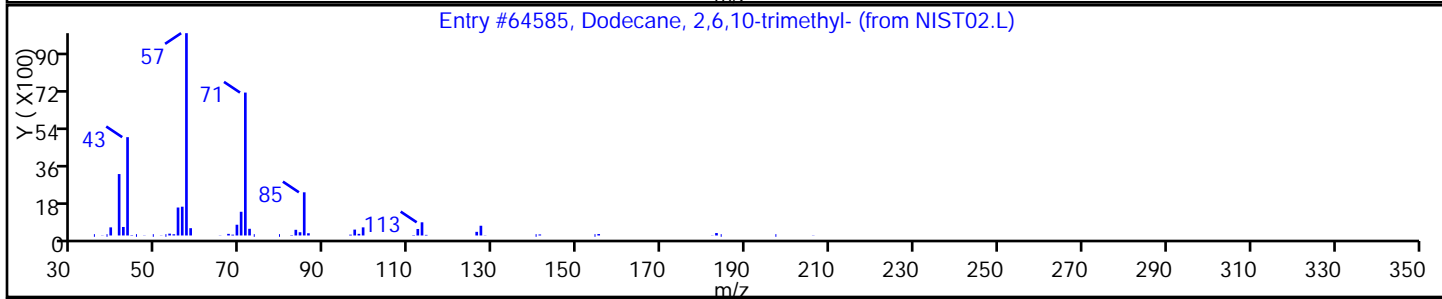
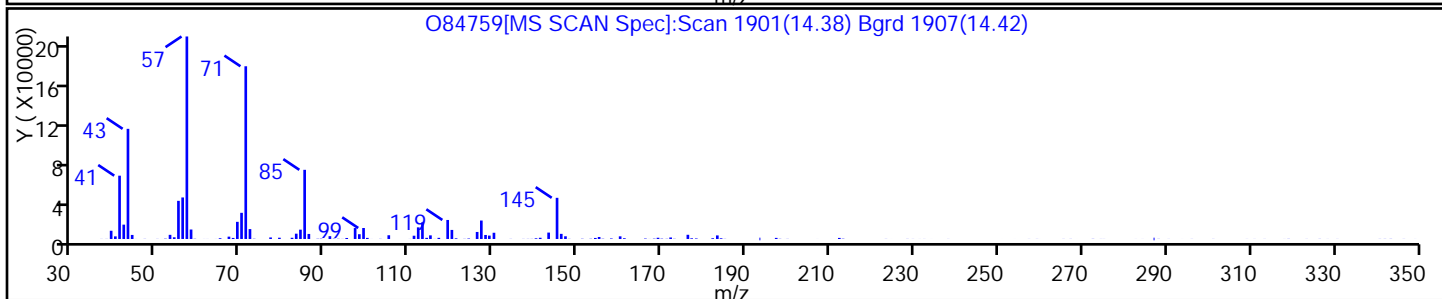
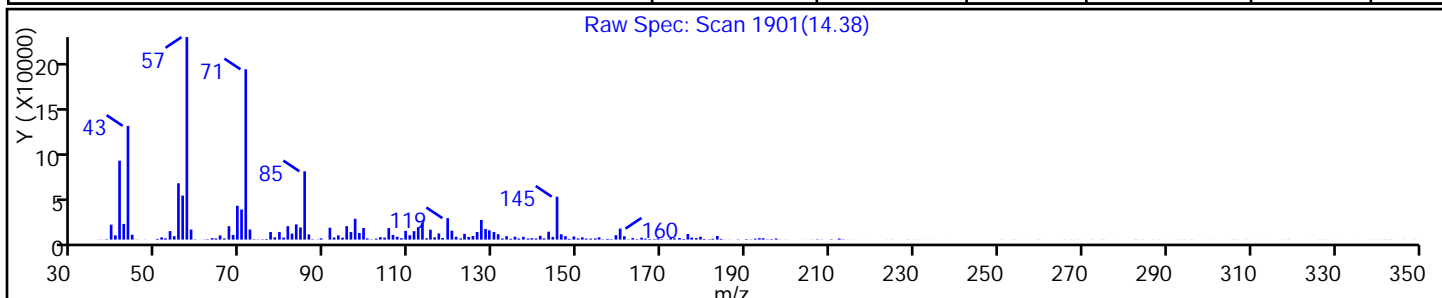
Method: 8260S_12

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	72
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	72
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	58



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

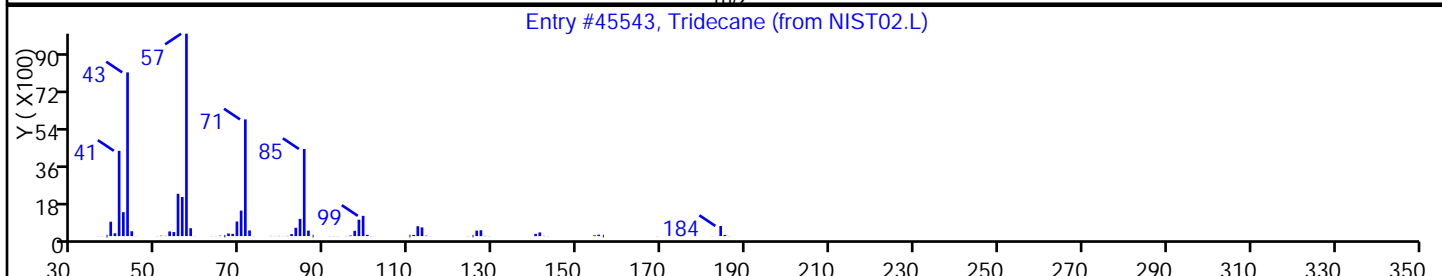
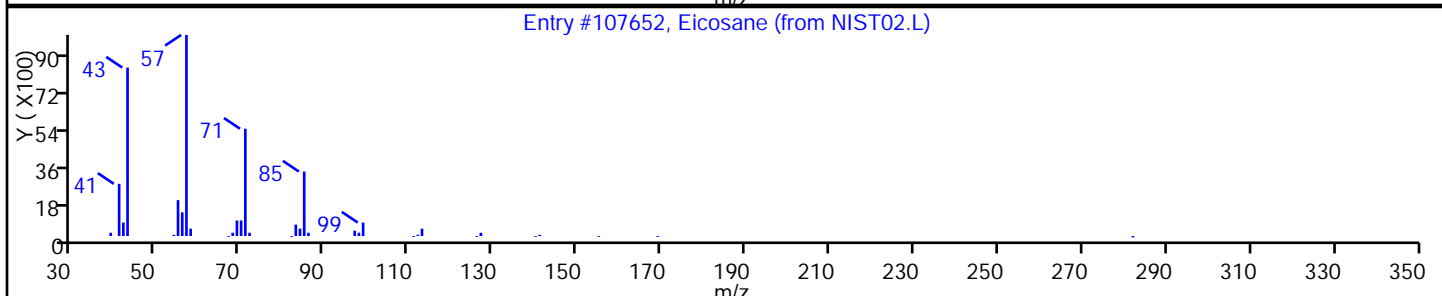
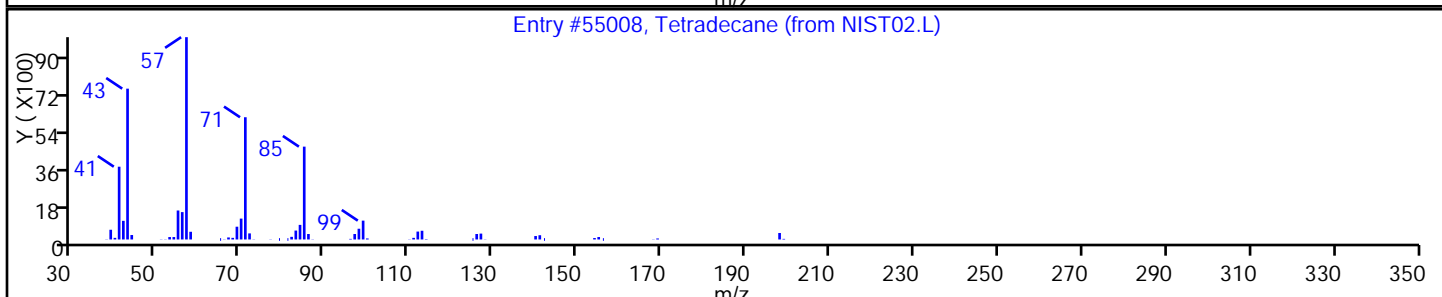
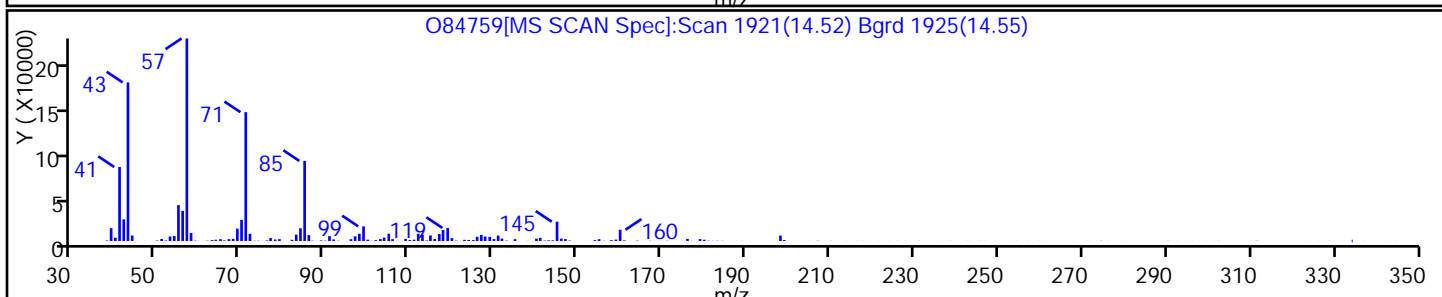
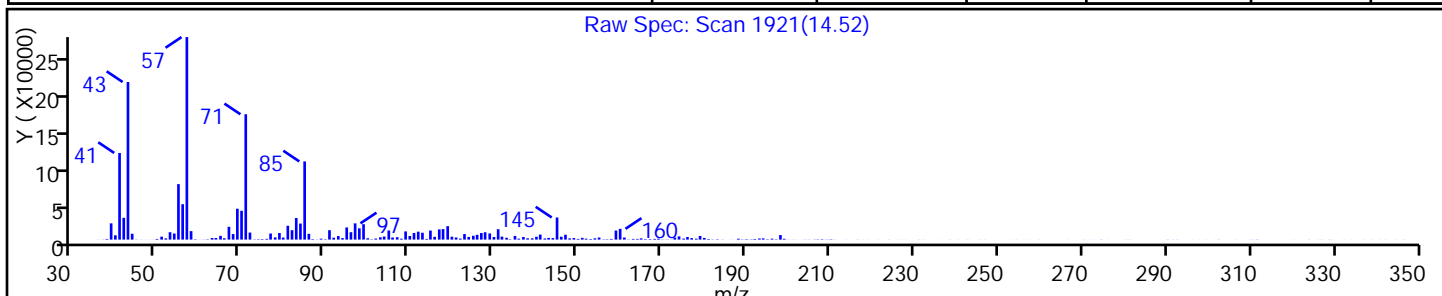
Method: 8260S_12

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	55008	C14H30	198	90
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	64
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

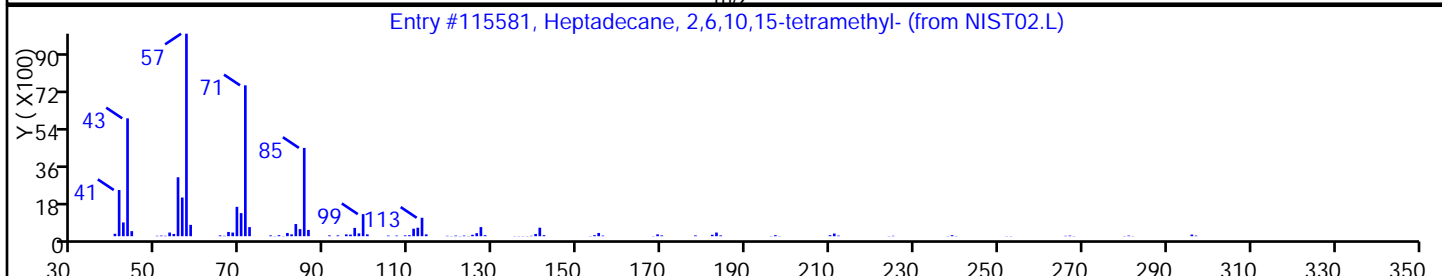
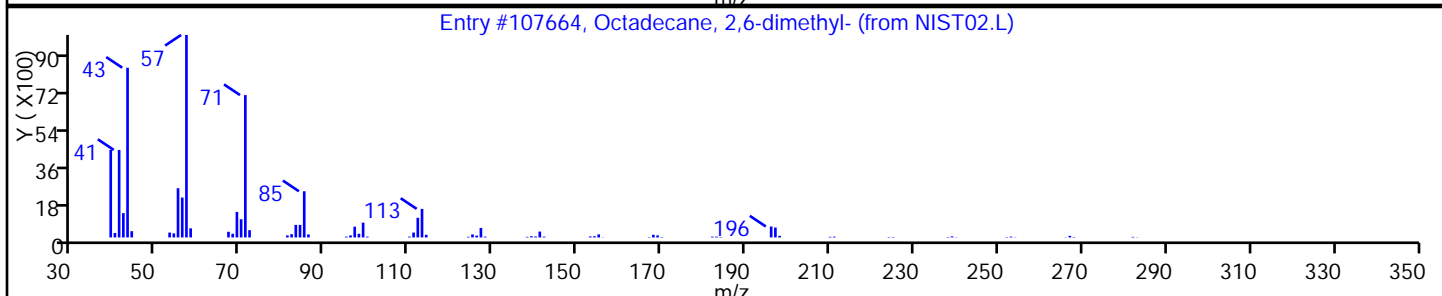
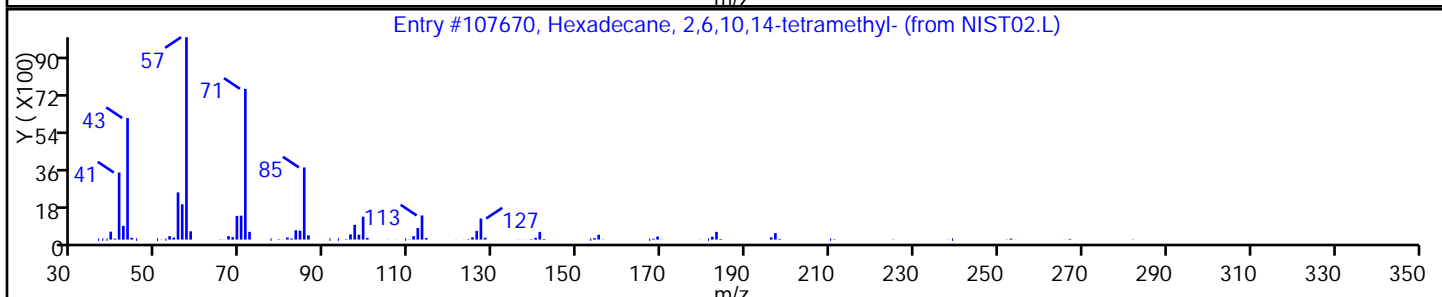
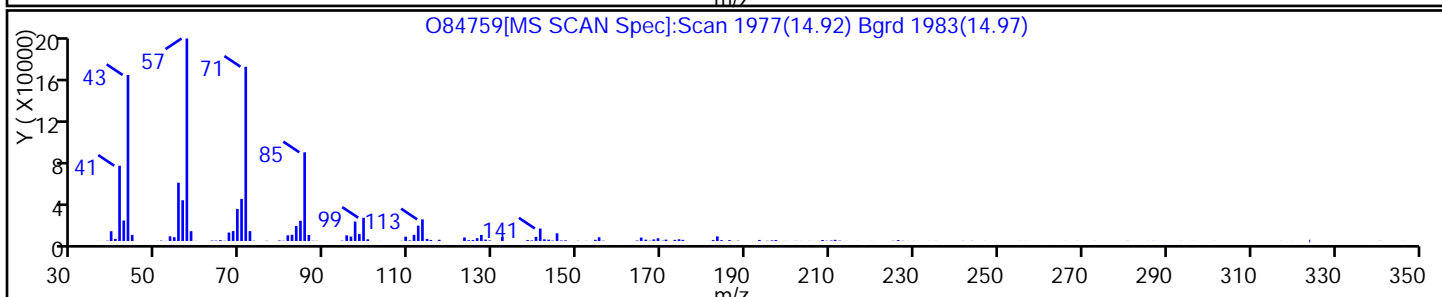
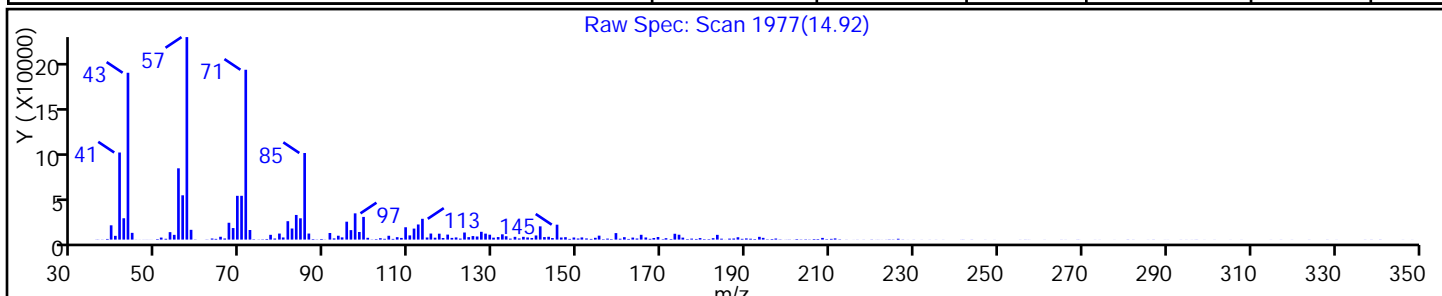
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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	83
Octadecane, 2,6-dimethyl-	75163-97-2	NIST02.L	107664	C20H42	282	80
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84759.D

Injection Date: 13-Mar-2014 22:36:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

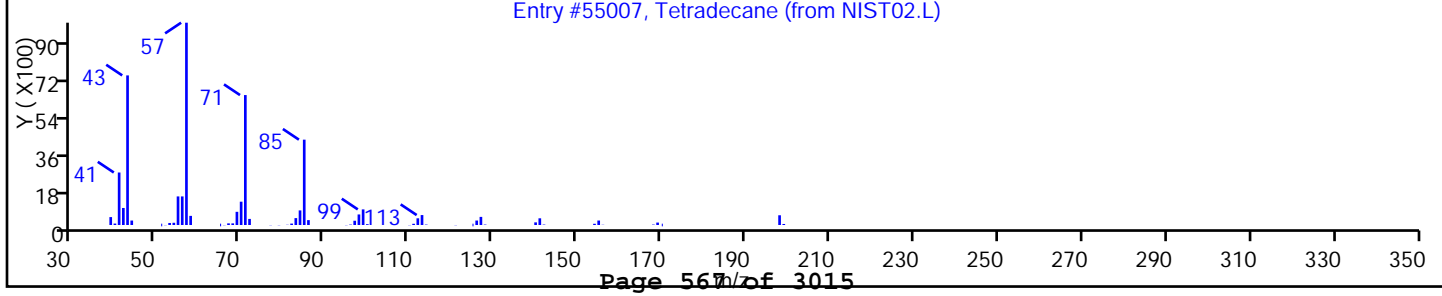
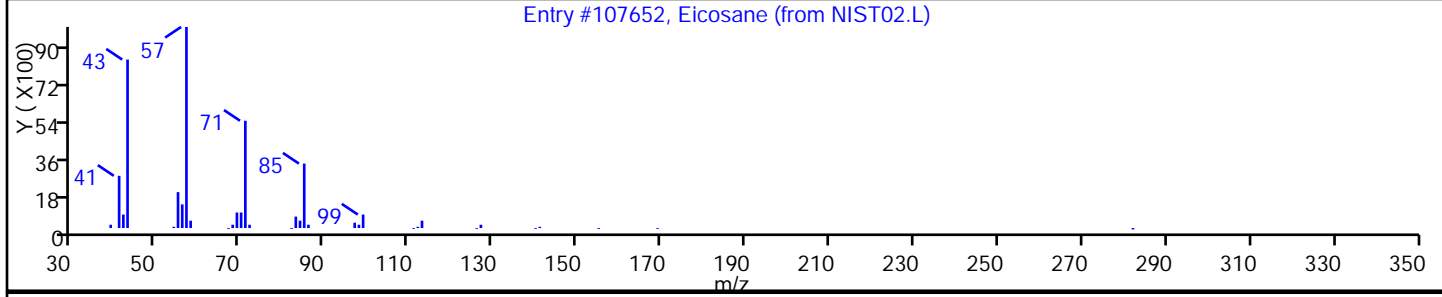
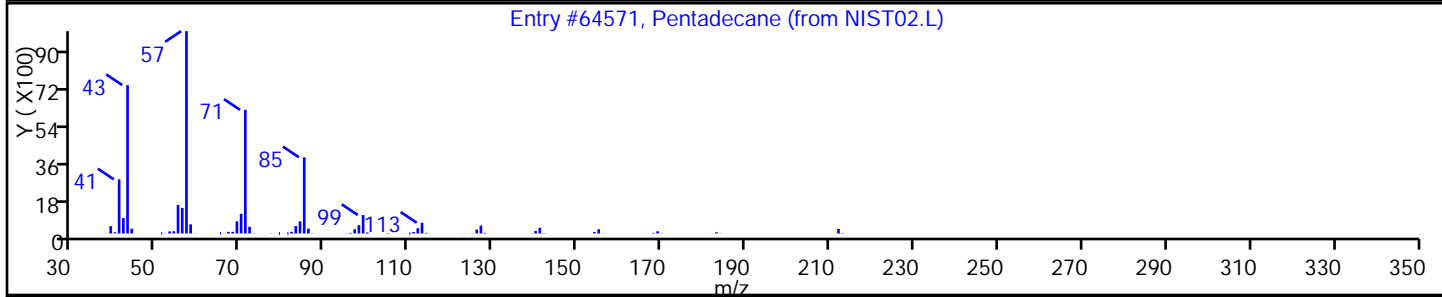
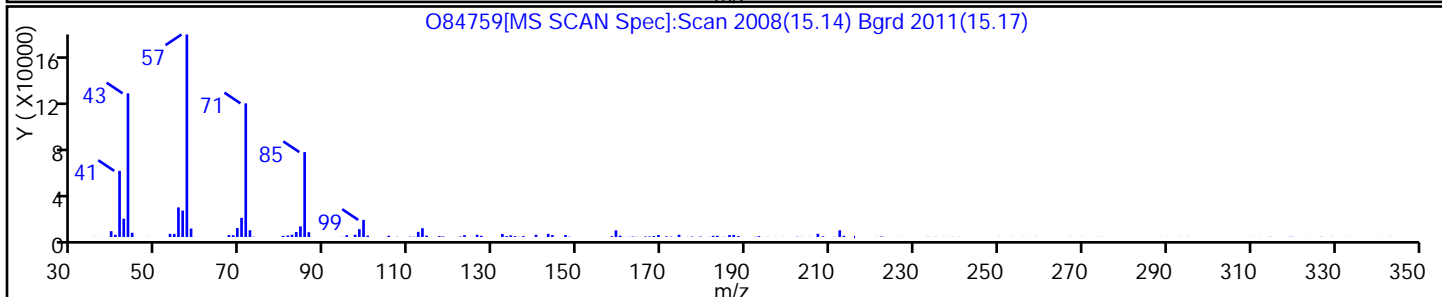
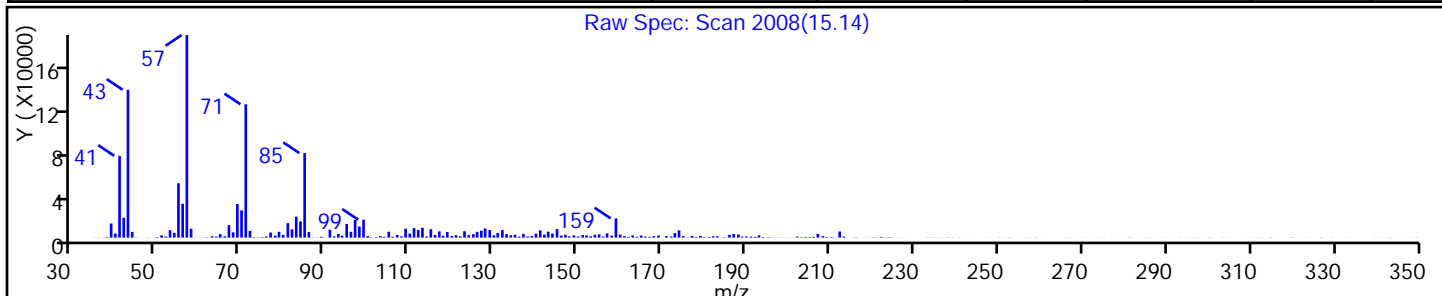
Method: 8260S_12

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	64571	C15H32	212	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: O84760.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:45
 Sample wt/vol: 6.684(g) Date Analyzed: 03/13/2014 23:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 12.4 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.47	J	0.85	0.13
67-64-1	Acetone	9.5	B	4.3	1.4
75-15-0	Carbon disulfide	0.31	J	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	0.54	J	0.85	0.11
156-59-2	cis-1,2-Dichloroethene	3.9		0.85	0.094
67-66-3	Chloroform	1.5		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	0.15	U	0.85	0.15
100-42-5	Styrene	0.24	U	0.85	0.24
100-41-4	Ethylbenzene	0.15	U	0.85	0.15
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	3.8		0.85	0.10
108-88-3	Toluene	0.12	J	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	0.085	U	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: O84760.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:45
 Sample wt/vol: 6.684(g) Date Analyzed: 03/13/2014 23:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 12.4 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.094	U	0.85	0.094
120-82-1	1,2,4-Trichlorobenzene	1.0		0.85	0.16
87-61-6	1,2,3-Trichlorobenzene	2.0		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	0.38	U	0.85	0.38
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)	90		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	95		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: O84760.D
 Analysis Method: 8260B Date Collected: 03/07/2014 09:45
 Sample wt/vol: 6.684(g) Date Analyzed: 03/13/2014 23:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 12.4 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 1 TIC Result Total: 4.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
544-76-3	Hexadecane	15.77	4.3	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D
 Lims ID: 460-72180-A-5-A Lab Sample ID: 460-72180-5
 Client ID: PMP-15SW-SD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 23:01:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-5-A
 Misc. Info.: 460-0010824-011
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 10:10:36 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 10:10:36

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.592	-0.008	81	23037	11.1	
21 Carbon disulfide	76	1.663	1.656	0.007	93	6344	0.3584	
25 Methylene Chloride	84	1.821	1.821	0.0	55	3299	0.5459	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	522968	1000.0	
29 trans-1,2-Dichloroethene	96	1.978	1.978	0.0	83	3470	0.6351	
42 cis-1,2-Dichloroethene	96	2.652	2.652	0.0	90	29748	4.53	
47 Chloroform	83	2.895	2.895	0.0	91	16817	1.71	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	183841	47.0	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	85	181953	44.8	
* 59 Fluorobenzene	96	3.590	3.590	0.0	99	966495	50.0	
61 Trichloroethene	95	3.934	3.934	0.0	93	27485	4.42	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	88	46327	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	840302	45.3	
77 Toluene	91	5.338	5.331	0.007	70	3884	0.1412	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	87	707910	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	238020	47.7	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	98	349310	50.0	
124 1,2,4-Trichlorobenzene	180	13.181	13.181	0.0	90	9922	1.19	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	93	17980	2.36	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D
 Lims ID: 460-72180-A-5-A Lab Sample ID: 460-72180-5
 Client ID: PMP-15SW-SD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 23:01:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-5-A
 Misc. Info.: 460-0010824-011
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 10:10:36 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 10:10:36

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
15.767	218966	5.07	116	95	73966	C16H34	226	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	2160153	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Worklist Smp#: 11

Client ID: PMP-15SW-SD

Purge Vol: 5.000 mL

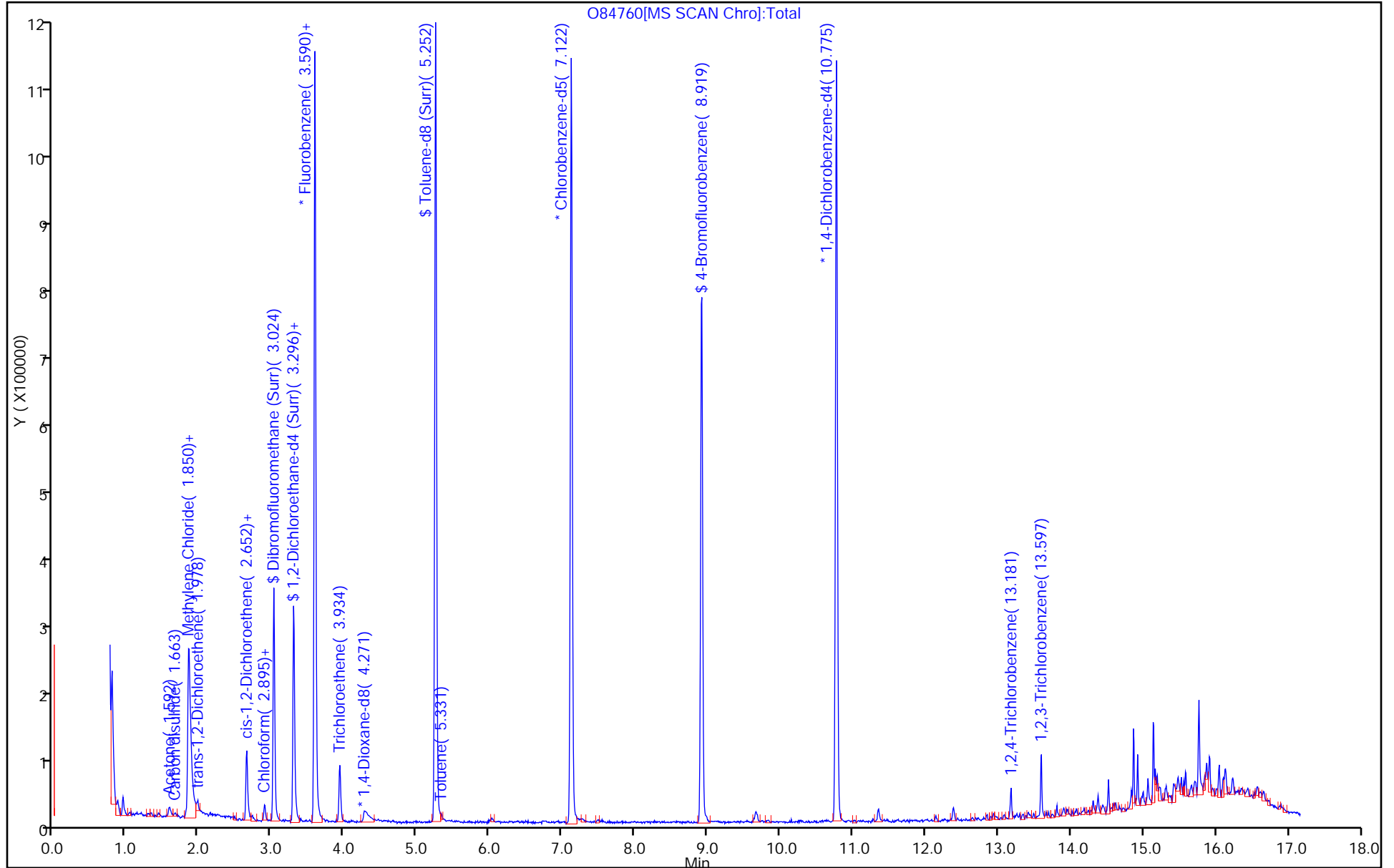
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

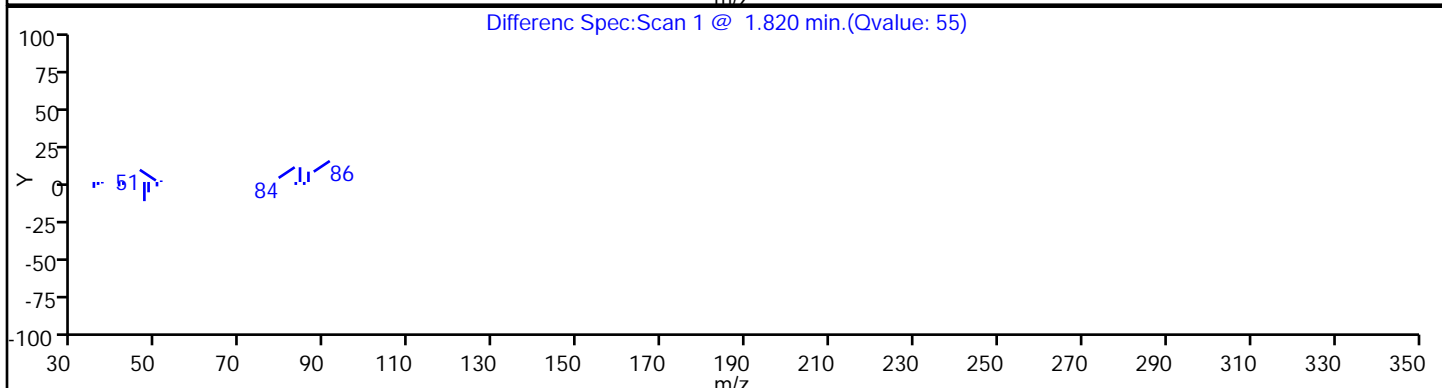
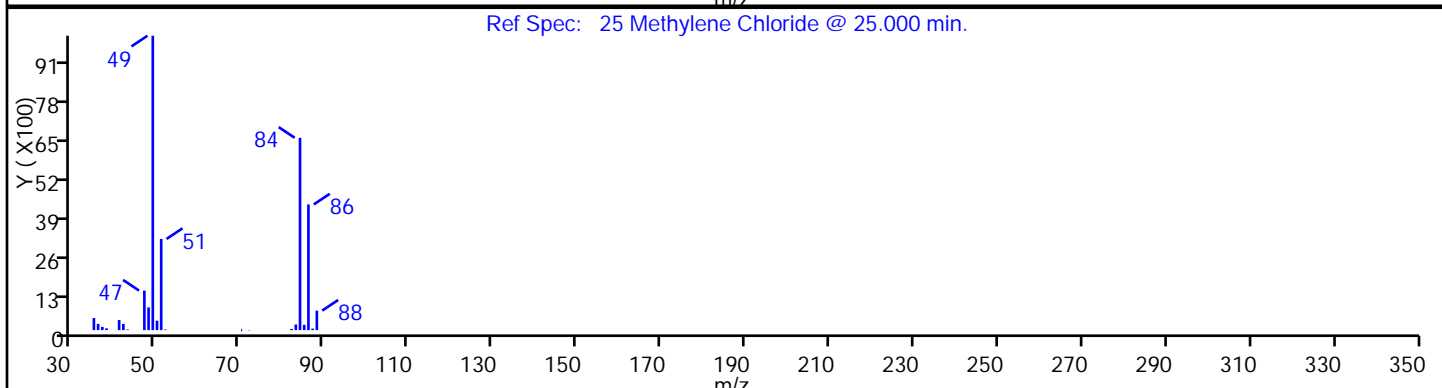
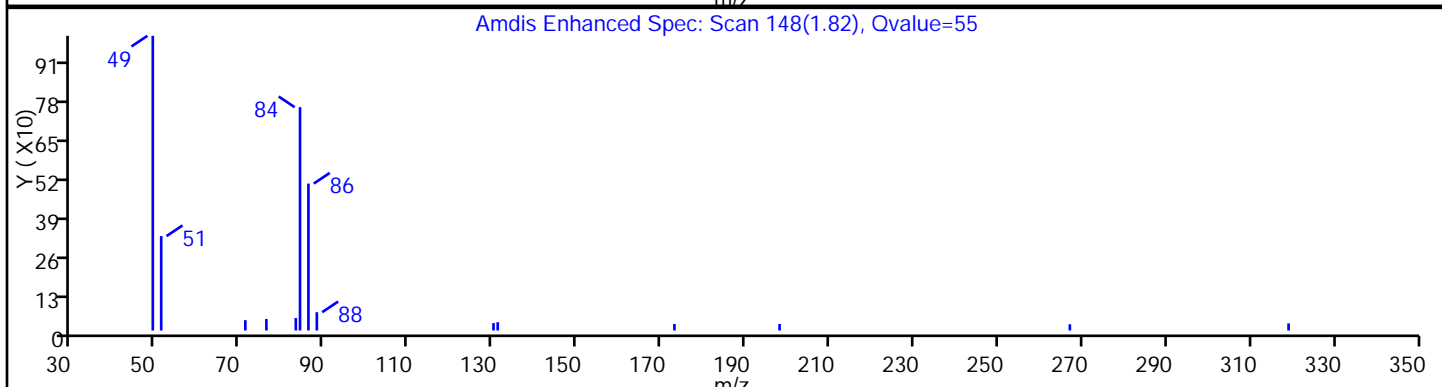
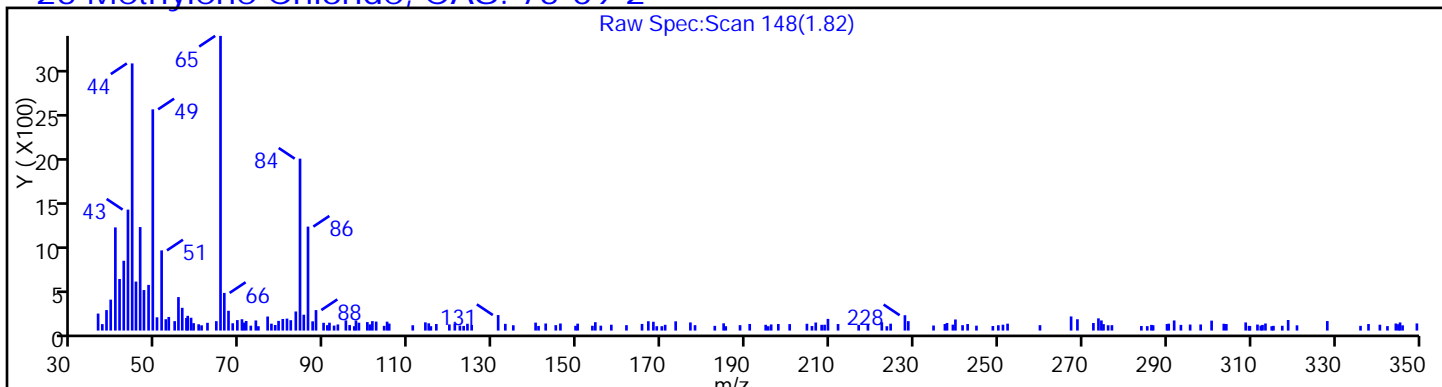
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

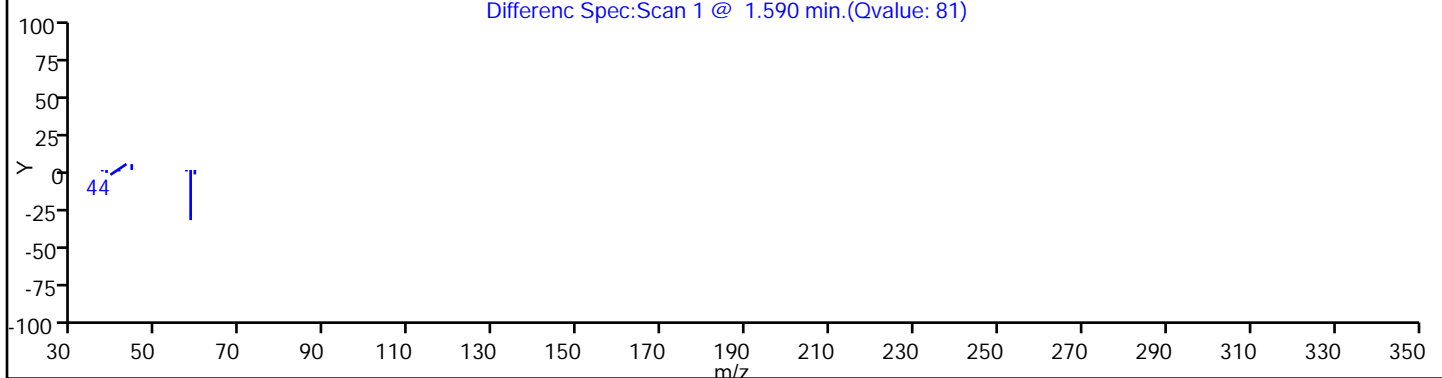
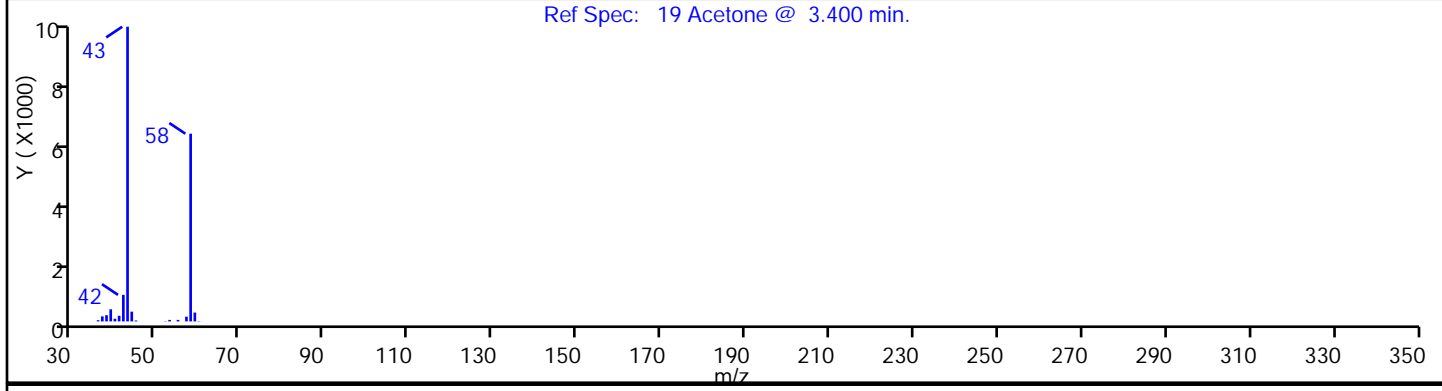
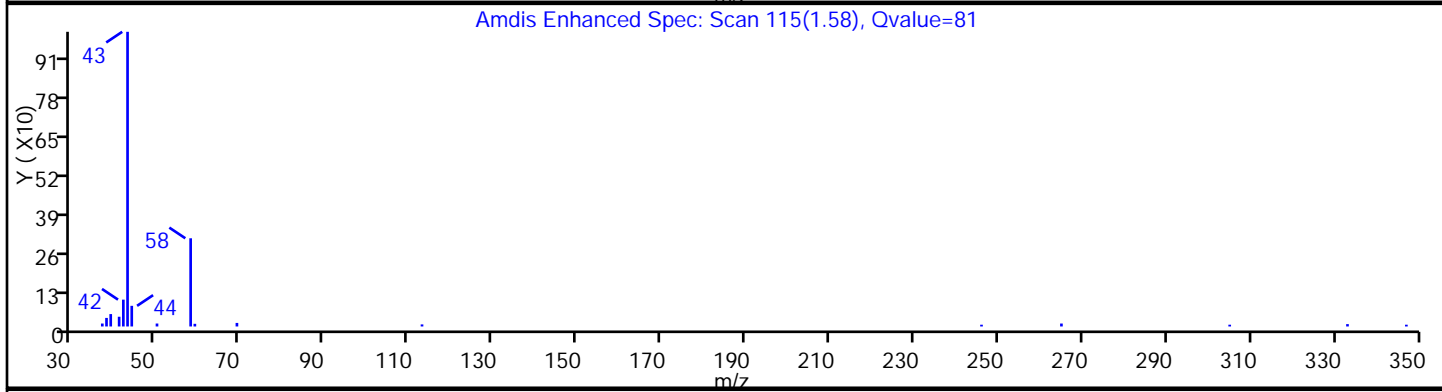
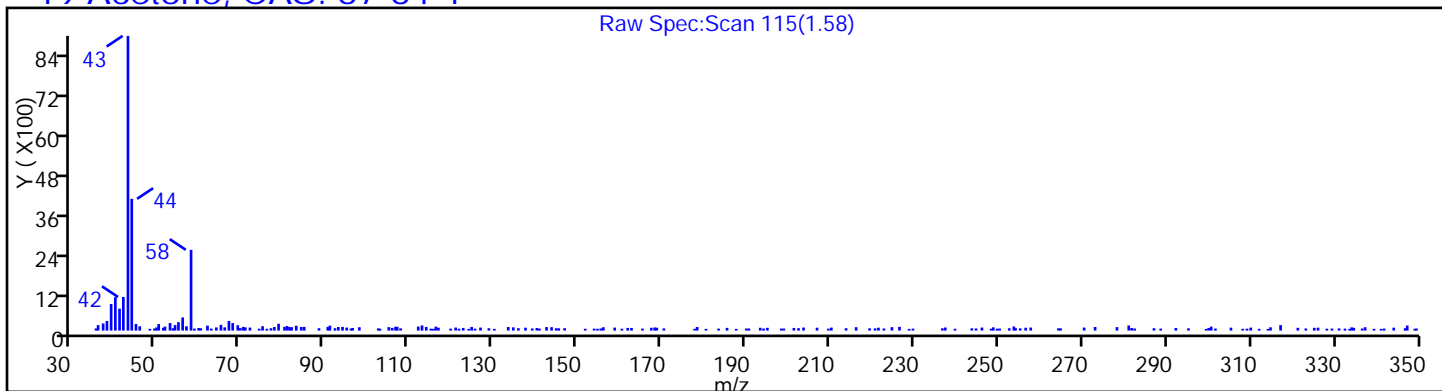
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

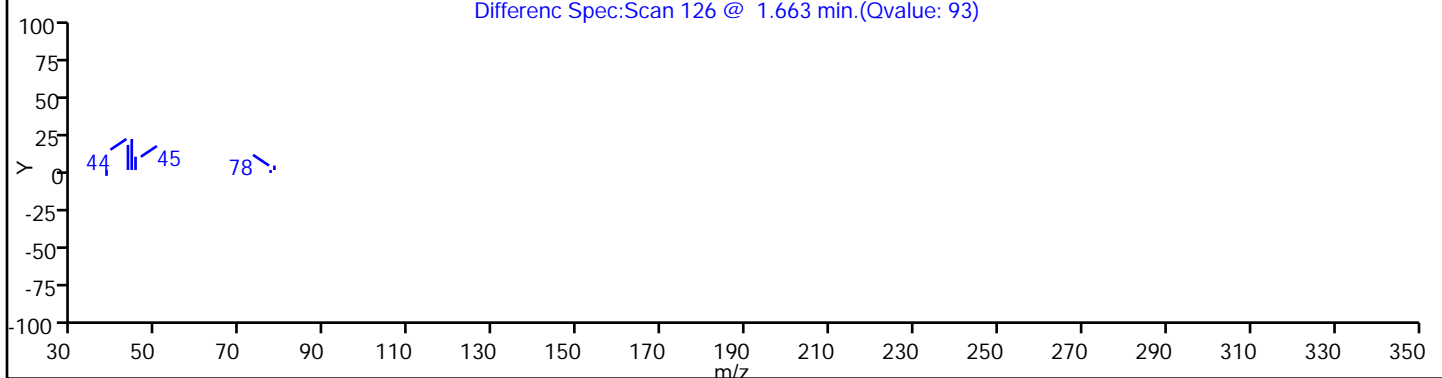
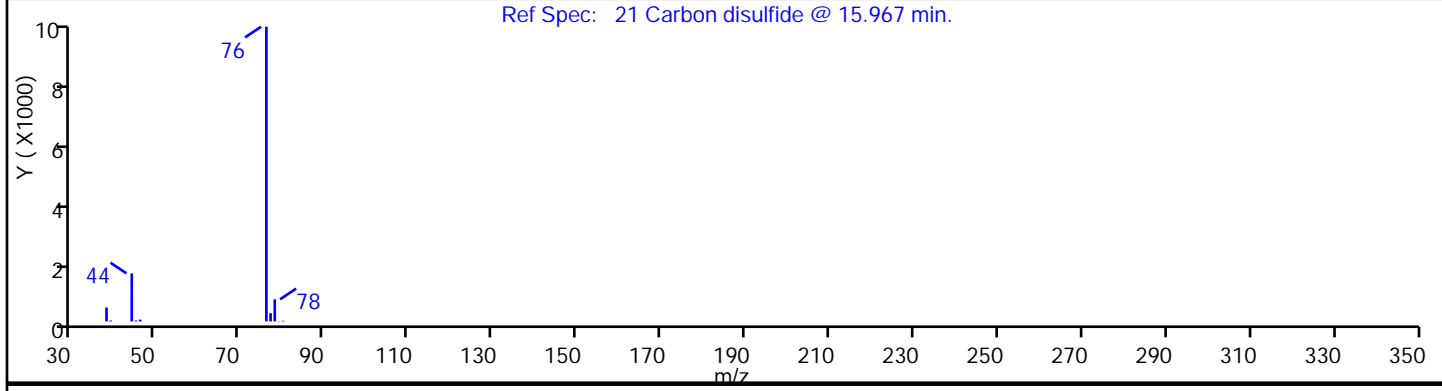
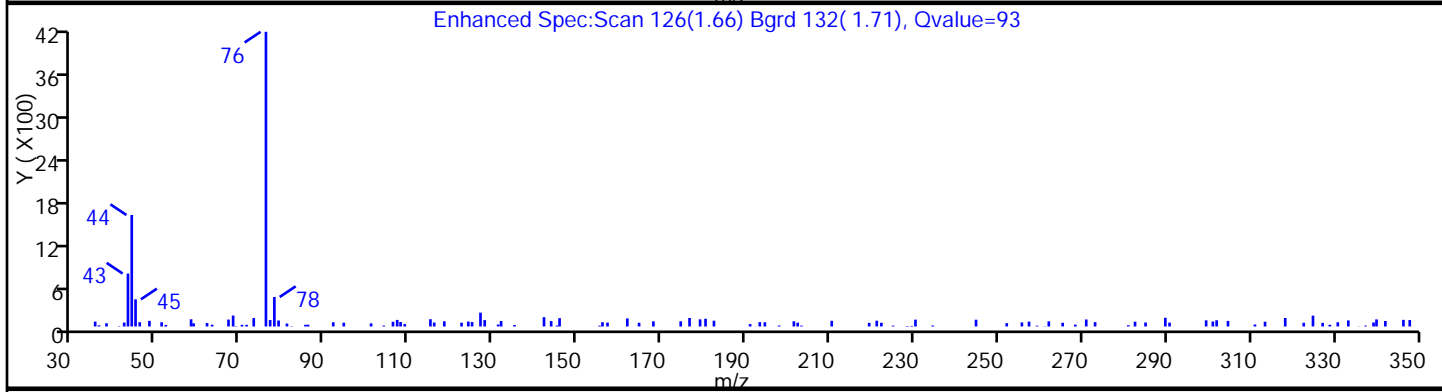
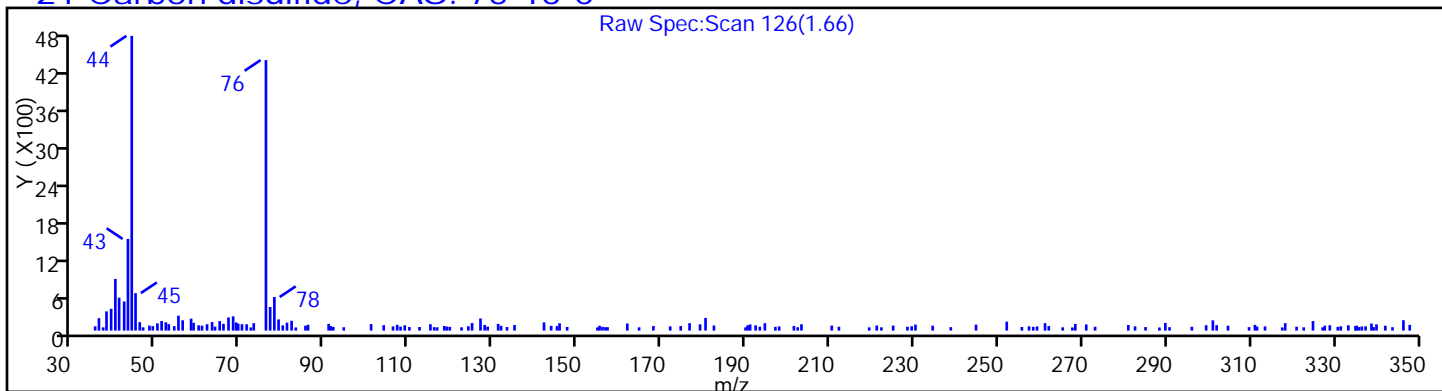
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

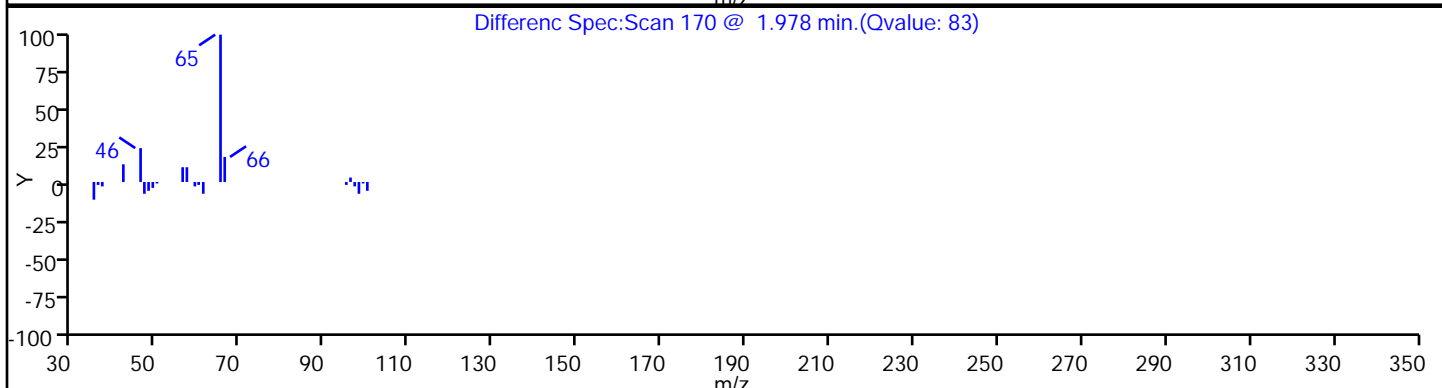
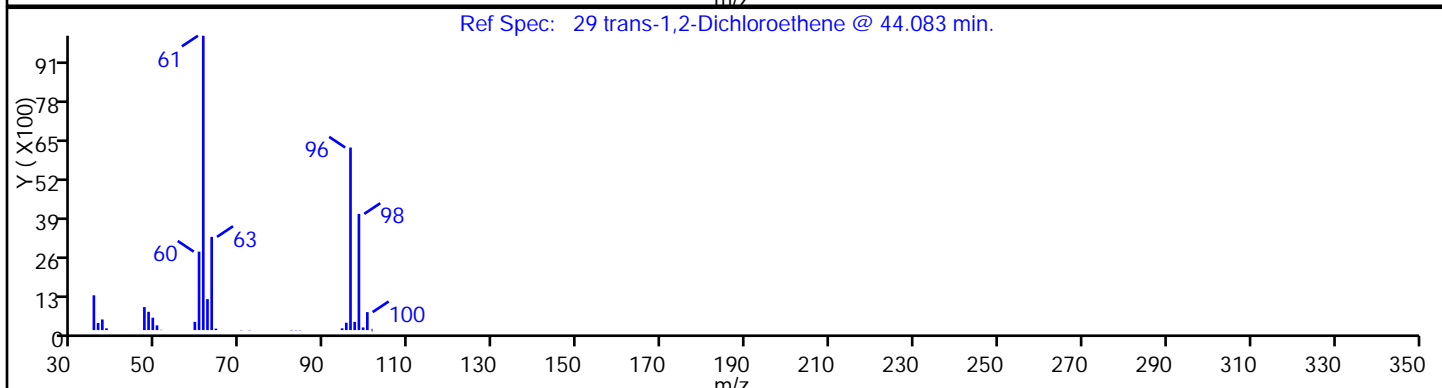
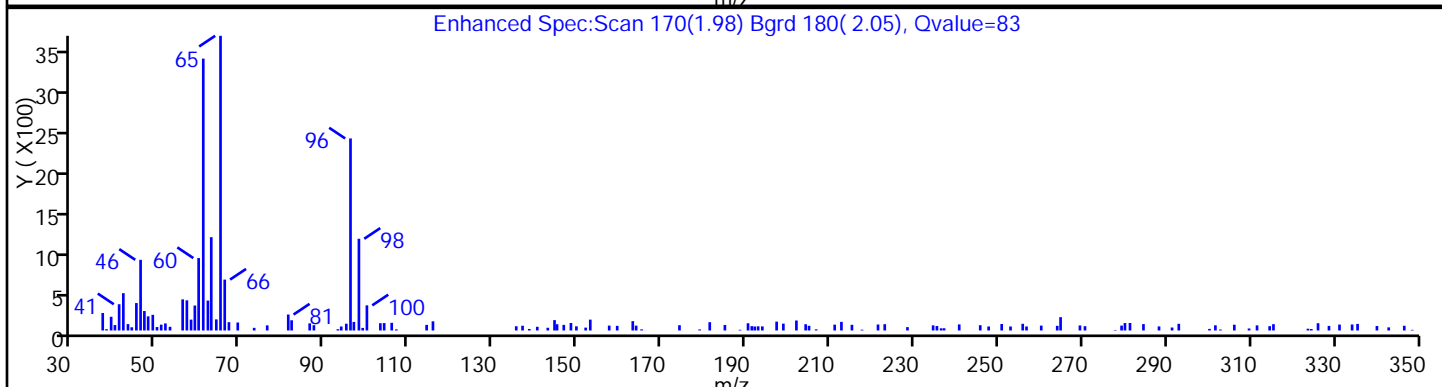
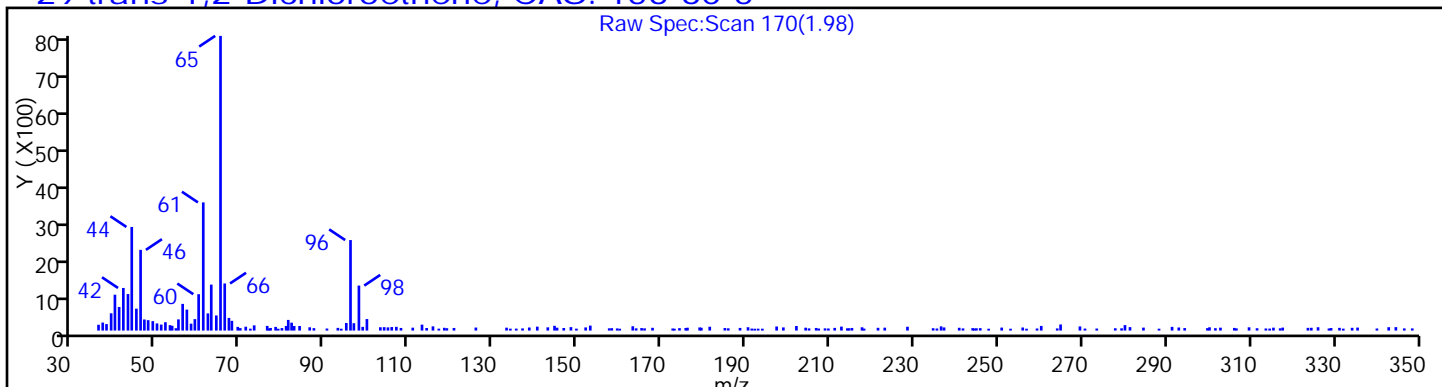
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

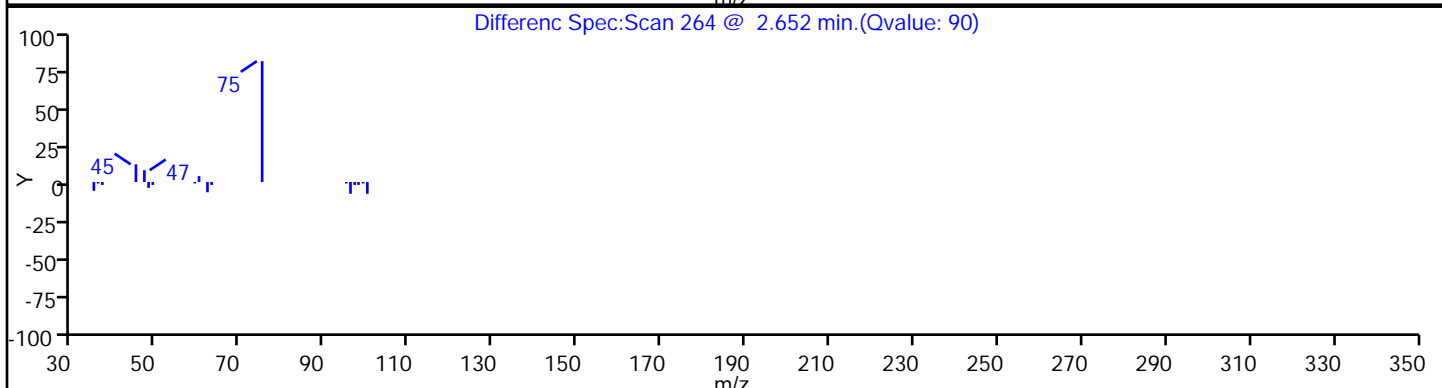
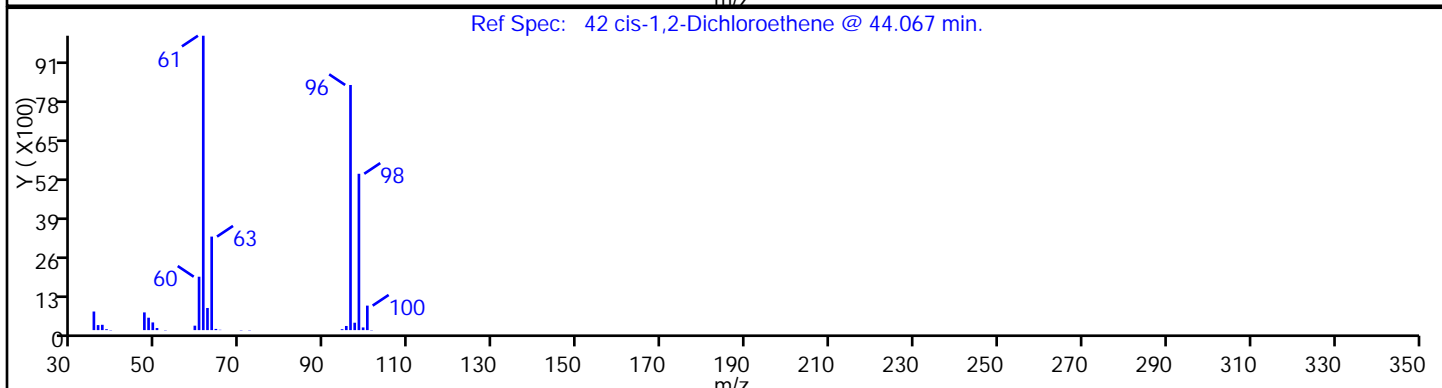
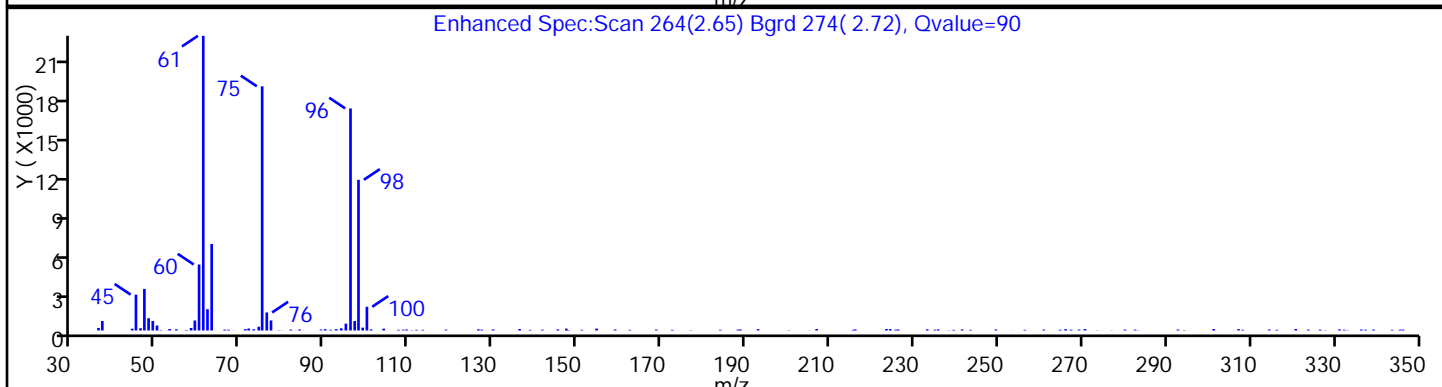
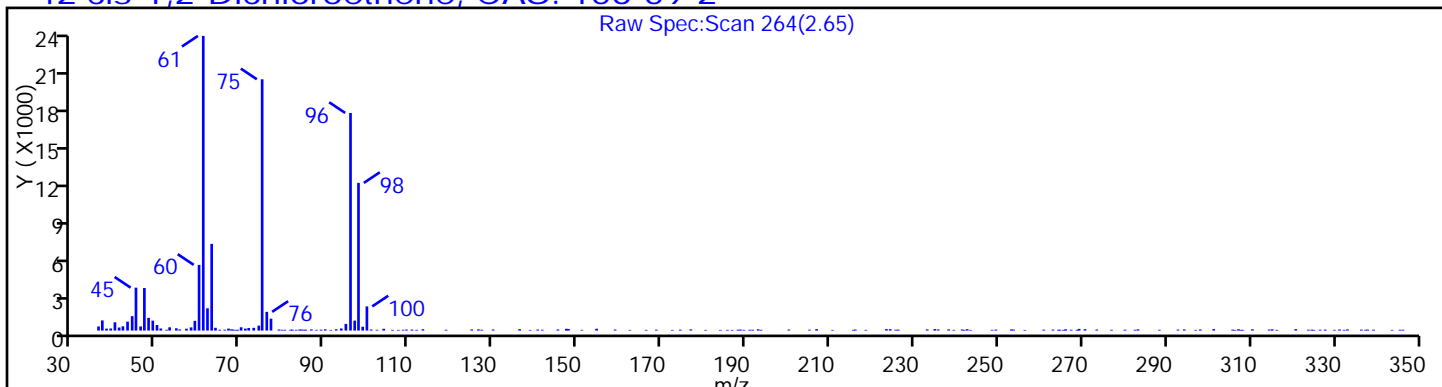
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

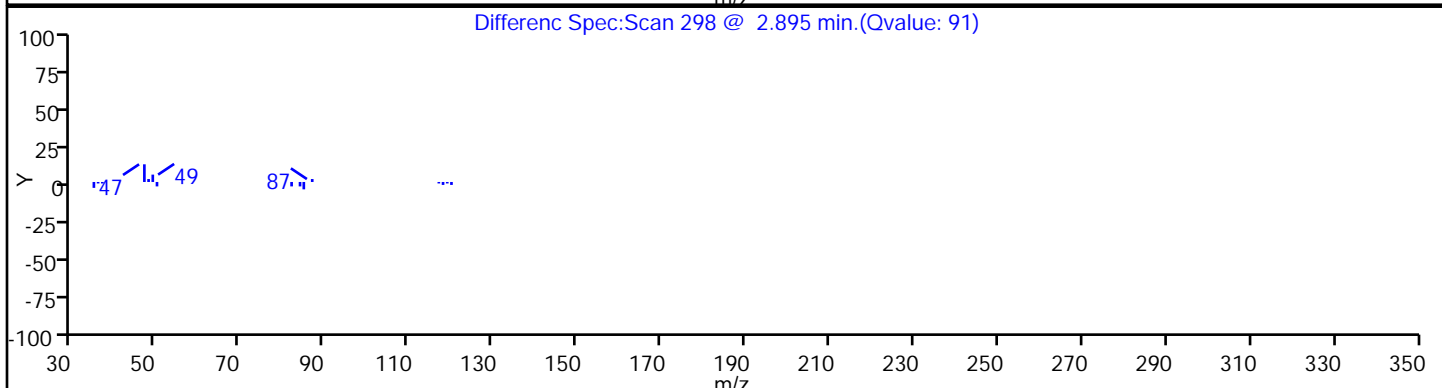
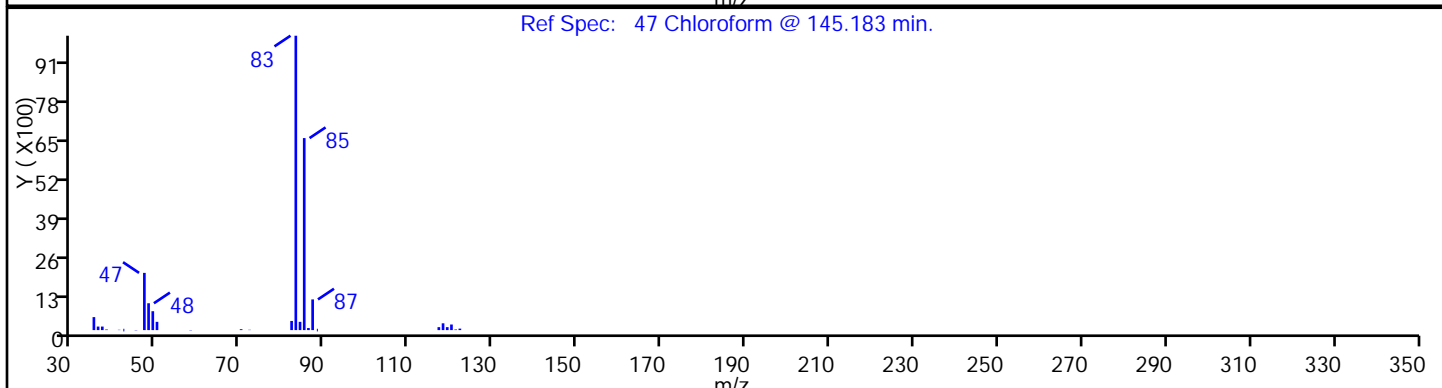
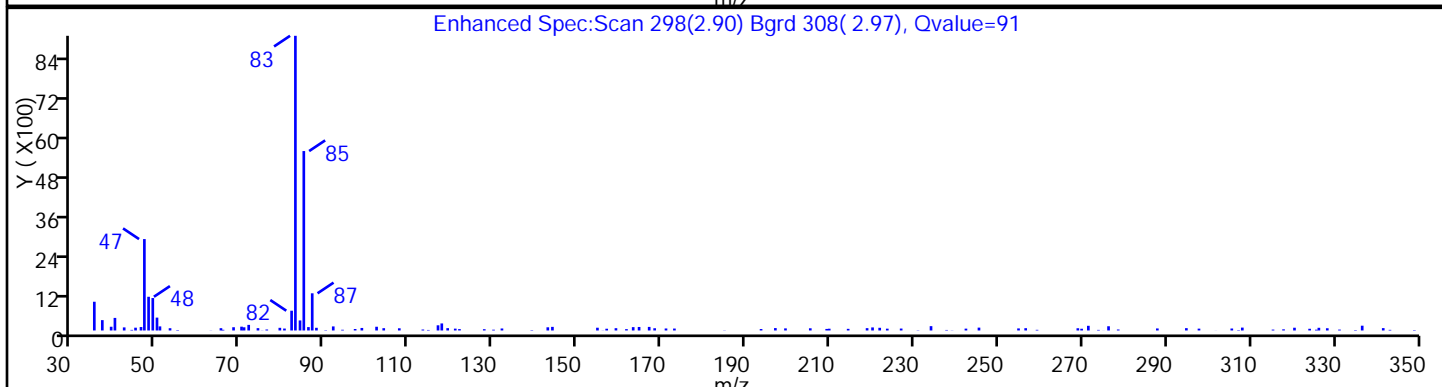
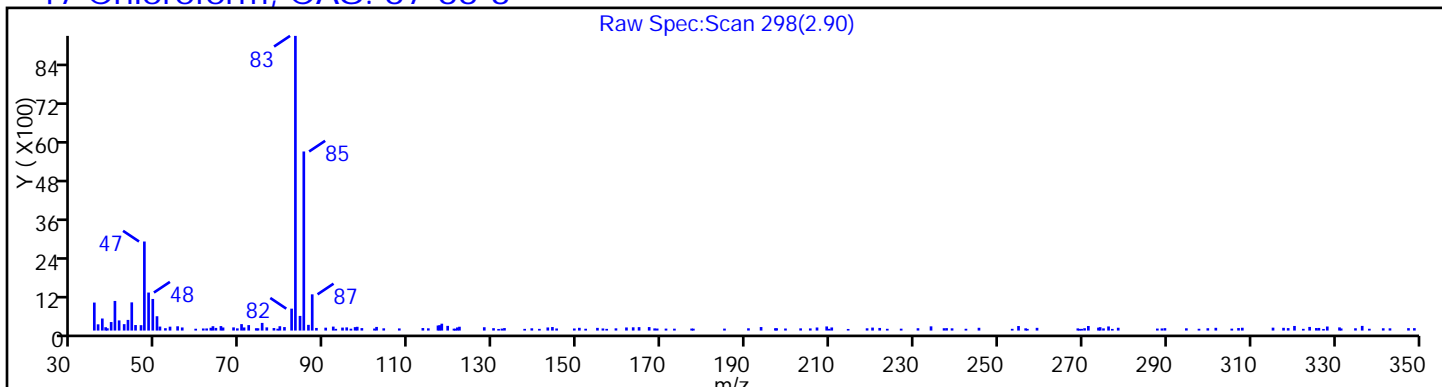
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

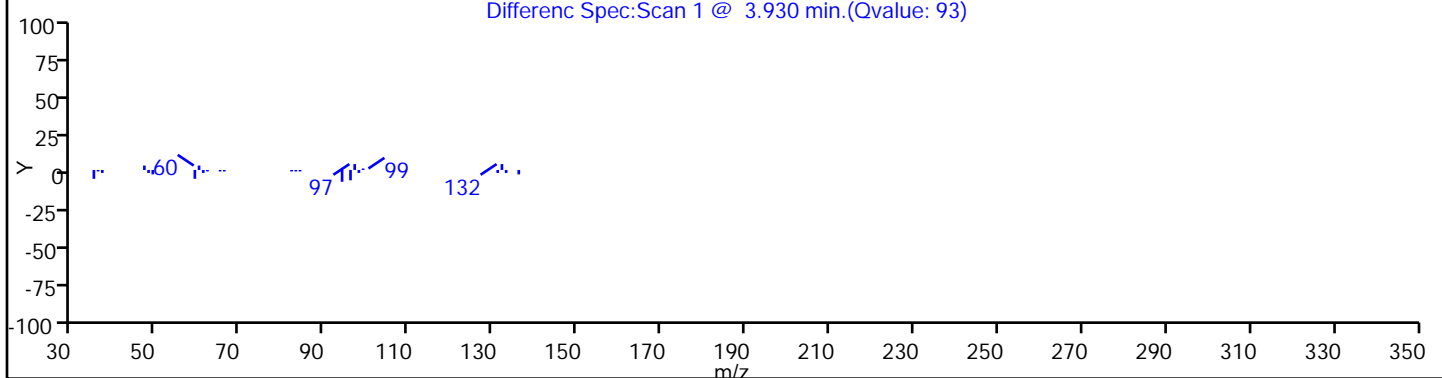
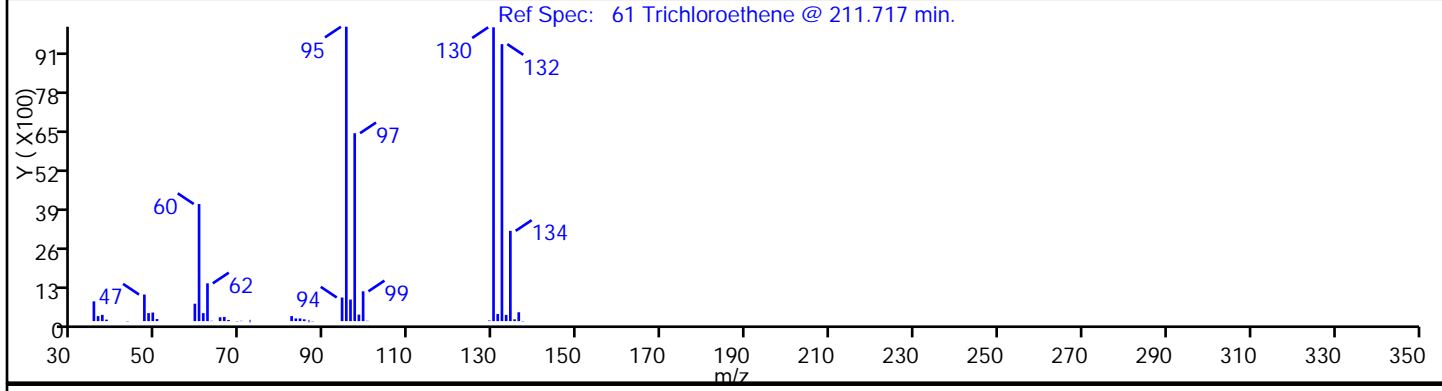
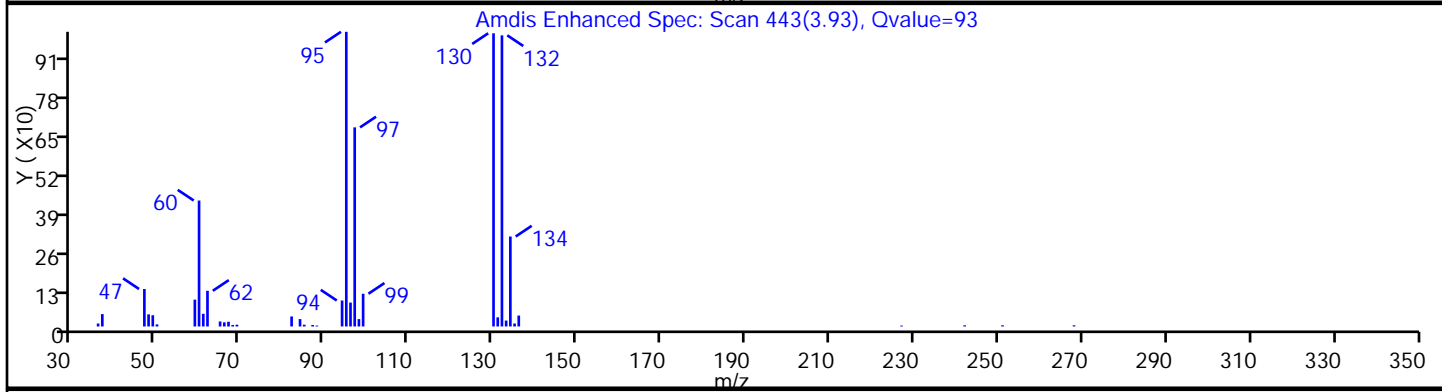
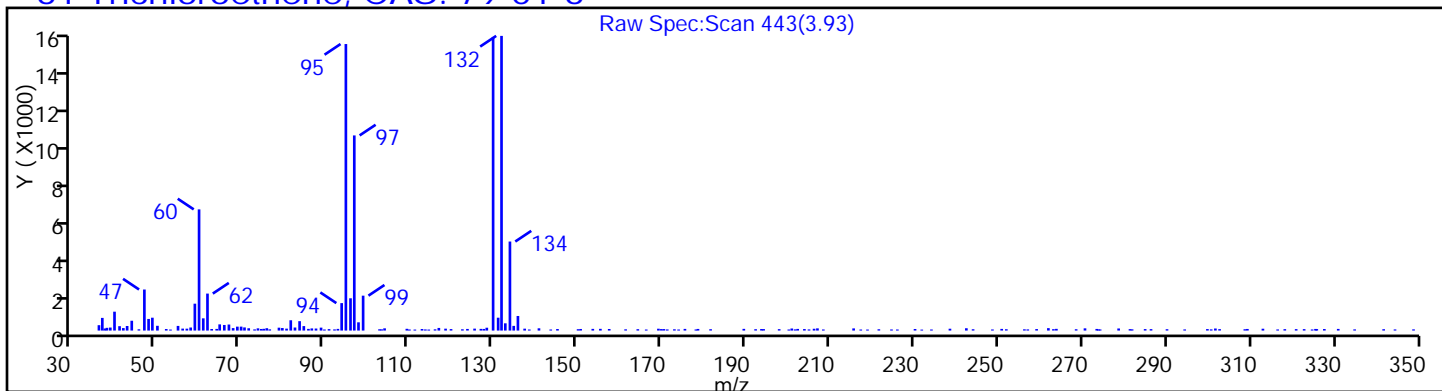
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

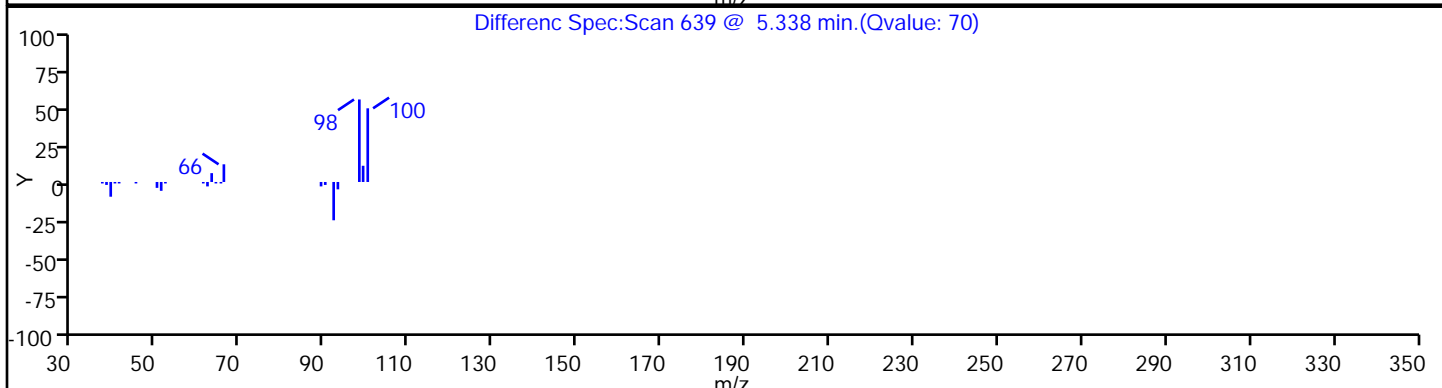
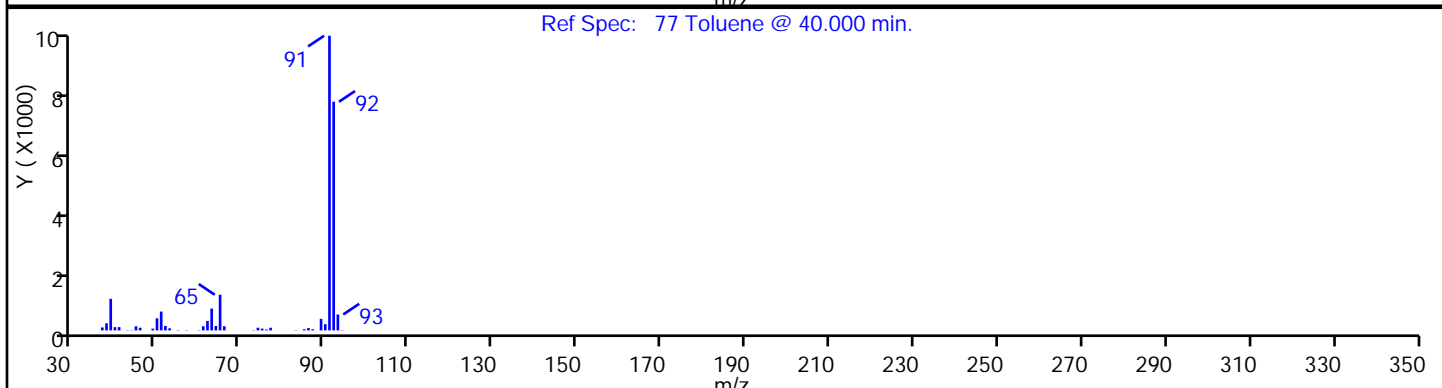
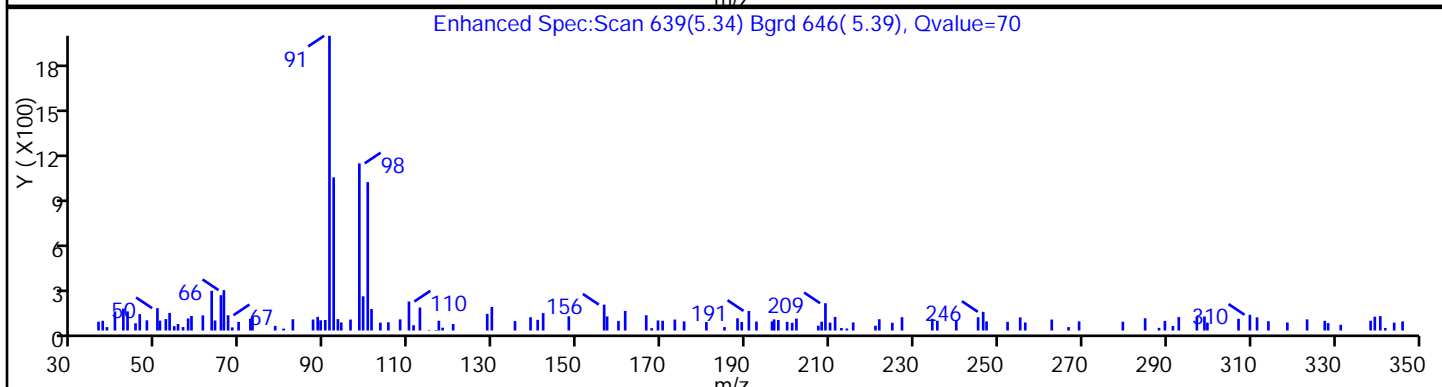
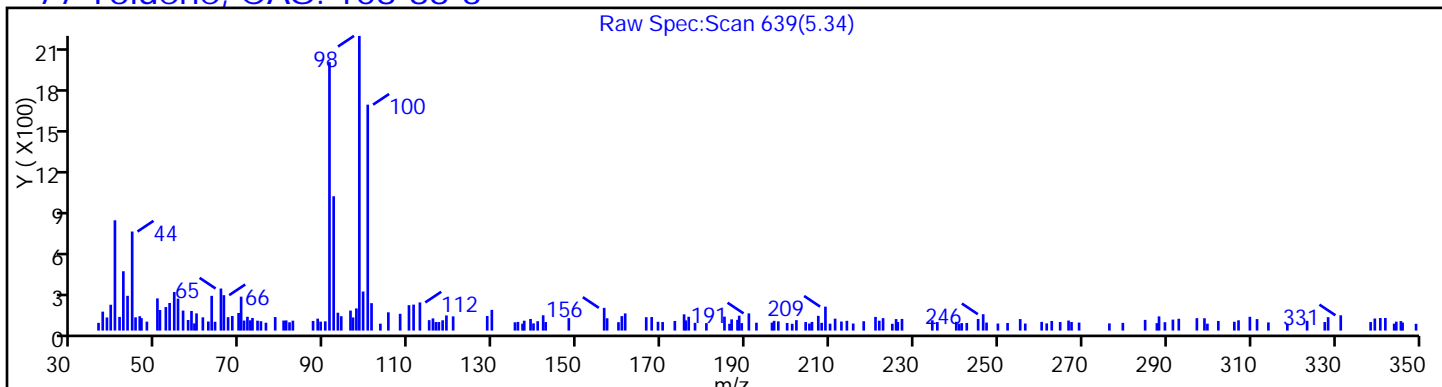
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

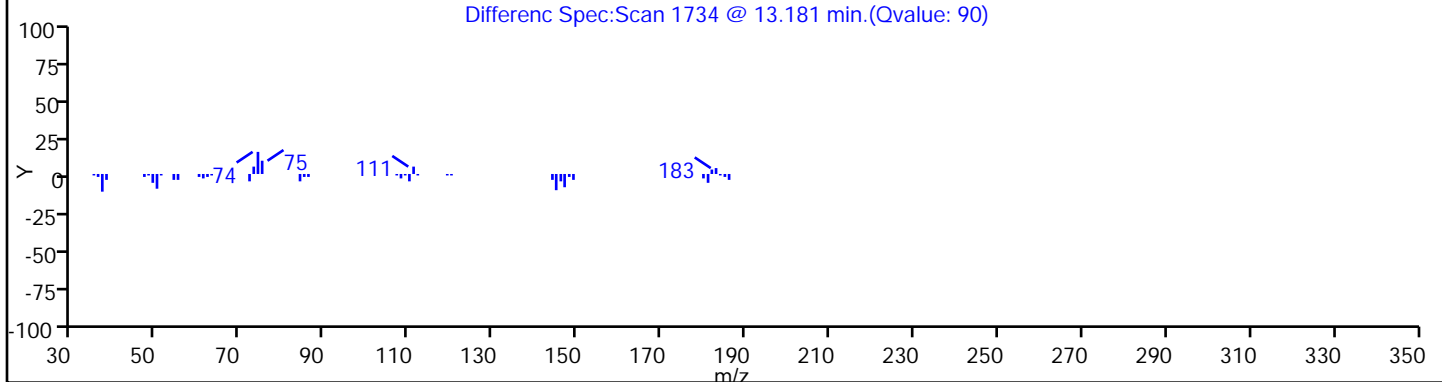
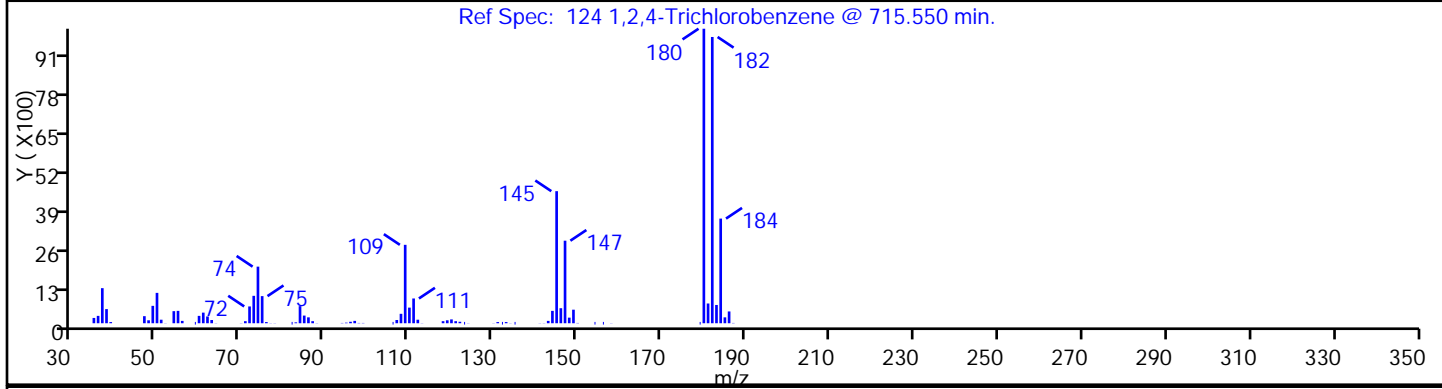
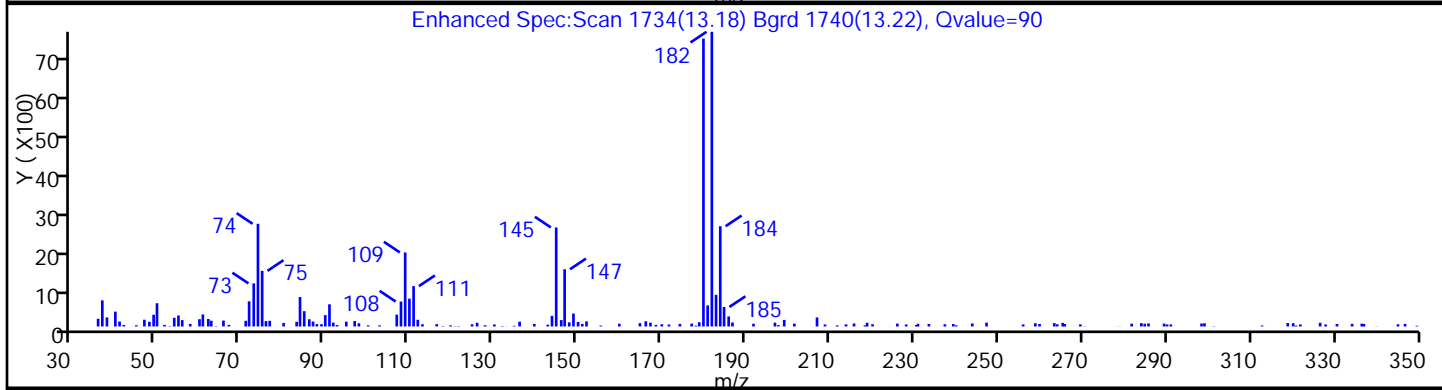
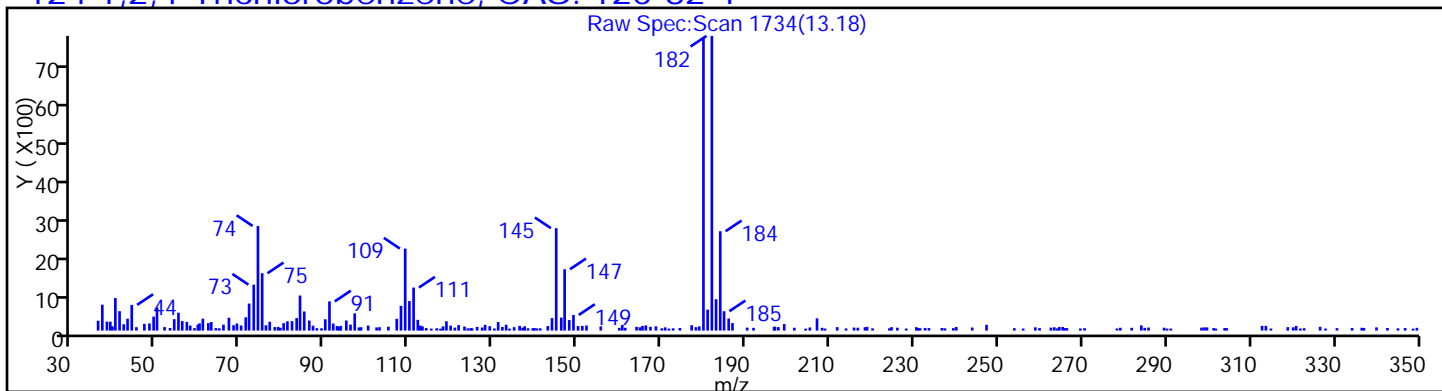
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

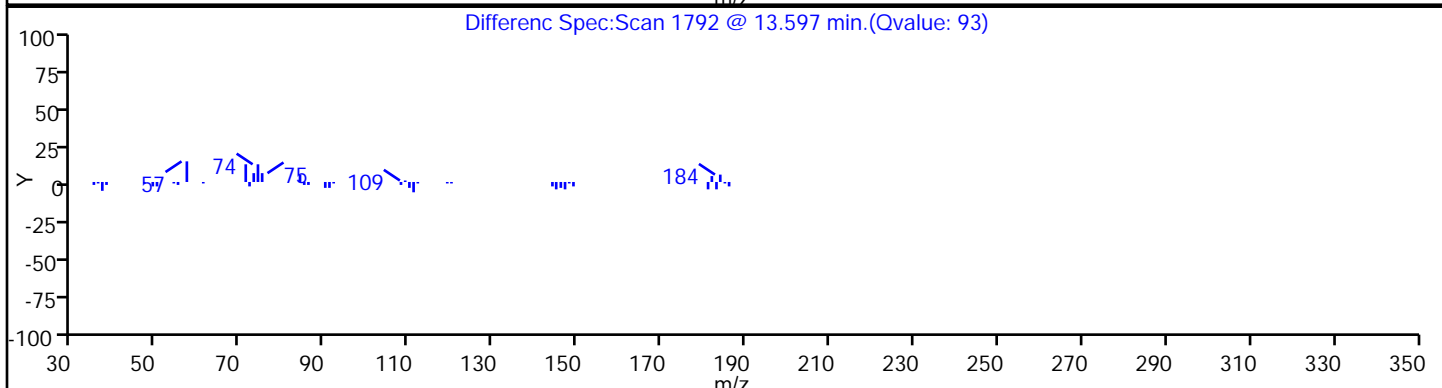
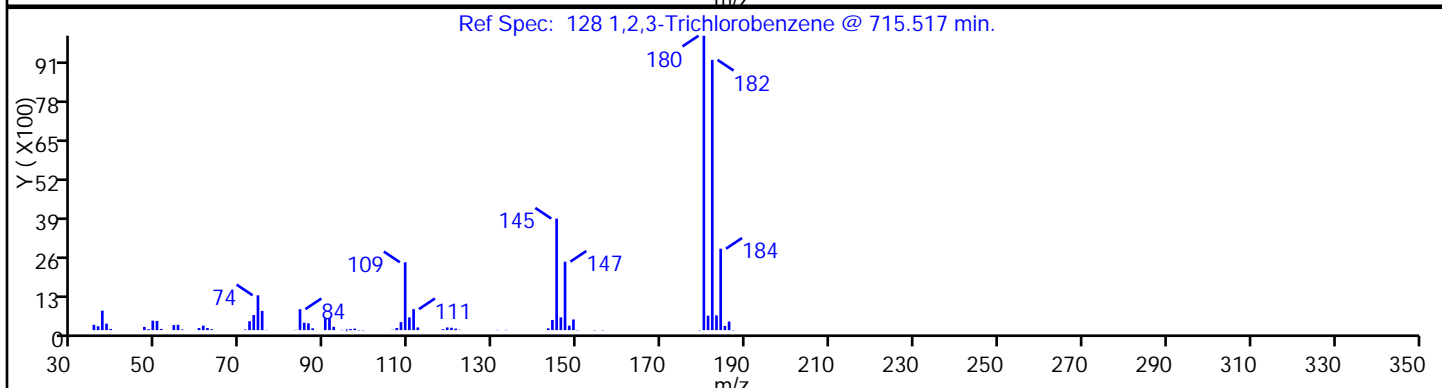
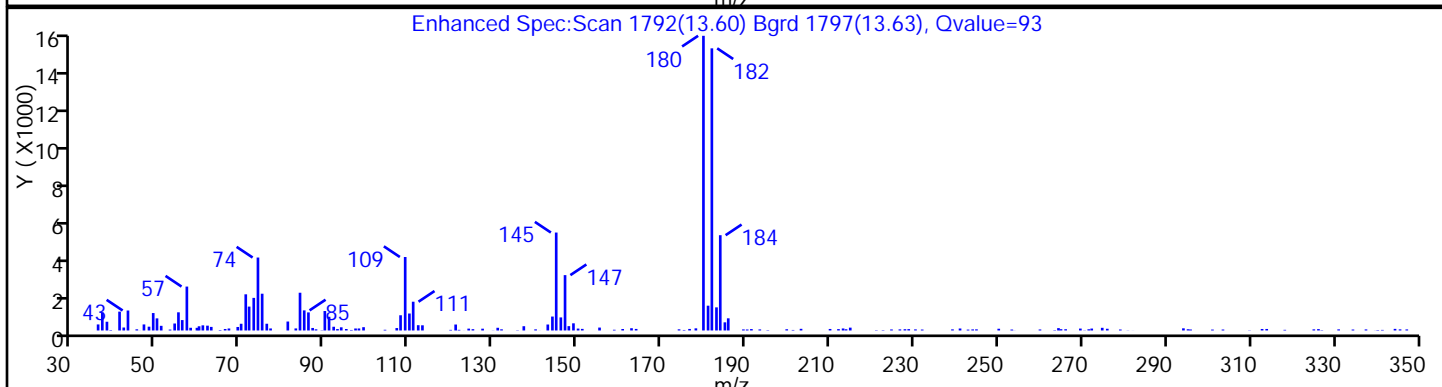
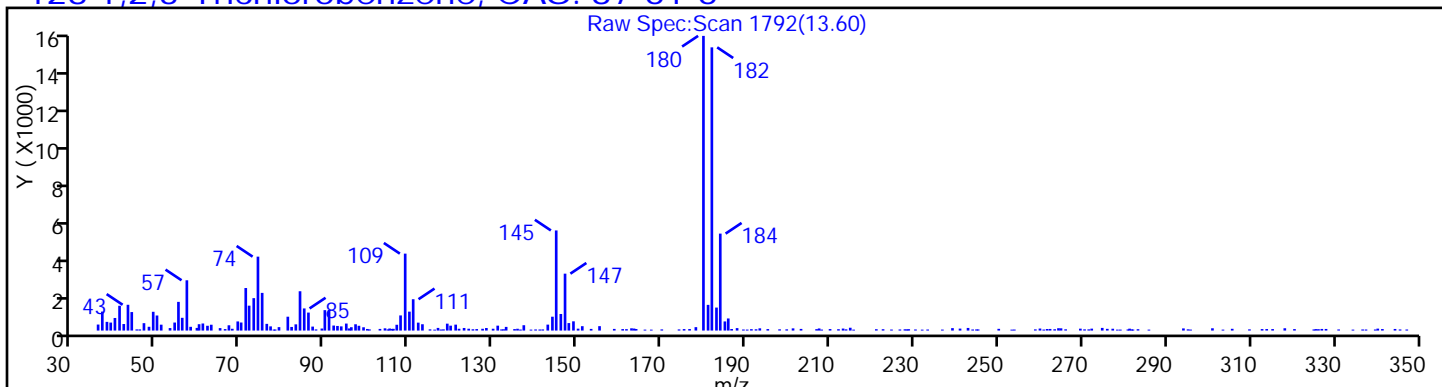
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84760.D

Injection Date: 13-Mar-2014 23:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

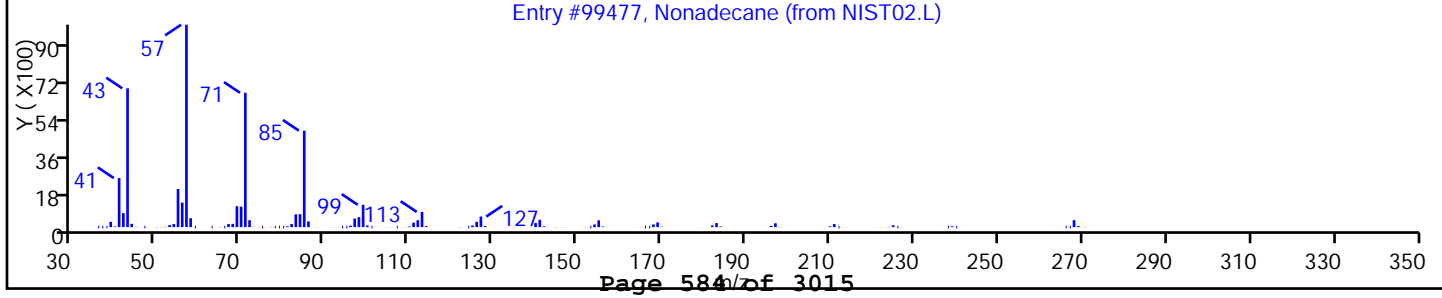
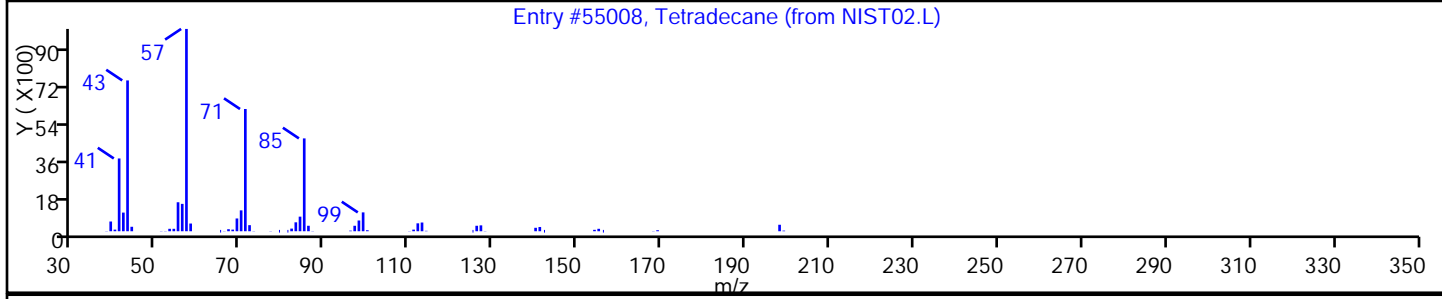
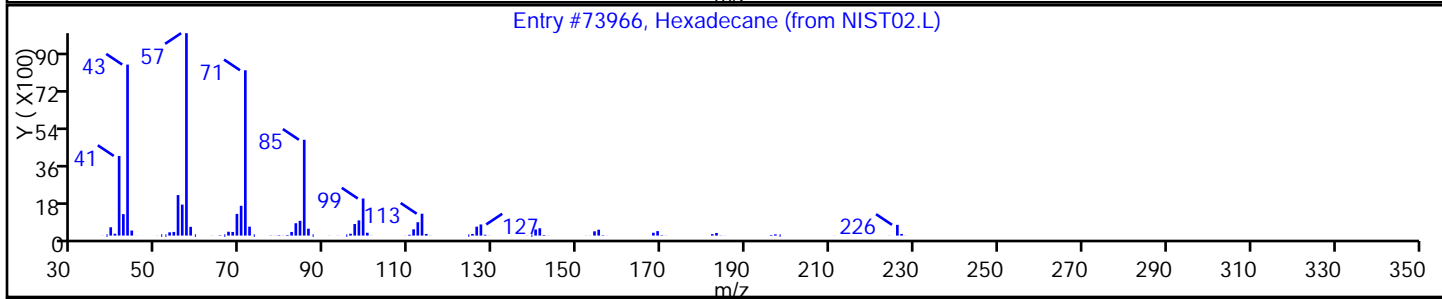
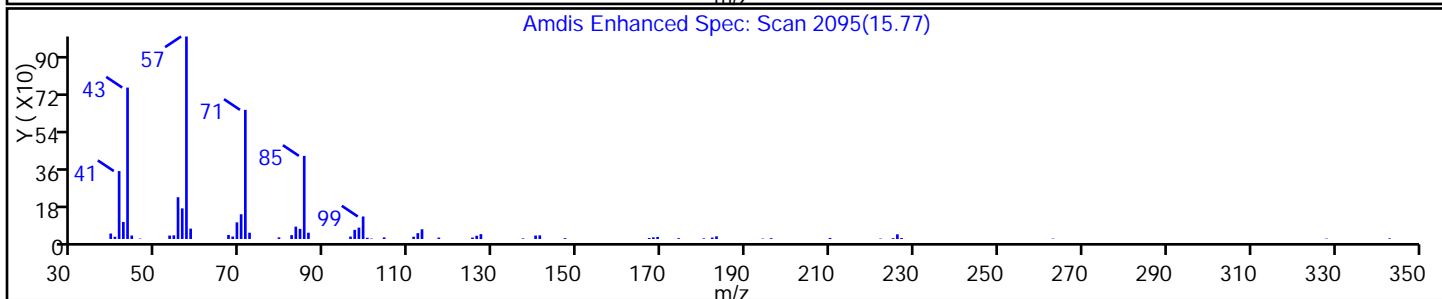
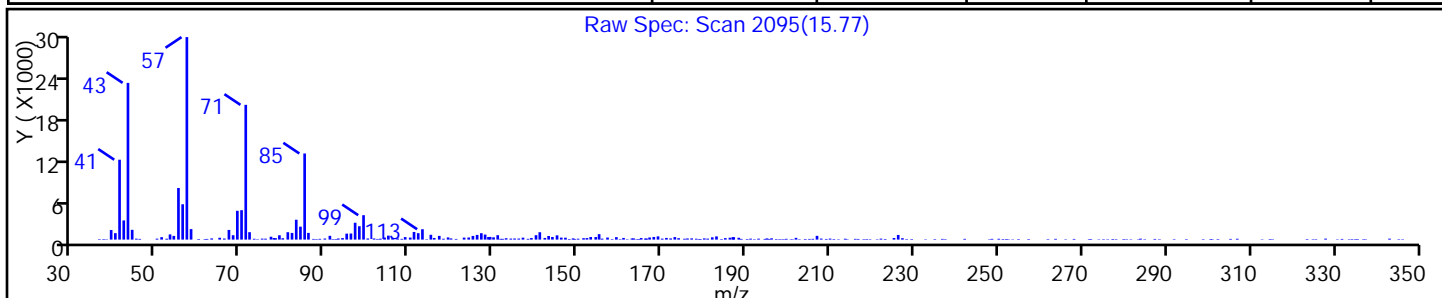
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	95
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	90
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: J10003.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:20
 Sample wt/vol: 5.318(g) Date Analyzed: 03/14/2014 14:33
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 12.1 Level: (low/med) Medium
 Analysis Batch No.: 212620 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	290	U	530	290
75-15-0	Carbon disulfide	13	U	110	13
75-69-4	Trichlorofluoromethane	16	U	110	16
75-35-4	1,1-Dichloroethene	9.5	U	110	9.5
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	8.4	U	110	8.4
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	6.7	U	110	6.7
56-23-5	Carbon tetrachloride	6.1	U	110	6.1
71-43-2	Benzene	8.8	U	110	8.8
75-25-2	Bromoform	21	U	110	21
100-42-5	Styrene	13	U	110	13
100-41-4	Ethylbenzene	40	J	110	10
108-90-7	Chlorobenzene	12	U	110	12
110-82-7	Cyclohexane	17	U *	110	17
98-82-8	Isopropylbenzene	33	J	110	8.2
591-78-6	2-Hexanone	53	U *	530	53
1634-04-4	MTBE	15	U	110	15
76-13-1	Freon TF	8.8	U	110	8.8
79-20-9	Methyl acetate	36	U	530	36
123-91-1	1,4-Dioxane	3900	U	5300	3900
79-01-6	Trichloroethene	9.8	U	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	110	U	530	110
10061-01-5	cis-1,3-Dichloropropene	20	U	110	20
95-50-1	1,2-Dichlorobenzene	83	J	110	22
541-73-1	1,3-Dichlorobenzene	58	J	110	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: J10003.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:20
 Sample wt/vol: 5.318(g) Date Analyzed: 03/14/2014 14:33
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 12.1 Level: (low/med) Medium
 Analysis Batch No.: 212620 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	540		110	25
120-82-1	1,2,4-Trichlorobenzene	240		110	37
87-61-6	1,2,3-Trichlorobenzene	150		110	55
78-87-5	1,2-Dichloropropane	9.2	U	110	9.2
108-87-2	Methylcyclohexane	940	*	110	14
127-18-4	Tetrachloroethene	10	U	110	10
1330-20-7	Xylenes, Total	1300		210	38
96-12-8	1,2-Dibromo-3-Chloropropane	43	U	110	43
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)	81		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
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: J10003.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:20
 Sample wt/vol: 5.318(g) Date Analyzed: 03/14/2014 14:33
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 12.1 Level: (low/med) Medium
 Analysis Batch No.: 212620 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 58200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
4254-29-9	2-Indanol	11.12	6100	J N
141-93-5	Benzene, 1,3-diethyl-	11.16	5700	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.47	5200	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.92	8000	J N
17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	12.13	4500	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	12.22	6500	J N
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.72	5100	J N
1985-59-7	Naphthalene, 1,2,3,4-tetrahydro-1,1-dime	12.85	6600	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.98	5300	J N
7524-63-2	Naphthalene, 1,2,3,4-tetrahydro-2,6-dime	13.10	5200	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D
 Lims ID: 460-72180-C-6-A Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 14:33:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-6-A
 Misc. Info.: 460-0010873-012
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 15:58:48 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: delpolitov

Date: 14-Mar-2014 15:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.198	3.179	0.019	56	430987	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	4.725	4.731	-0.006	94	170767	40.5	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.084	5.083	0.001	89	245976	42.7	
* 59 Fluorobenzene	96	5.354	5.353	0.001	97	767561	50.0	
63 Methylcyclohexane	83	5.830	5.829	0.001	90	40317	8.77	
* 150 1,4-Dioxane-d8	96	6.065	6.058	0.007	90	52835	1000.0	
\$ 76 Toluene-d8 (Surr)	98	7.023	7.028	-0.005	99	655146	40.4	
* 87 Chlorobenzene-d5	117	8.815	8.820	-0.005	86	661363	50.0	
89 Ethylbenzene	106	8.950	8.955	-0.005	68	1930	0.3778	
91 m-Xylene & p-Xylene	106	9.114	9.114	0.0	97	75493	11.7	
92 o-Xylene	106	9.555	9.560	-0.005	29	1009	0.1587	
98 Isopropylbenzene	105	9.902	9.901	0.001	77	4314	0.3079	
\$ 99 4-Bromofluorobenzene	174	10.084	10.083	0.001	90	229111	40.4	
115 1,3-Dichlorobenzene	146	10.912	10.906	0.006	16	4637	0.5469	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.959	0.0	89	403164	50.0	
117 1,4-Dichlorobenzene	146	10.977	10.976	0.001	76	44566	5.03	
121 1,2-Dichlorobenzene	146	11.224	11.223	0.001	60	6679	0.7722	
124 1,2,4-Trichlorobenzene	180	12.193	12.192	0.001	43	12177	2.22	
128 1,2,3-Trichlorobenzene	180	12.528	12.527	0.001	1	7027	1.40	
S 131 Xylenes, Total	100				0		11.9	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D
 Lims ID: 460-72180-C-6-A Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 14:33:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-6-A
 Misc. Info.: 460-0010873-012
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 15:58:48 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: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 15:58:48

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
11.118	4254-29-9 2-Indanol 2930192	56.7	116	76	14750	C9H10O	134	
11.159	141-93-5 Benzene, 1,3-diethyl- 2779745	53.7	116	96	14331	C10H14	134	
11.471	527-84-4 Benzene, 1-methyl-2-(1-methylethyl)- 2501028	48.4	116	81	14404	C10H14	134	
11.917	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)- 3847384	74.4	116	78	21844	C11H16	148	
12.134	17059-48-2 1H-Indene, 2,3-dihydro-1,6-dimethyl- 2161862	41.8	116	91	20743	C11H14	146	
12.217	56253-64-6 Benzene, (2-methyl-1-butenyl)- 3153655	61.0	116	92	20721	C11H14	146	
12.722	6682-71-9 1H-Indene, 2,3-dihydro-4,7-dimethyl- 2445899	47.3	116	94	20749	C11H14	146	
12.845	1985-59-7 Naphthalene, 1,2,3,4-tetrahydro-1,1-dime 3170163	61.3	116	91	29450	C12H16	160	
12.975	40650-41-7 1H-Indene, 2,3-dihydro-1,1,5-trimethyl- 2540225	49.1	116	87	29423	C12H16	160	
13.098	7524-63-2 Naphthalene, 1,2,3,4-tetrahydro-2,6-dime 2536564	49.0	116	81	29461	C12H16	160	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.959	2586138	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Worklist Smp#: 12

Client ID: PMP-16SW-WT

Purge Vol: 5.000 mL

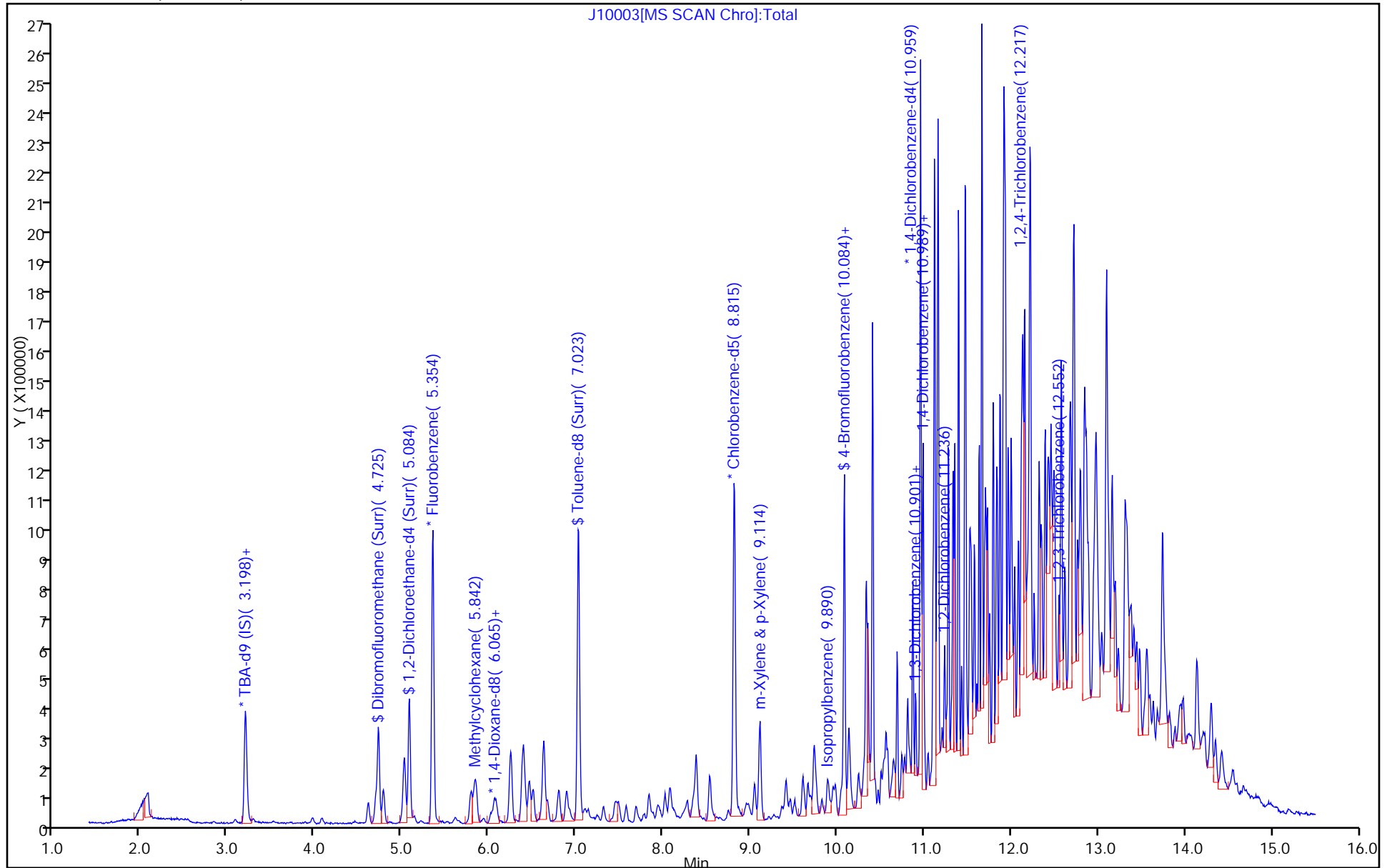
Dil. Factor: 50.0000

ALS Bottle#: 11

Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

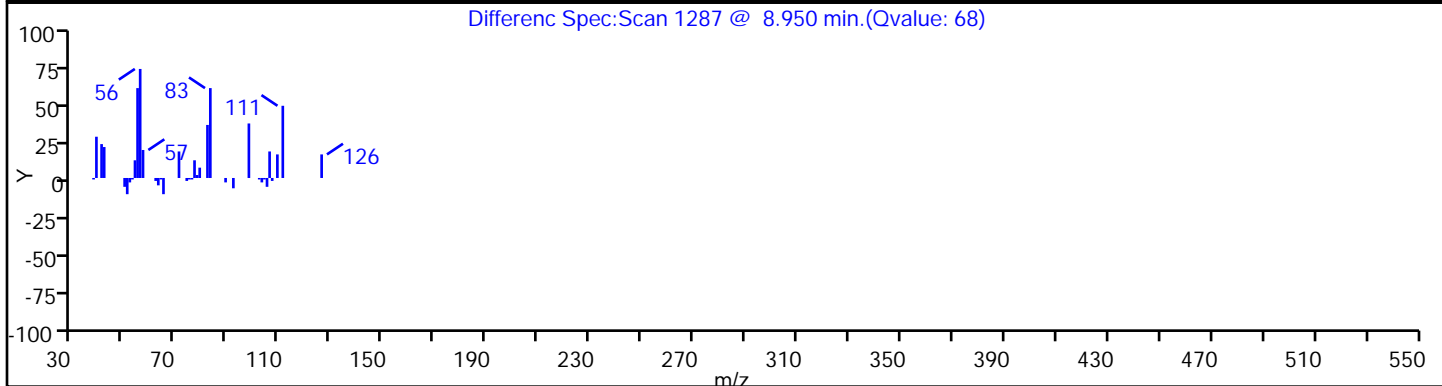
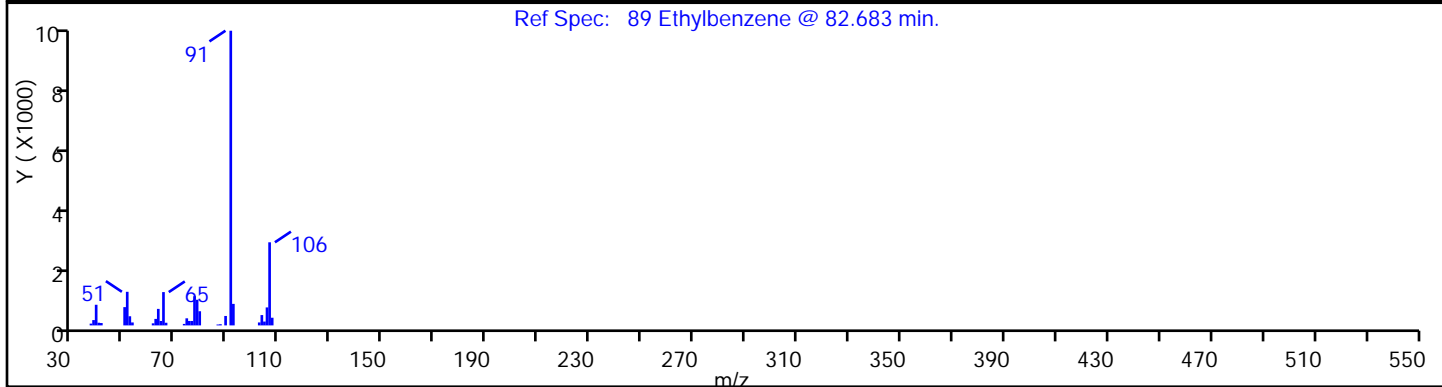
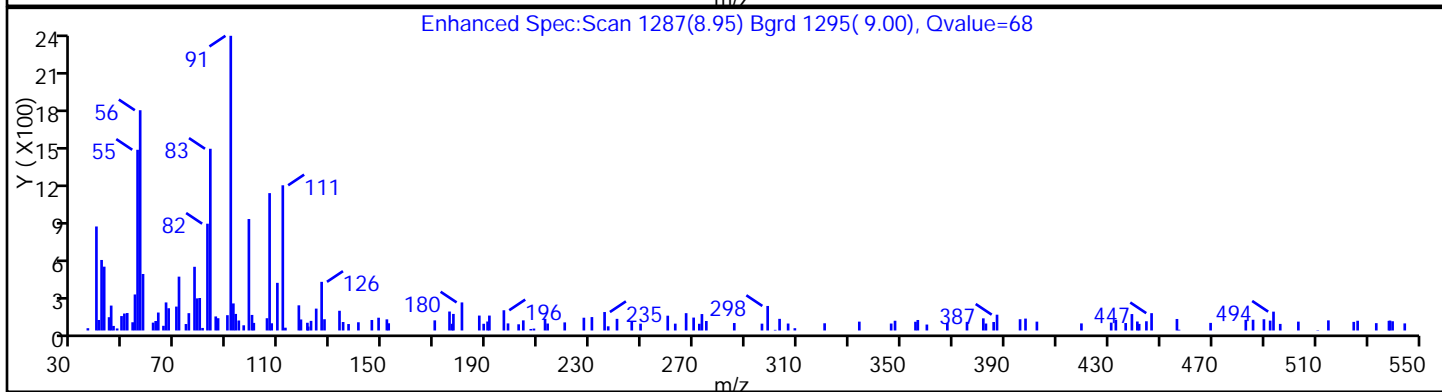
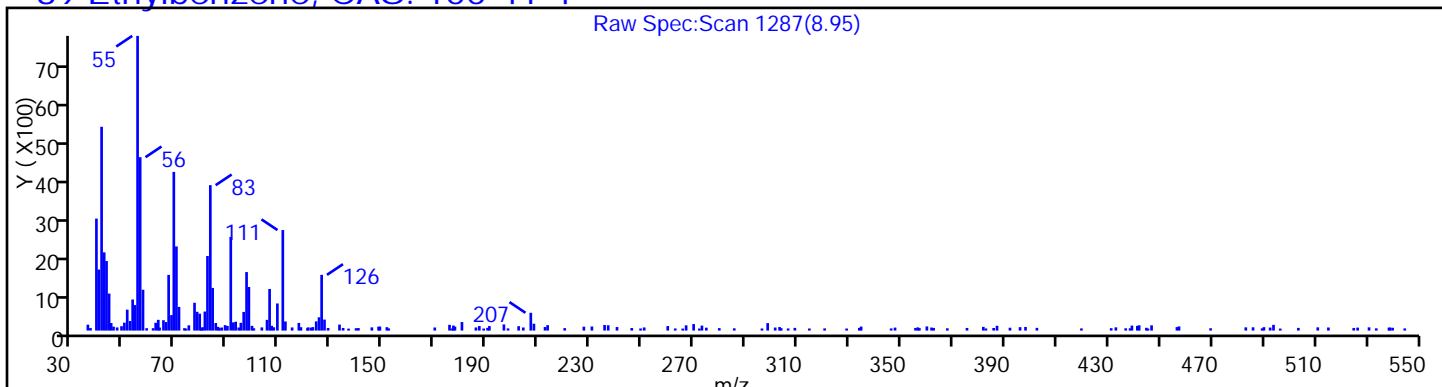
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

89 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

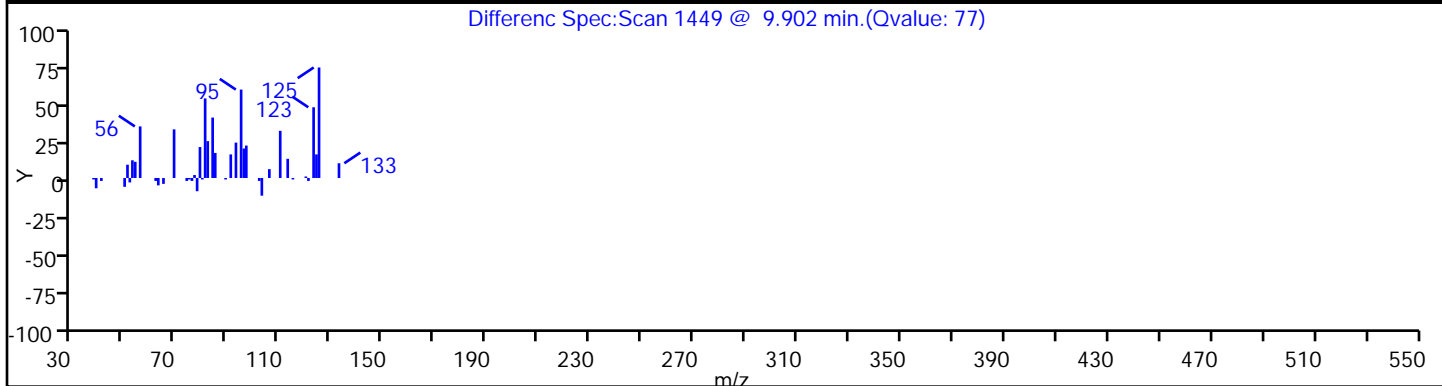
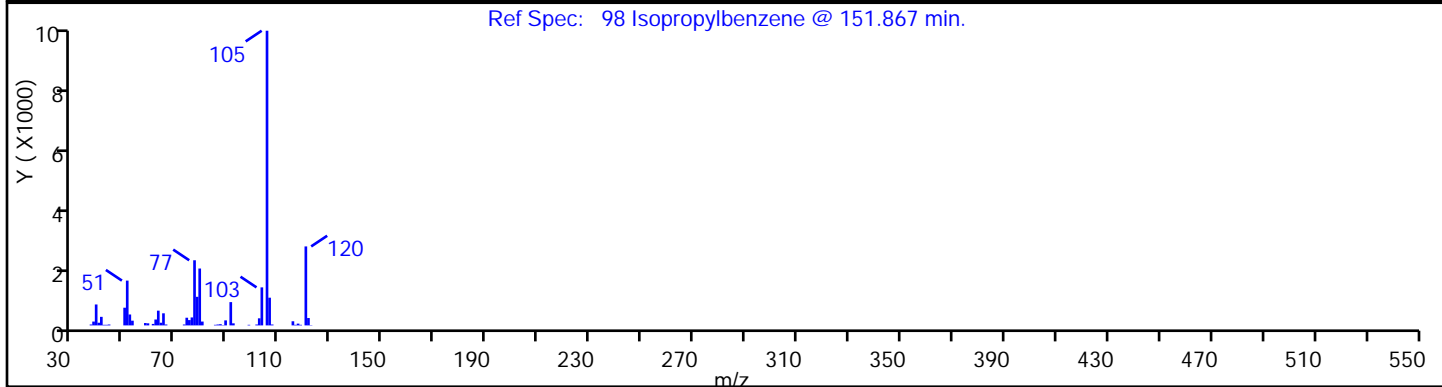
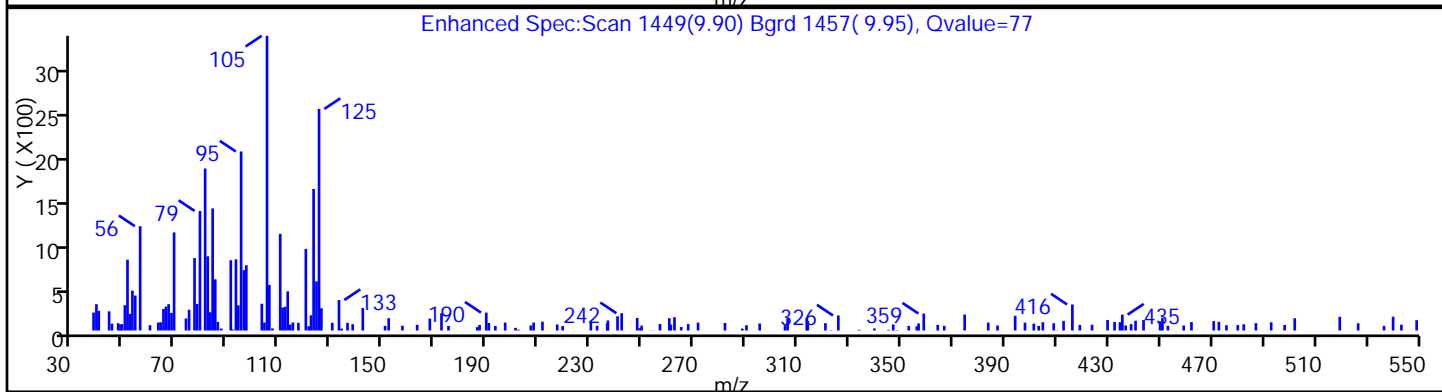
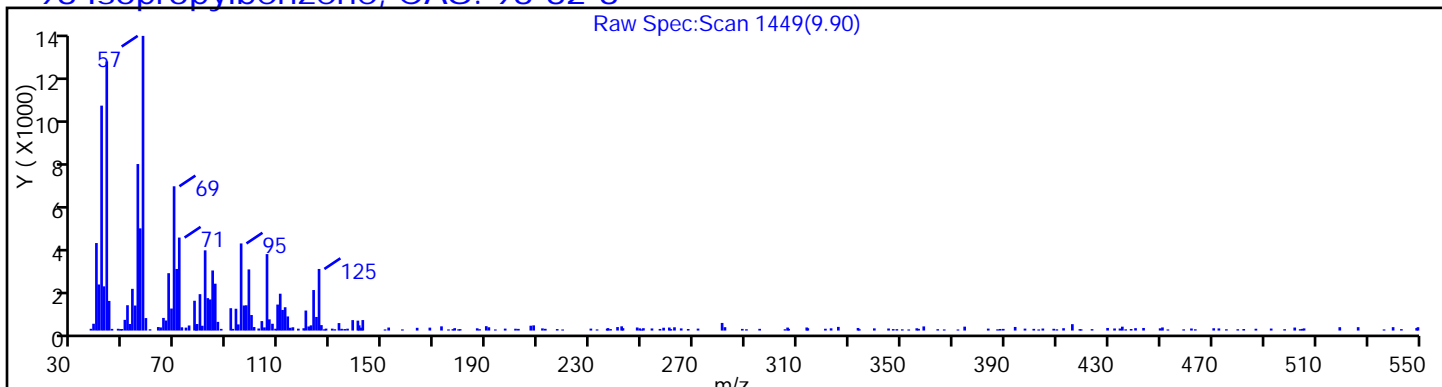
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

98 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

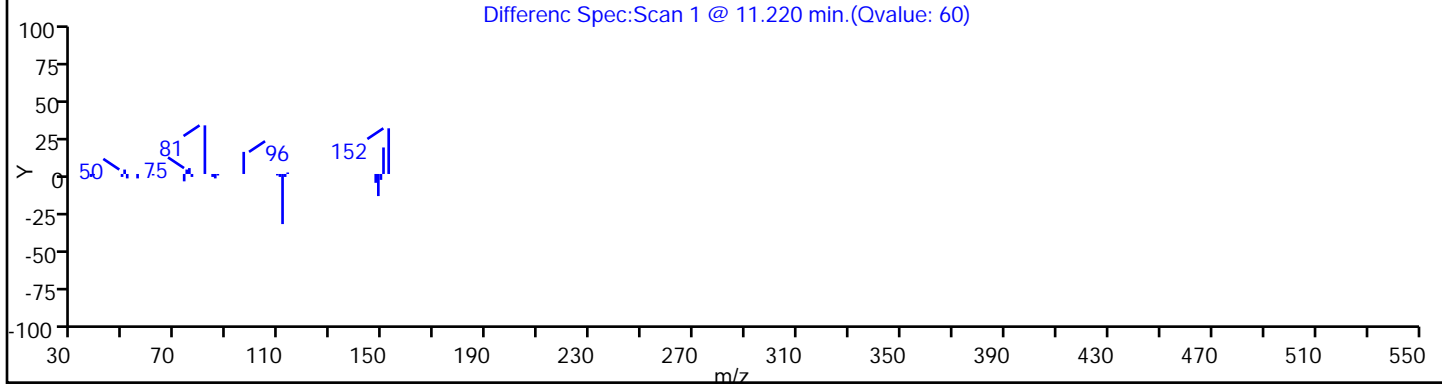
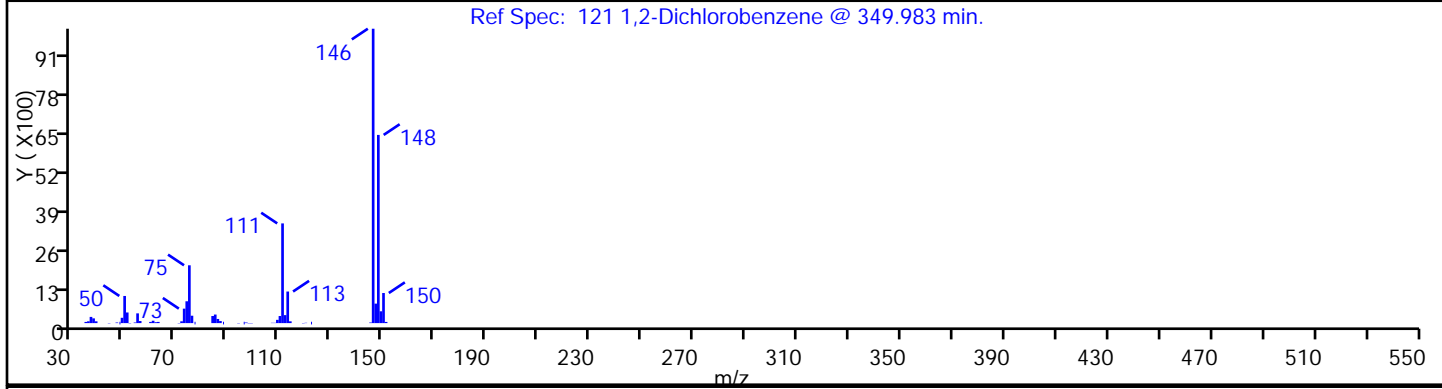
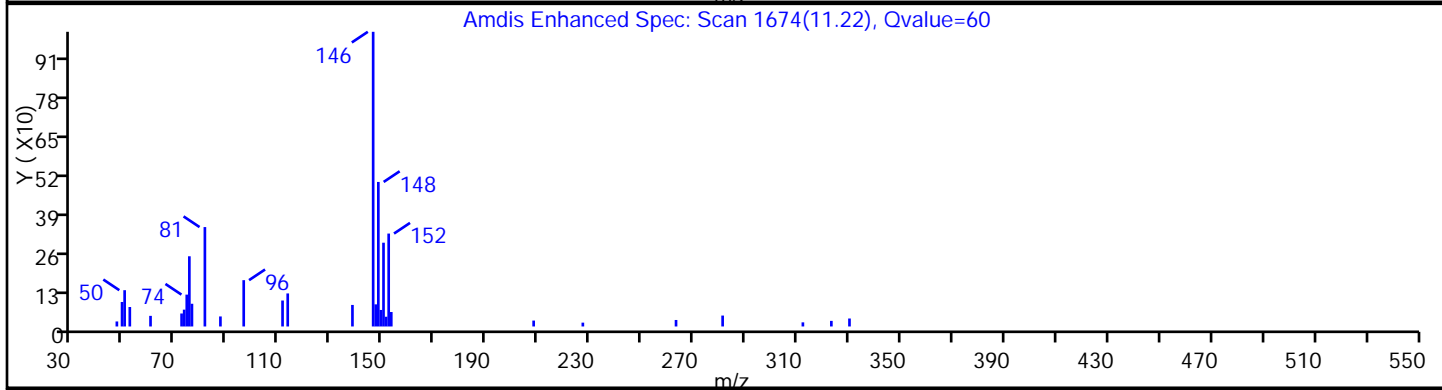
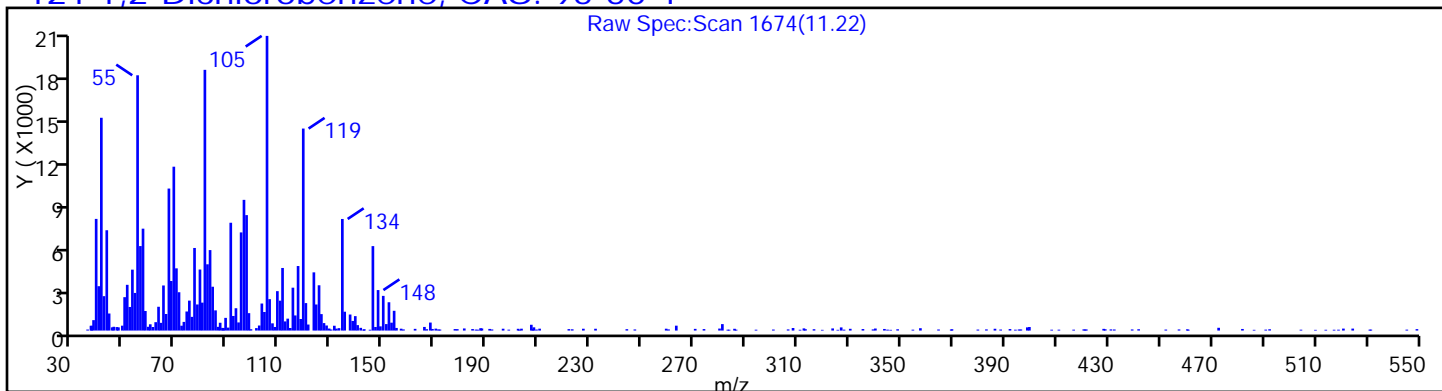
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

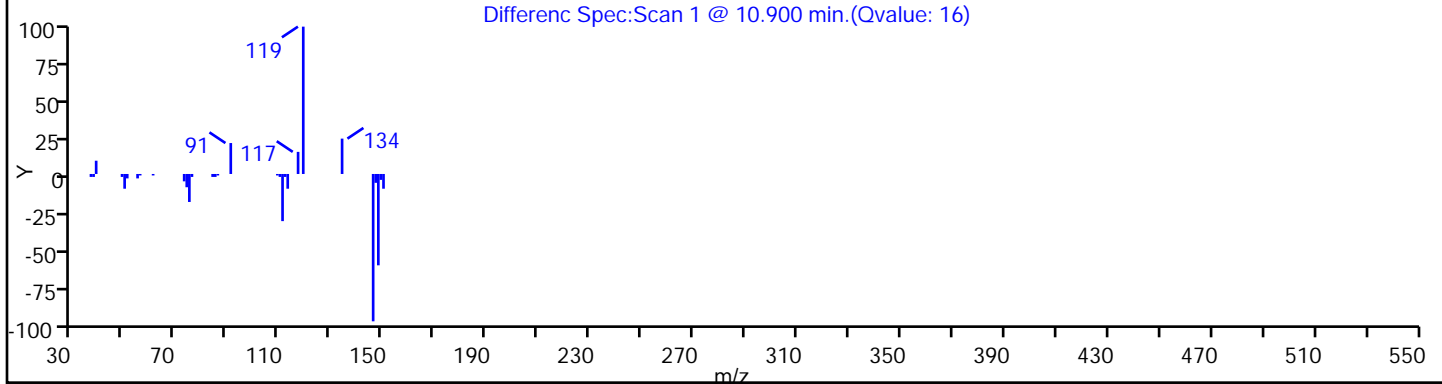
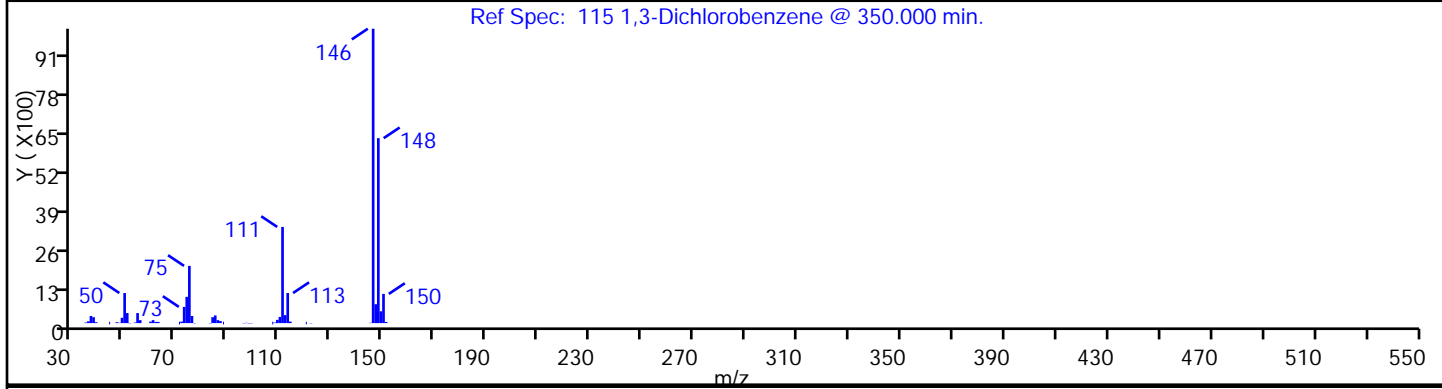
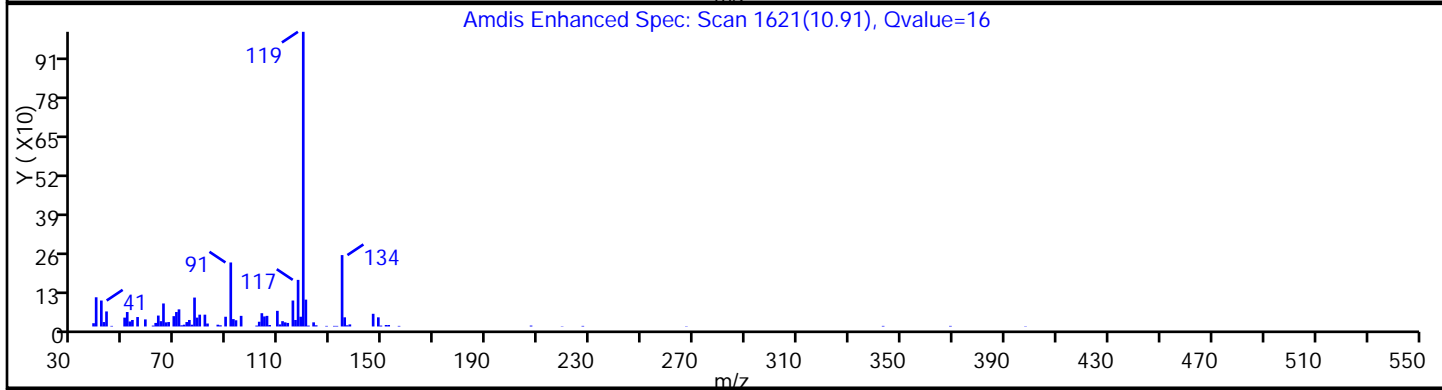
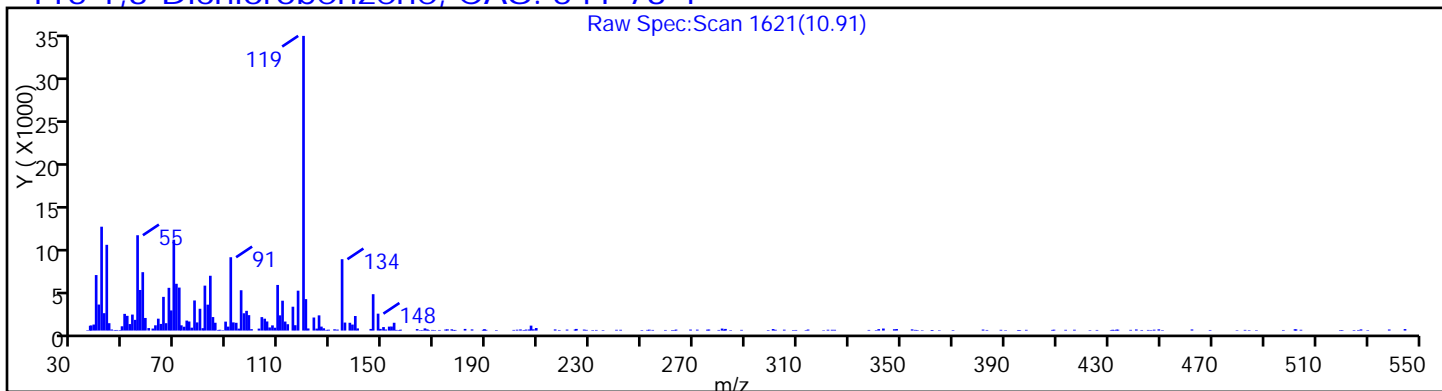
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

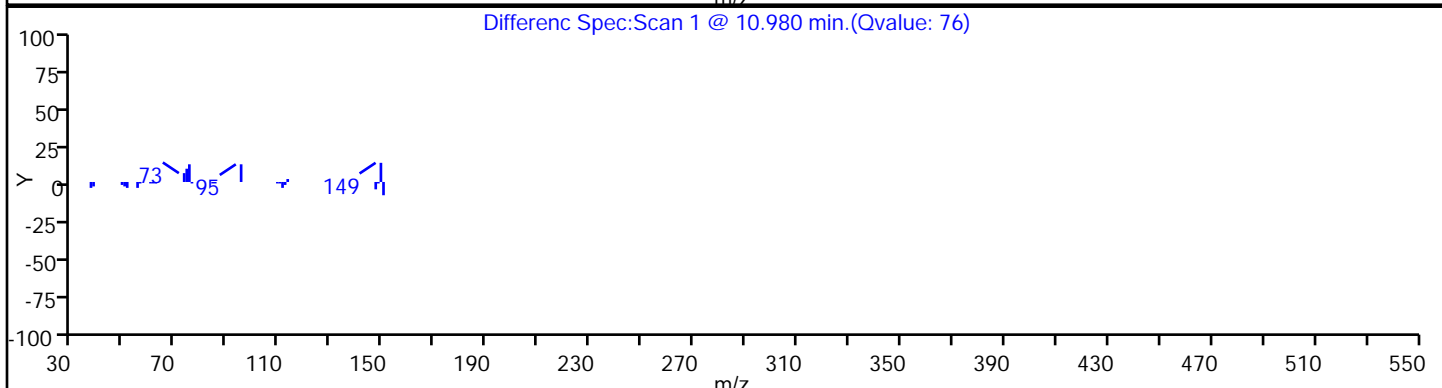
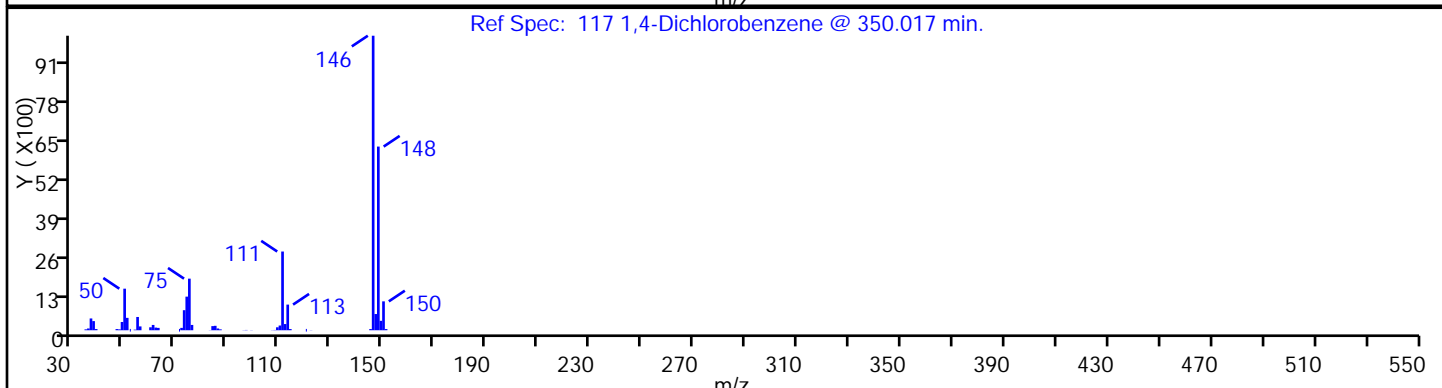
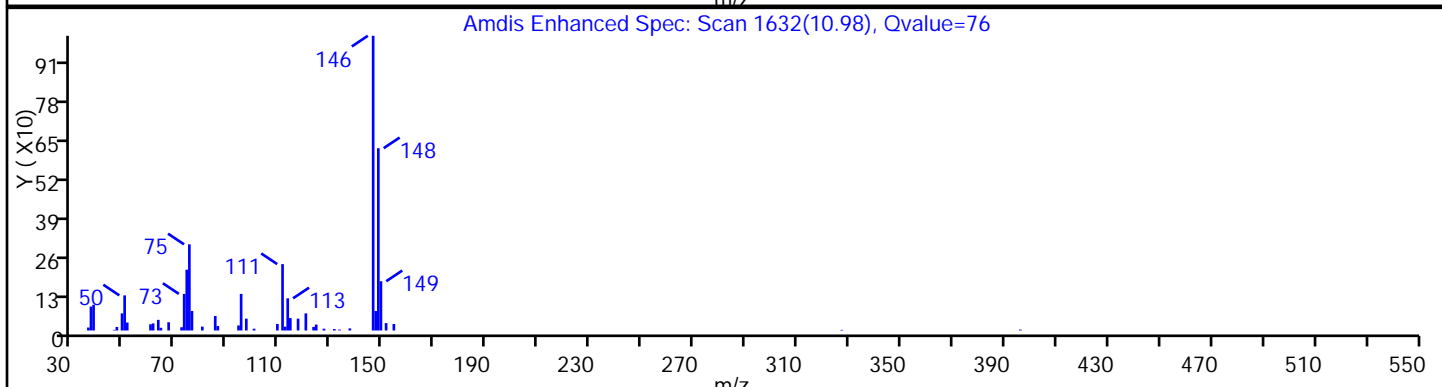
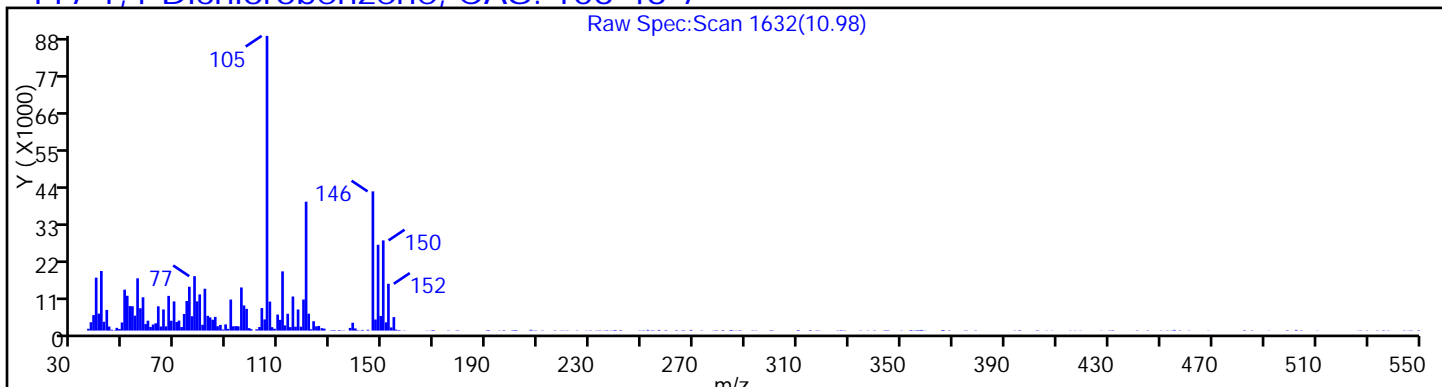
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

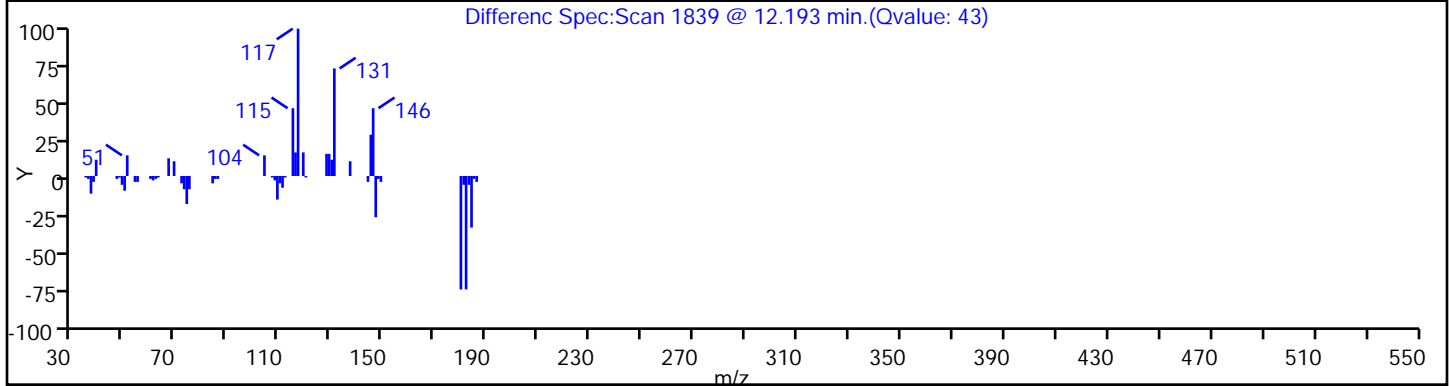
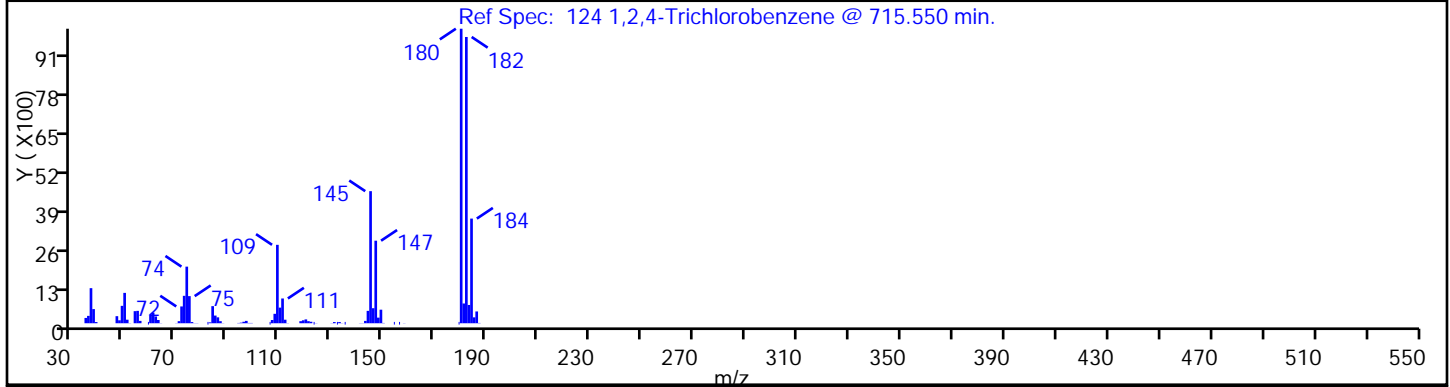
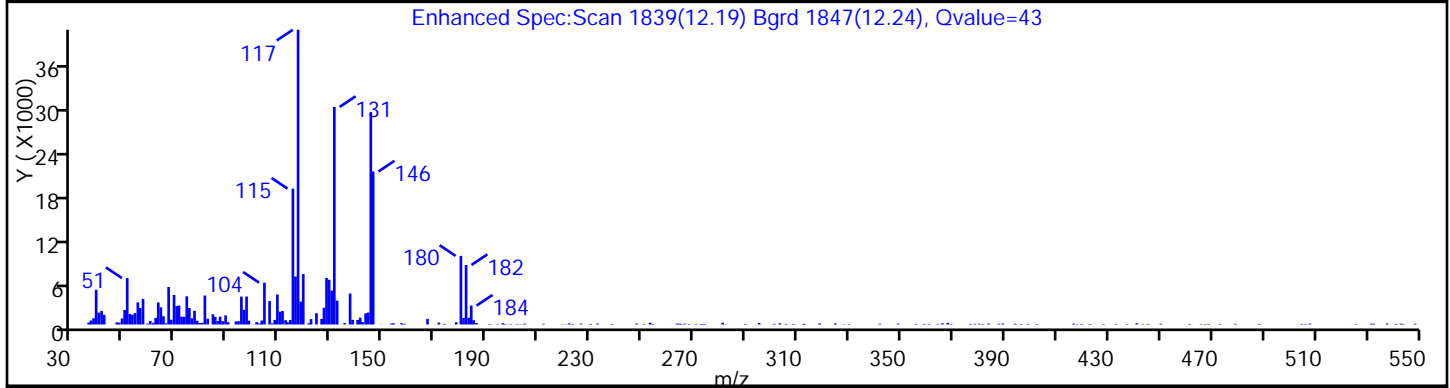
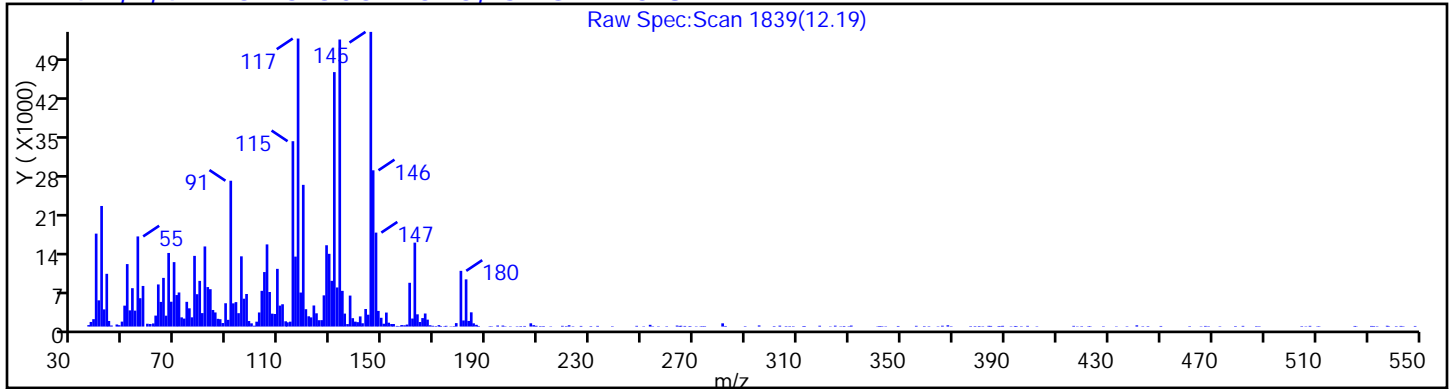
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

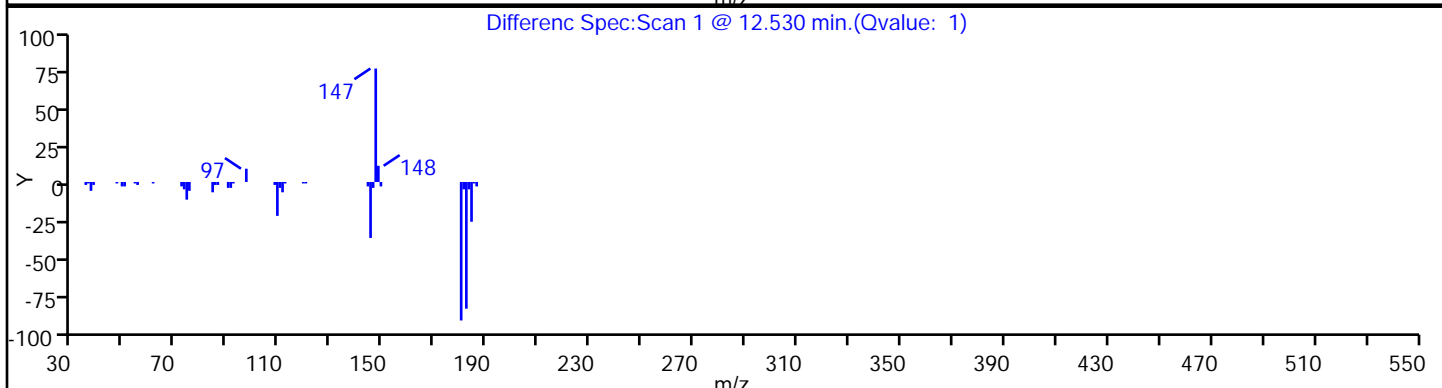
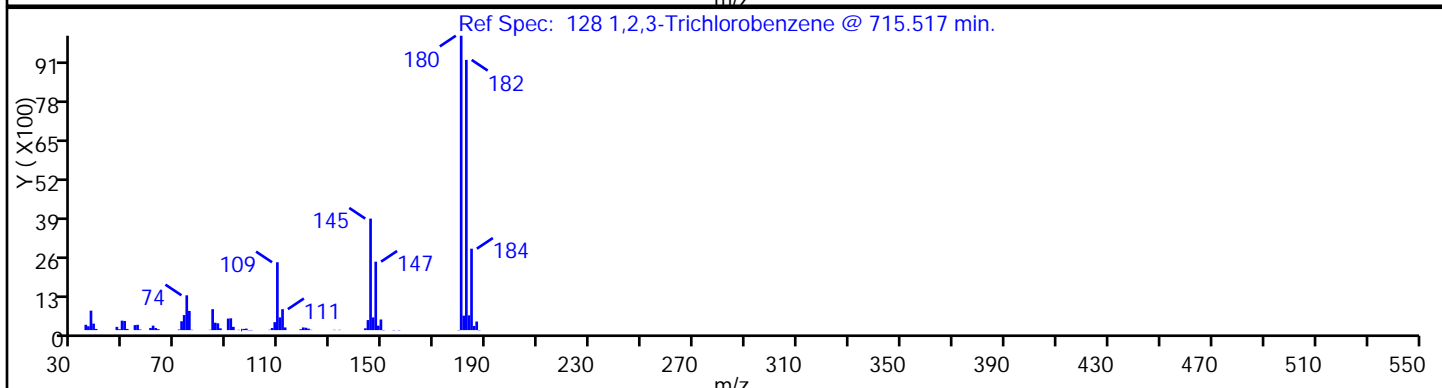
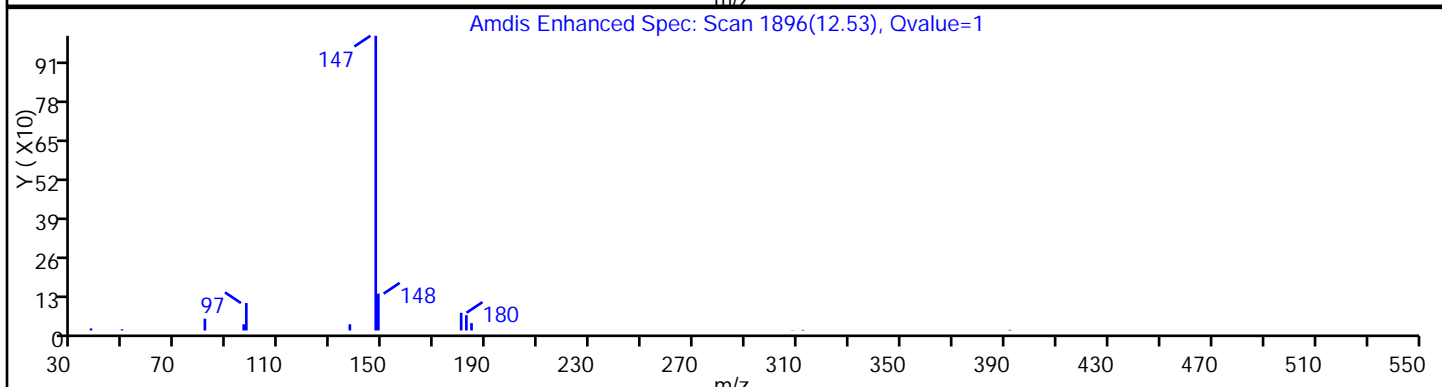
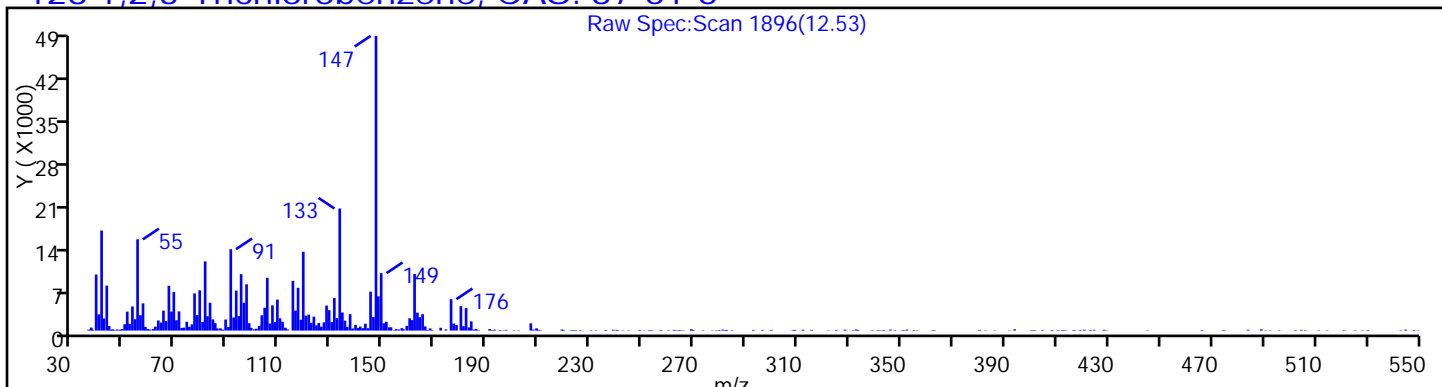
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

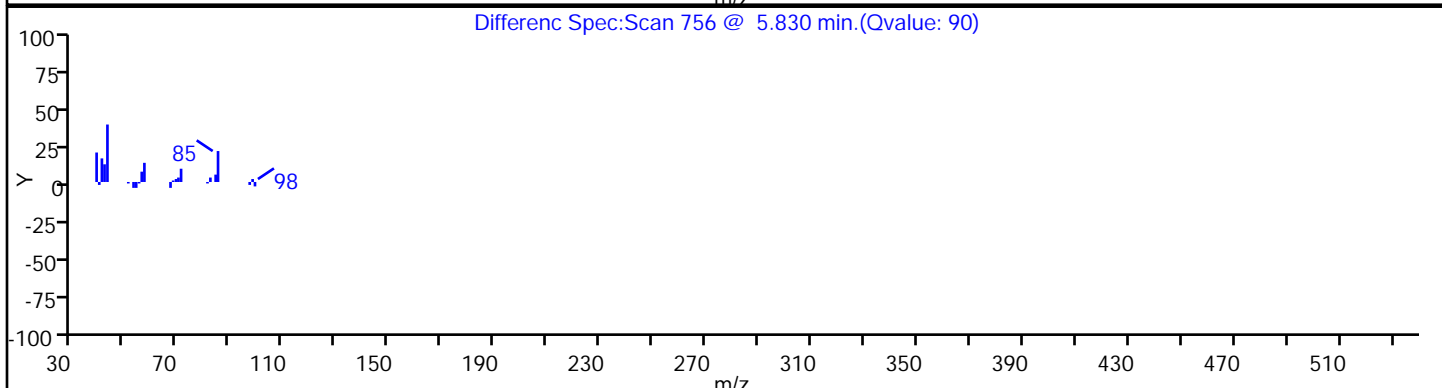
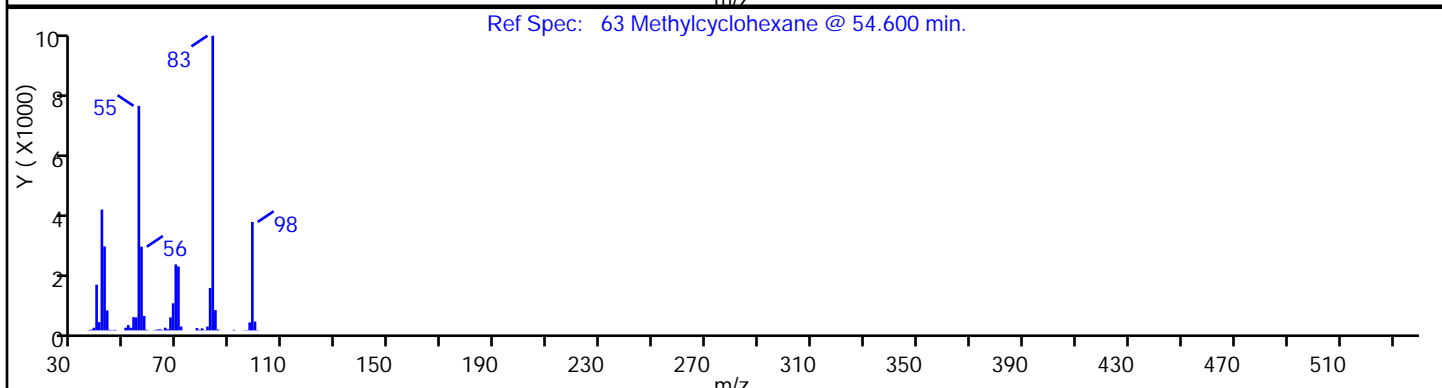
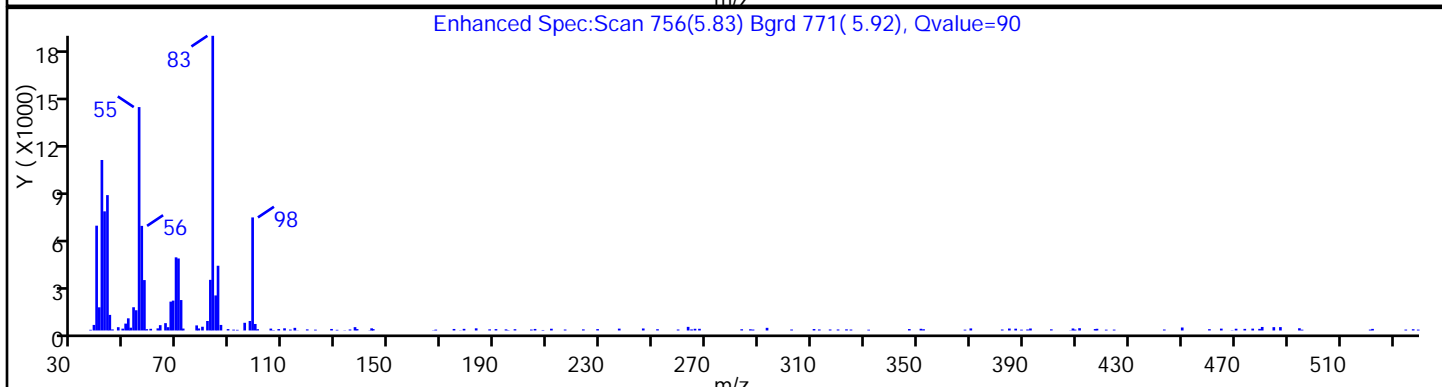
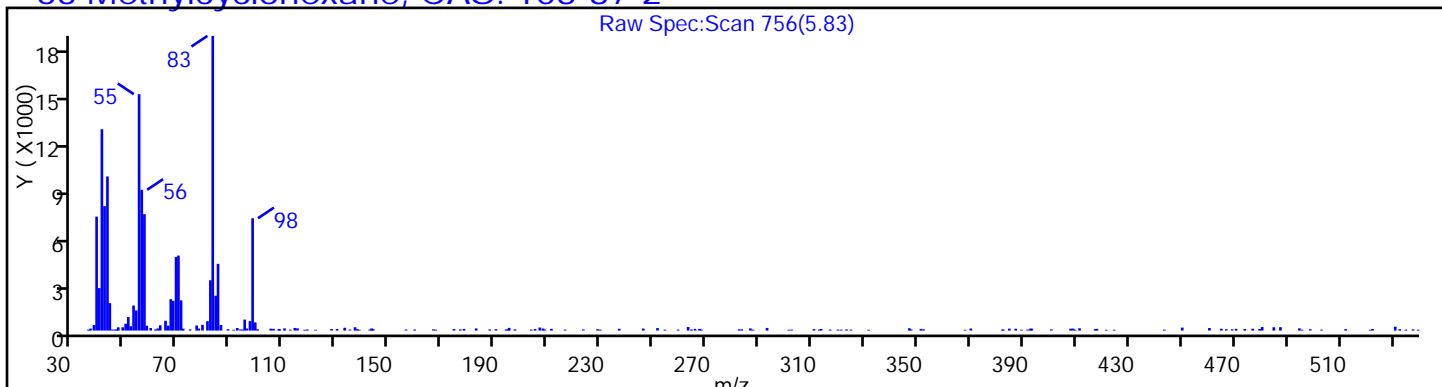
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

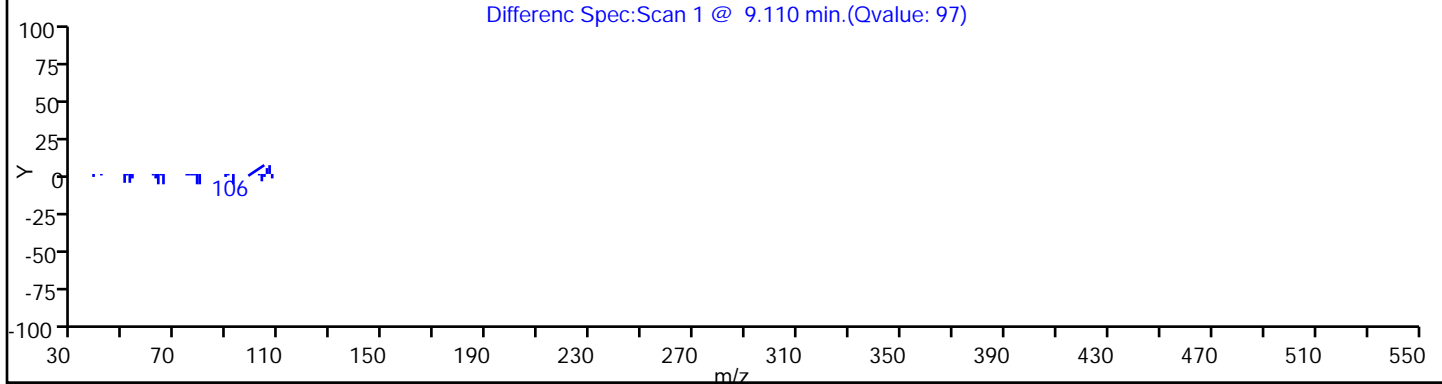
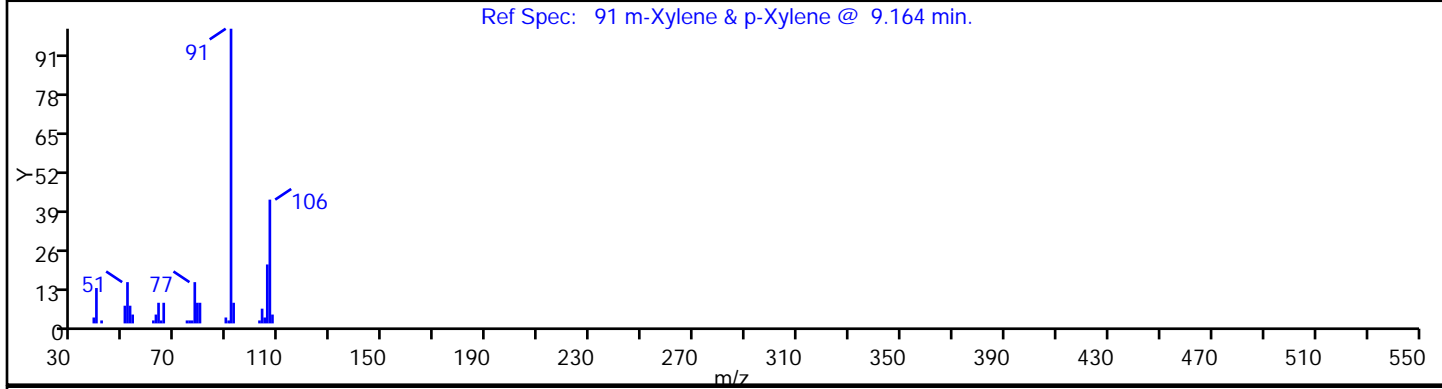
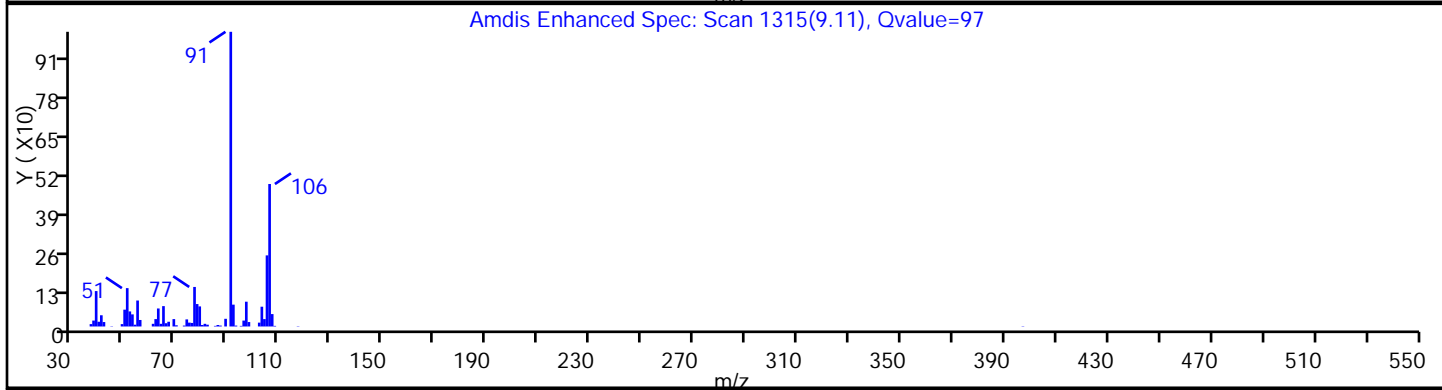
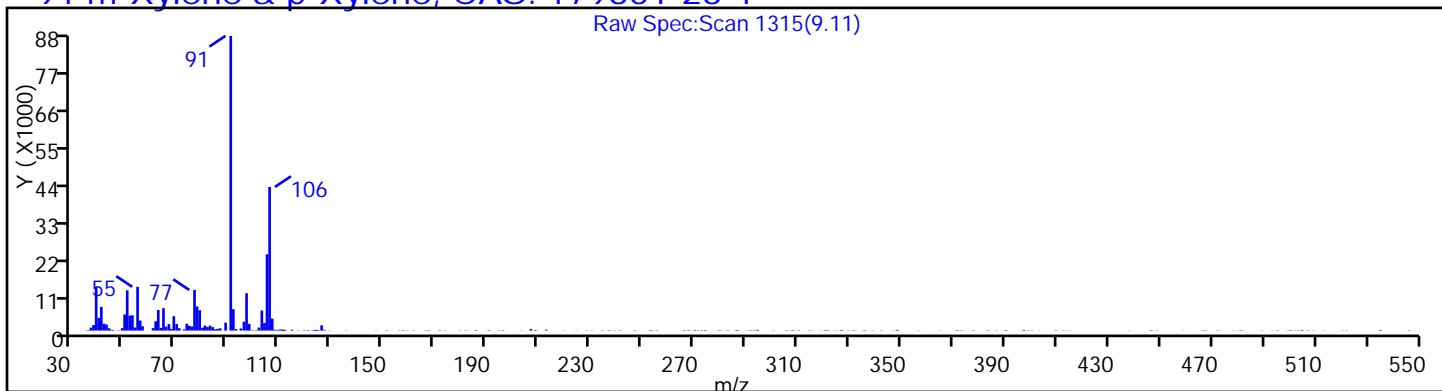
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

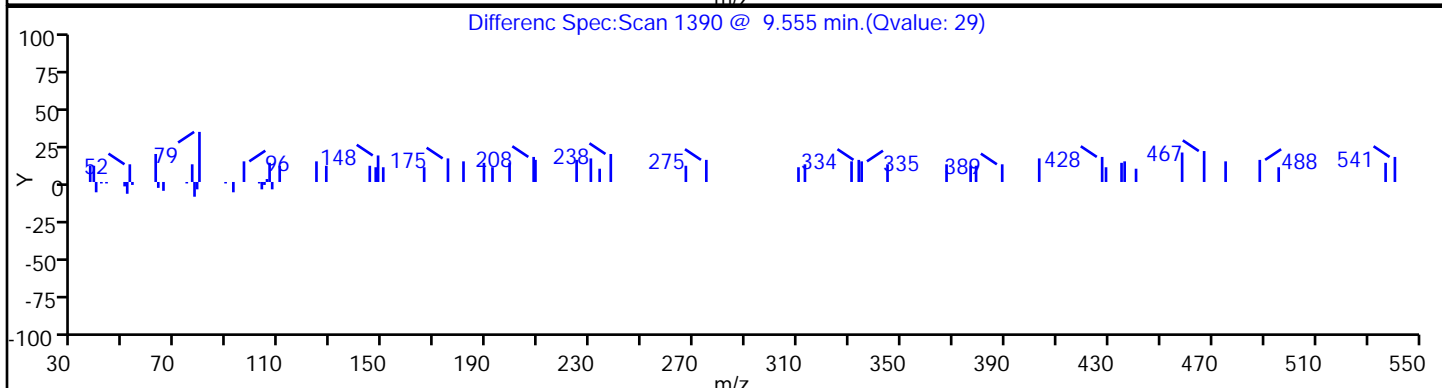
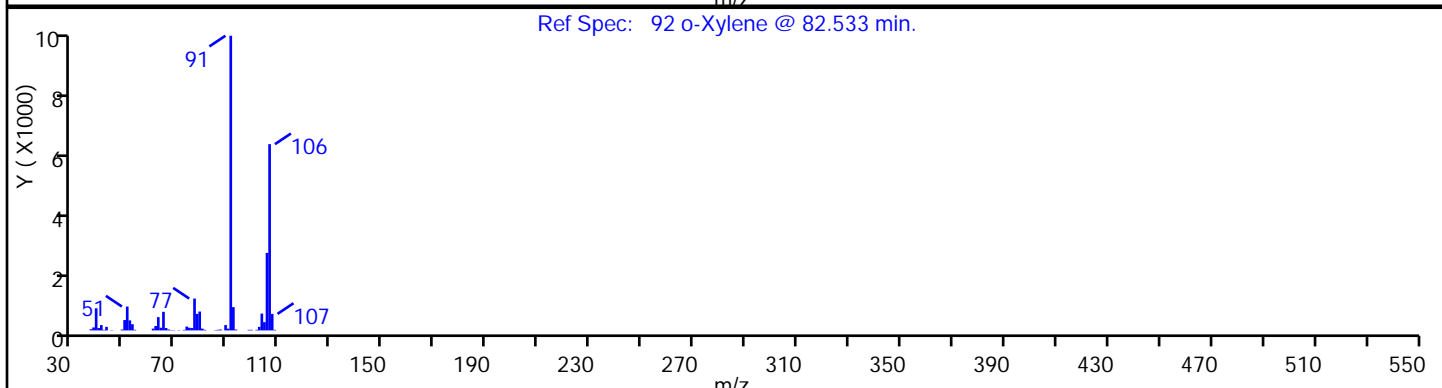
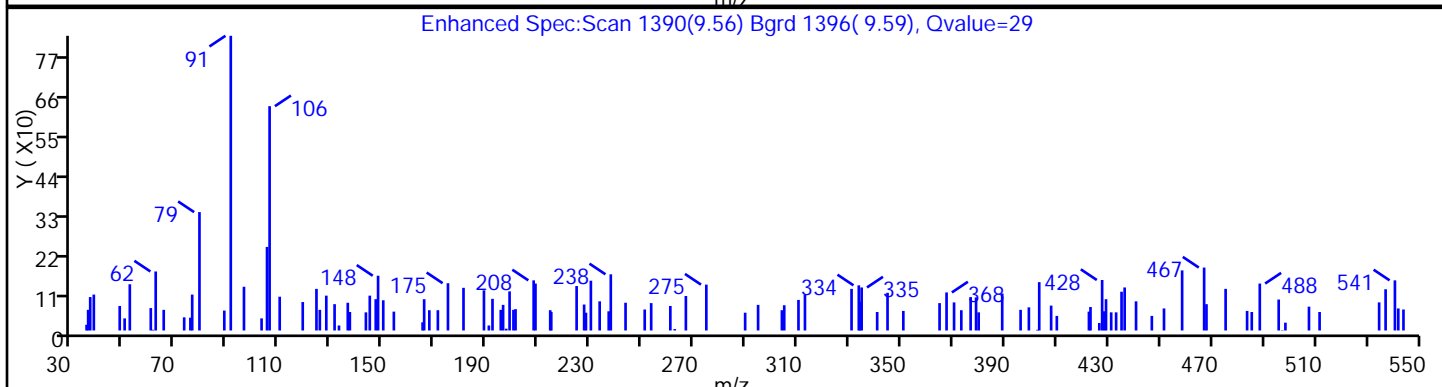
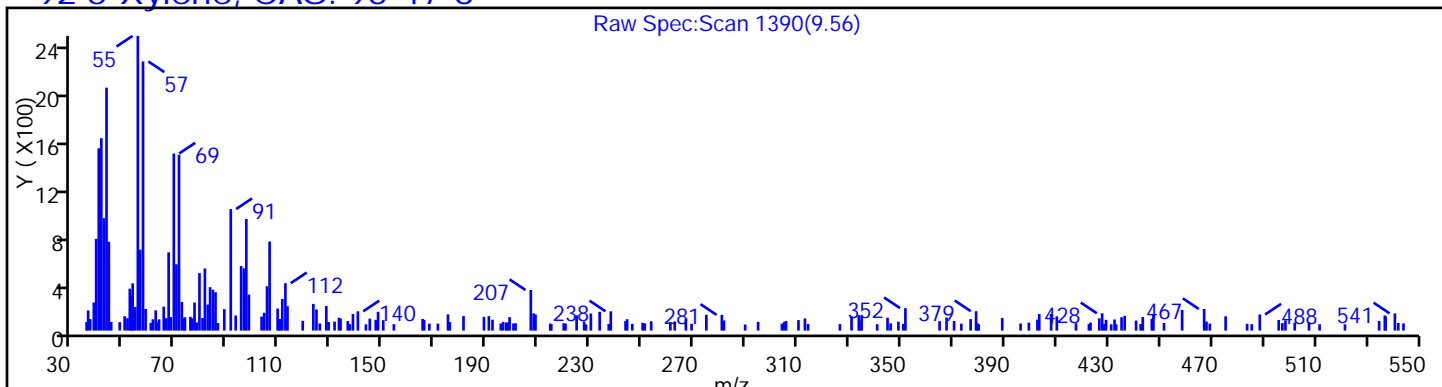
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

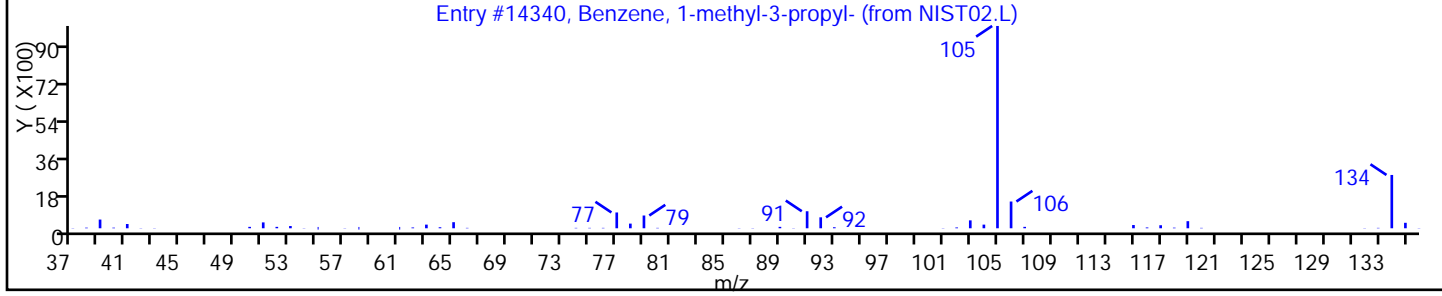
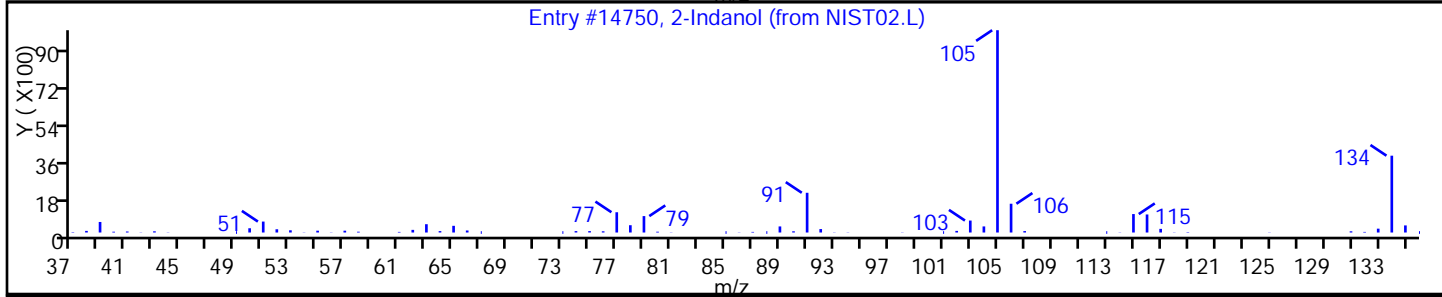
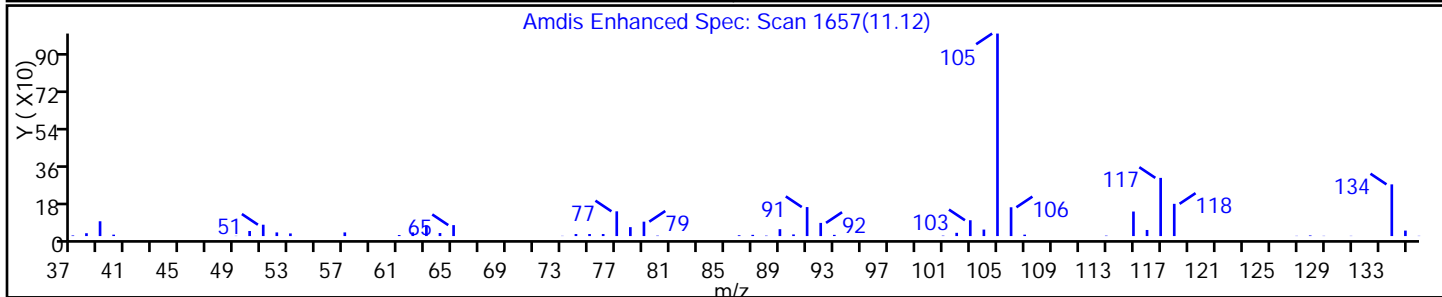
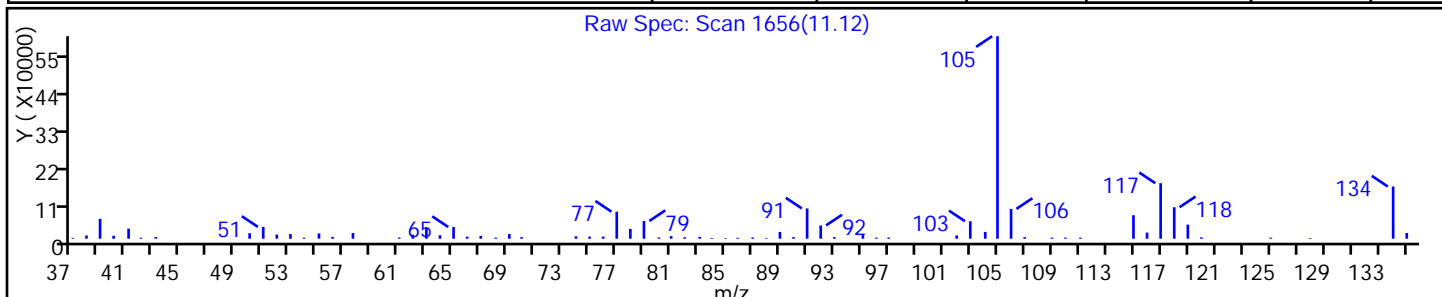
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Indanol	4254-29-9	NIST02.L	14750	C9H10O	134	76
Benzene, 1-methyl-3-propyl-	1074-43-7	NIST02.L	14340	C10H14	134	70



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

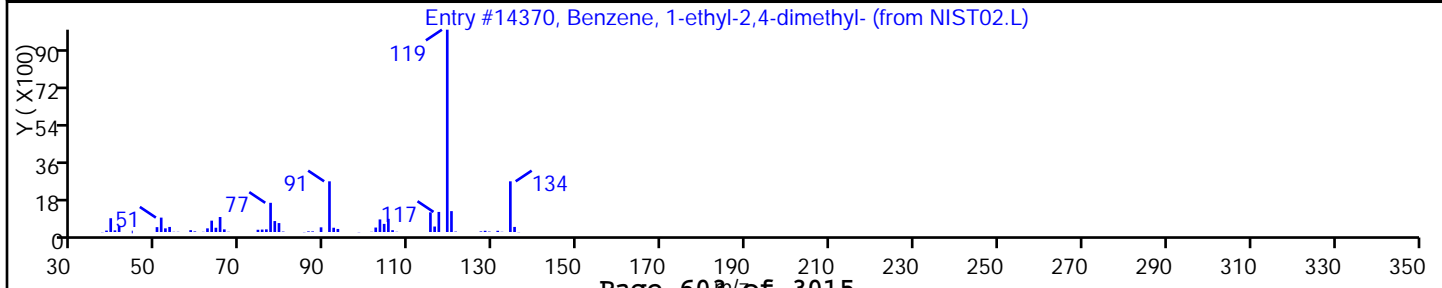
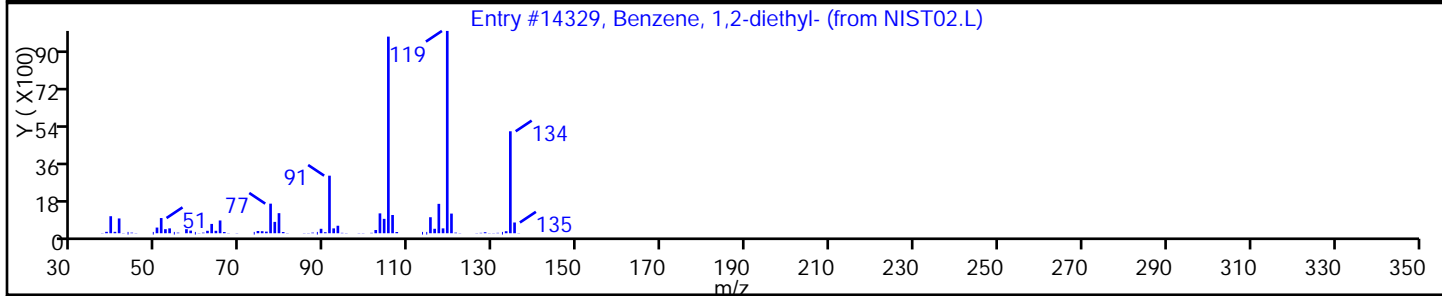
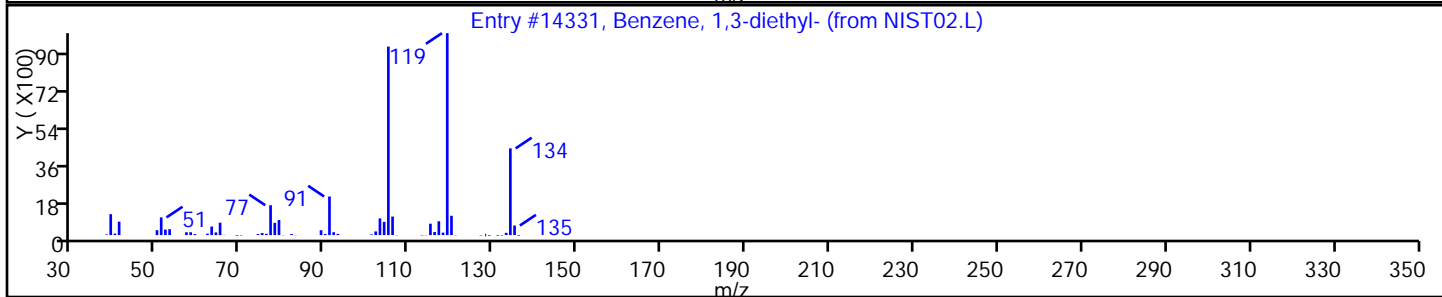
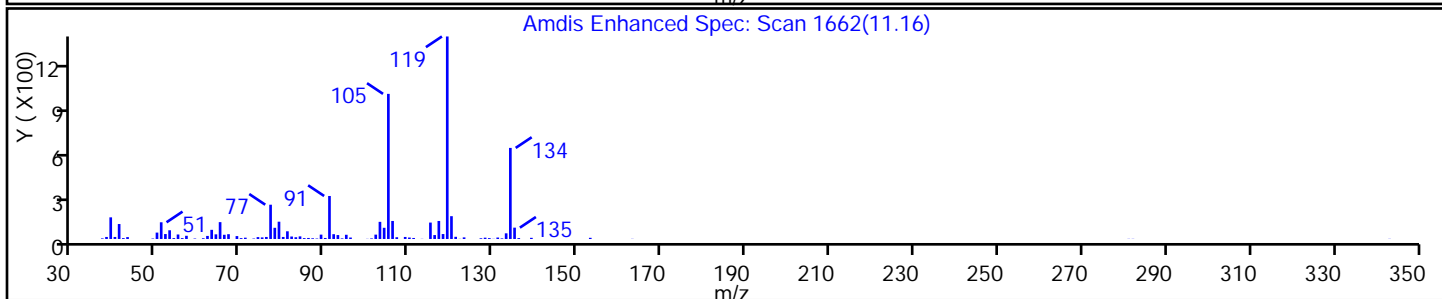
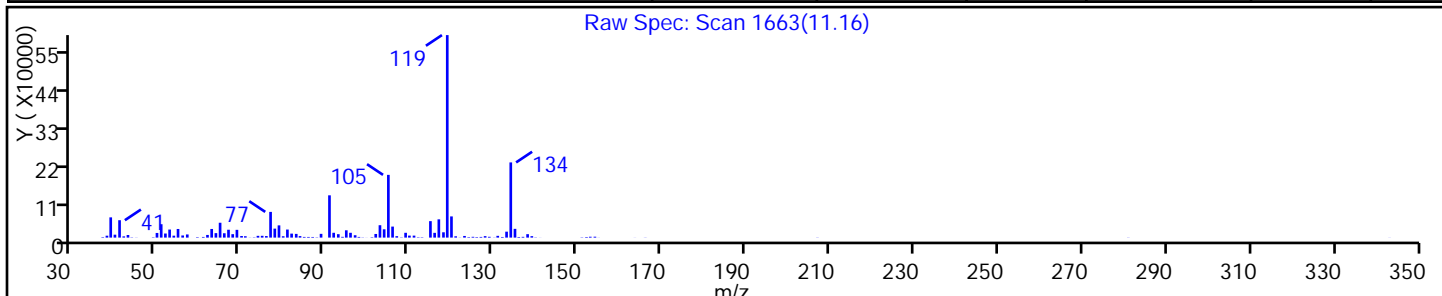
Method: 8260_W8

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-	141-93-5	NIST02.L	14331	C10H14	134	96
Benzene, 1,2-diethyl-	135-01-3	NIST02.L	14329	C10H14	134	94
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

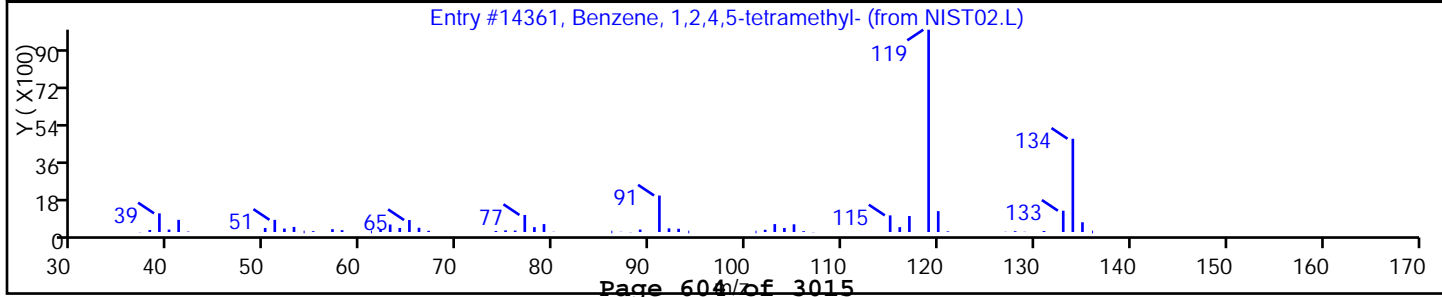
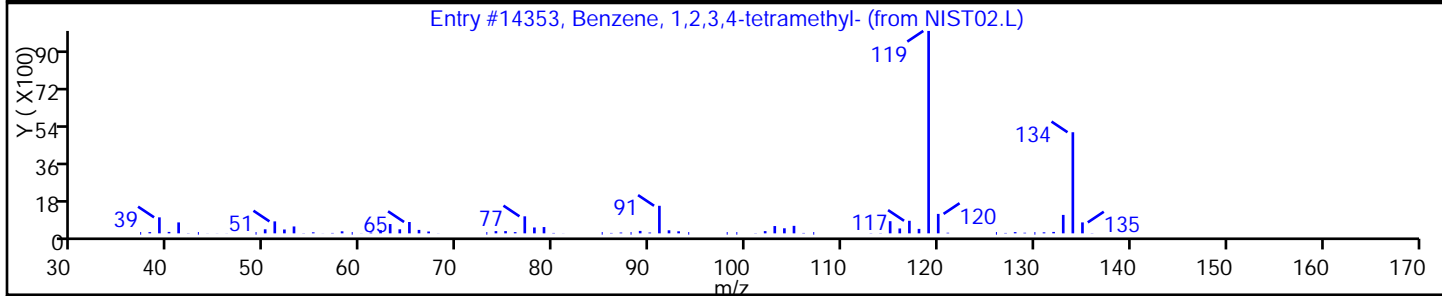
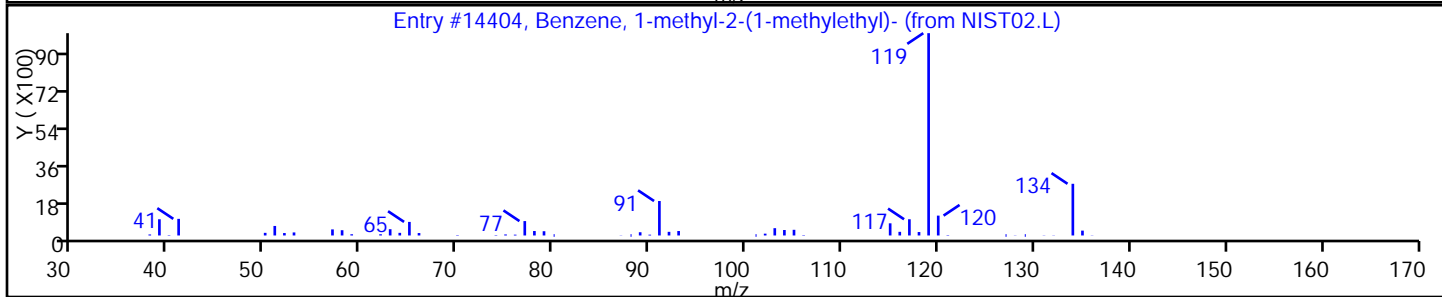
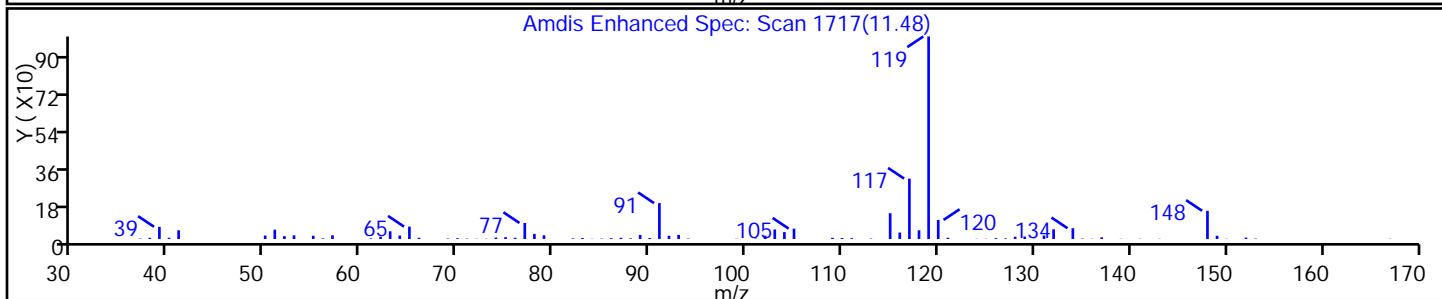
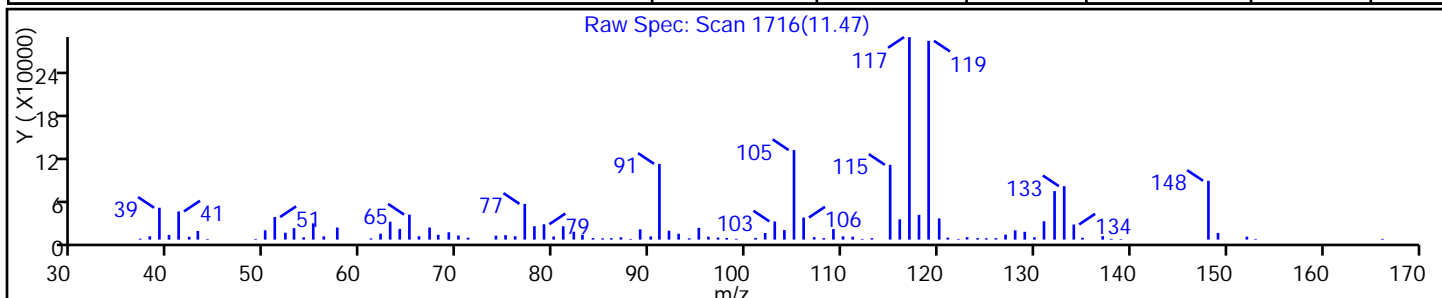
Method: 8260_W8

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	14404	C10H14	134	81
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	81
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	76



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

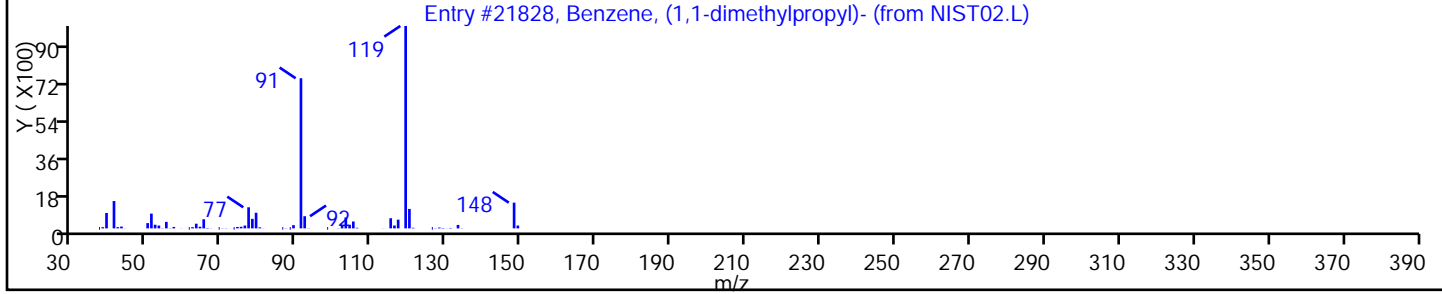
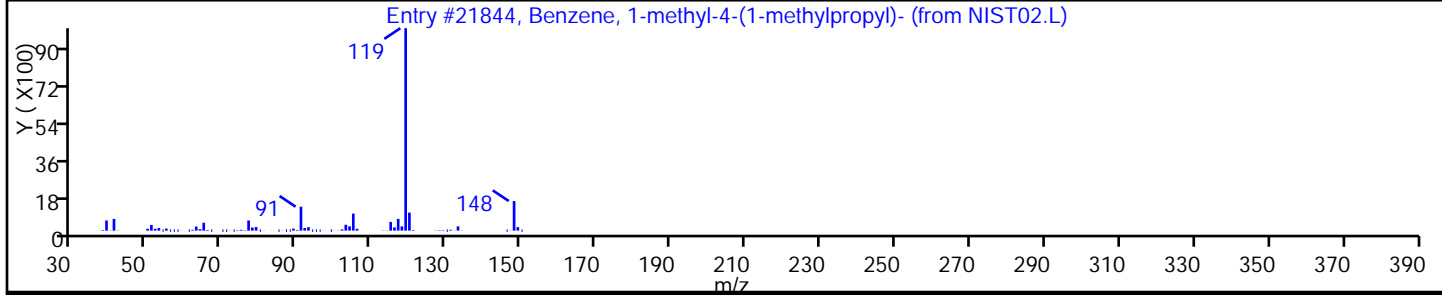
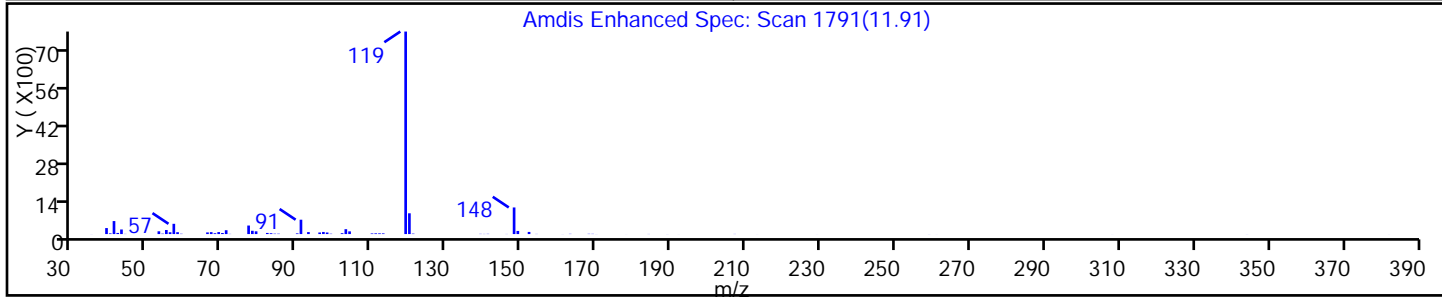
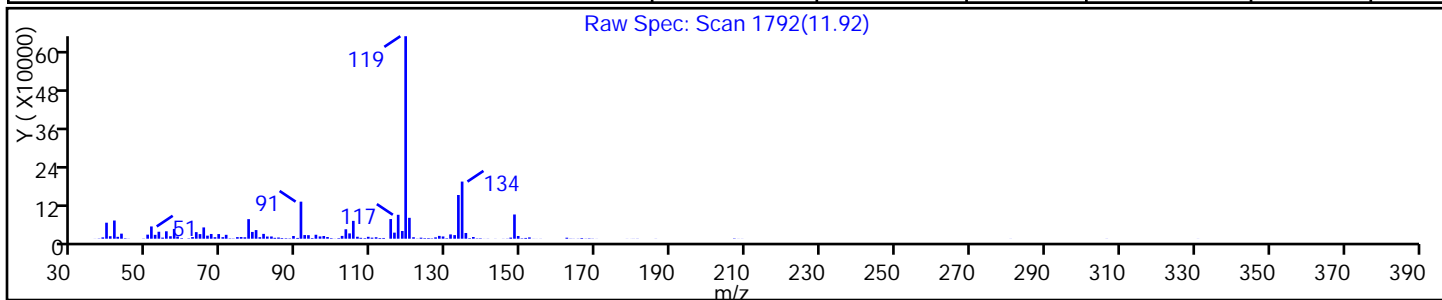
Method: 8260_W8

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	21828	C11H16	148	78



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

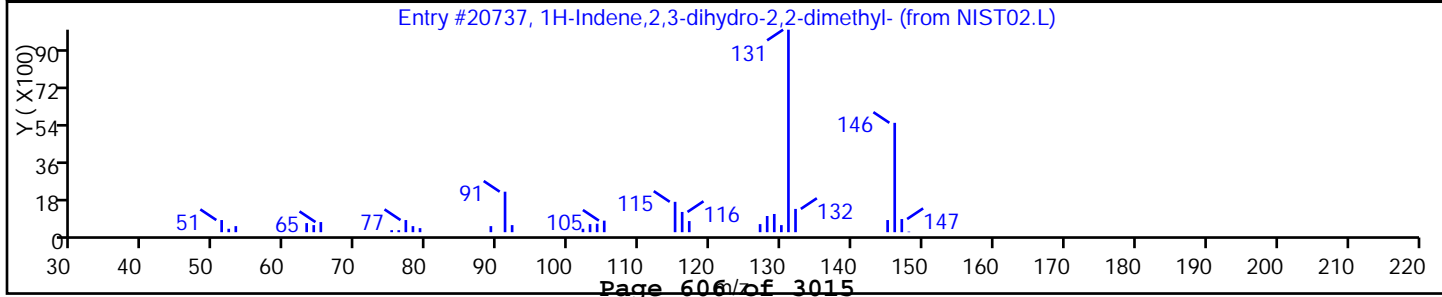
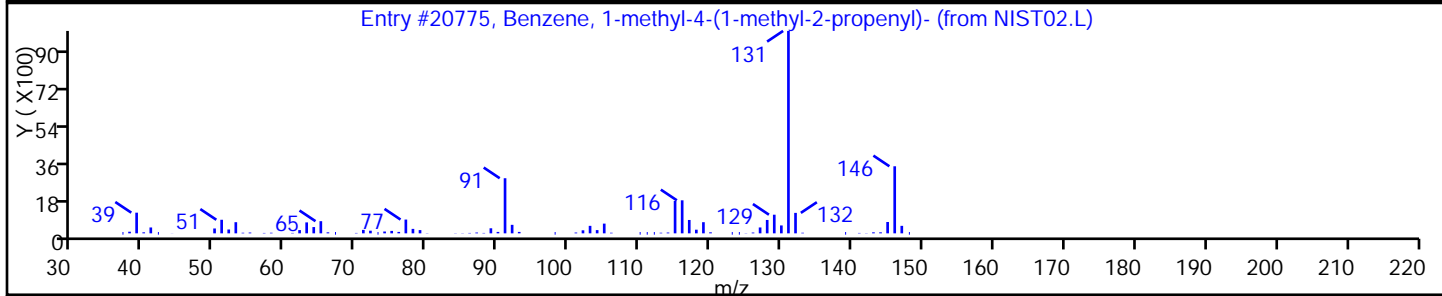
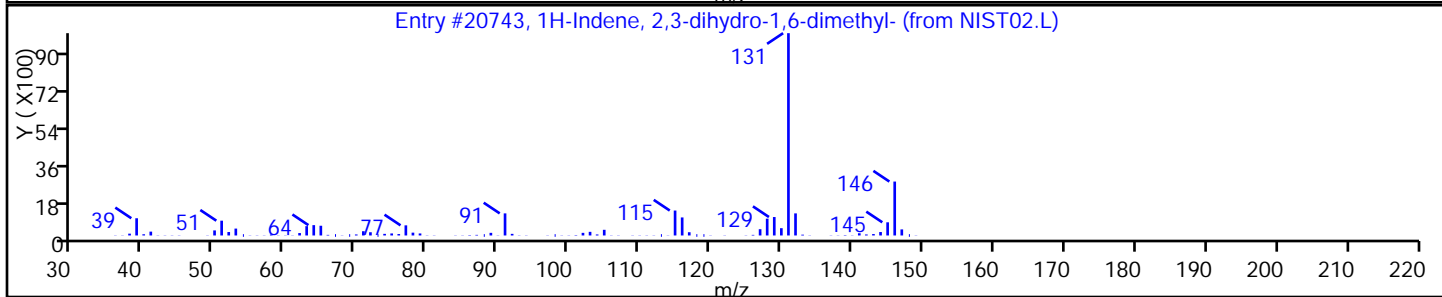
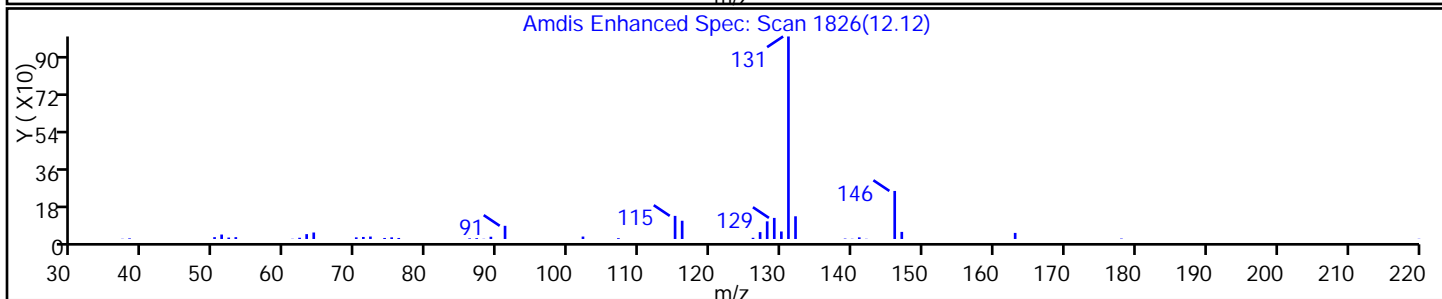
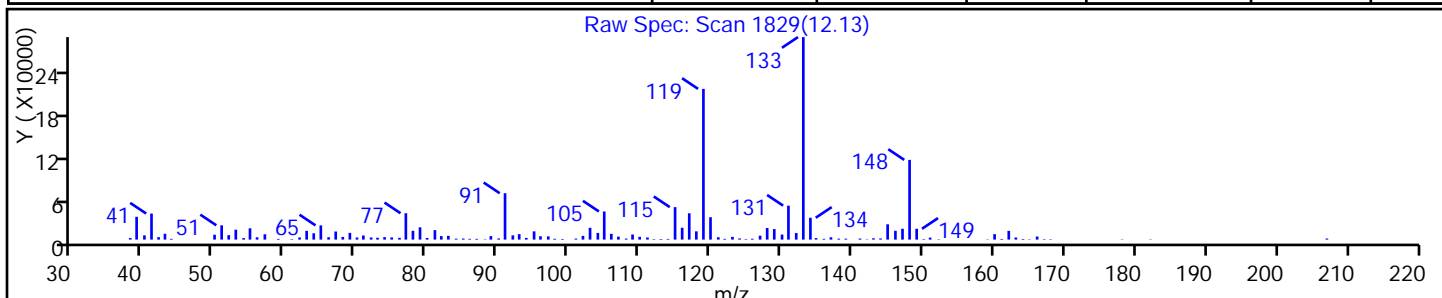
Method: 8260_W8

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	91
Benzene, 1-methyl-4-(1-methyl-2-propenyl)	97664-18-1	NIST02.L	20775	C11H14	146	91
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

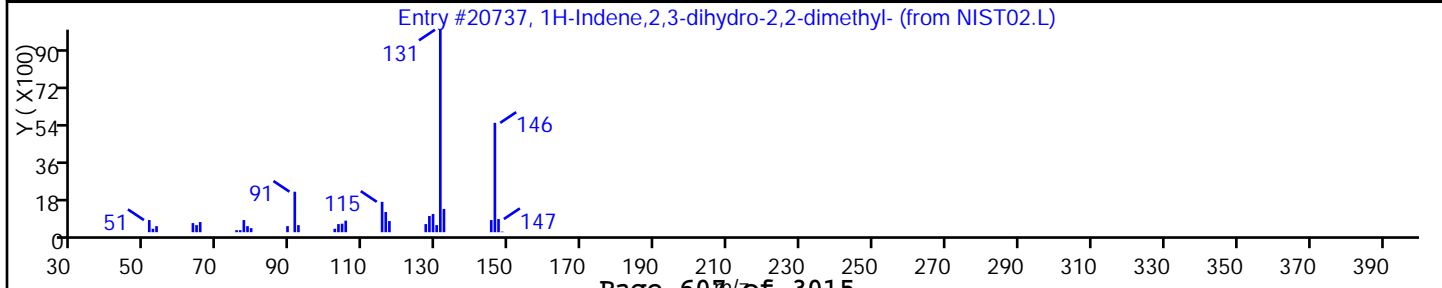
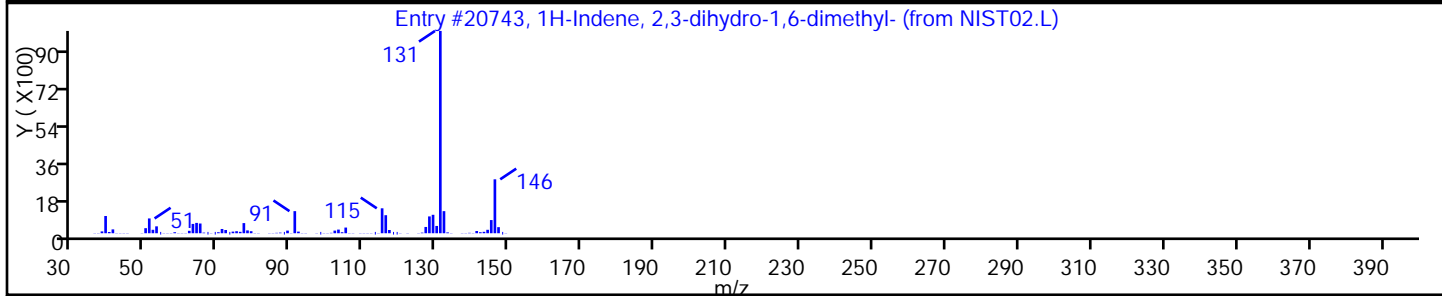
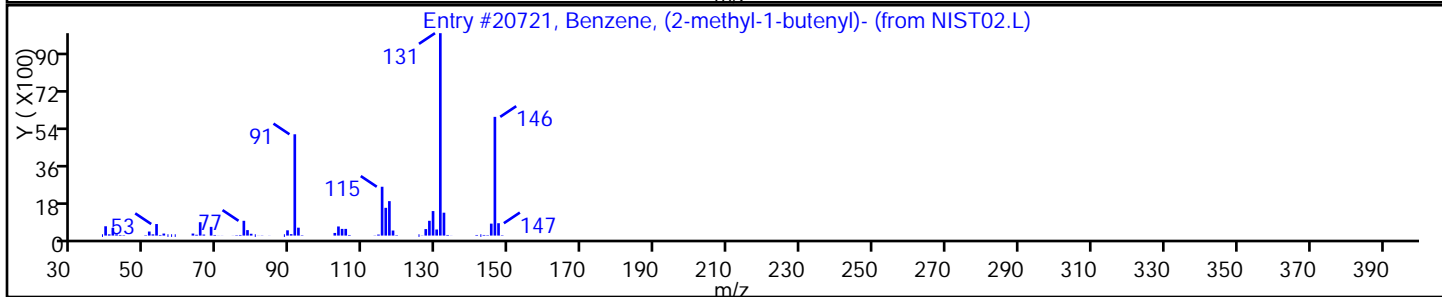
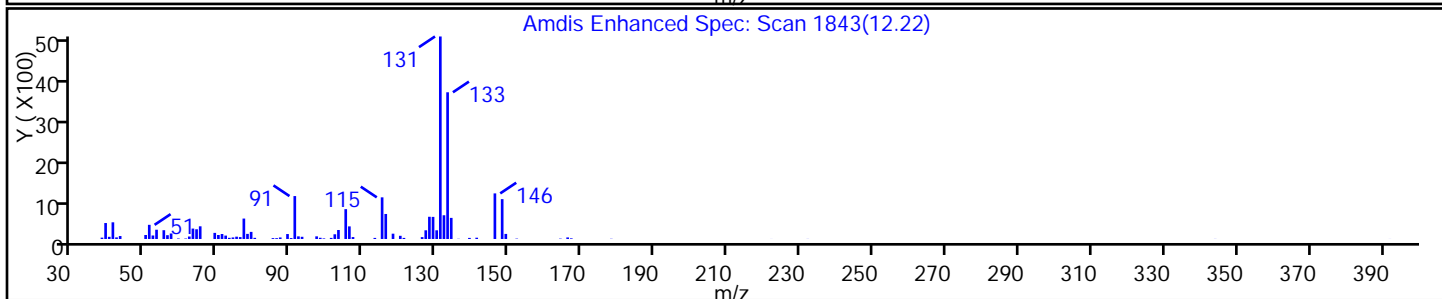
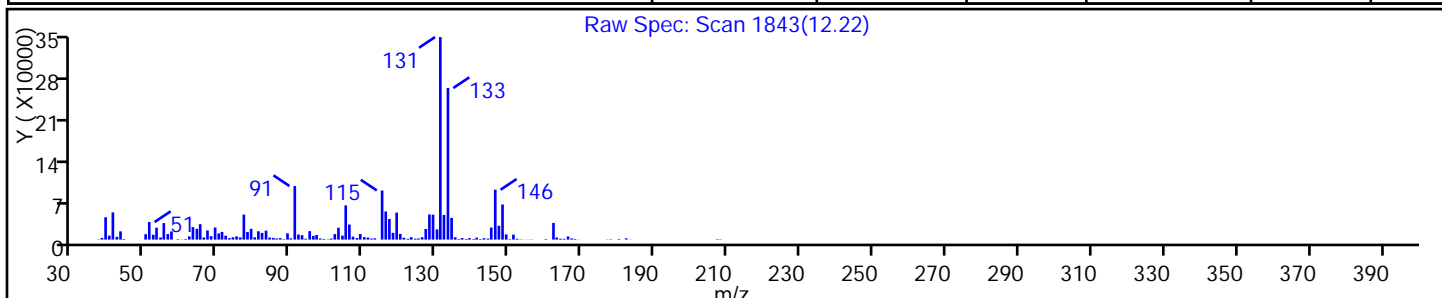
Method: 8260_W8

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
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	70
1H-Indene, 2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	70



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

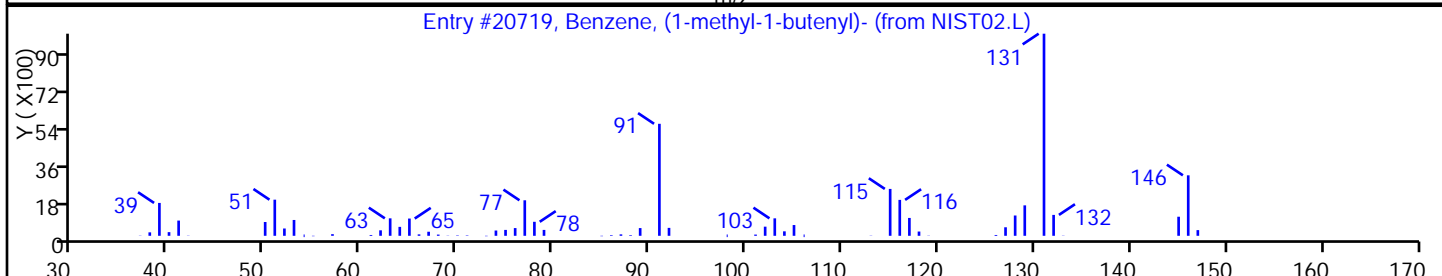
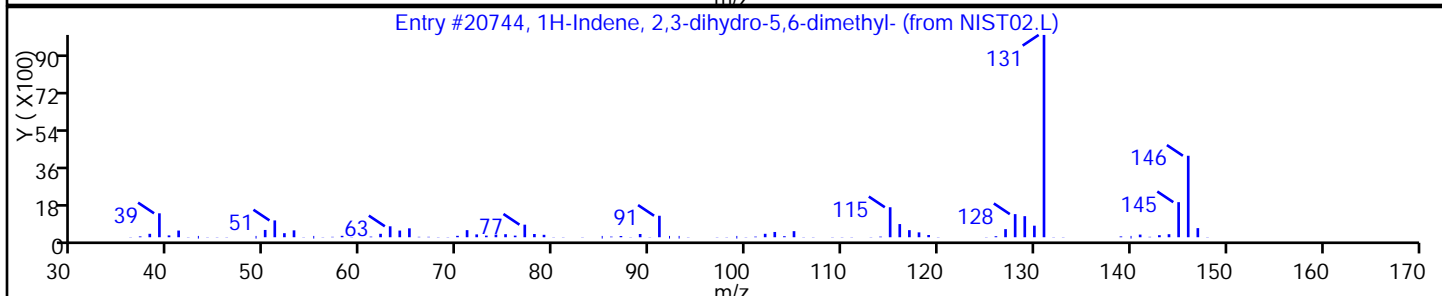
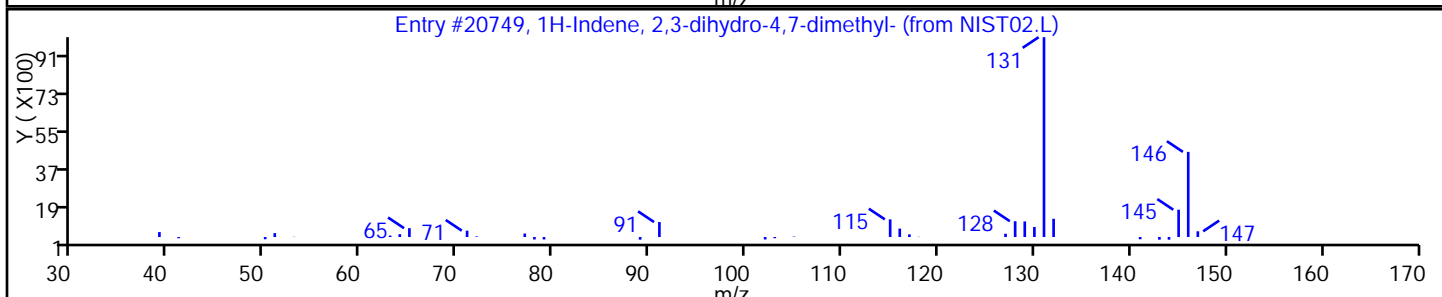
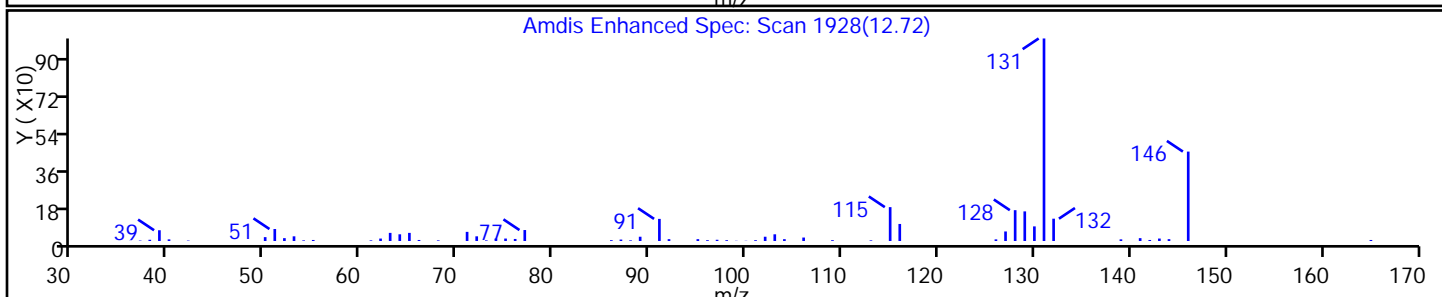
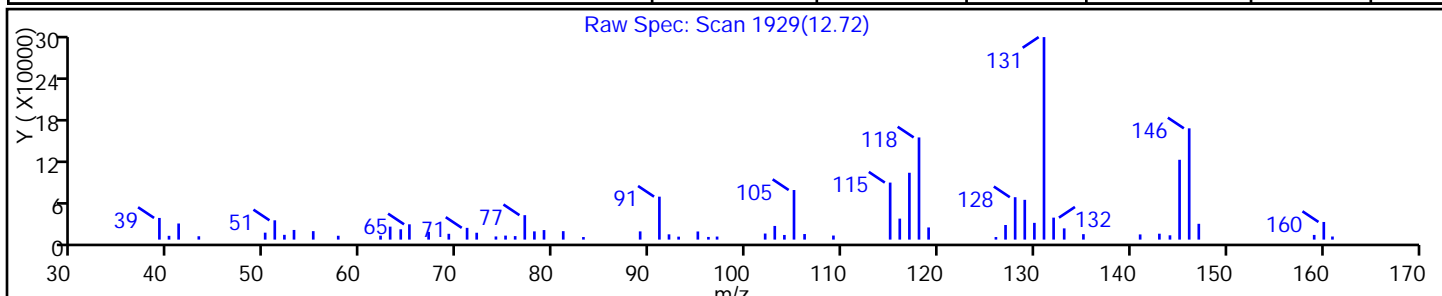
Method: 8260_W8

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-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	94
1H-Indene, 2,3-dihydro-5,6-dimethyl-	1075-22-5	NIST02.L	20744	C11H14	146	91
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.L	20719	C11H14	146	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

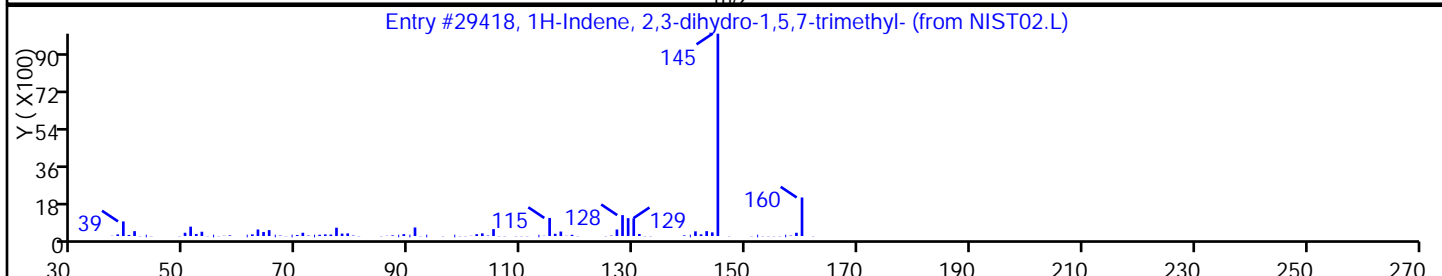
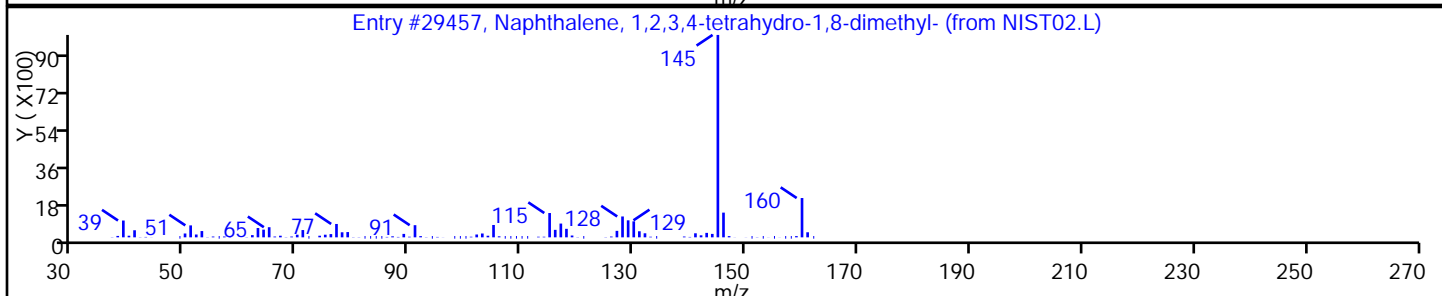
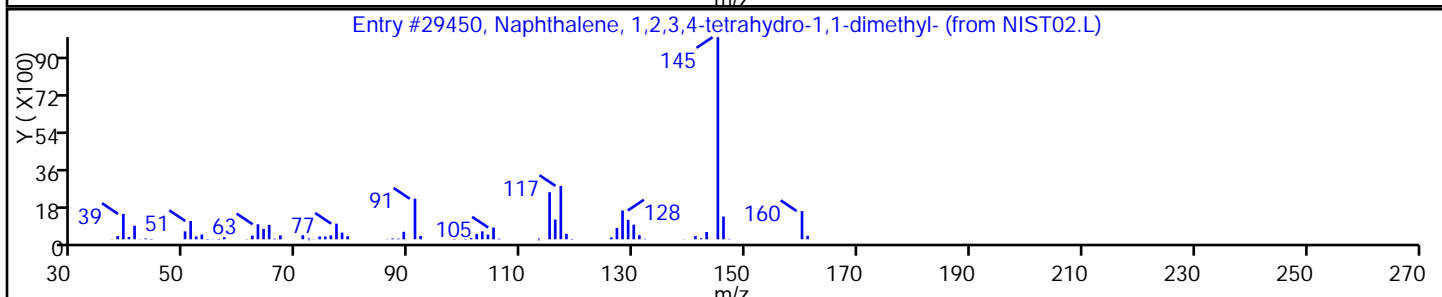
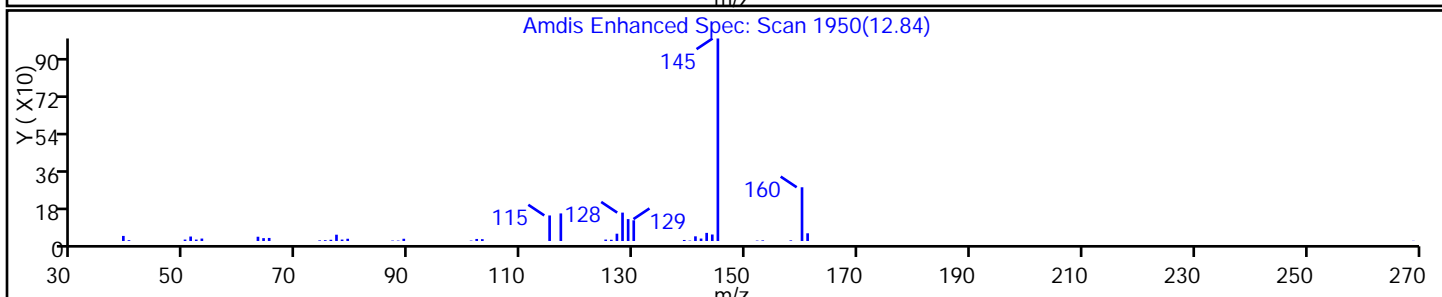
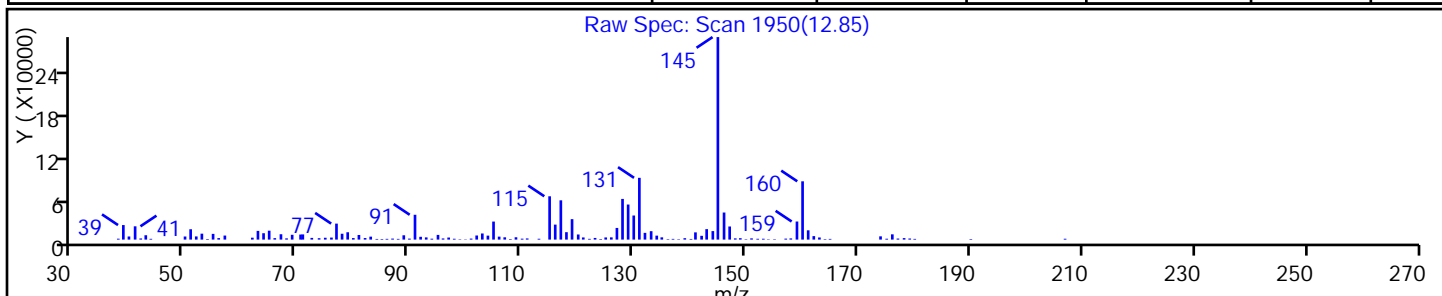
Method: 8260_W8

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-1,1-dime	1985-59-7	NIST02.L	29450	C12H16	160	91
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29457	C12H16	160	91
1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	54340-88-4	NIST02.L	29418	C12H16	160	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

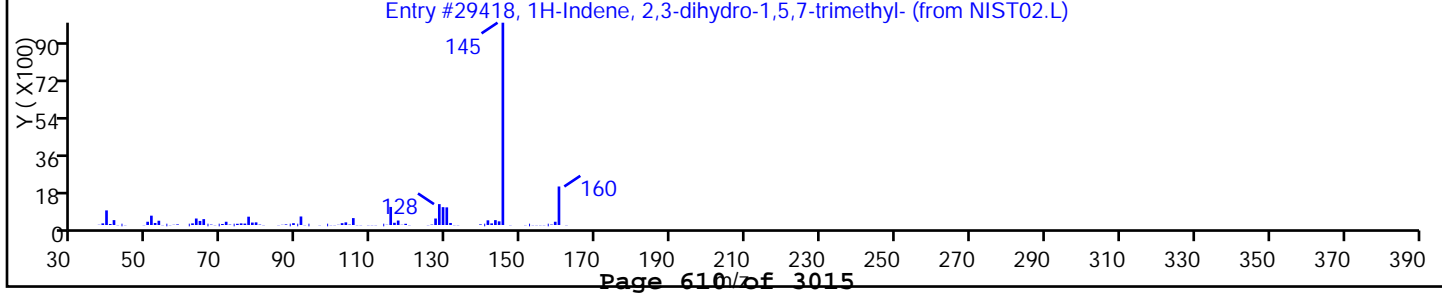
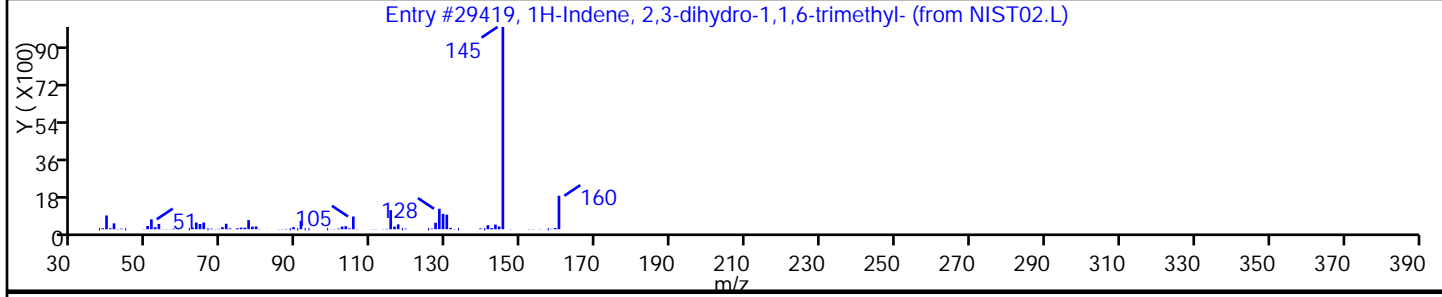
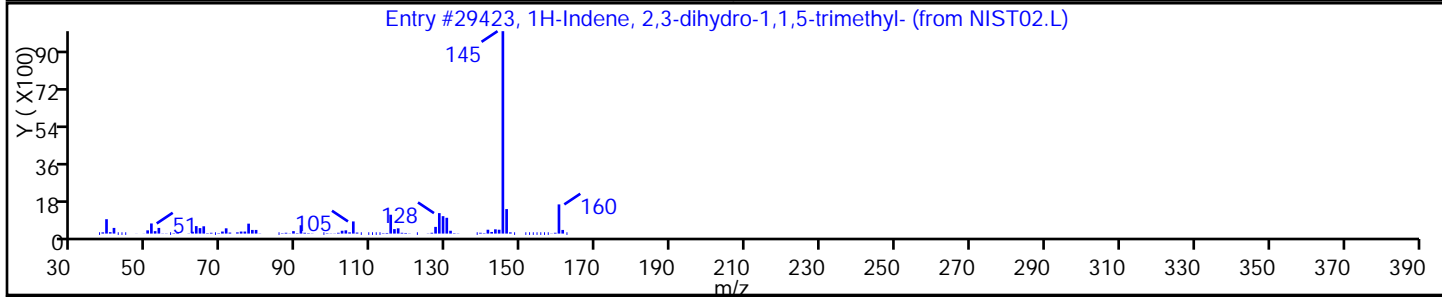
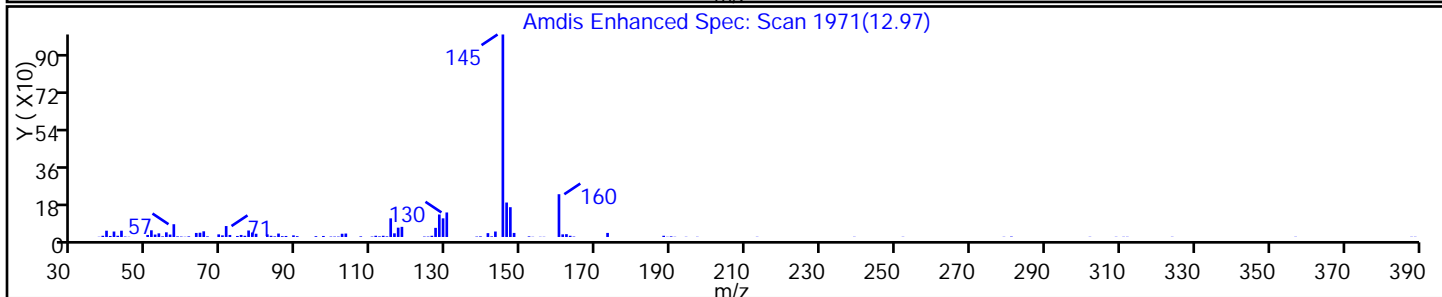
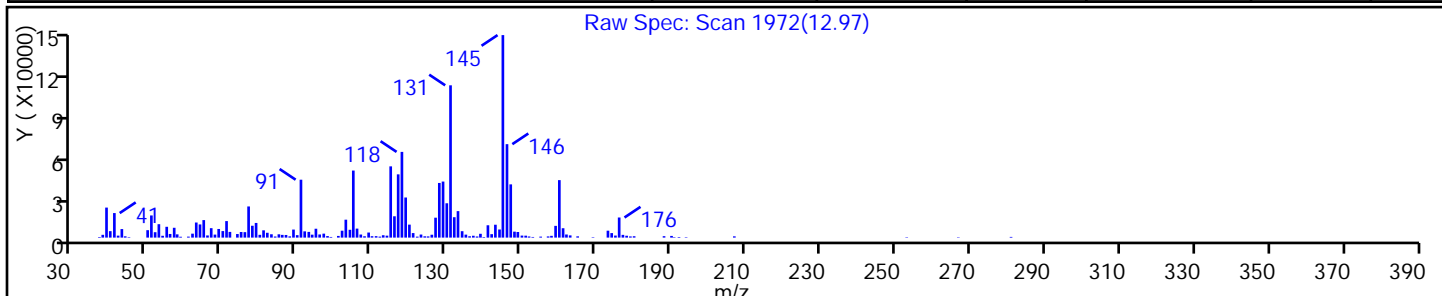
Method: 8260_W8

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-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	87
1H-Indene, 2,3-dihydro-1,1,6-trimethyl-	14276-95-0	NIST02.L	29419	C12H16	160	87
1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	54340-88-4	NIST02.L	29418	C12H16	160	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J10003.D

Injection Date: 14-Mar-2014 14:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

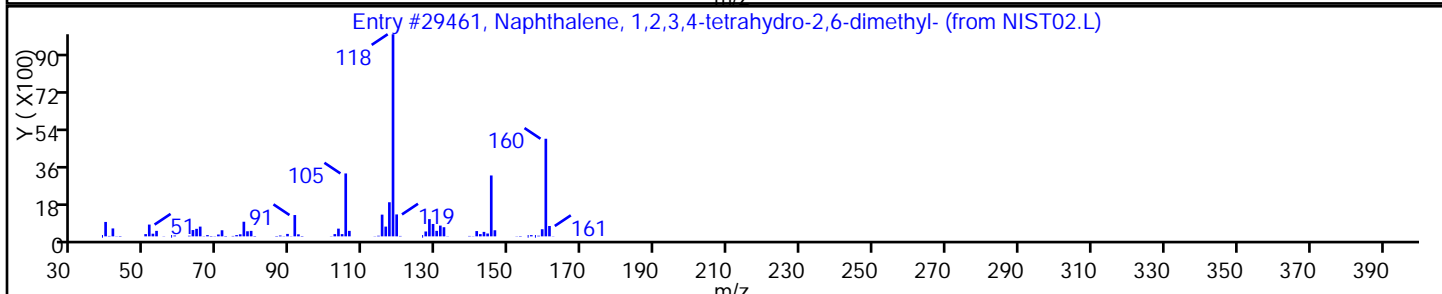
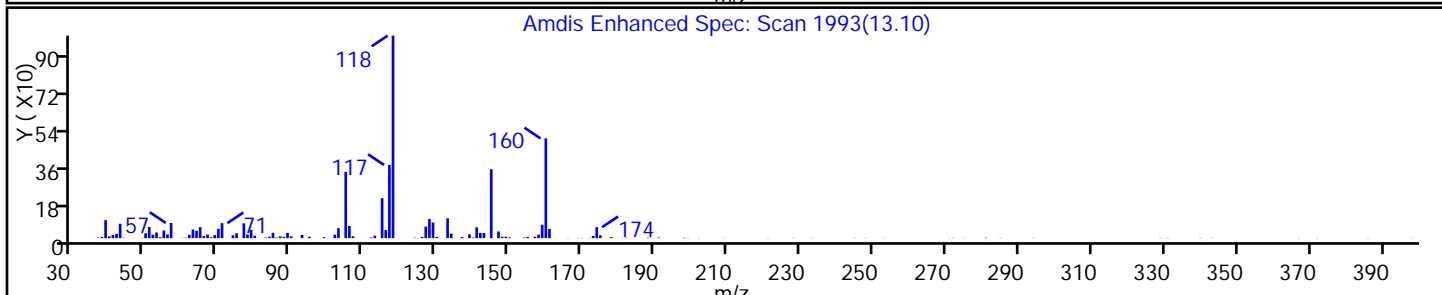
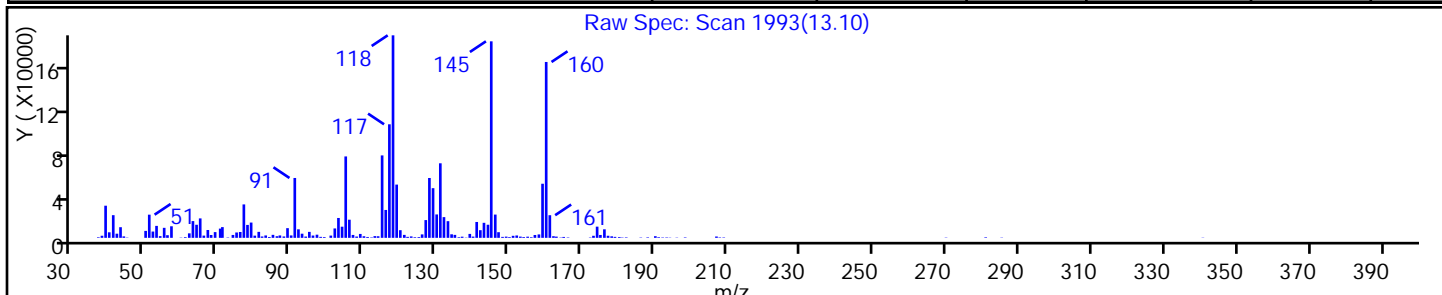
Method: 8260_W8

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	81



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: O84761.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:25
 Sample wt/vol: 4.459(g) Date Analyzed: 03/13/2014 23:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.2 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.21	U	1.3	0.21
74-83-9	Bromomethane	0.56	U	1.3	0.56
75-01-4	Vinyl chloride	0.44	U	1.3	0.44
75-00-3	Chloroethane	0.43	U	1.3	0.43
75-09-2	Methylene Chloride	3.2		1.3	0.20
67-64-1	Acetone	110	B	6.5	2.2
75-15-0	Carbon disulfide	9.9		1.3	0.20
75-69-4	Trichlorofluoromethane	0.21	U	1.3	0.21
75-35-4	1,1-Dichloroethene	0.25	U	1.3	0.25
75-34-3	1,1-Dichloroethane	0.14	U	1.3	0.14
156-60-5	trans-1,2-Dichloroethene	0.17	U	1.3	0.17
156-59-2	cis-1,2-Dichloroethene	0.14	U	1.3	0.14
67-66-3	Chloroform	0.35	J	1.3	0.31
78-93-3	2-Butanone	19		6.5	0.82
107-06-2	1,2-Dichloroethane	0.24	U	1.3	0.24
71-55-6	1,1,1-Trichloroethane	0.17	U	1.3	0.17
56-23-5	Carbon tetrachloride	0.20	U	1.3	0.20
71-43-2	Benzene	0.20	U	1.3	0.20
75-25-2	Bromoform	0.22	U	1.3	0.22
100-42-5	Styrene	0.37	U	1.3	0.37
100-41-4	Ethylbenzene	1.4		1.3	0.22
108-90-7	Chlorobenzene	0.24	U	1.3	0.24
110-82-7	Cyclohexane	0.17	U	1.3	0.17
98-82-8	Isopropylbenzene	0.30	J	1.3	0.14
591-78-6	2-Hexanone	0.17	U	6.5	0.17
1634-04-4	MTBE	0.14	U	1.3	0.14
76-13-1	Freon TF	0.14	U	1.3	0.14
79-20-9	Methyl acetate	0.42	U	6.5	0.42
123-91-1	1,4-Dioxane	17	U	26	17
79-01-6	Trichloroethene	0.16	U	1.3	0.16
108-88-3	Toluene	0.21	J	1.3	0.18
10061-02-6	trans-1,3-Dichloropropene	0.13	U	1.3	0.13
108-10-1	4-Methyl-2-pentanone	0.26	U	6.5	0.26
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.3	0.18
95-50-1	1,2-Dichlorobenzene	0.16	J	1.3	0.13
541-73-1	1,3-Dichlorobenzene	0.21	U	1.3	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: O84761.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:25
 Sample wt/vol: 4.459(g) Date Analyzed: 03/13/2014 23:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.2 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.50	J	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	0.25	U	1.3	0.25
87-61-6	1,2,3-Trichlorobenzene	0.21	U	1.3	0.21
78-87-5	1,2-Dichloropropane	0.20	U	1.3	0.20
108-87-2	Methylcyclohexane	1.5		1.3	0.13
127-18-4	Tetrachloroethene	0.16	U	1.3	0.16
1330-20-7	Xylenes, Total	1.1	J	2.6	0.88
96-12-8	1,2-Dibromo-3-Chloropropane	0.58	U	1.3	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.12	U	1.3	0.12
79-00-5	1,1,2-Trichloroethane	0.18	U	1.3	0.18
124-48-1	Dibromochloromethane	0.13	U	1.3	0.13
106-93-4	1,2-Dibromoethane	0.20	U	1.3	0.20
75-71-8	Dichlorodifluoromethane	0.29	U	1.3	0.29
74-97-5	Bromochloromethane	0.14	U	1.3	0.14
75-27-4	Bromodichloromethane	0.42	U	1.3	0.42

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	91		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: O84761.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:25
 Sample wt/vol: 4.459(g) Date Analyzed: 03/13/2014 23:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.2 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 720

CAS NO.	COMPOUND NAME	RT	RESULT	Q
17301-23-4	Undecane, 2,6-dimethyl-	13.60	43	J N
91-57-6	Naphthalene, 2-methyl-	14.31	110	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	14.38	86	J N
90-12-0	Naphthalene, 1-methyl-	14.44	50	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	14.84	75	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.92	70	J N
	Unknown	15.00	53	J
581-42-0	Naphthalene, 2,6-dimethyl-	15.07	99	J N
573-98-8	Naphthalene, 1,2-dimethyl-	15.17	86	J N
575-37-1	Naphthalene, 1,7-dimethyl-	15.19	48	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D
 Lims ID: 460-72180-A-7-A Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 23:26:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-7-A
 Misc. Info.: 460-0010824-012
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:51:37 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:52:39

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	88	224866	86.8	
21 Carbon disulfide	76	1.663	1.656	0.007	99	146107	7.56	
25 Methylene Chloride	84	1.821	1.821	0.0	86	16102	2.44	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	100	654795	1000.0	
43 2-Butanone (MEK)	72	2.680	2.680	0.0	26	12564	14.3	
47 Chloroform	83	2.895	2.895	0.0	73	2880	0.2684	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	93	190286	44.6	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.303	3.296	0.007	86	197779	44.6	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	1055219	50.0	
63 Methylcyclohexane	83	4.099	4.099	0.0	68	15294	1.15	
* 150 1,4-Dioxane-d8	96	4.292	4.278	0.014	90	53890	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	98	883432	44.9	
77 Toluene	91	5.331	5.331	0.0	88	4714	0.1618	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	749632	50.0	
89 Ethylbenzene	106	7.365	7.358	0.007	98	10650	1.04	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	99	10348	0.8476	
98 Isopropylbenzene	105	8.704	8.712	-0.008	69	7201	0.2330	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	83	240028	45.4	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	98	353942	50.0	
117 1,4-Dichlorobenzene	146	10.810	10.810	0.0	40	4989	0.3813	
121 1,2-Dichlorobenzene	146	11.376	11.376	0.0	26	1463	0.1206	
S 131 Xylenes, Total	100				0		0.8476	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D
 Lims ID: 460-72180-A-7-A Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 23:26:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-7-A
 Misc. Info.: 460-0010824-012
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:51:37 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 08:52:39

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
13.597	17301-23-4 Undecane, 2,6-dimethyl- 1591413	33.0	116	80	45593	C13H28	184	
14.306	91-57-6 Naphthalene, 2-methyl- 3912346	81.1	116	96	18501	C11H10	142	
14.378	74645-98-0 Dodecane, 2,7,10-trimethyl- 3164186	65.6	116	87	64587	C15H32	212	
14.442	90-12-0 Naphthalene, 1-methyl- 1843476	38.2	116	96	18499	C11H10	142	I
14.836	2613-76-5 1H-Indene, 2,3-dihydro-1,1,3-trimethyl- 2777399	57.6	116	94	29424	C12H16	160	
14.922	638-36-8 Hexadecane, 2,6,10,14-tetramethyl- 2592499	53.8	116	90	107670	C20H42	282	
15.001	Unknown 1945285	40.3	116					
15.065	581-42-0 Naphthalene, 2,6-dimethyl- 3643672	75.6	116	98	27167	C12H12	156	
15.165	573-98-8 Naphthalene, 1,2-dimethyl- 3185145	66.0	116	97	27182	C12H12	156	
15.187	575-37-1 Naphthalene, 1,7-dimethyl- 1760422	36.5	116	98	27169	C12H12	156	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	2411362	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Worklist Smp#: 12

Client ID: PMP-16SW-SI

Purge Vol: 5.000 mL

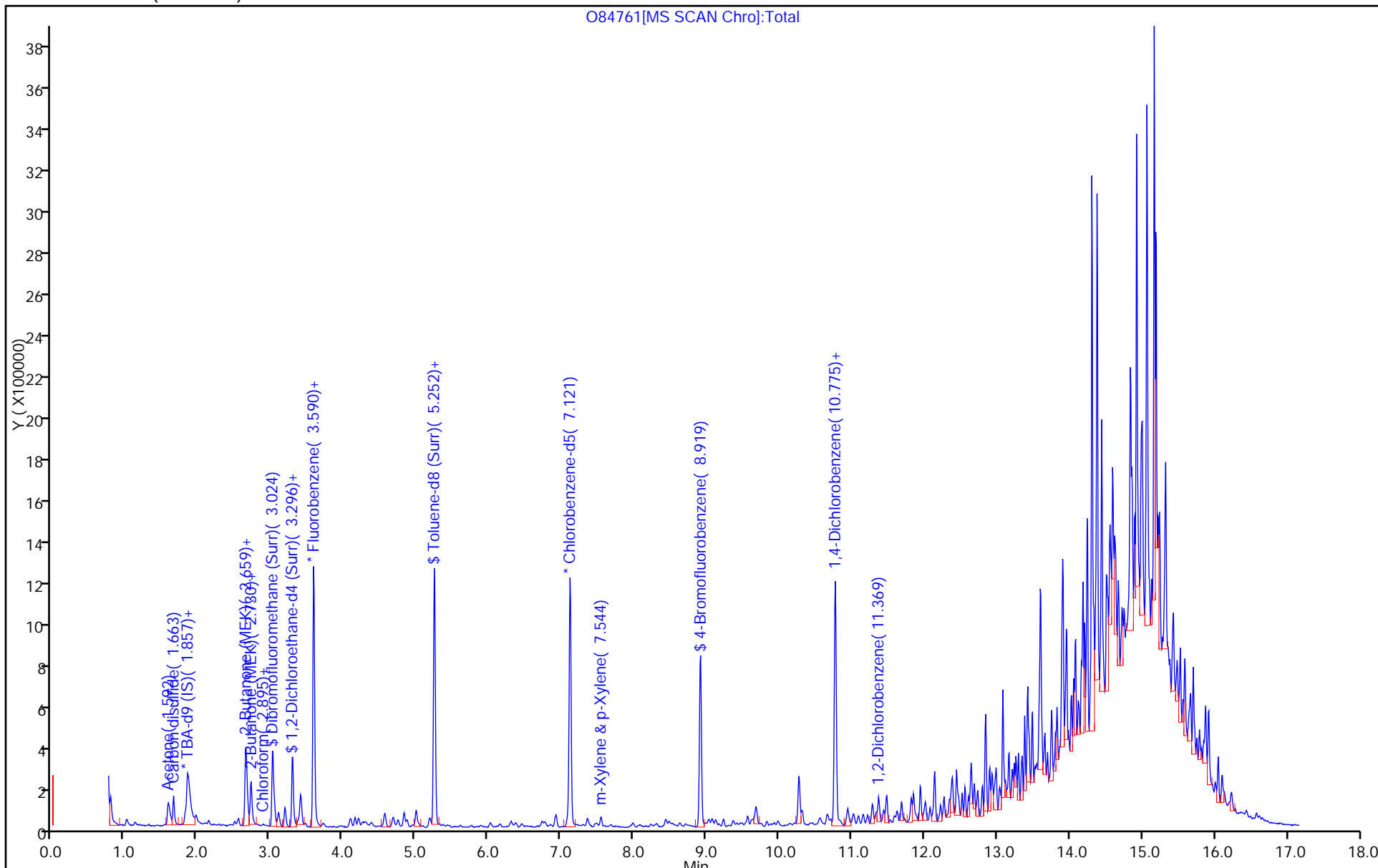
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

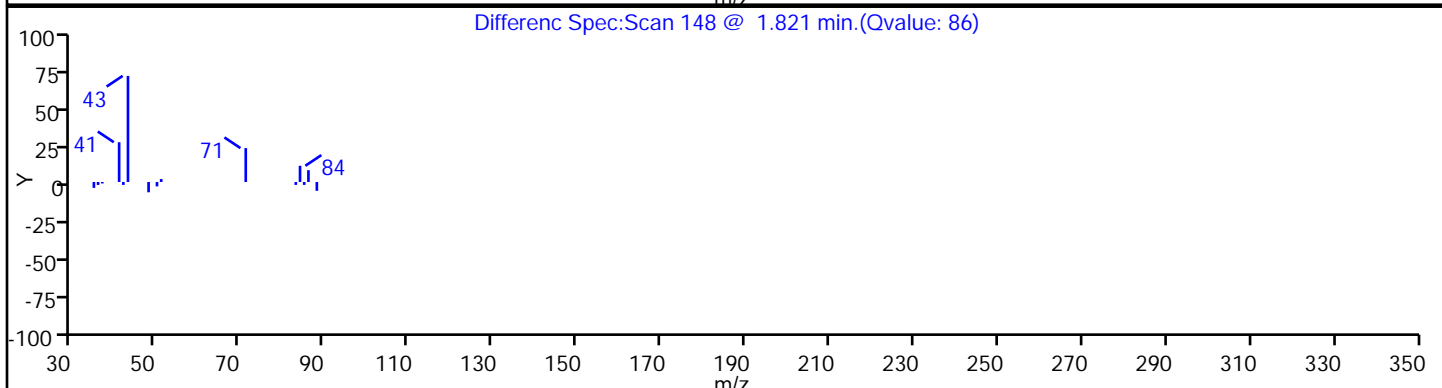
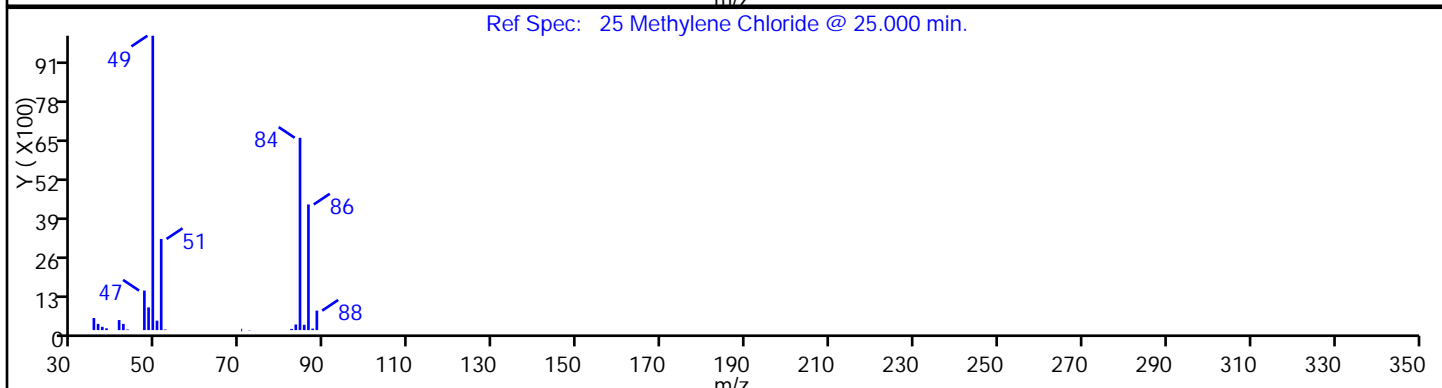
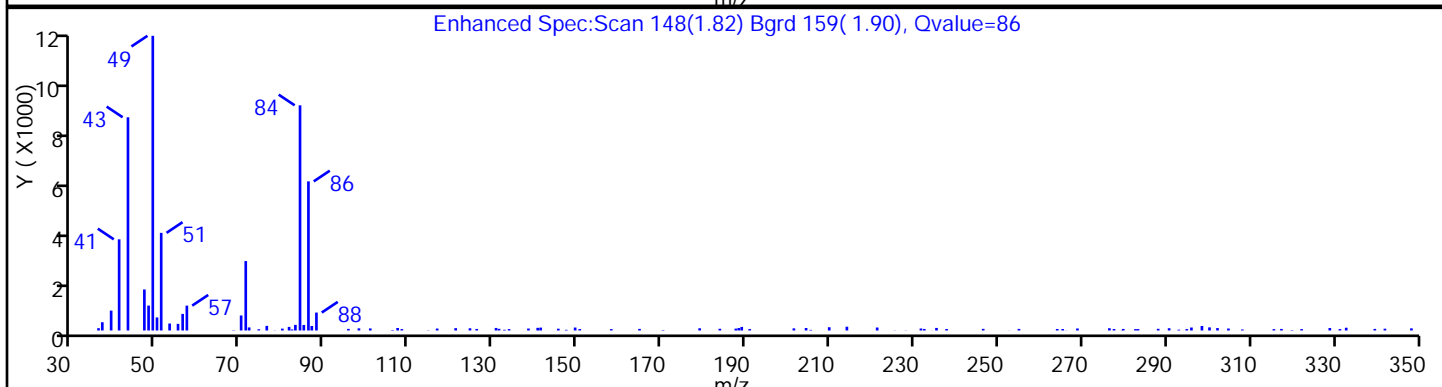
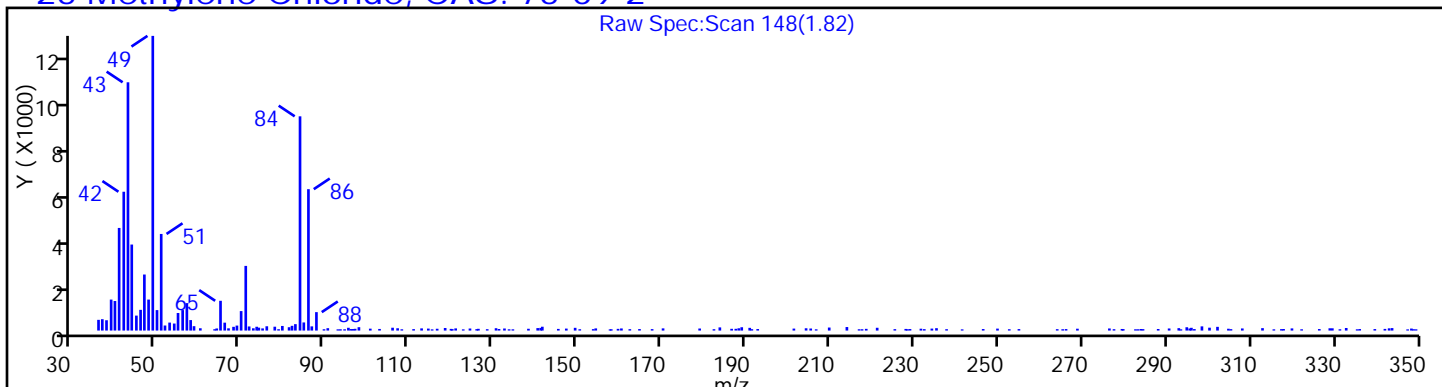
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

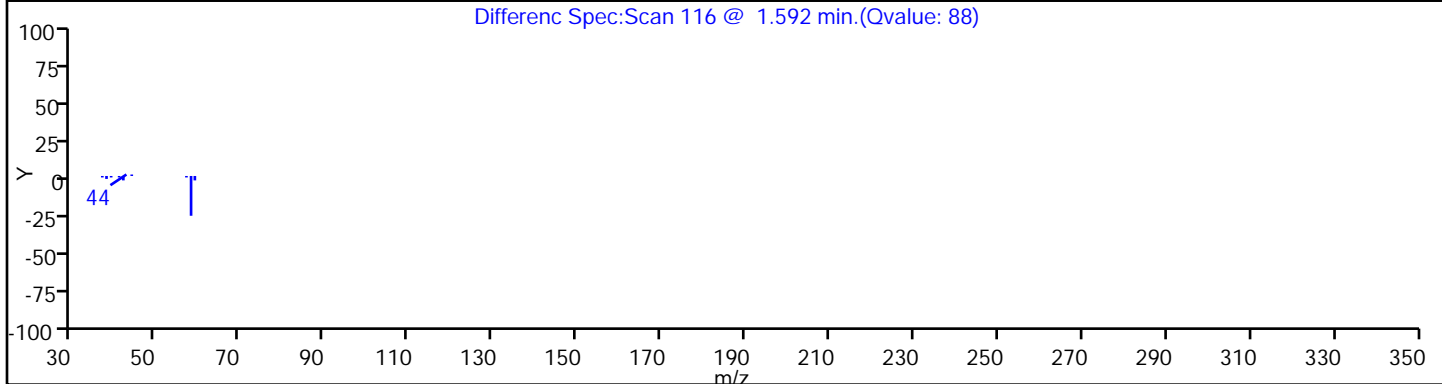
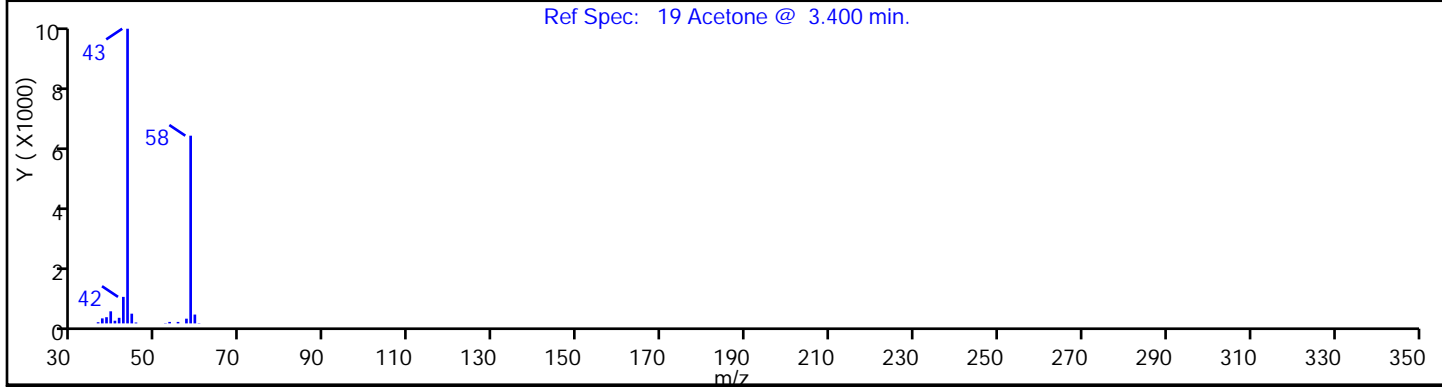
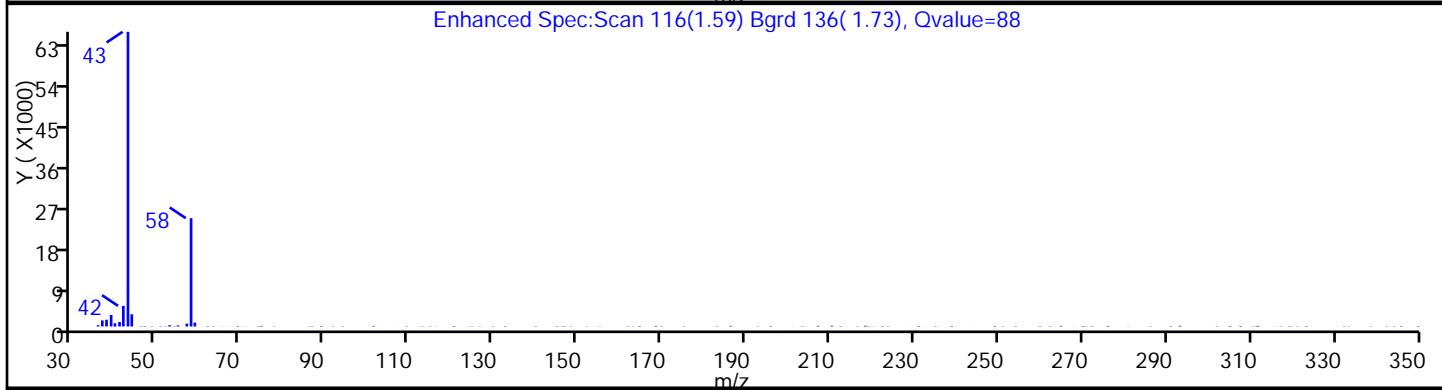
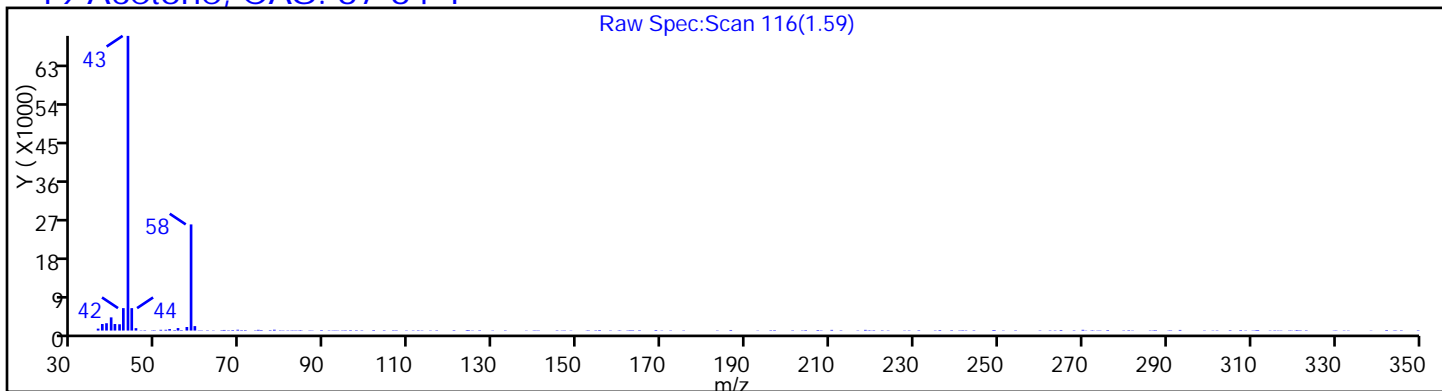
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

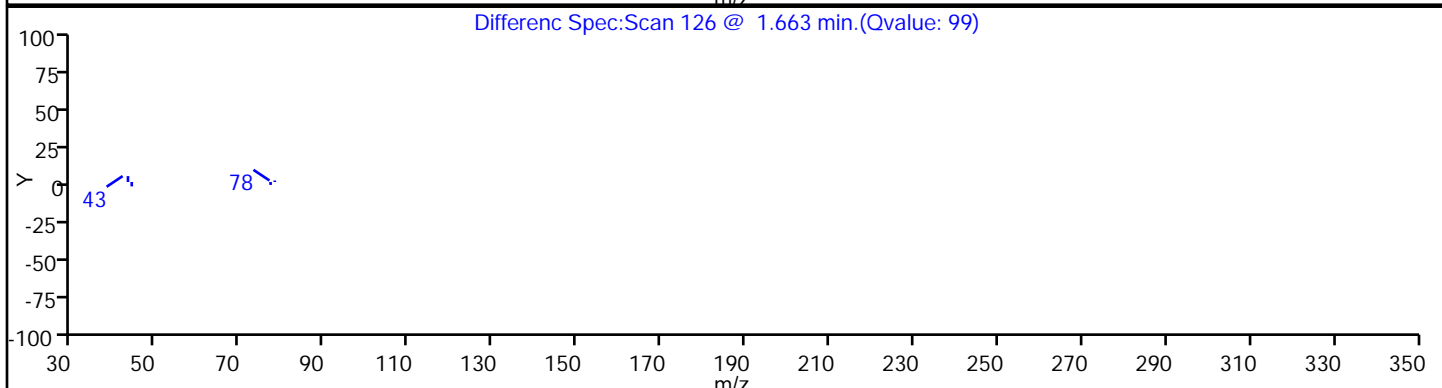
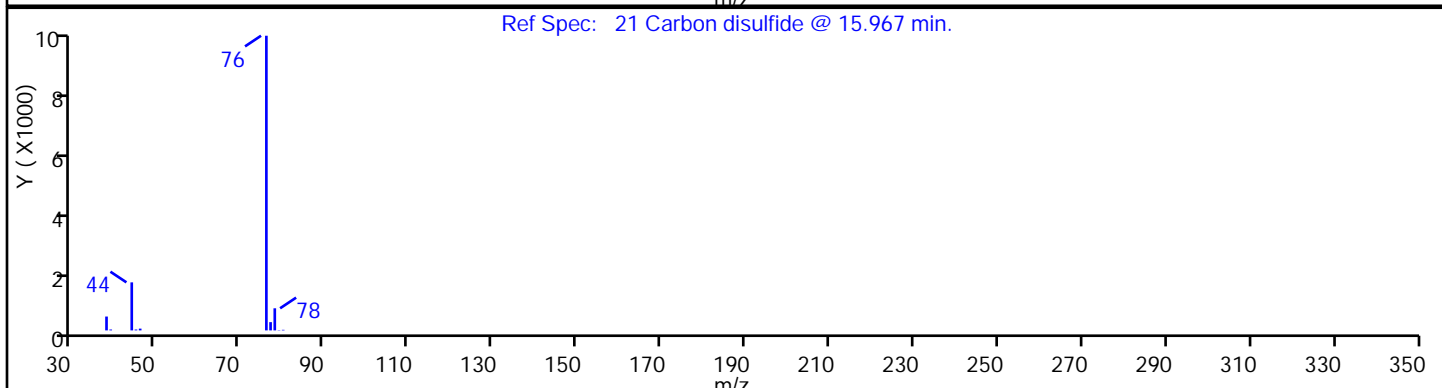
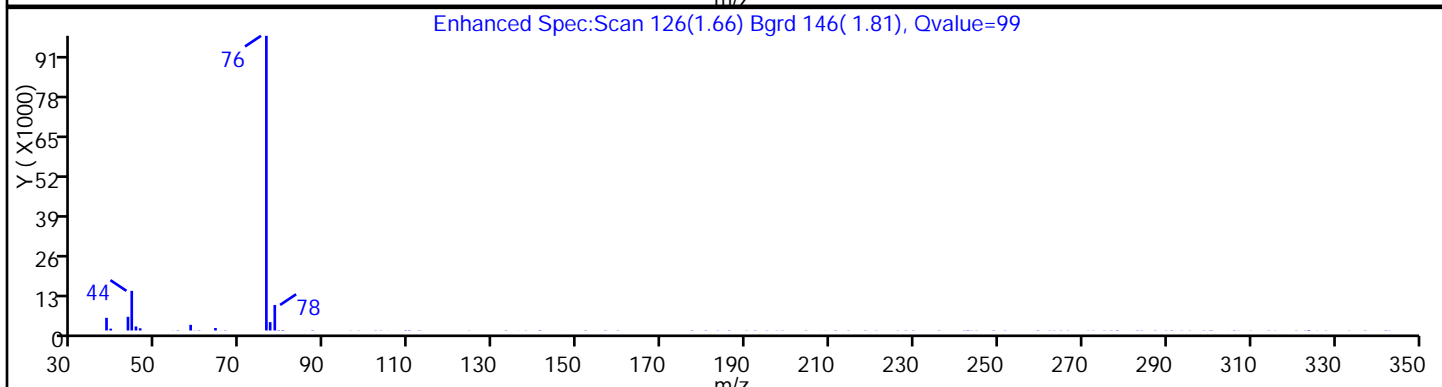
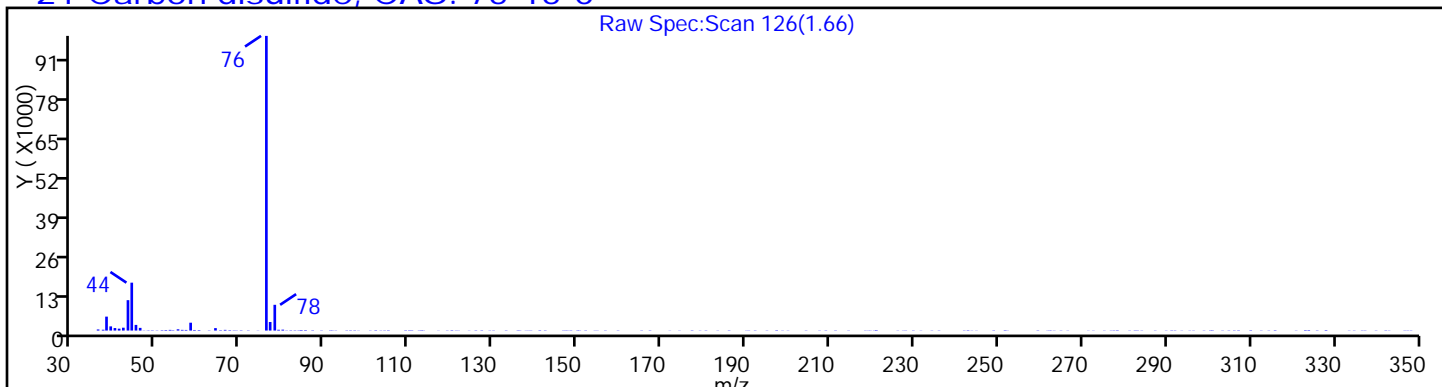
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

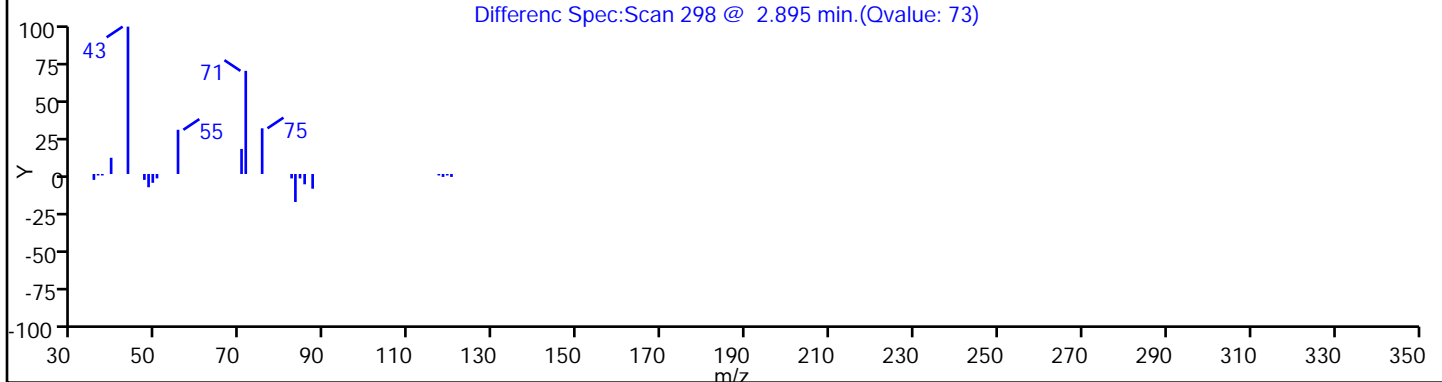
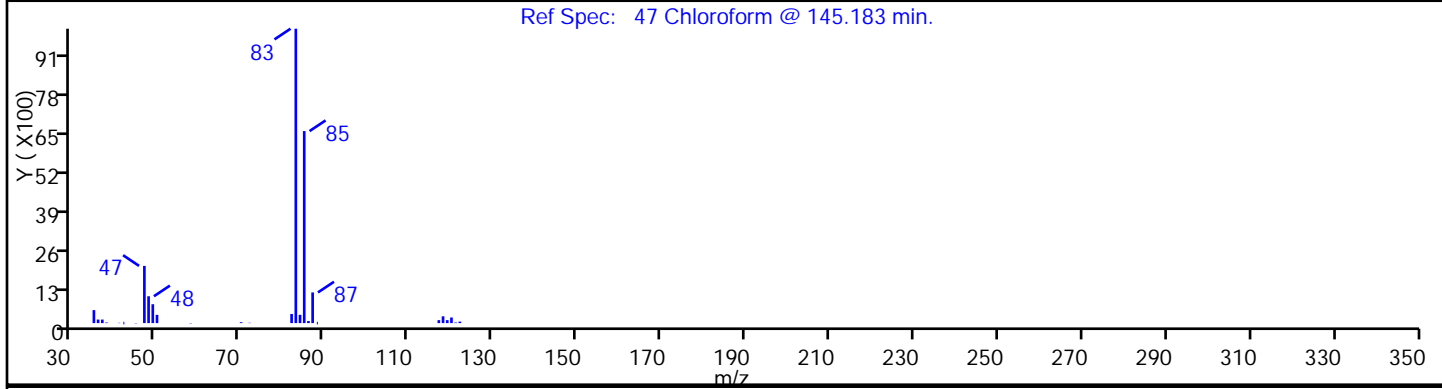
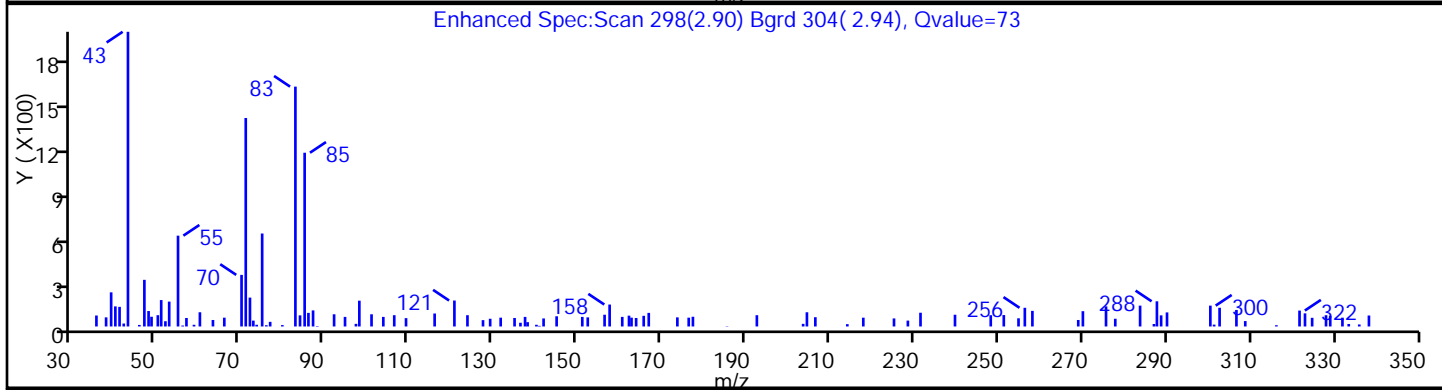
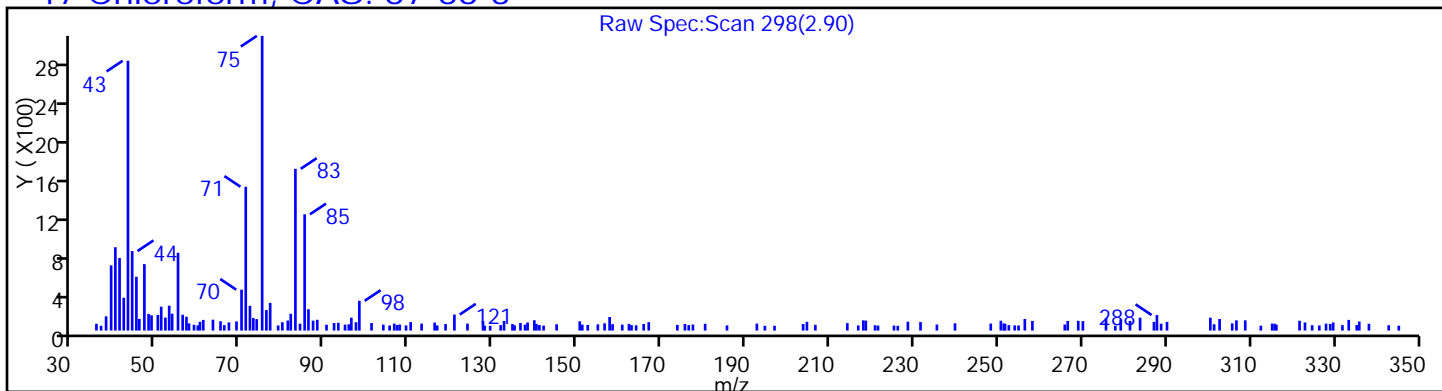
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

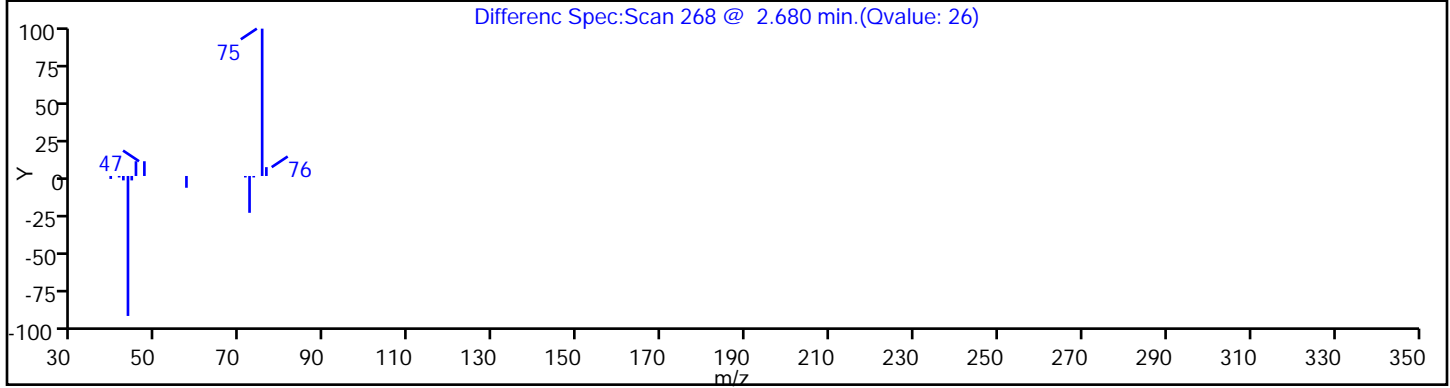
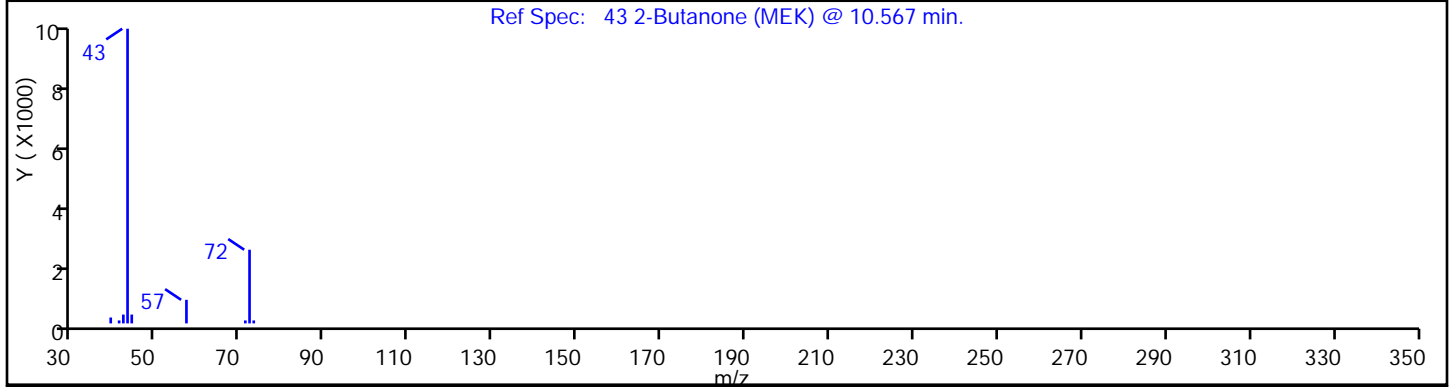
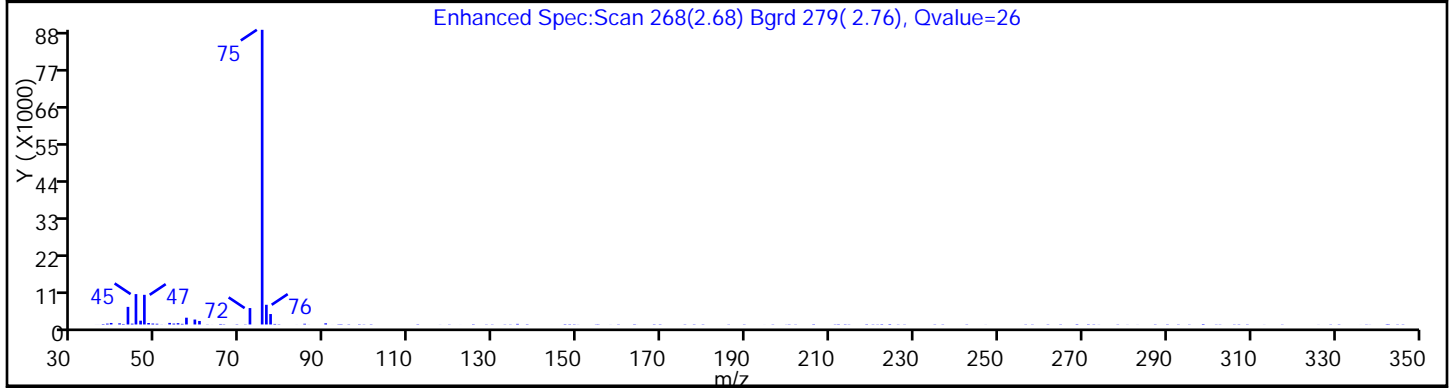
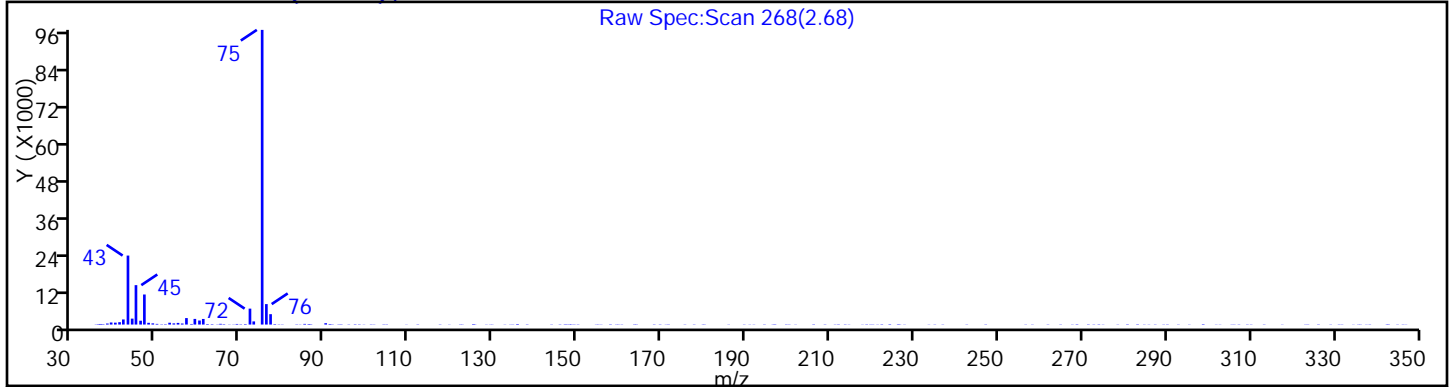
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

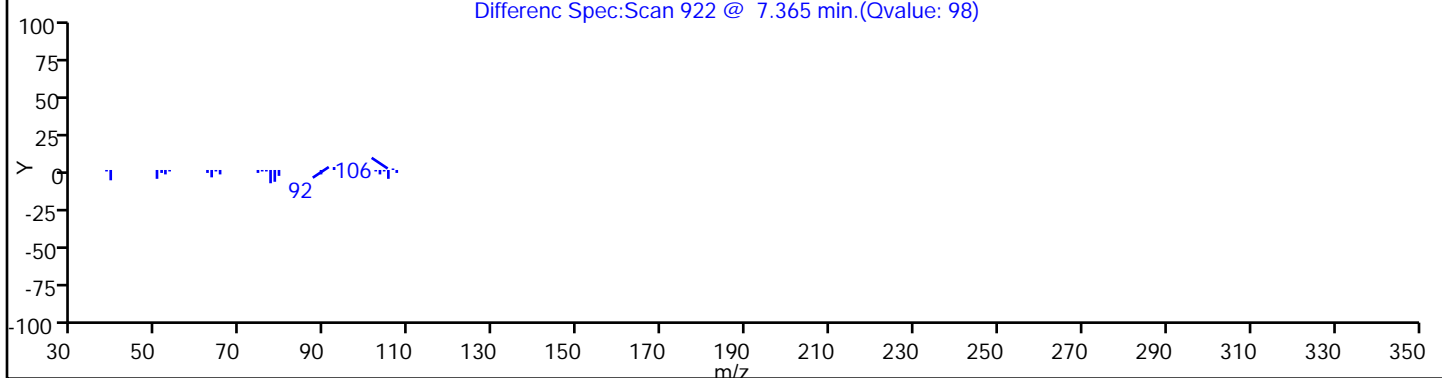
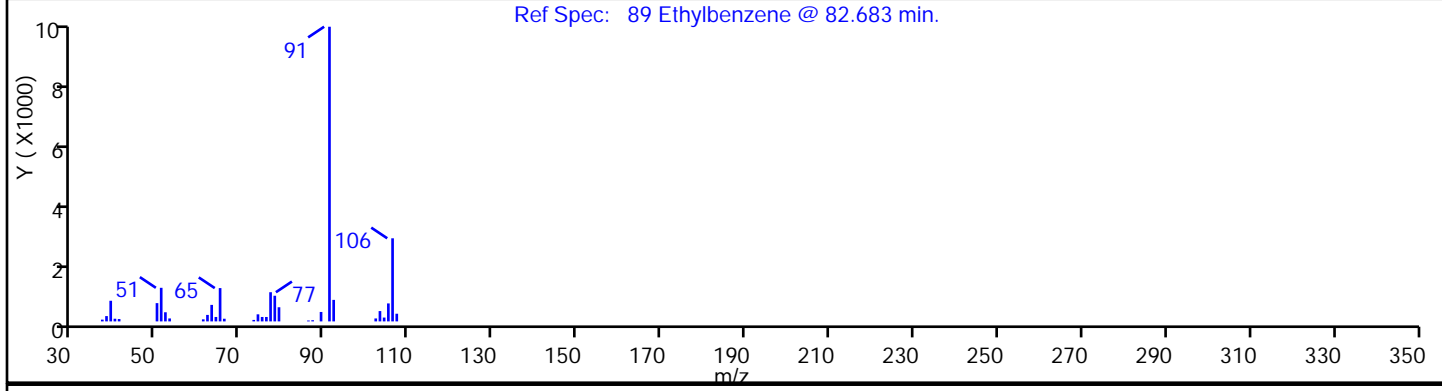
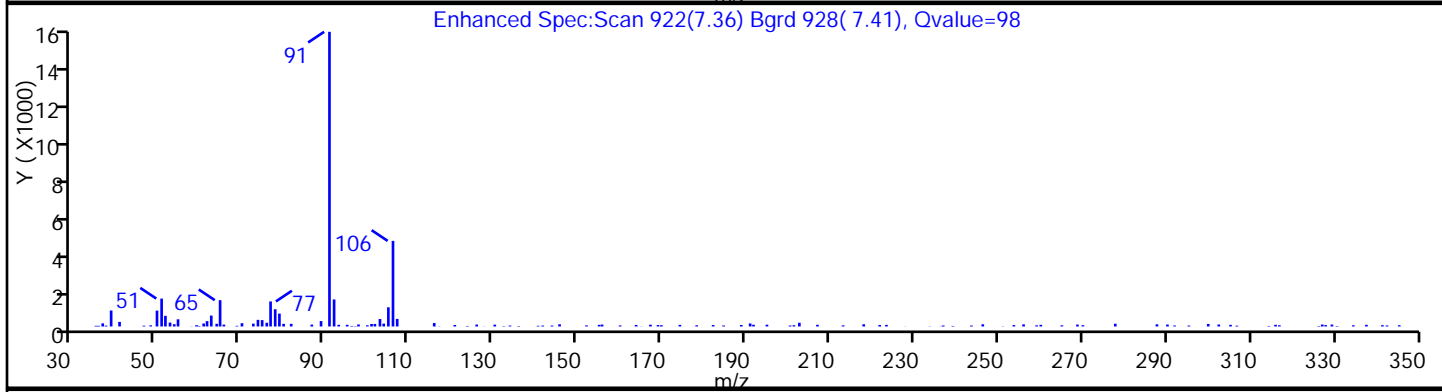
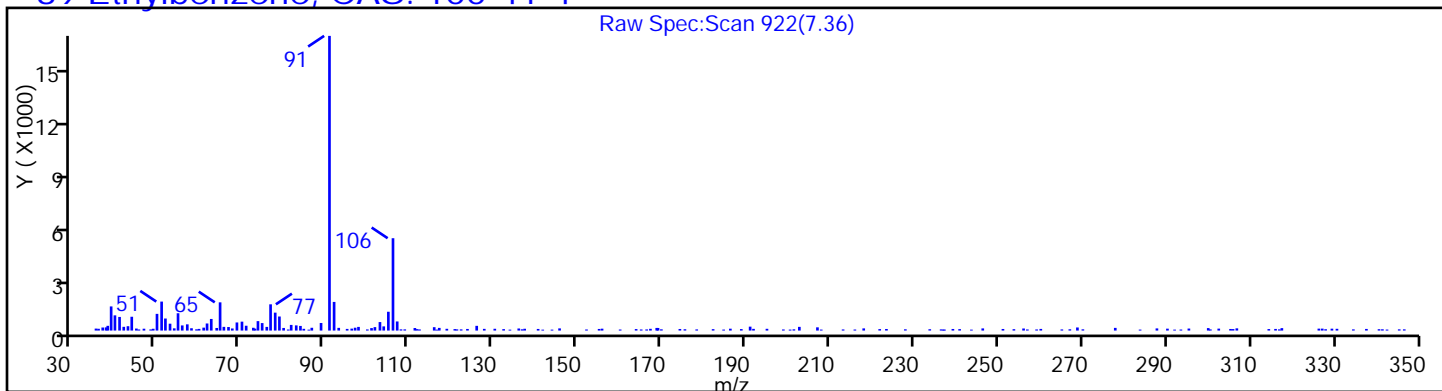
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

89 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

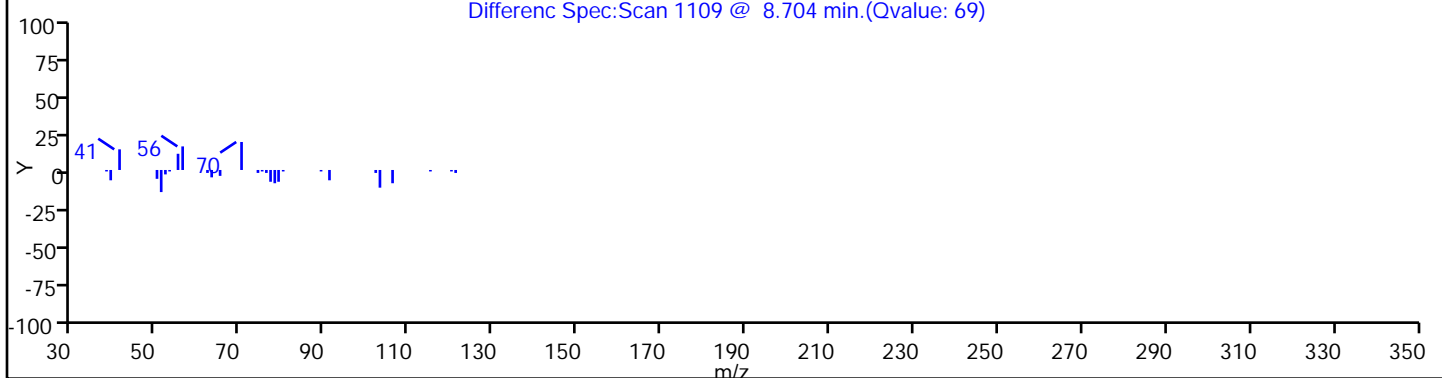
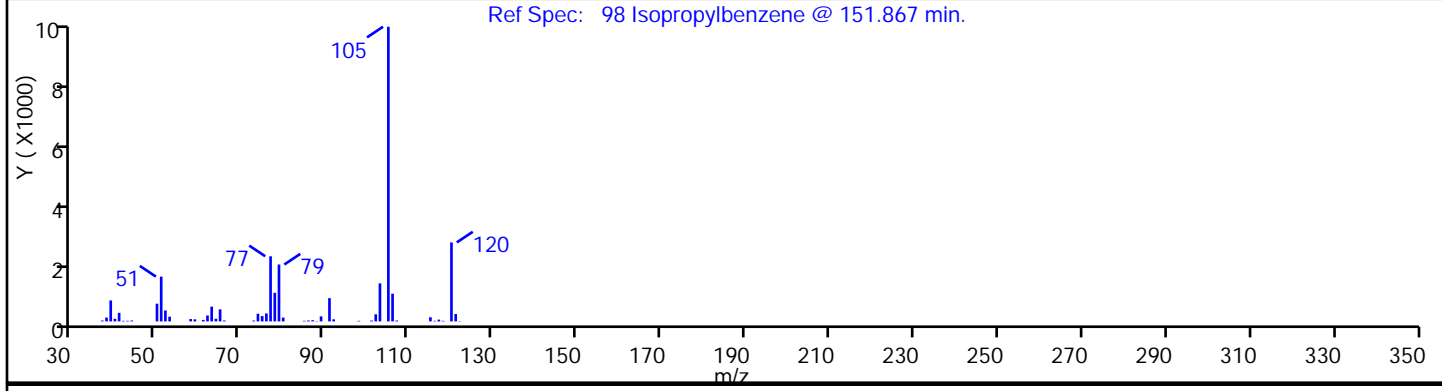
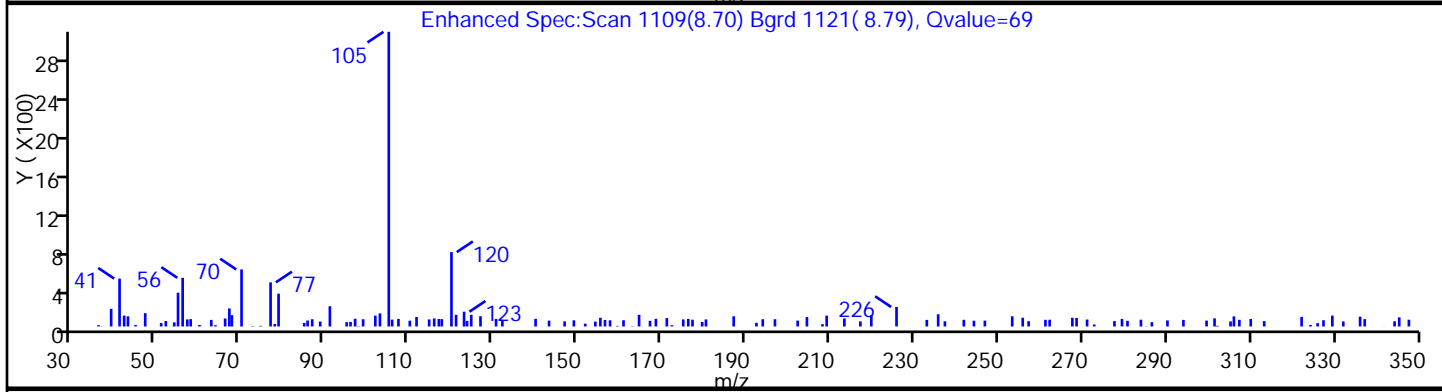
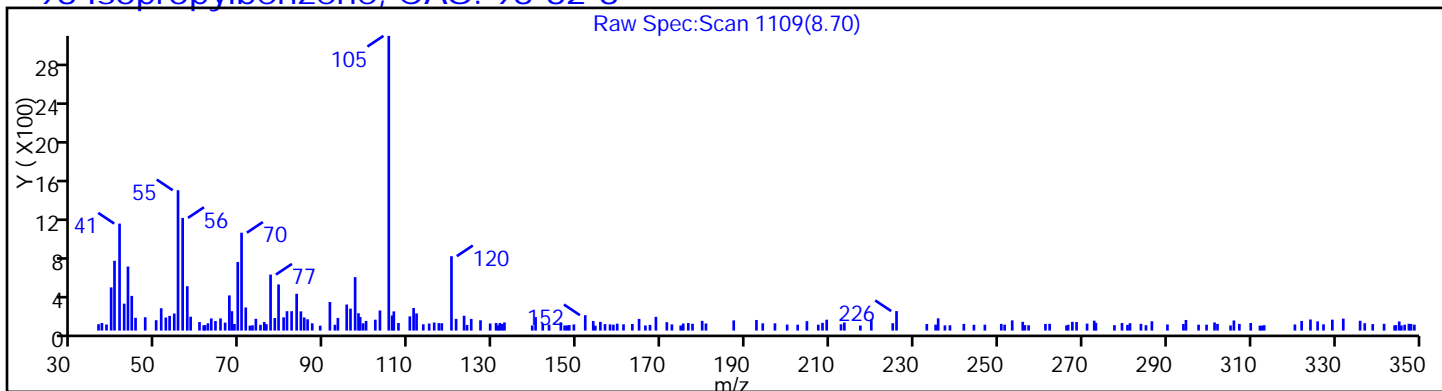
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

98 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

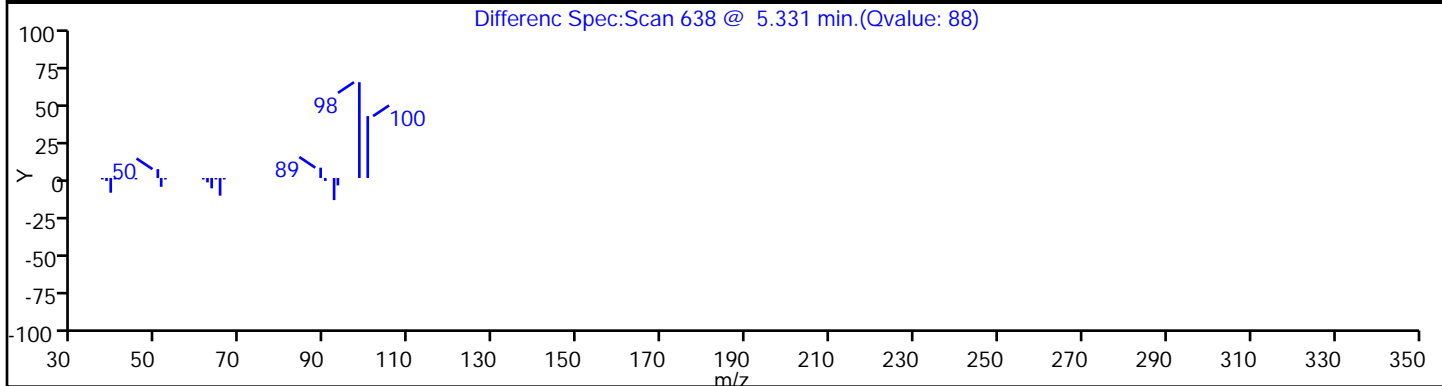
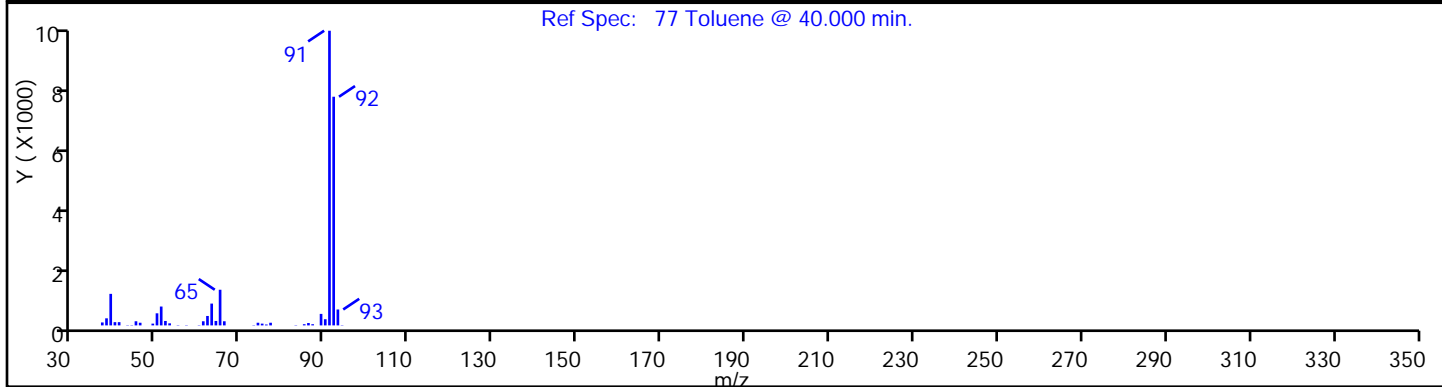
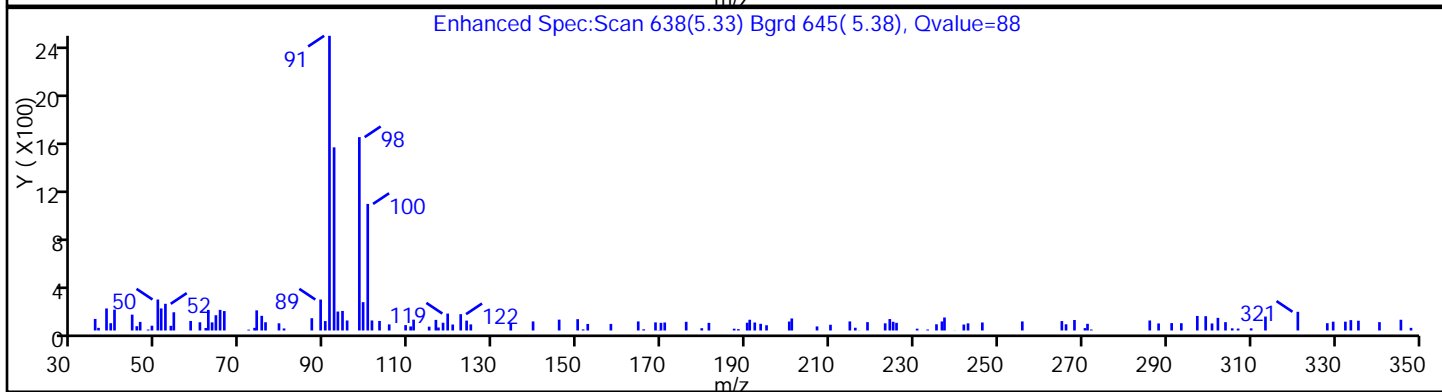
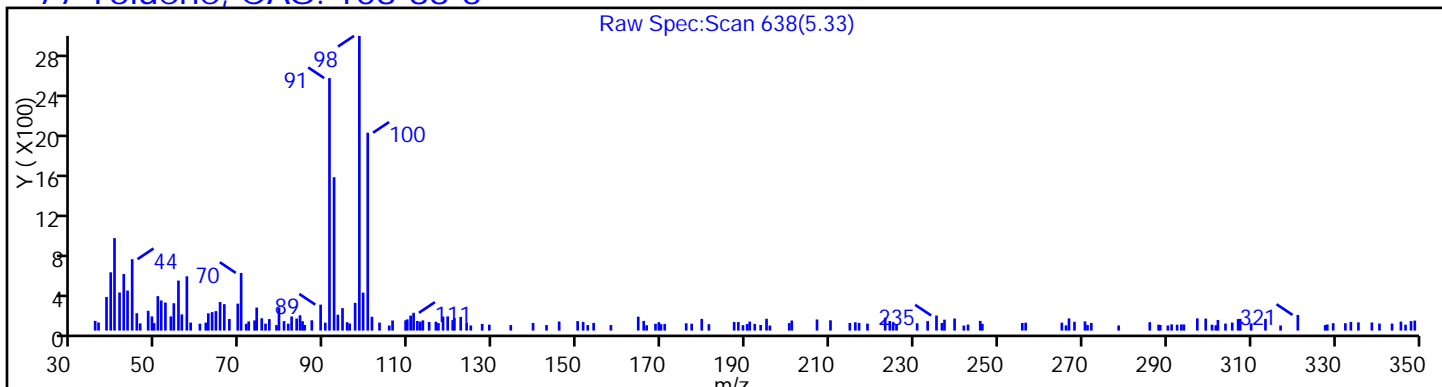
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

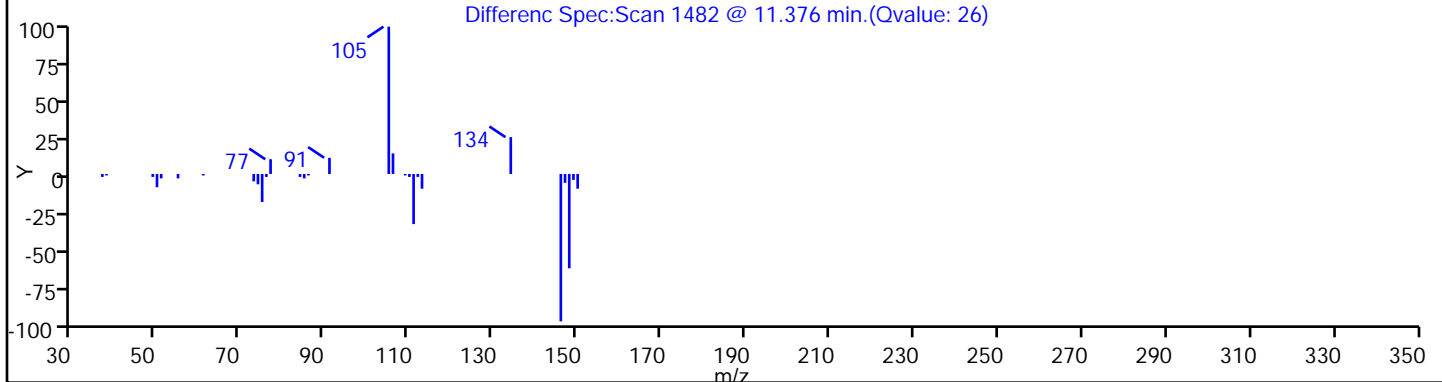
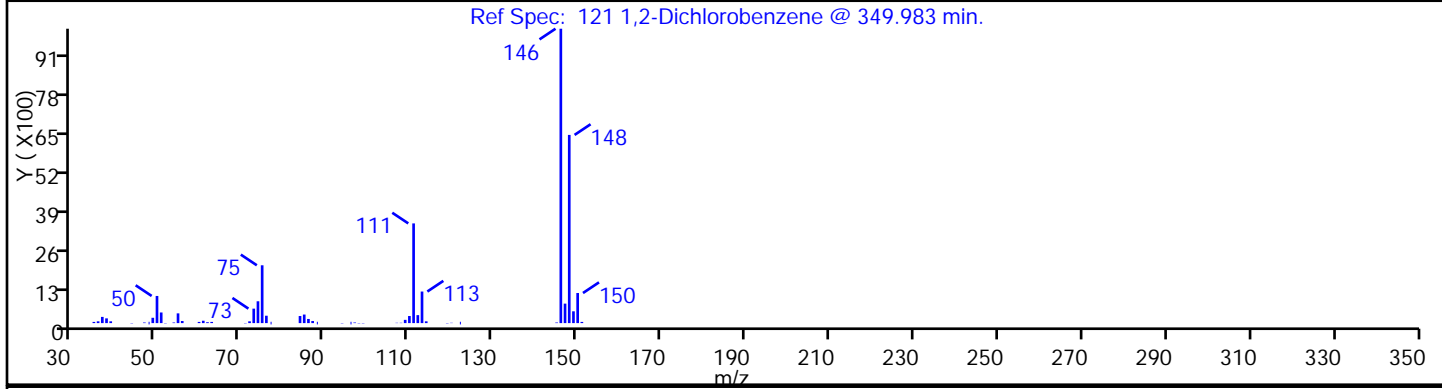
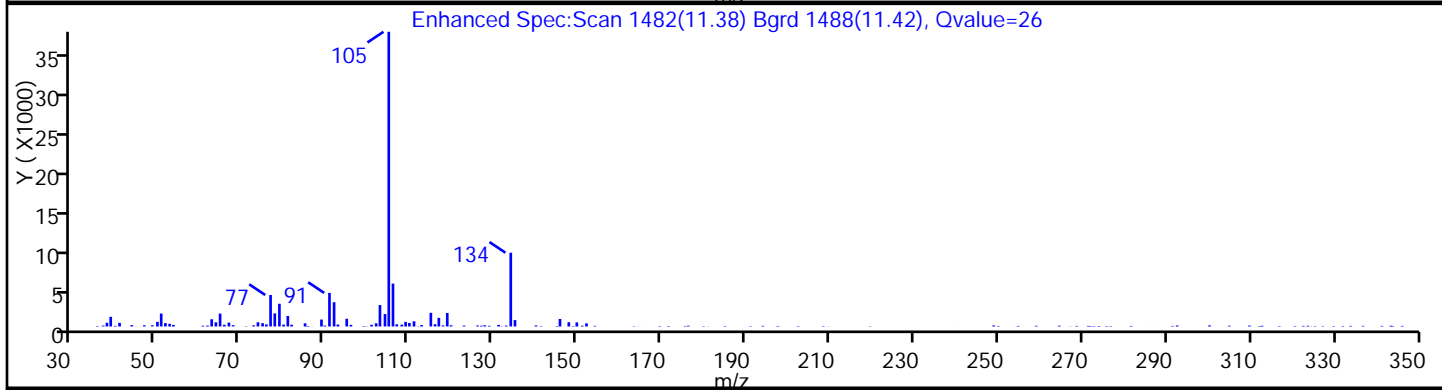
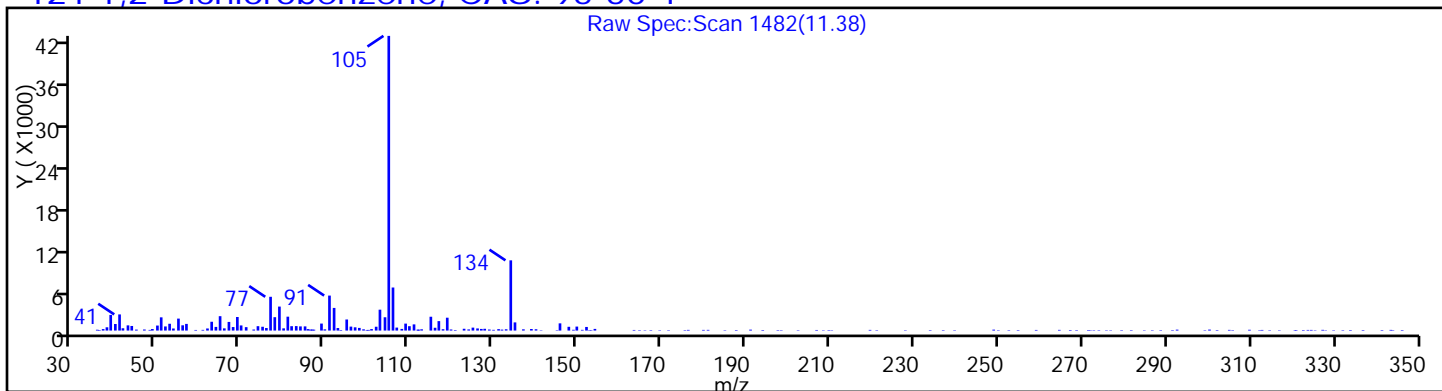
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

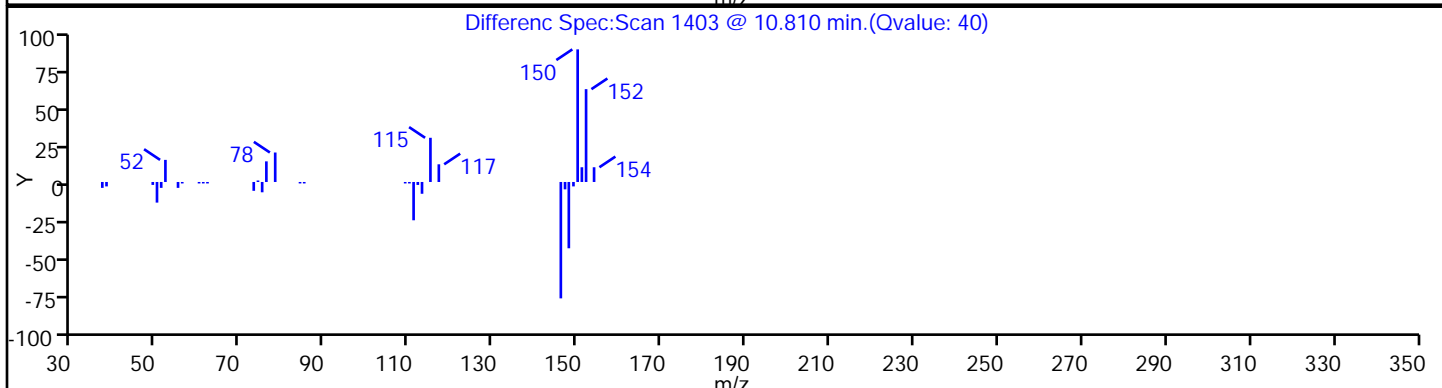
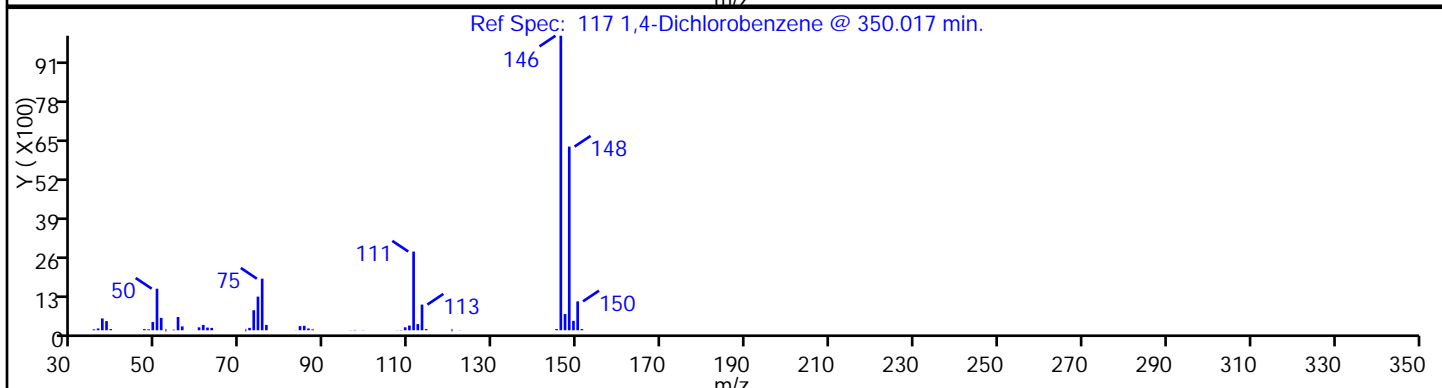
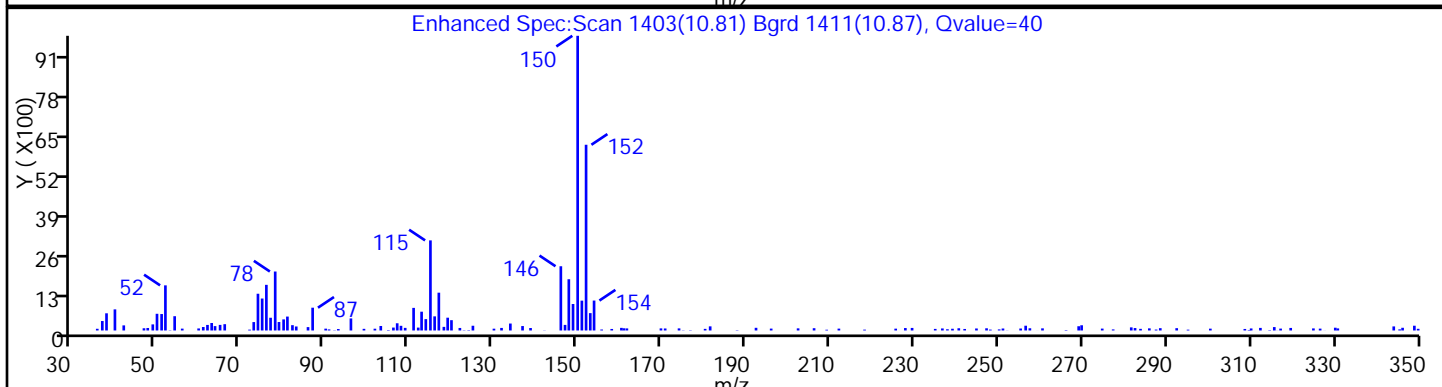
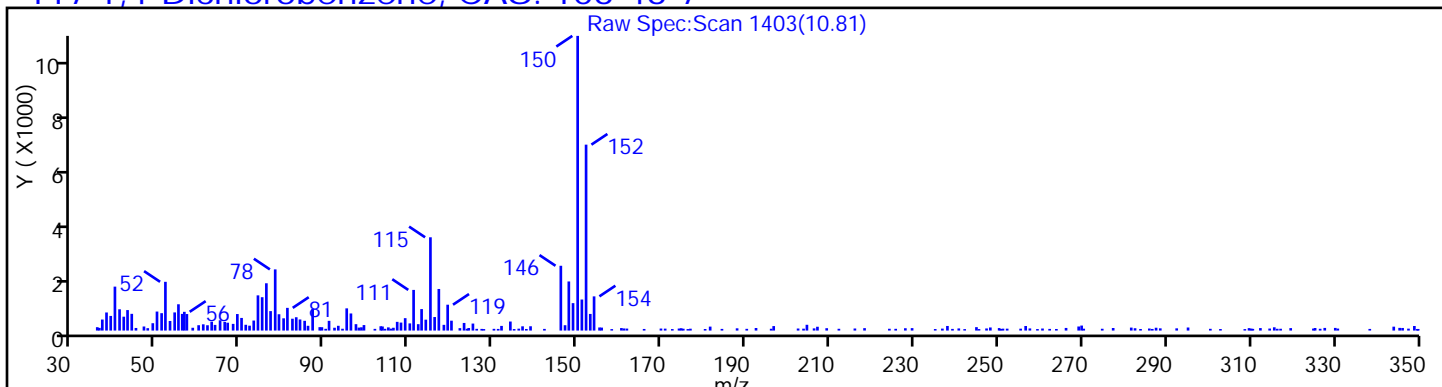
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

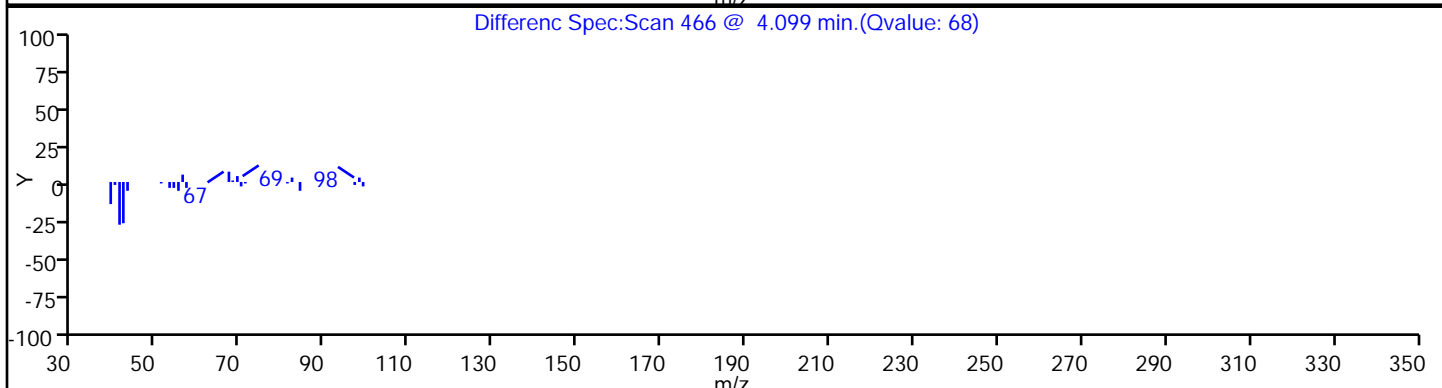
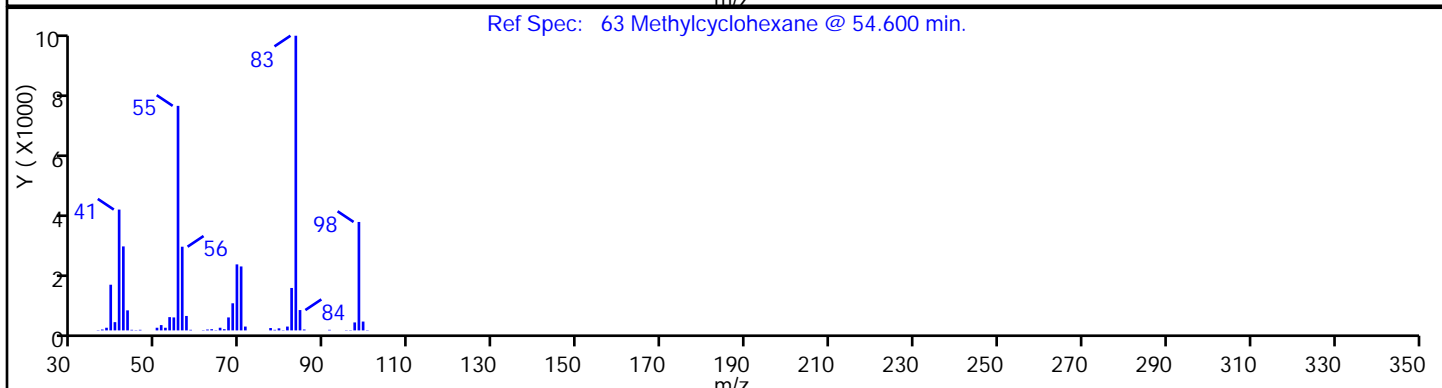
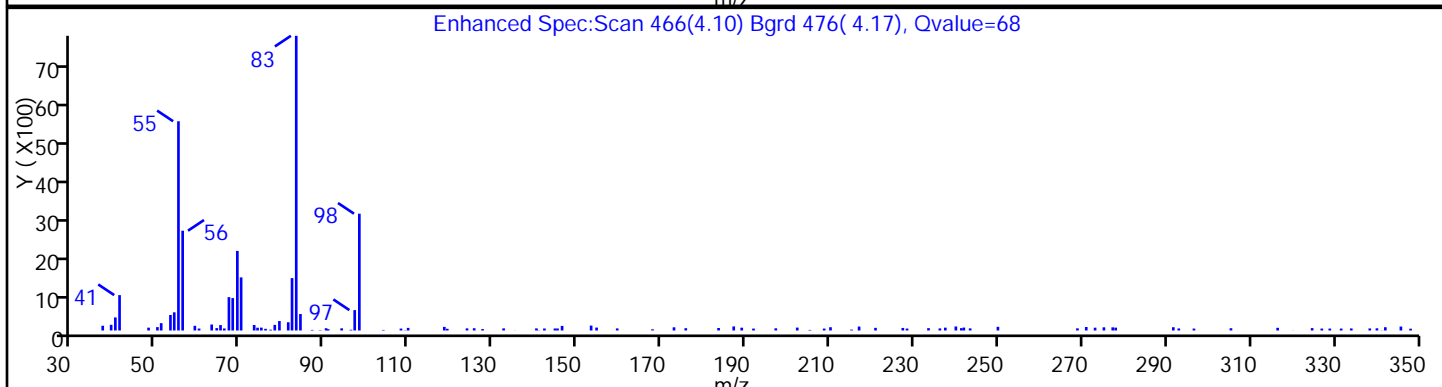
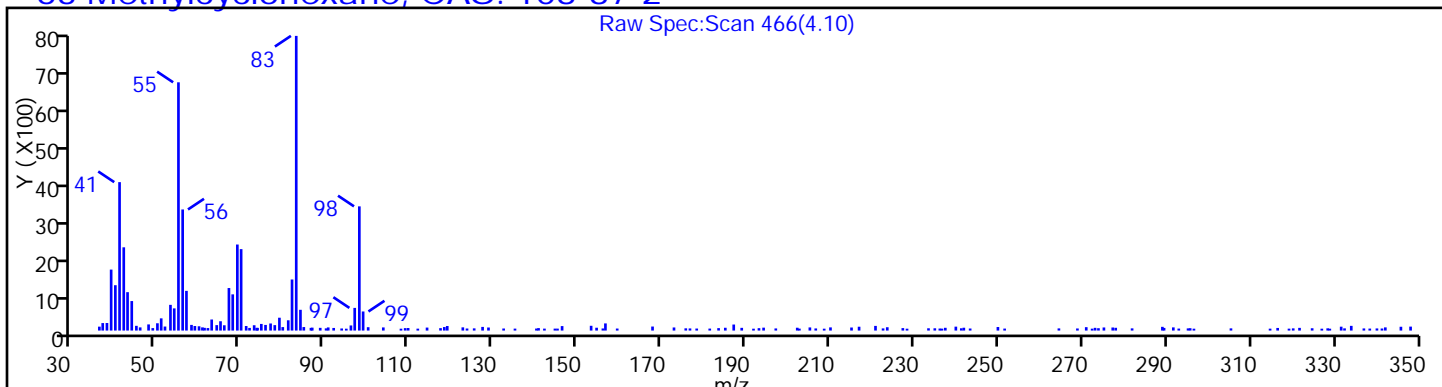
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

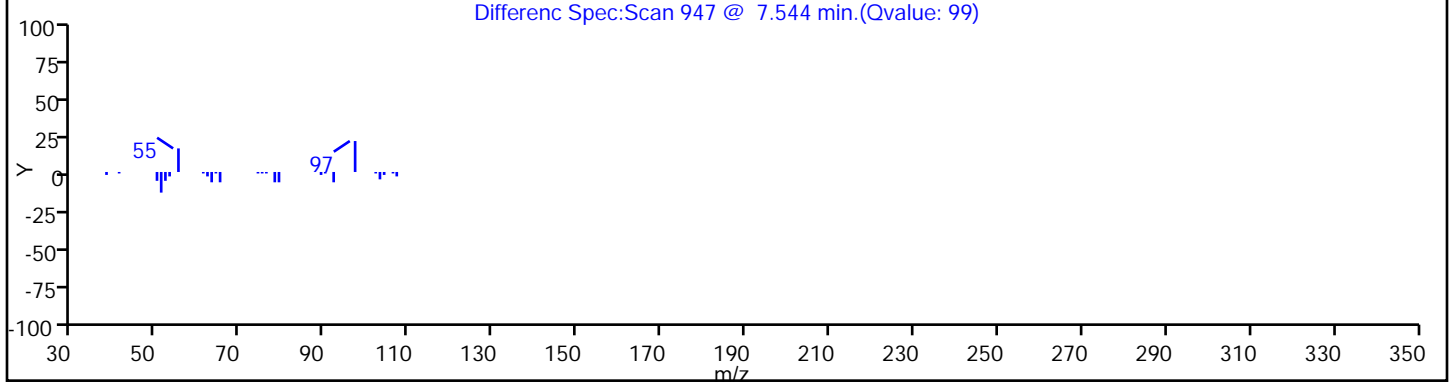
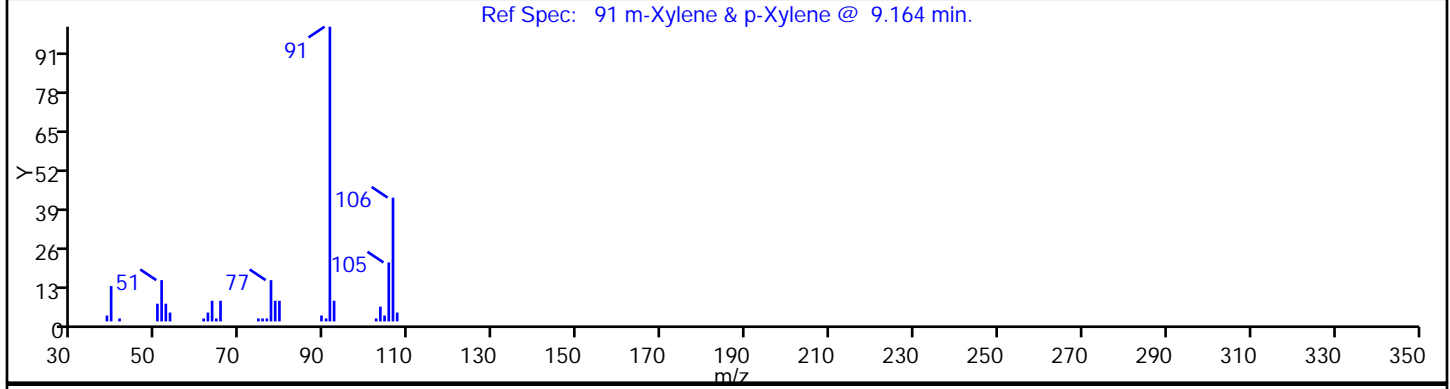
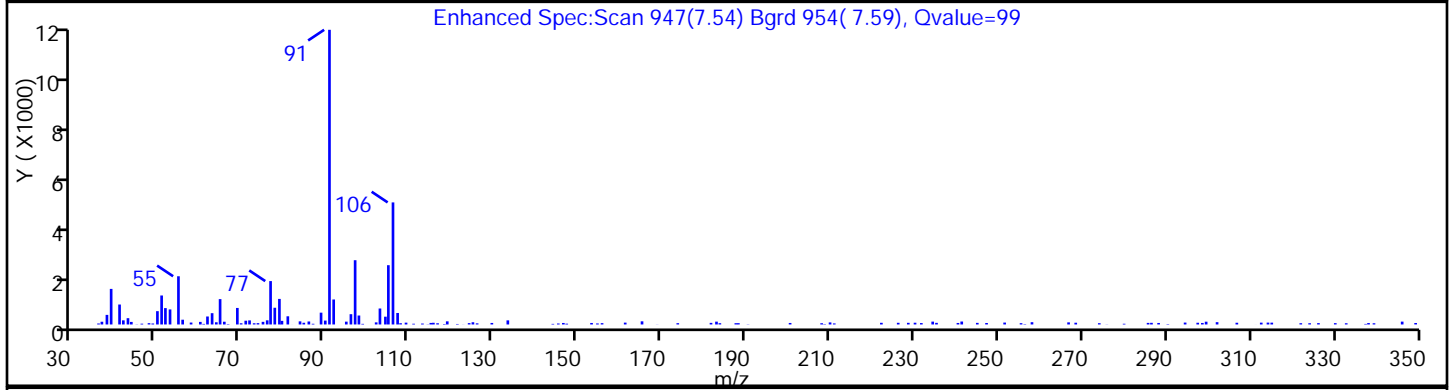
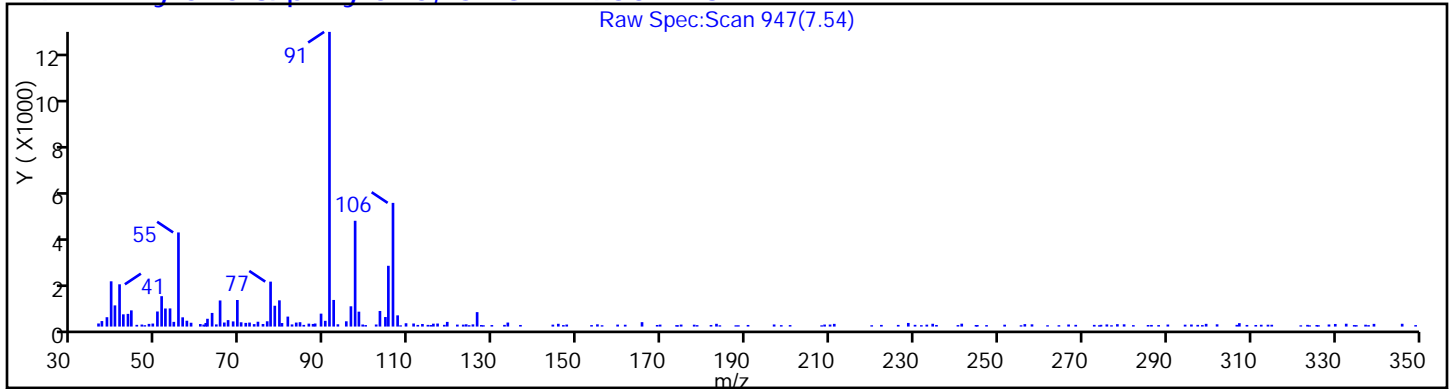
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

91 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

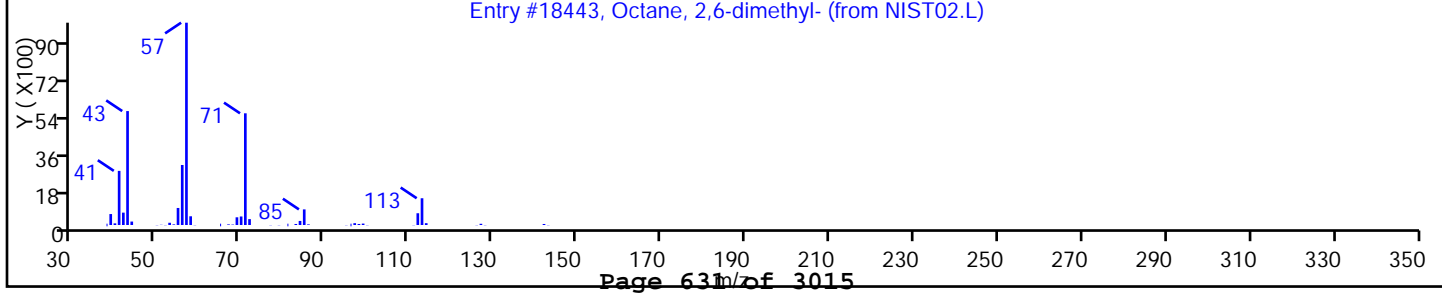
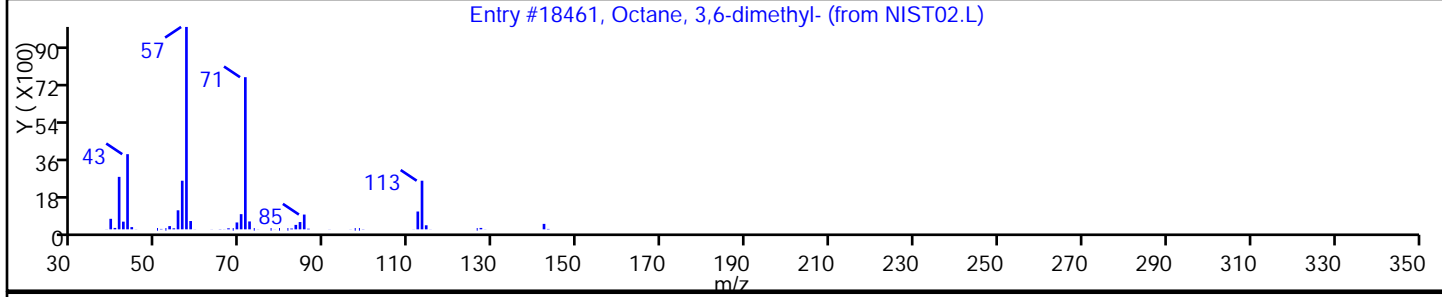
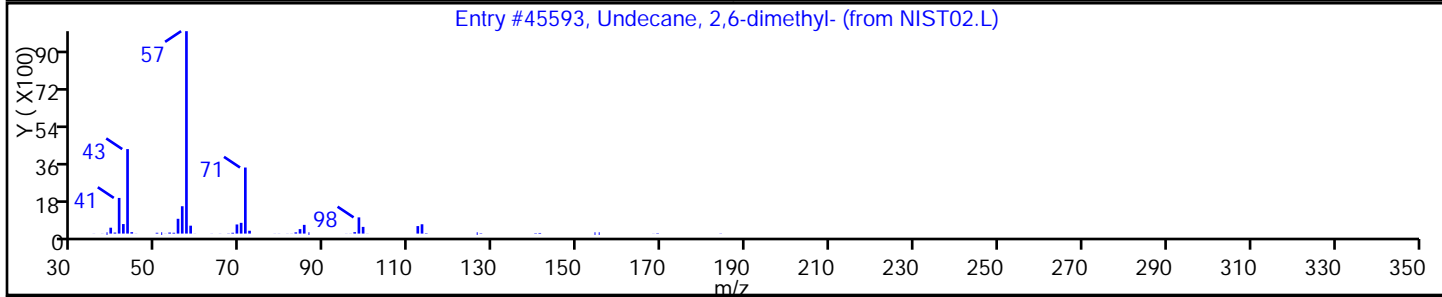
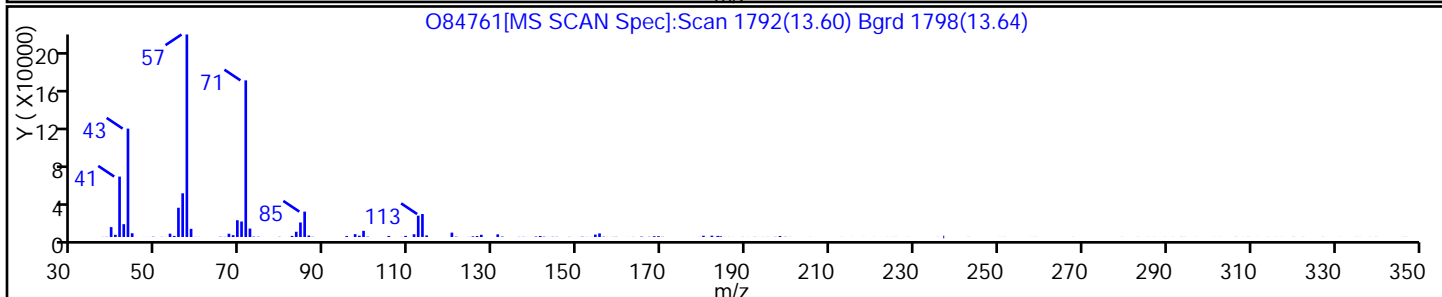
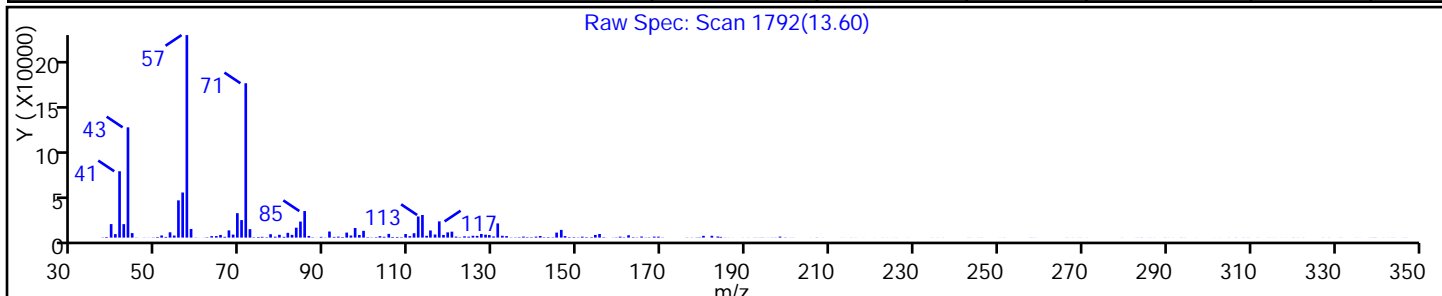
Method: 8260S_12

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	45593	C13H28	184	80
Octane, 3,6-dimethyl-	15869-94-0	NIST02.L	18461	C10H22	142	78
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	C10H22	142	78



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

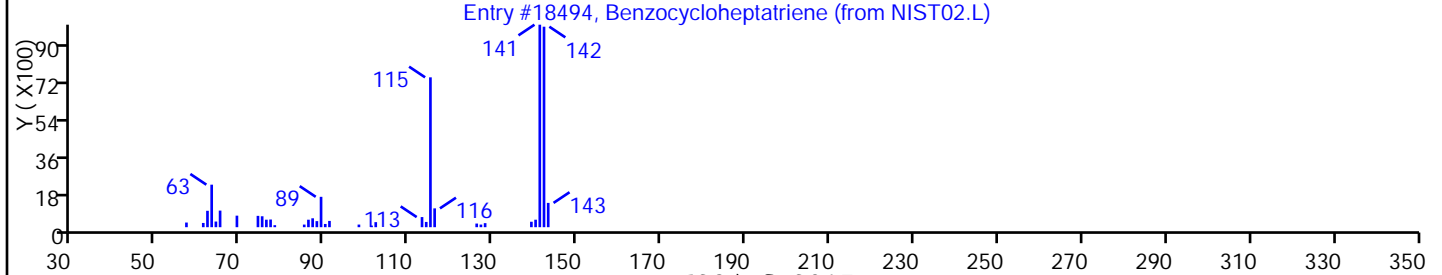
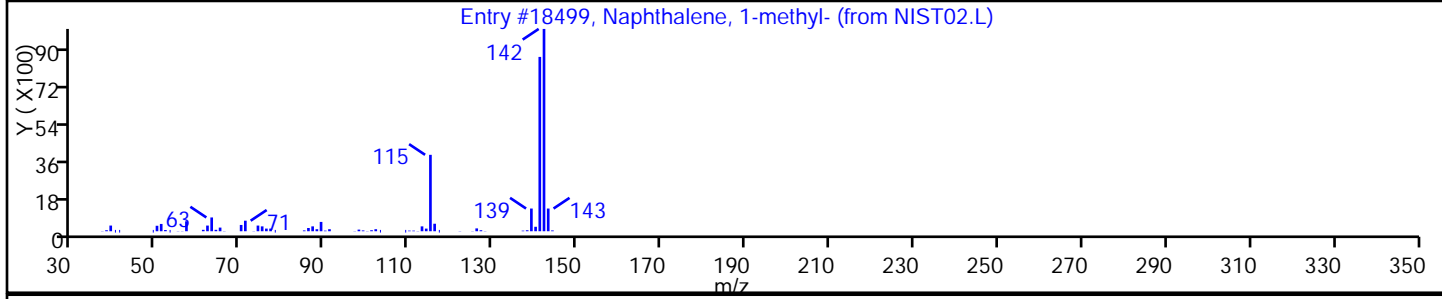
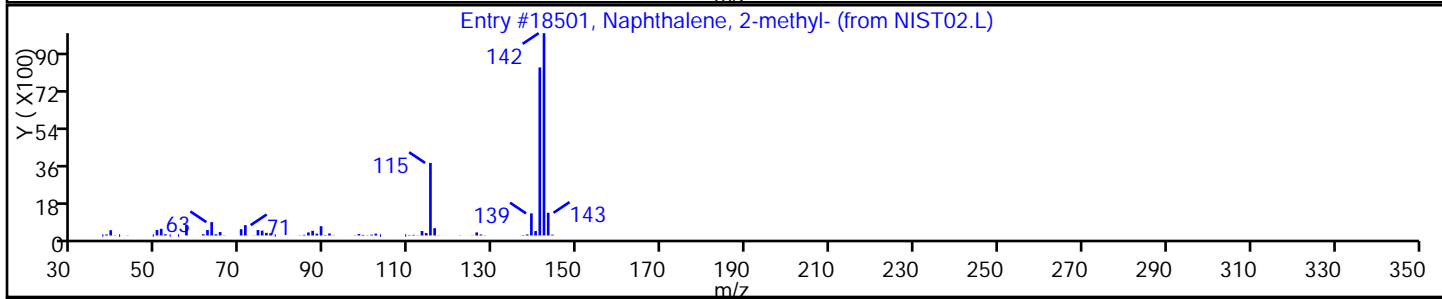
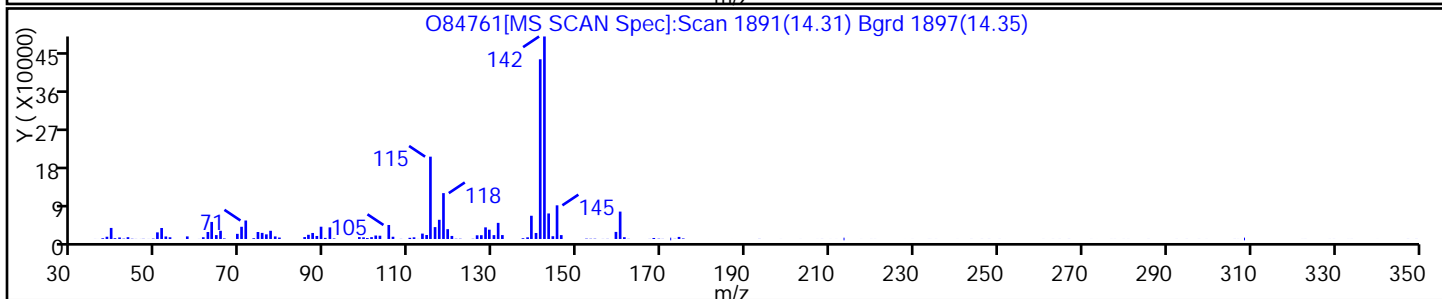
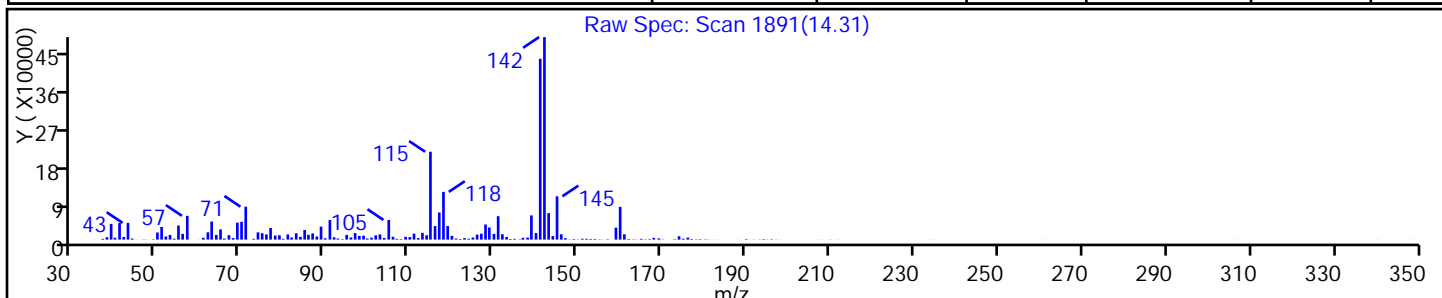
Method: 8260S_12

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	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

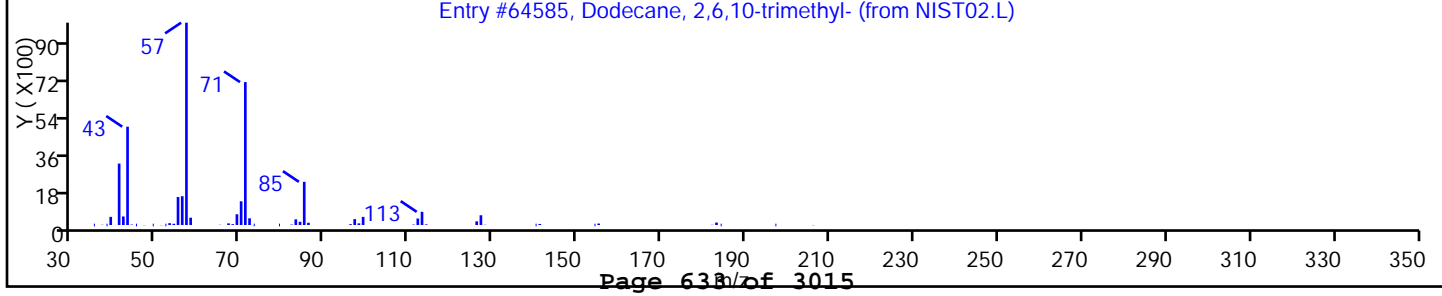
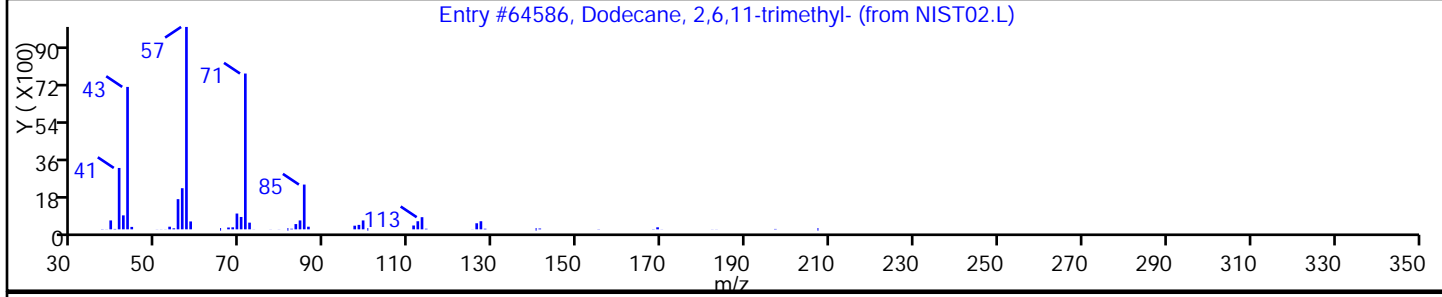
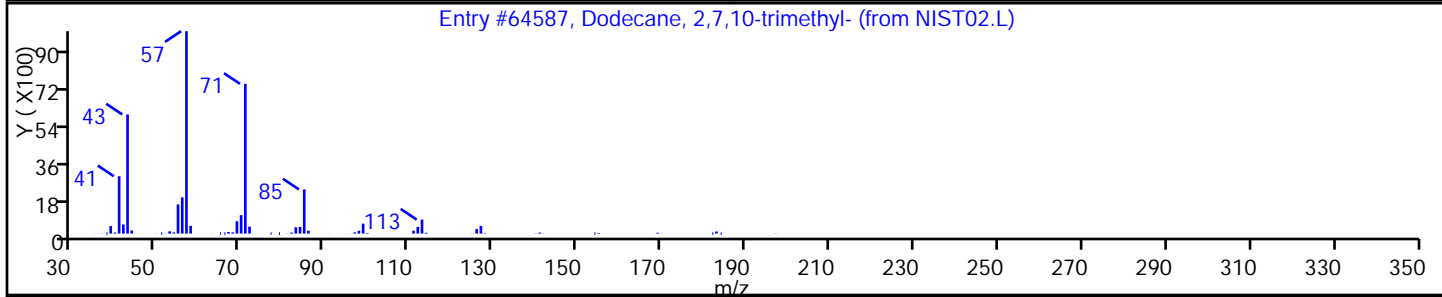
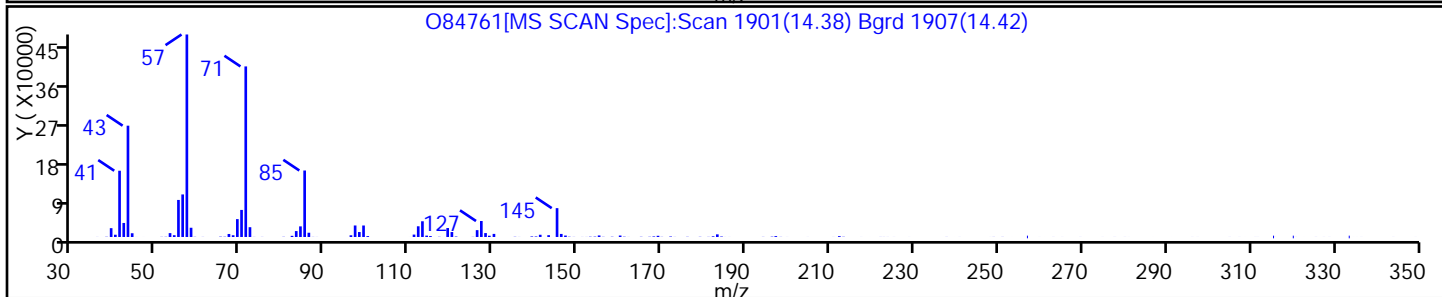
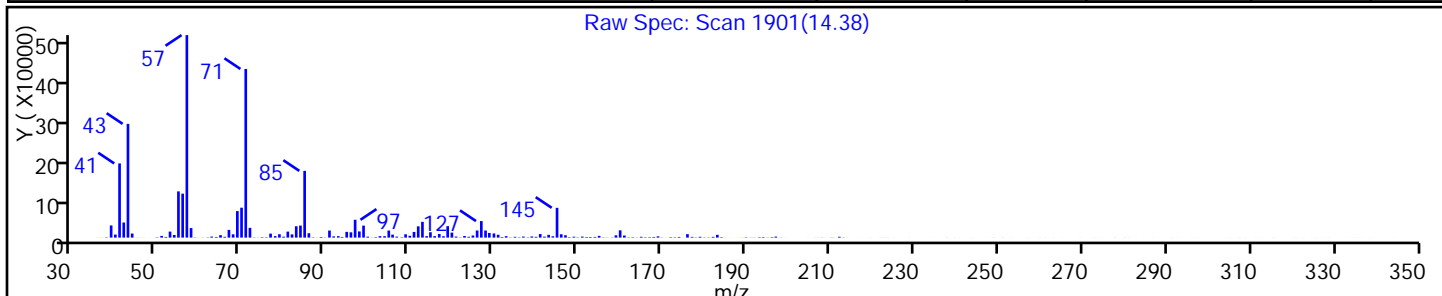
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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	87
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	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

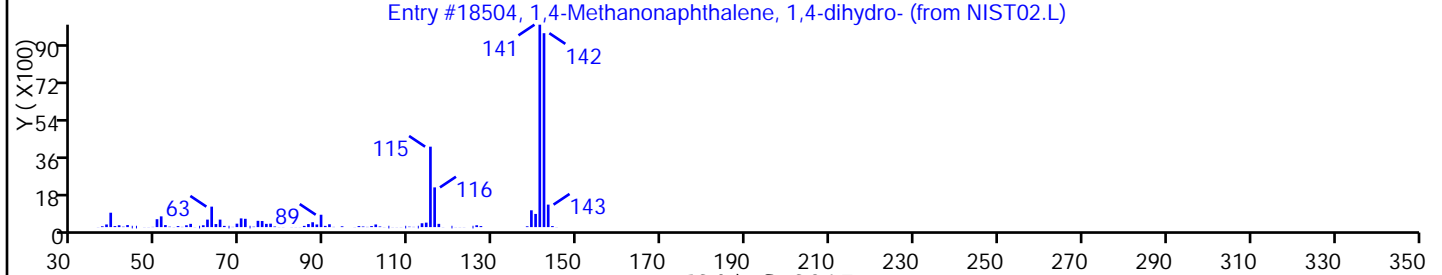
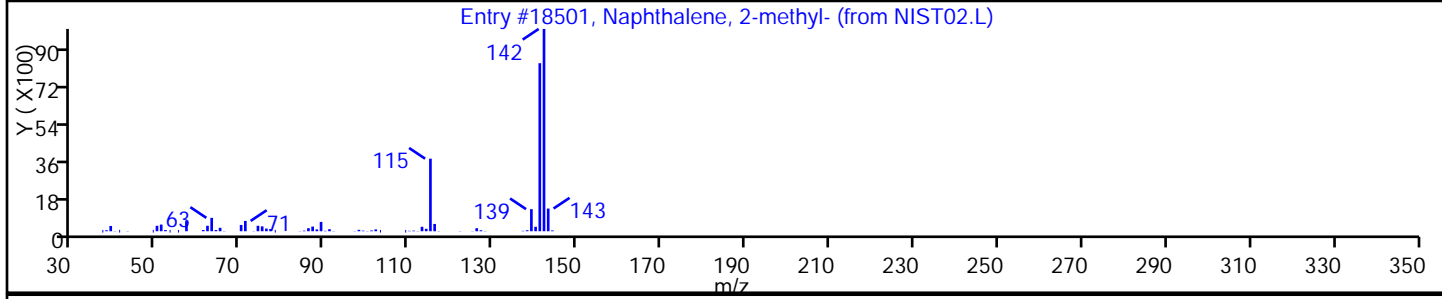
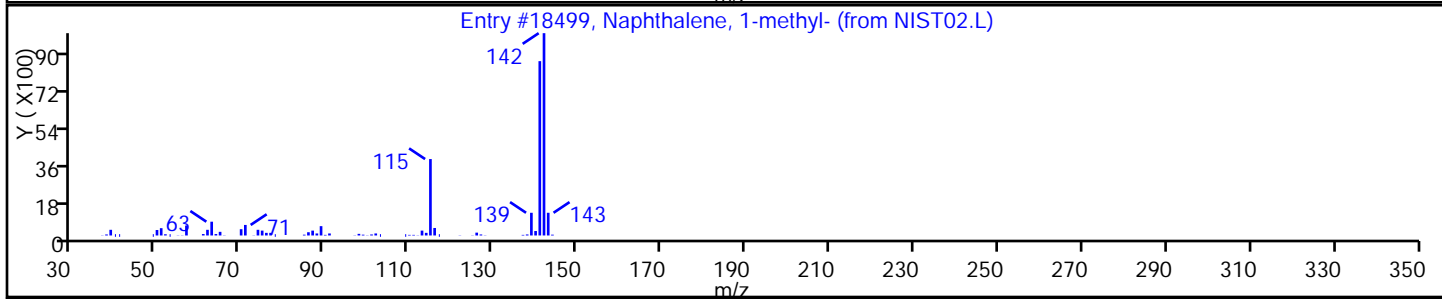
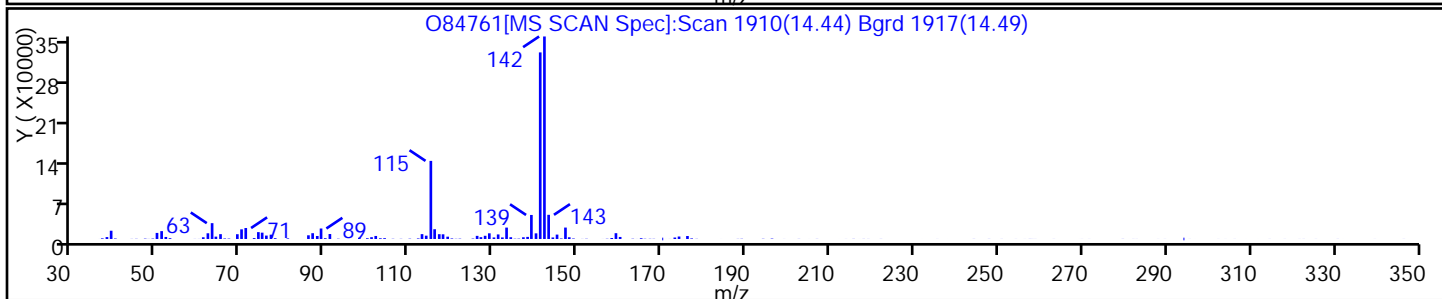
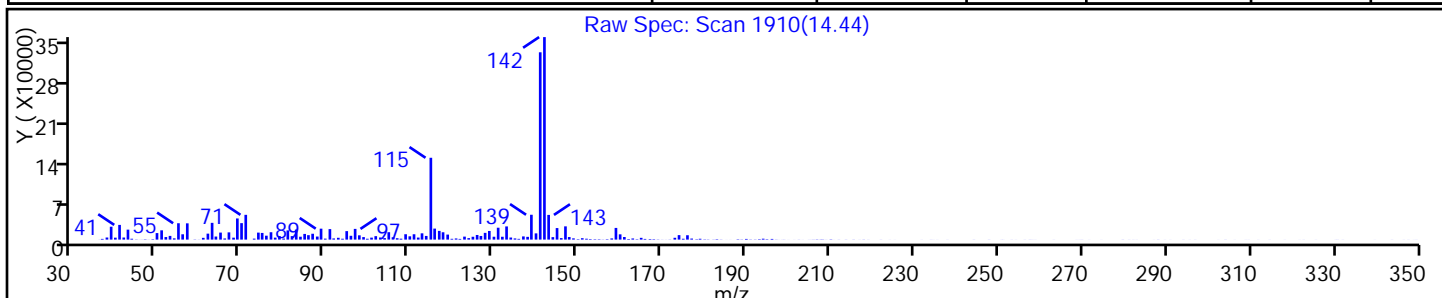
Method: 8260S_12

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

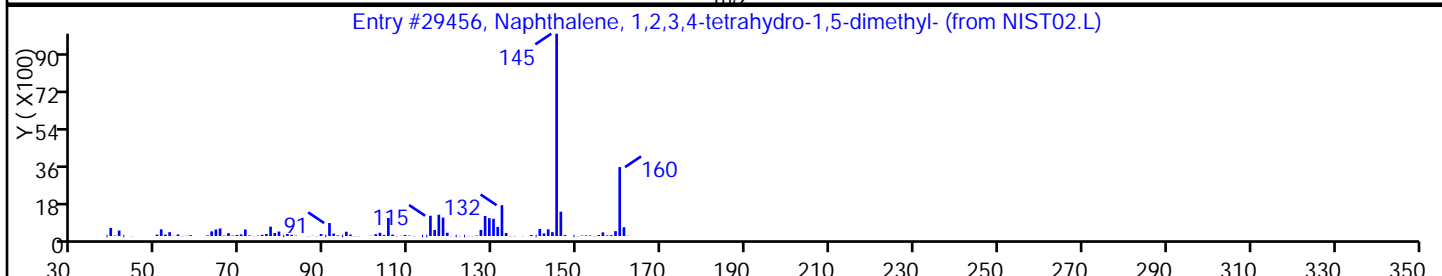
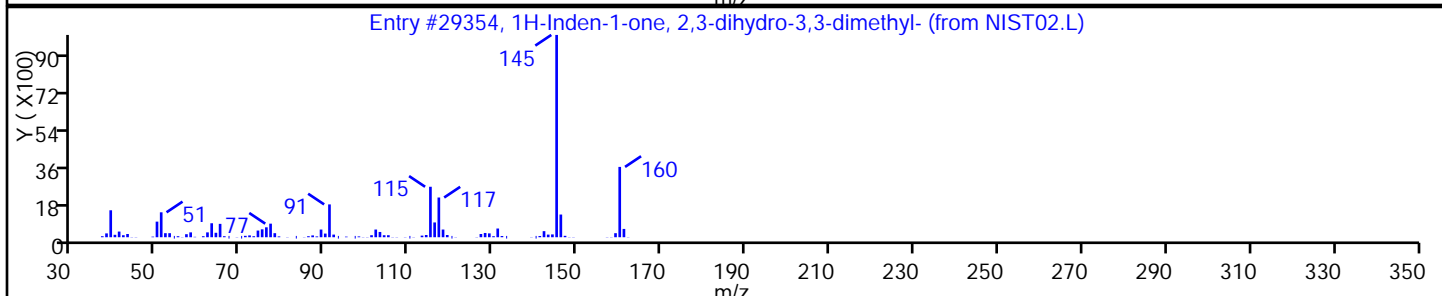
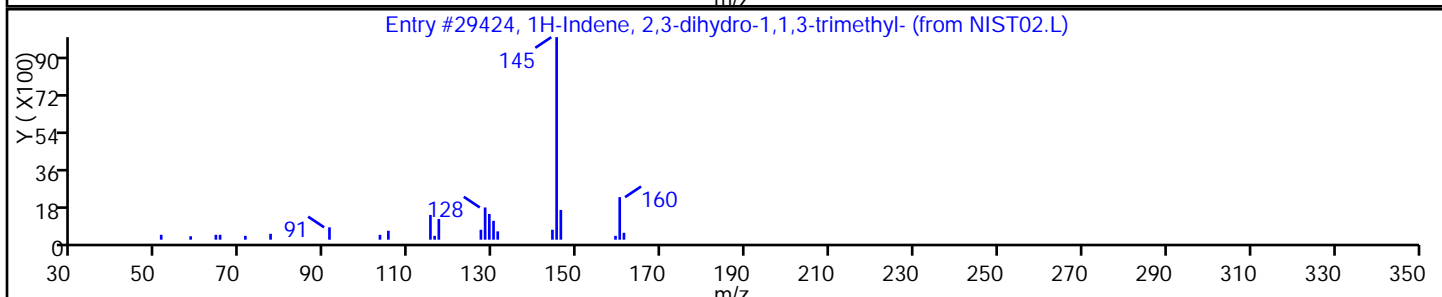
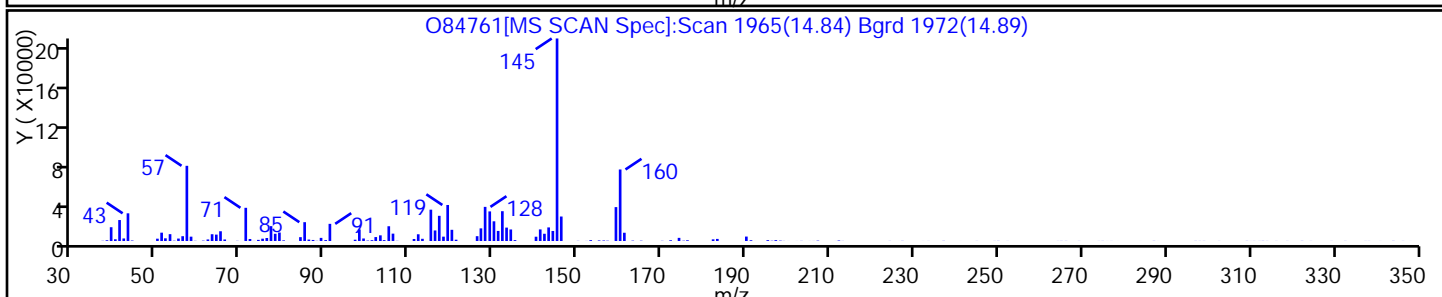
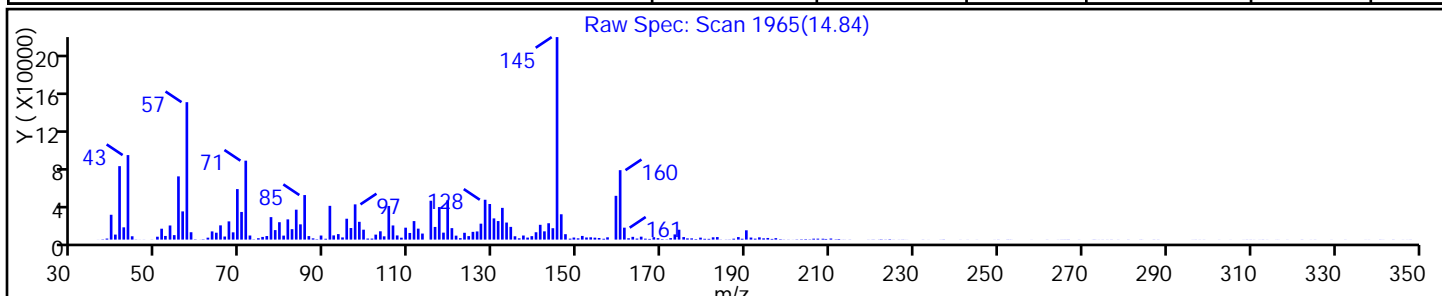
Method: 8260S_12

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	29424	C12H16	160	94
1H-Inden-1-one, 2,3-dihydro-3,3-dimethyl	26465-81-6	NIST02.L	29354	C11H12O	160	91
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	C12H16	160	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

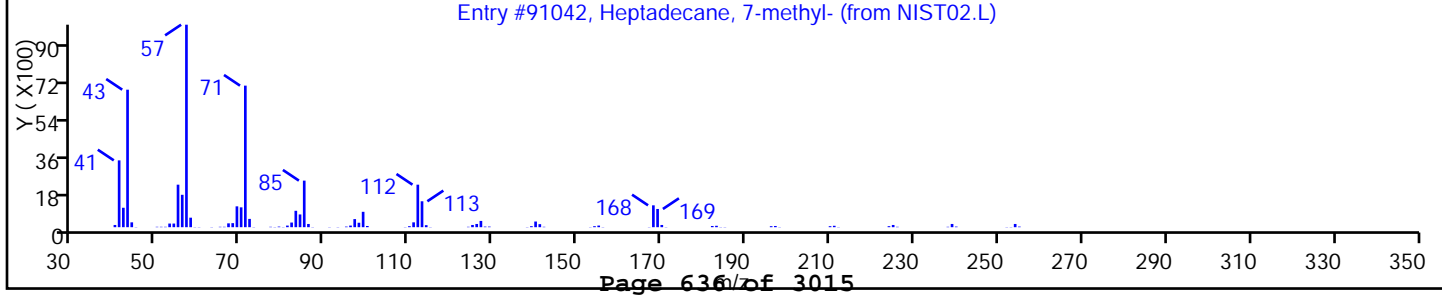
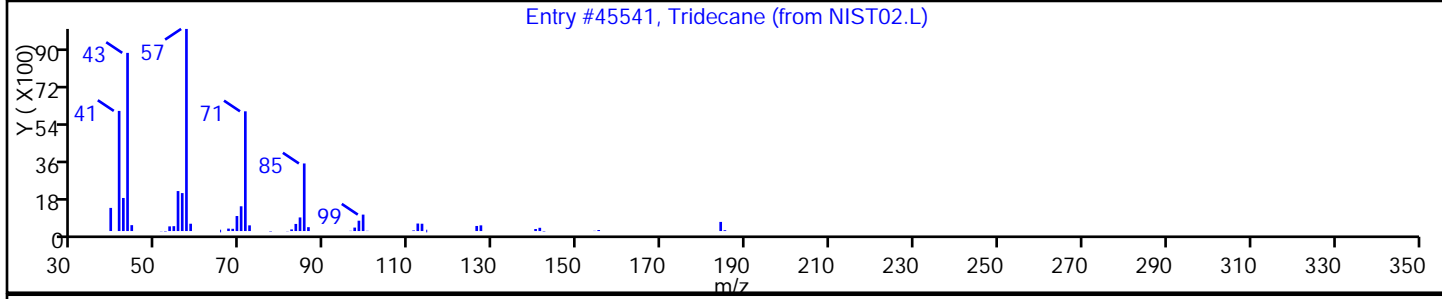
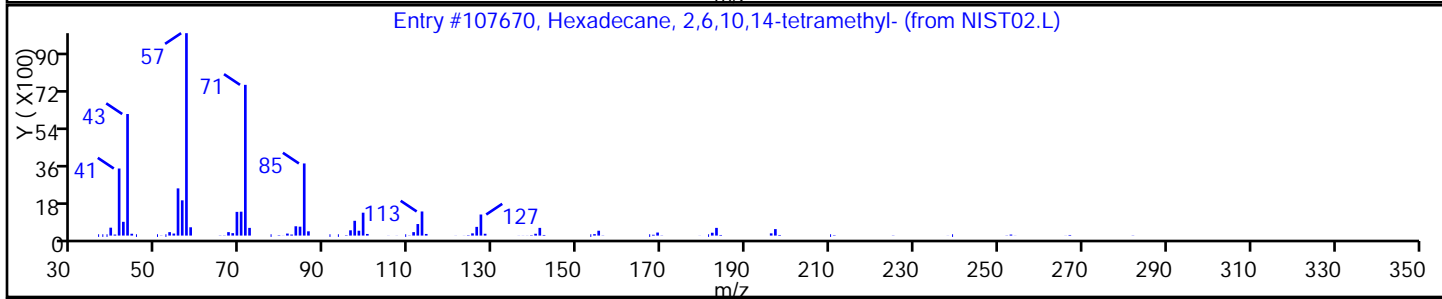
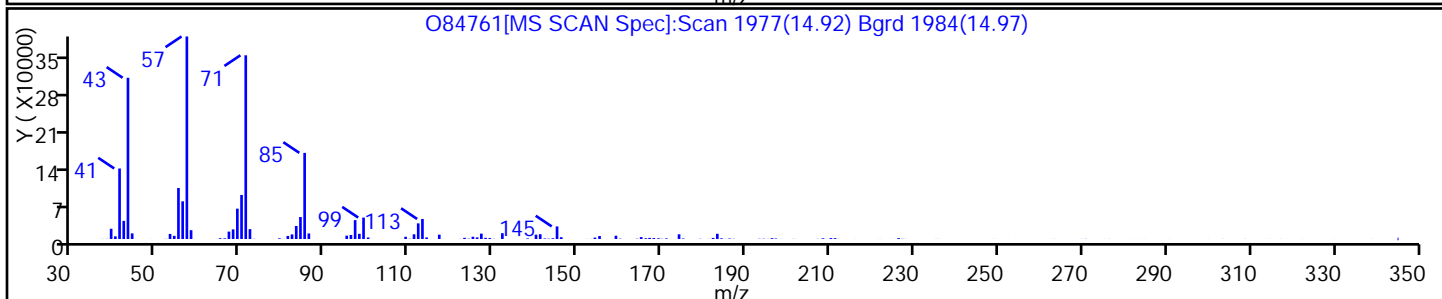
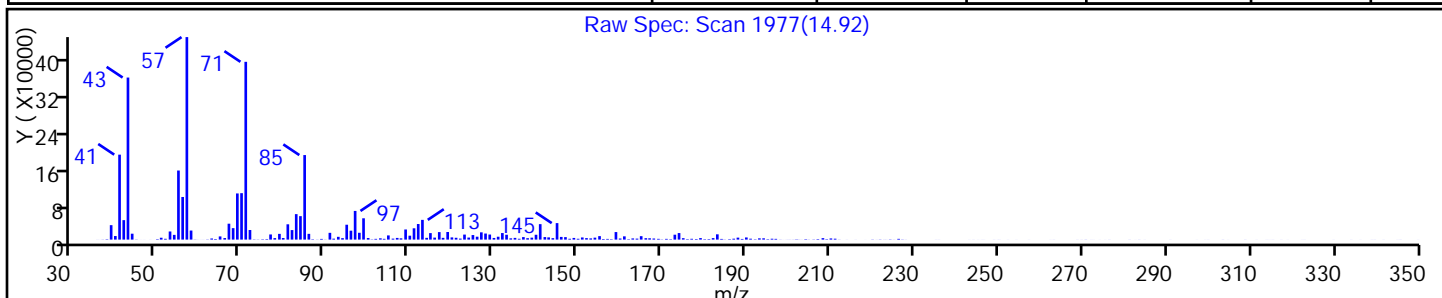
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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	90
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	87
Heptadecane, 7-methyl-	20959-33-5	NIST02.L	91042	C18H38	254	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

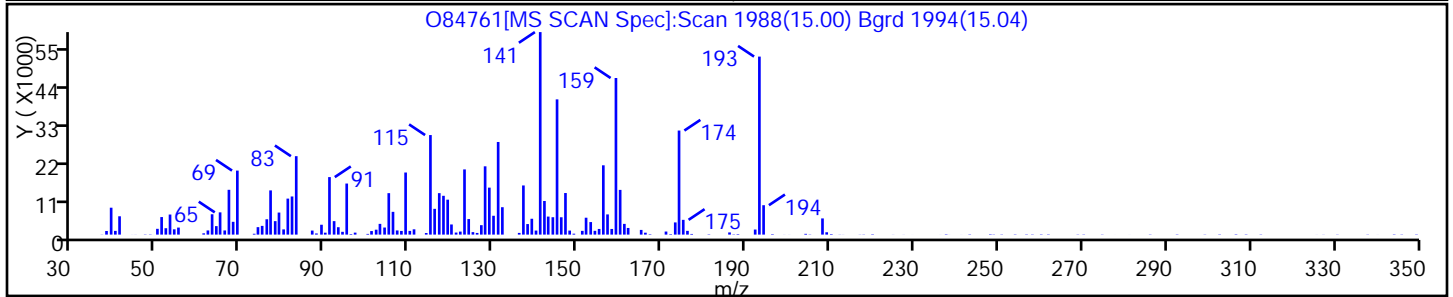
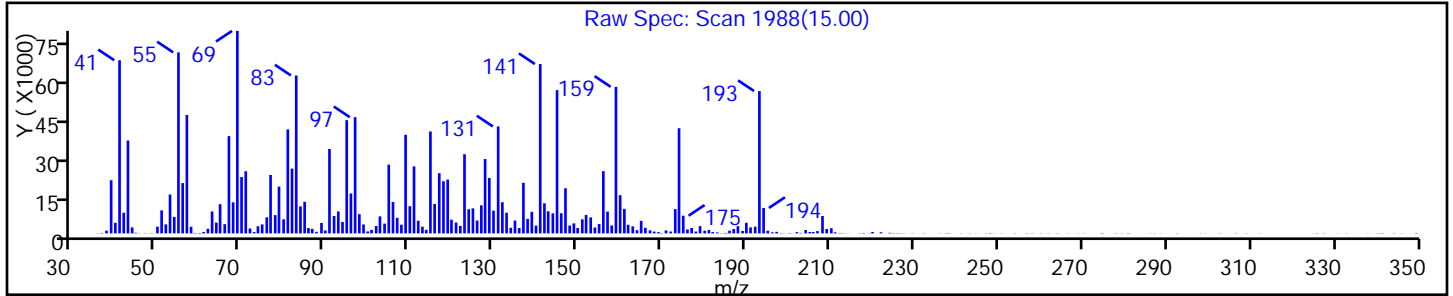
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

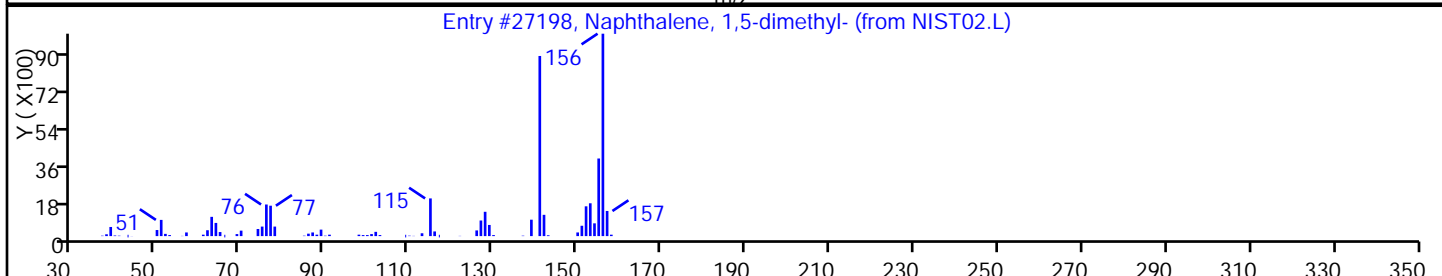
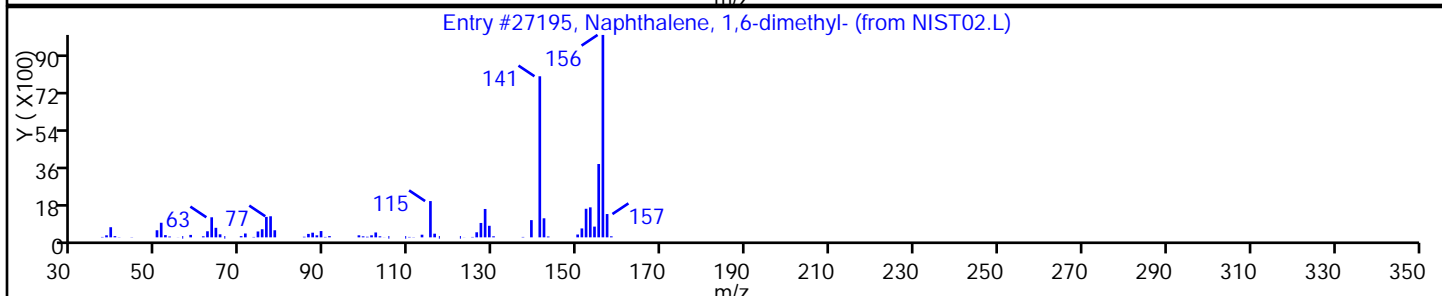
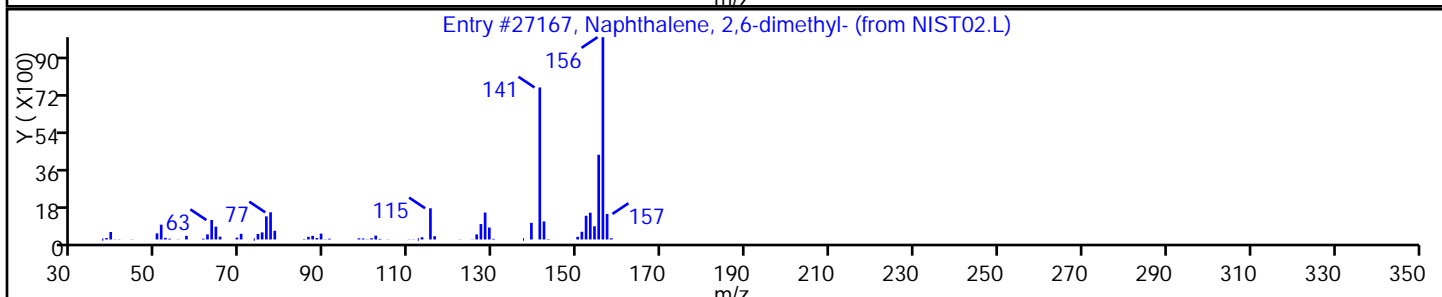
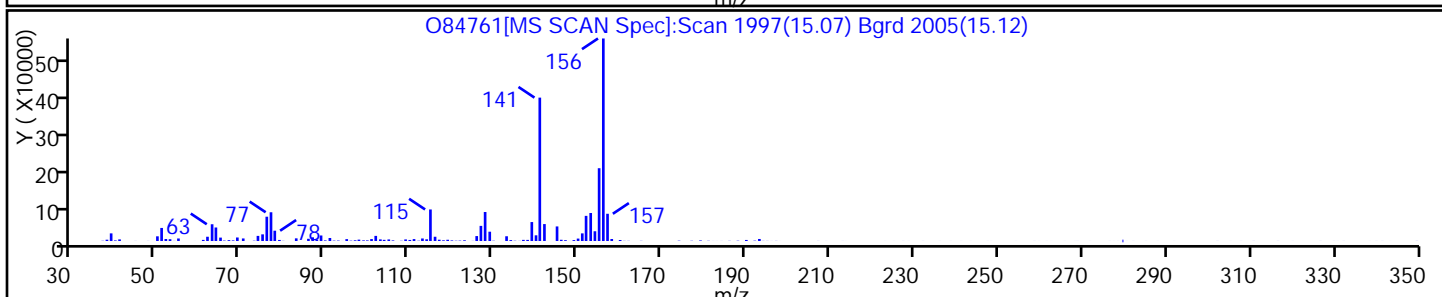
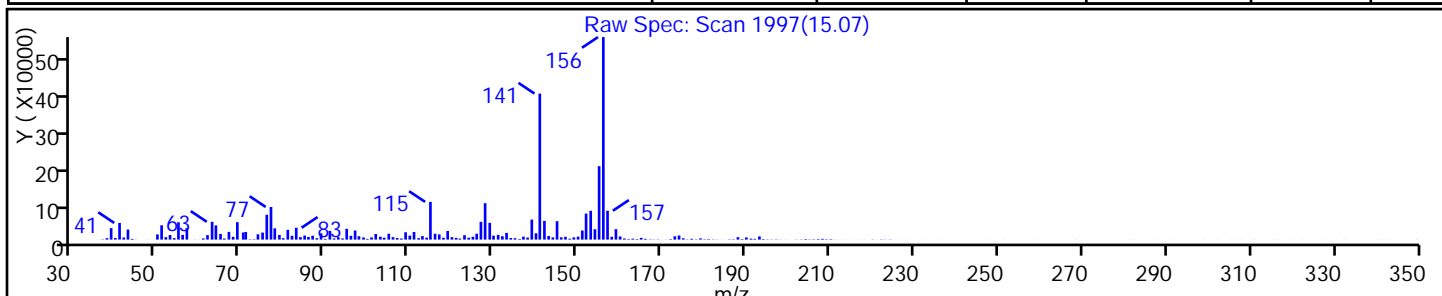
Method: 8260S_12

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	27195	C12H12	156	98
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.L	27198	C12H12	156	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

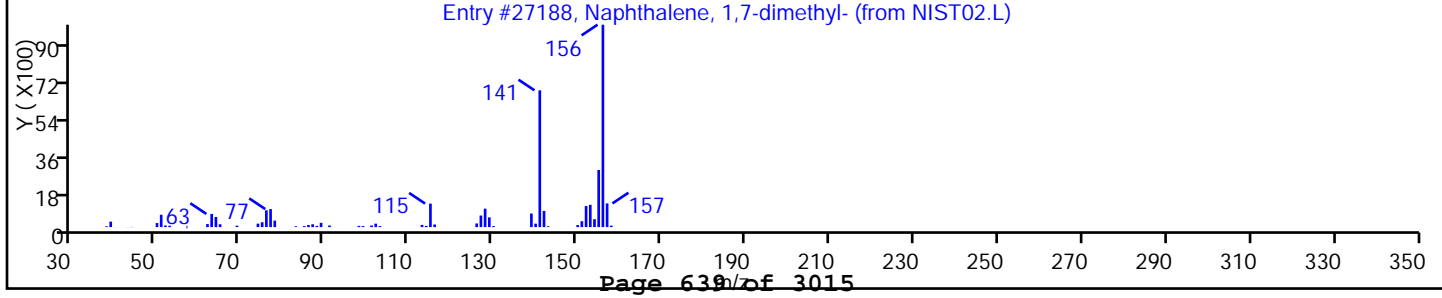
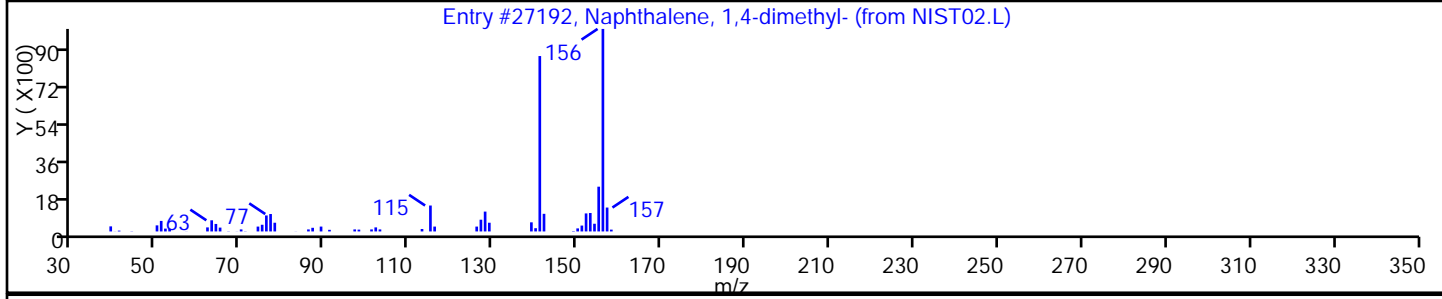
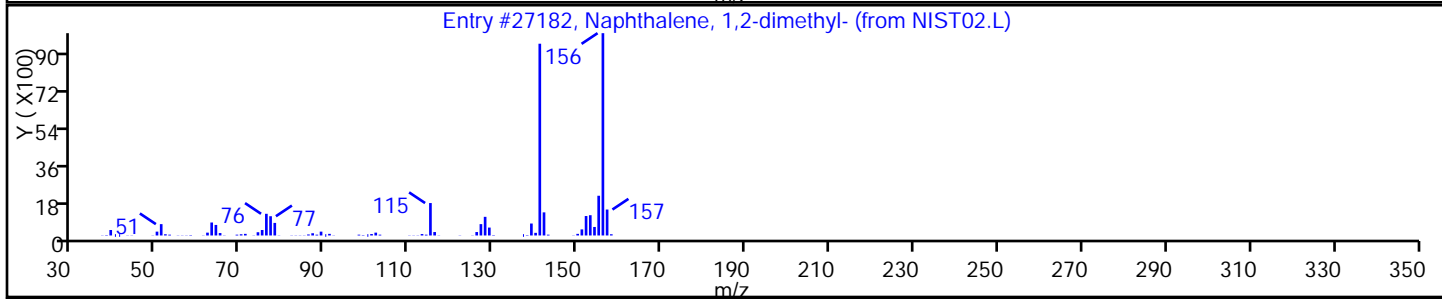
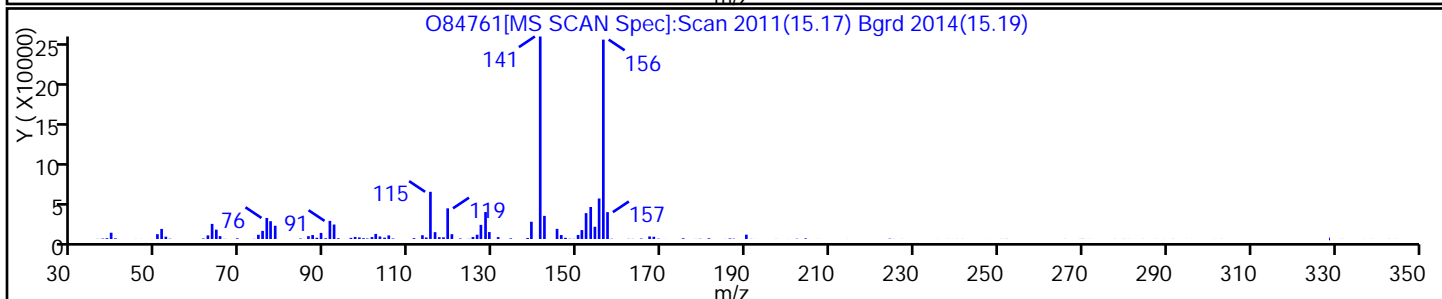
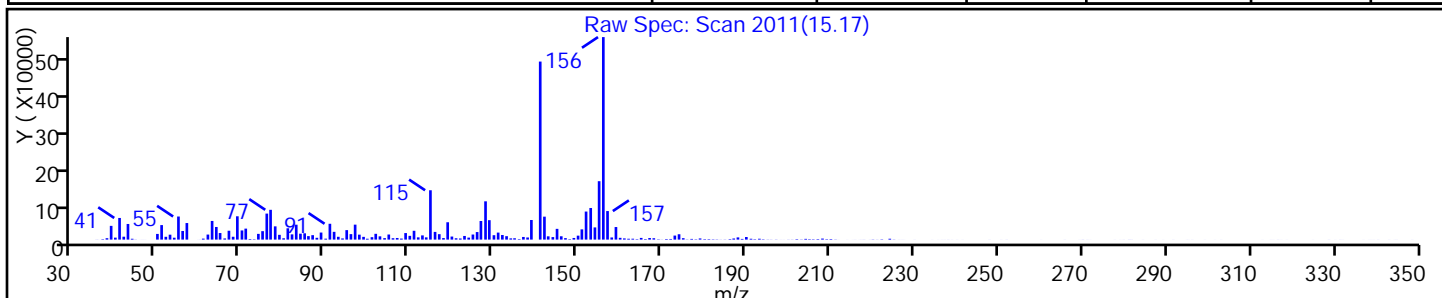
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2-dimethyl-	573-98-8	NIST02.L	27182	C12H12	156	97
Naphthalene, 1,4-dimethyl-	571-58-4	NIST02.L	27192	C12H12	156	94
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27188	C12H12	156	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84761.D

Injection Date: 13-Mar-2014 23:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

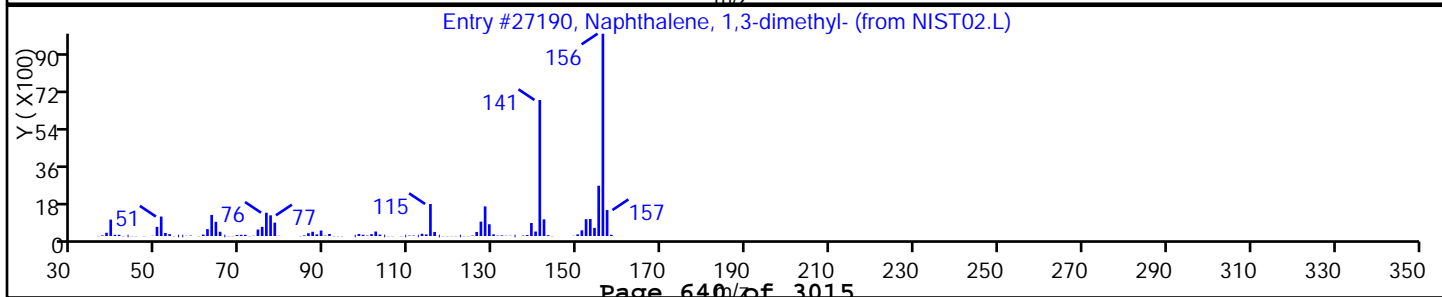
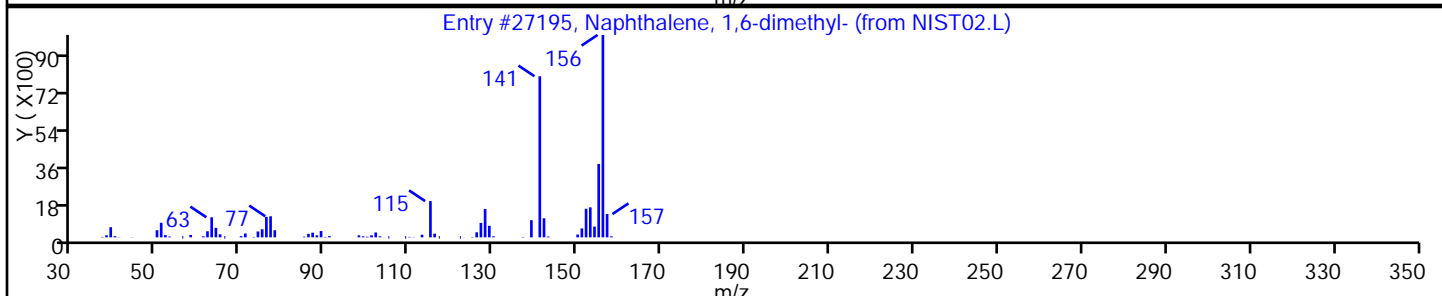
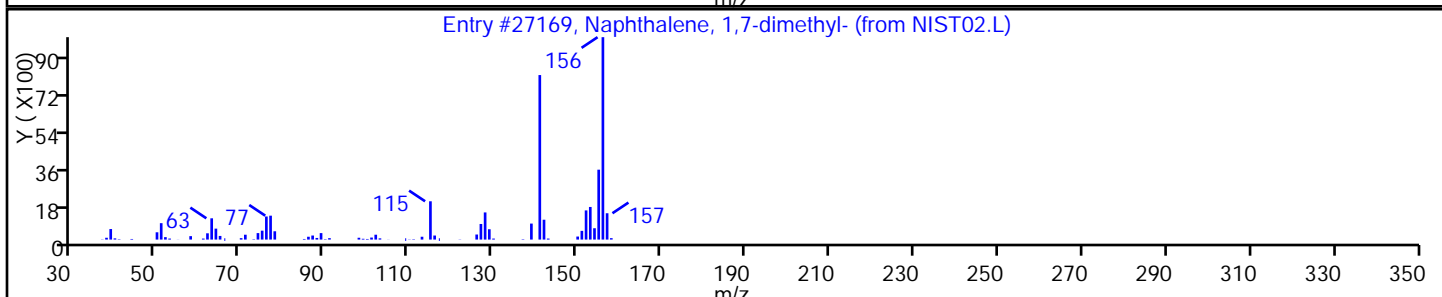
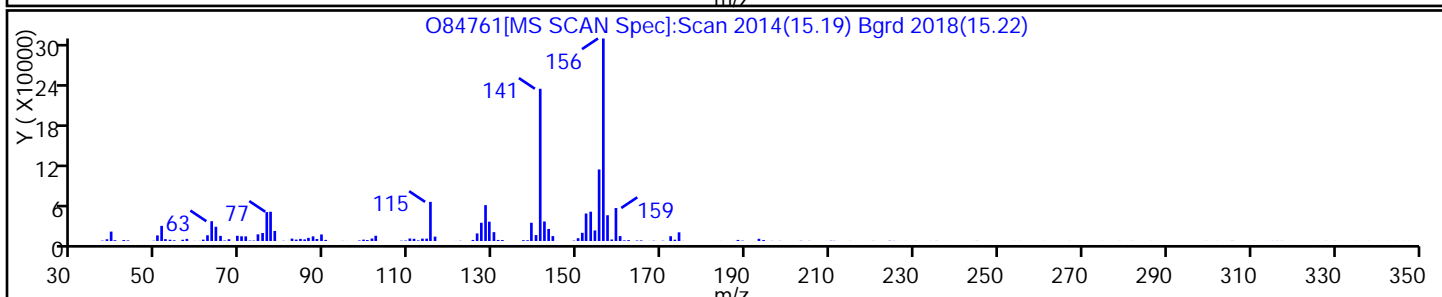
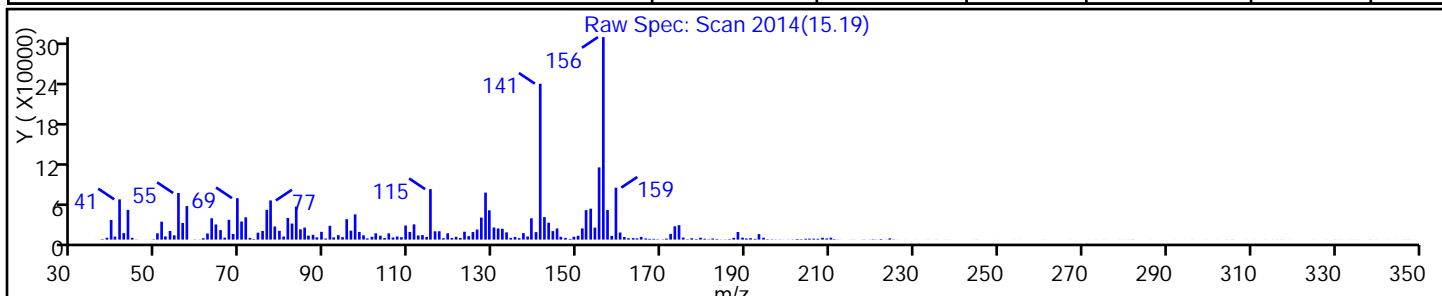
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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, 1,6-dimethyl-	575-43-9	NIST02.L	27195	C12H12	156	98
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27190	C12H12	156	98



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: O84762.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:35
 Sample wt/vol: 4.71(g) Date Analyzed: 03/13/2014 23:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.4 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.20	U	1.2	0.20
74-83-9	Bromomethane	0.53	U	1.2	0.53
75-01-4	Vinyl chloride	0.42	U	1.2	0.42
75-00-3	Chloroethane	0.40	U	1.2	0.40
75-09-2	Methylene Chloride	0.89	J	1.2	0.18
67-64-1	Acetone	34	B	6.1	2.1
75-15-0	Carbon disulfide	0.49	J	1.2	0.18
75-69-4	Trichlorofluoromethane	0.20	U	1.2	0.20
75-35-4	1,1-Dichloroethene	0.23	U	1.2	0.23
75-34-3	1,1-Dichloroethane	0.13	U	1.2	0.13
156-60-5	trans-1,2-Dichloroethene	0.16	U	1.2	0.16
156-59-2	cis-1,2-Dichloroethene	0.13	U	1.2	0.13
67-66-3	Chloroform	3.1		1.2	0.29
78-93-3	2-Butanone	0.77	U	6.1	0.77
107-06-2	1,2-Dichloroethane	0.22	U	1.2	0.22
71-55-6	1,1,1-Trichloroethane	0.16	U	1.2	0.16
56-23-5	Carbon tetrachloride	0.18	U	1.2	0.18
71-43-2	Benzene	0.18	U	1.2	0.18
75-25-2	Bromoform	0.21	U	1.2	0.21
100-42-5	Styrene	0.34	U	1.2	0.34
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.22	U	1.2	0.22
110-82-7	Cyclohexane	0.16	U	1.2	0.16
98-82-8	Isopropylbenzene	0.13	U	1.2	0.13
591-78-6	2-Hexanone	0.16	U	6.1	0.16
1634-04-4	MTBE	0.13	U	1.2	0.13
76-13-1	Freon TF	0.13	U	1.2	0.13
79-20-9	Methyl acetate	0.39	U	6.1	0.39
123-91-1	1,4-Dioxane	16	U	25	16
79-01-6	Trichloroethene	0.34	J	1.2	0.15
108-88-3	Toluene	0.17	U	1.2	0.17
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	0.25	U	6.1	0.25
10061-01-5	cis-1,3-Dichloropropene	0.17	U	1.2	0.17
95-50-1	1,2-Dichlorobenzene	2.6		1.2	0.12
541-73-1	1,3-Dichlorobenzene	0.20	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: O84762.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:35
 Sample wt/vol: 4.71(g) Date Analyzed: 03/13/2014 23:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.4 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	4.1		1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	64		1.2	0.23
87-61-6	1,2,3-Trichlorobenzene	12		1.2	0.20
78-87-5	1,2-Dichloropropane	0.18	U	1.2	0.18
108-87-2	Methylcyclohexane	6.4		1.2	0.12
127-18-4	Tetrachloroethene	19		1.2	0.15
1330-20-7	Xylenes, Total	13		2.5	0.82
96-12-8	1,2-Dibromo-3-Chloropropane	0.54	U	1.2	0.54
79-34-5	1,1,2,2-Tetrachloroethane	0.11	U	1.2	0.11
79-00-5	1,1,2-Trichloroethane	0.17	U	1.2	0.17
124-48-1	Dibromochloromethane	0.12	U	1.2	0.12
106-93-4	1,2-Dibromoethane	0.18	U	1.2	0.18
75-71-8	Dichlorodifluoromethane	0.27	U	1.2	0.27
74-97-5	Bromochloromethane	0.13	U	1.2	0.13
75-27-4	Bromodichloromethane	0.39	U	1.2	0.39

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130
460-00-4	Bromofluorobenzene	82		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: O84762.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:35
 Sample wt/vol: 4.71(g) Date Analyzed: 03/13/2014 23:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.4 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 4360

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.47	360	J N
7667-60-9	Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	6.79	240	J N
50876-32-9	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	7.50	310	J N
4057-42-5	2-Octene, 2,6-dimethyl-	7.82	180	J N
59643-68-4	3,5-Dimethyl-3-heptene	8.01	820	J N
629-89-0	1-Octadecyne	8.33	310	J N
	Unknown	8.47	410	J
1678-97-3	Cyclohexane, 1,2,3-trimethyl-	8.55	490	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.68	590	J N
	Unknown	8.78	650	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D
 Lims ID: 460-72180-A-8-A Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 23:51:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-8-A
 Misc. Info.: 460-0010824-013
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:55:06 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:55:06

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	86	56826	27.9	
21 Carbon disulfide	76	1.670	1.656	0.014	96	7738	0.3987	
25 Methylene Chloride	84	1.821	1.821	0.0	60	4811	0.7261	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	512170	1000.0	
47 Chloroform	83	2.902	2.895	0.007	87	27541	2.56	
\$ 152 Dibromofluoromethane (Surr)	113	3.031	3.024	0.007	94	191625	44.7	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.304	3.296	0.008	85	196823	44.2	
* 59 Fluorobenzene	96	3.597	3.590	0.007	98	1059815	50.0	
61 Trichloroethene	95	3.934	3.934	0.0	68	1908	0.2797	
63 Methylcyclohexane	83	4.106	4.099	0.007	83	69024	5.19	
* 150 1,4-Dioxane-d8	96	4.292	4.278	0.014	67	39241	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.259	5.252	0.007	99	867035	46.9	
80 Tetrachloroethene	166	5.997	5.990	0.007	82	86455	15.3	
* 87 Chlorobenzene-d5	117	7.129	7.121	0.008	71	705018	50.0	
92 o-Xylene	106	8.131	8.117	0.014	62	121716	10.7	
\$ 99 4-Bromofluorobenzene	174	8.934	8.919	0.015	34	203438	40.9	
* 116 1,4-Dichlorobenzene-d4	152	10.803	10.775	0.028	48	467271	50.0	
117 1,4-Dichlorobenzene	146	10.839	10.810	0.029	34	58020	3.36	
121 1,2-Dichlorobenzene	146	11.405	11.376	0.029	17	34270	2.14	
124 1,2,4-Trichlorobenzene	180	13.196	13.181	0.015	68	579848	52.2	
128 1,2,3-Trichlorobenzene	180	13.604	13.597	0.007	28	101332	9.95	
S 131 Xylenes, Total	100				0		10.7	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D
 Lims ID: 460-72180-A-8-A Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 23:51:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-8-A
 Misc. Info.: 460-0010824-013
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:55:06 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 08:55:06

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.470	3073-66-3 Cyclohexane, 1,1,3-trimethyl- 22922537	296.1	87	94	11239	C9H18	126	
6.785	7667-60-9 Cyclohexane, 1,2,4-trimethyl-, (1.alpha. 15195867	196.3	87	93	11271	C9H18	126	
7.501	50876-32-9 Cyclohexane, 1,1,3,5-tetramethyl-, cis- 19477438	251.6	87	53	17394	C10H20	140	
7.816	4057-42-5 2-Octene, 2,6-dimethyl- 11350541	146.6	87	70	17329	C10H20	140	
8.010	59643-68-4 3,5-Dimethyl-3-heptene 51842772	669.8	87	64	11182	C9H18	126	
8.332	629-89-0 1-Octadecyne 19811190	256.0	87	50	88621	C18H34	250	
8.468	Unknown 25930093	335.0	87					
8.547	1678-97-3 Cyclohexane, 1,2,3-trimethyl- 30661215	396.1	87	49	11217	C9H18	126	
8.676	14676-29-0 Heptane, 3-ethyl-2-methyl- 37317004	482.1	87	87	18480	C10H22	142	
8.776	Unknown 40801403	527.1	87					

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.129	3870119	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Worklist Smp#: 13

Client ID: PMP-17SW-WT

Purge Vol: 5.000 mL

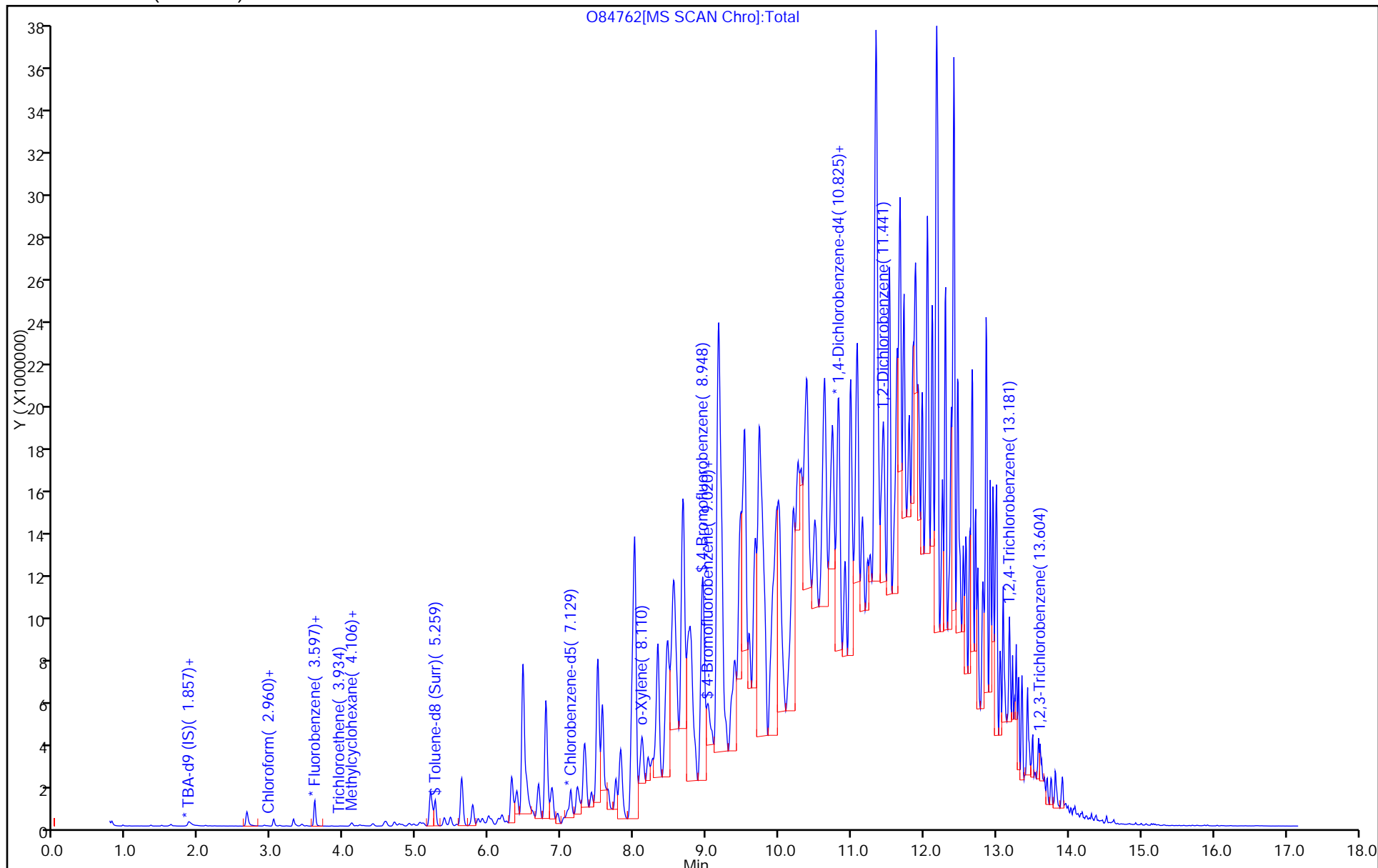
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

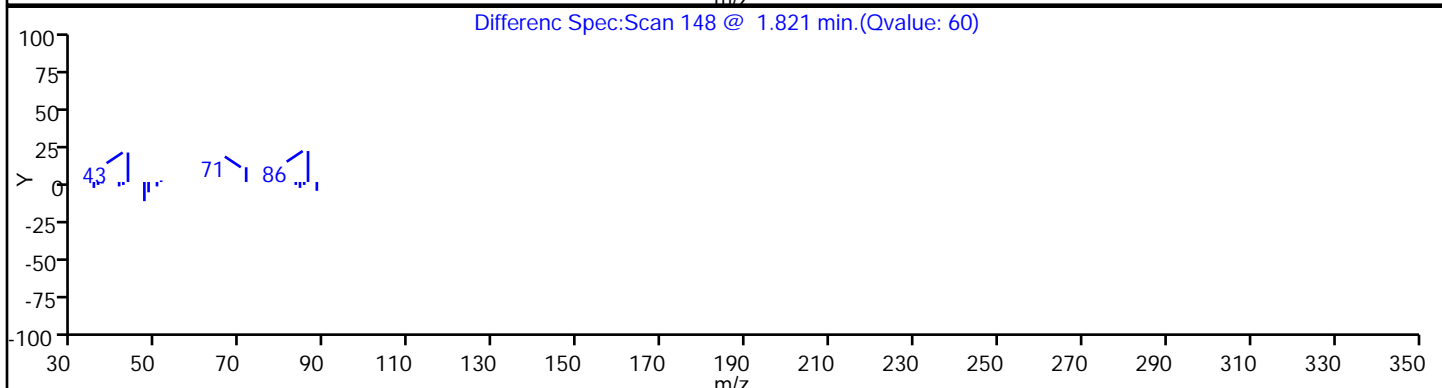
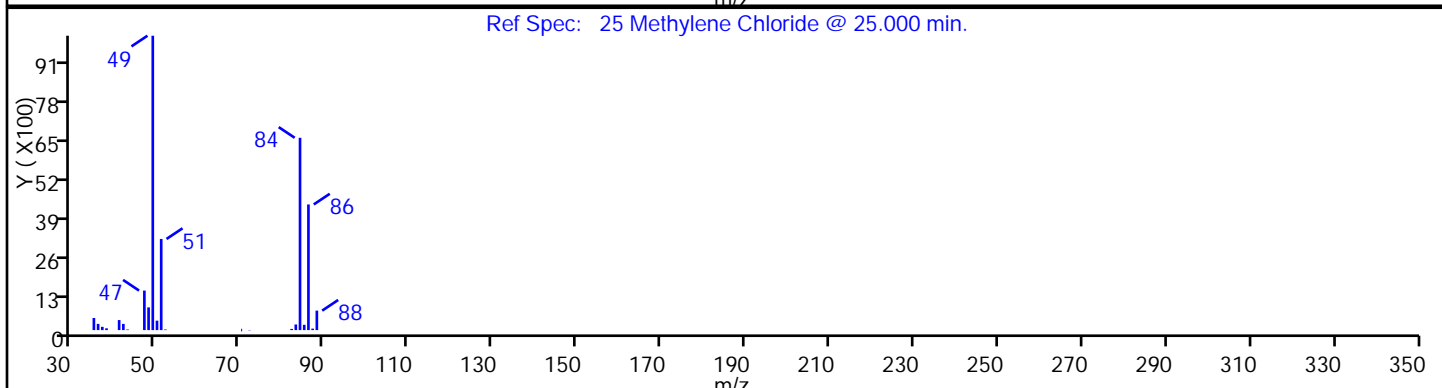
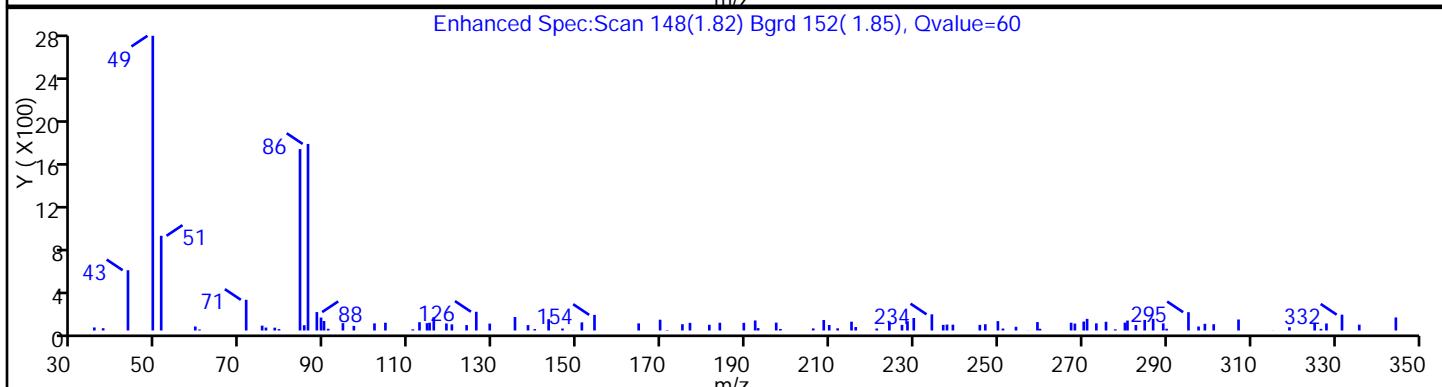
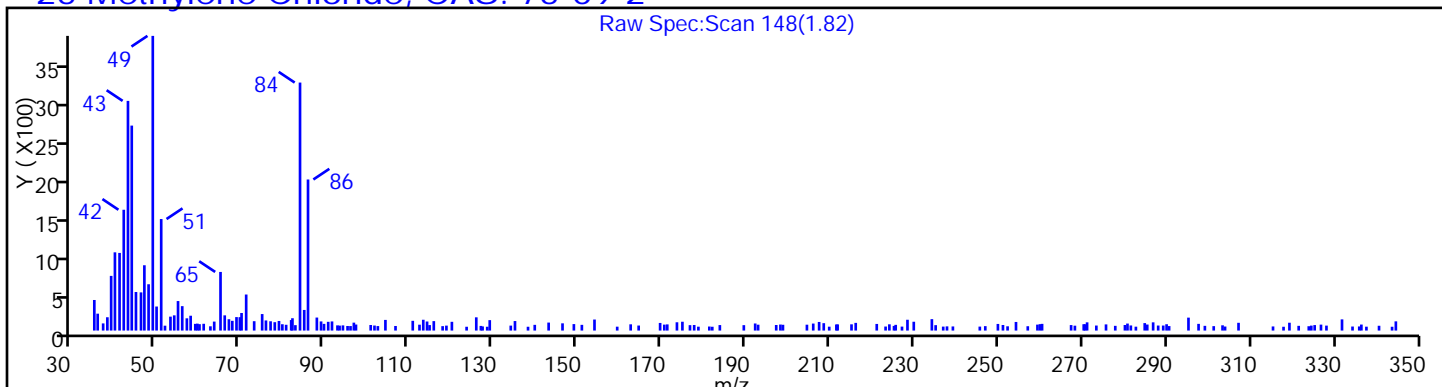
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

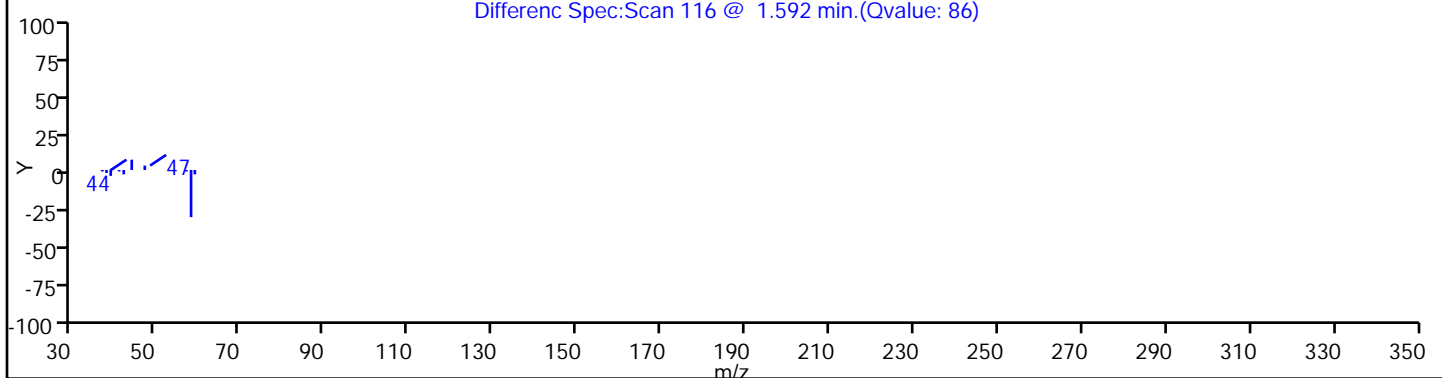
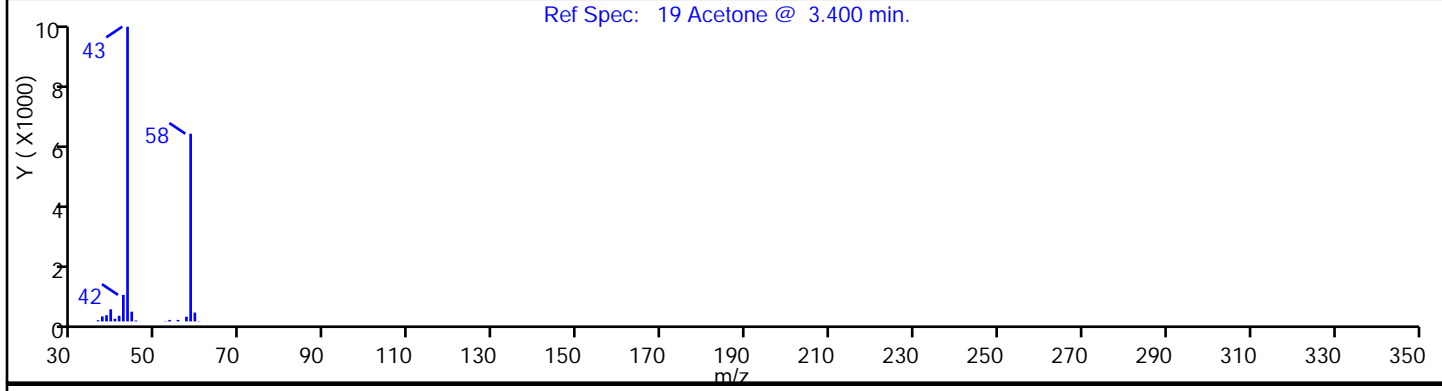
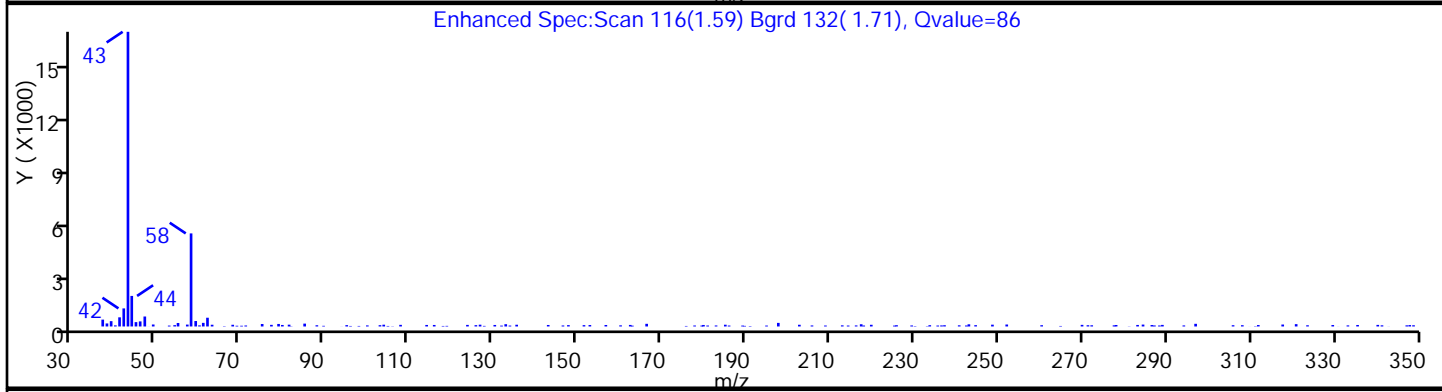
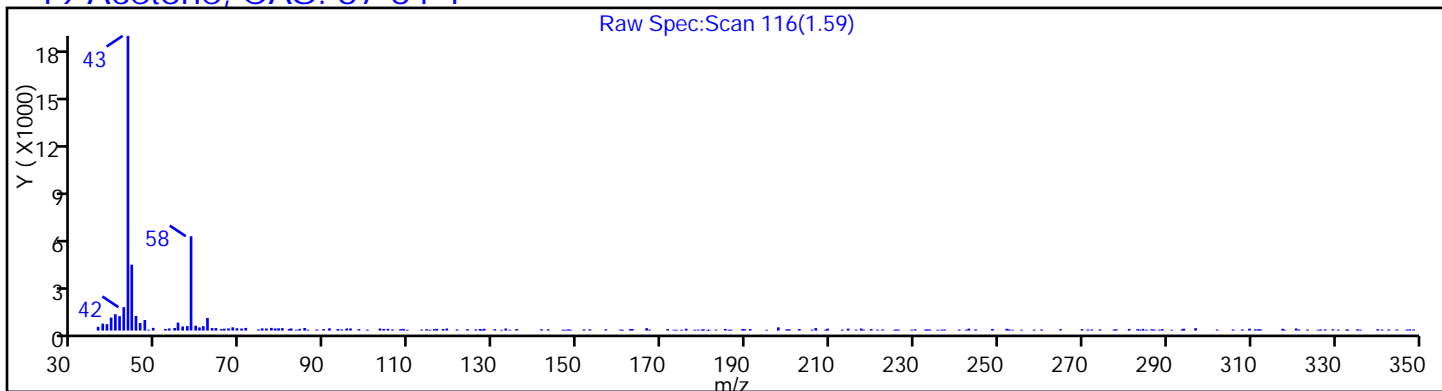
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

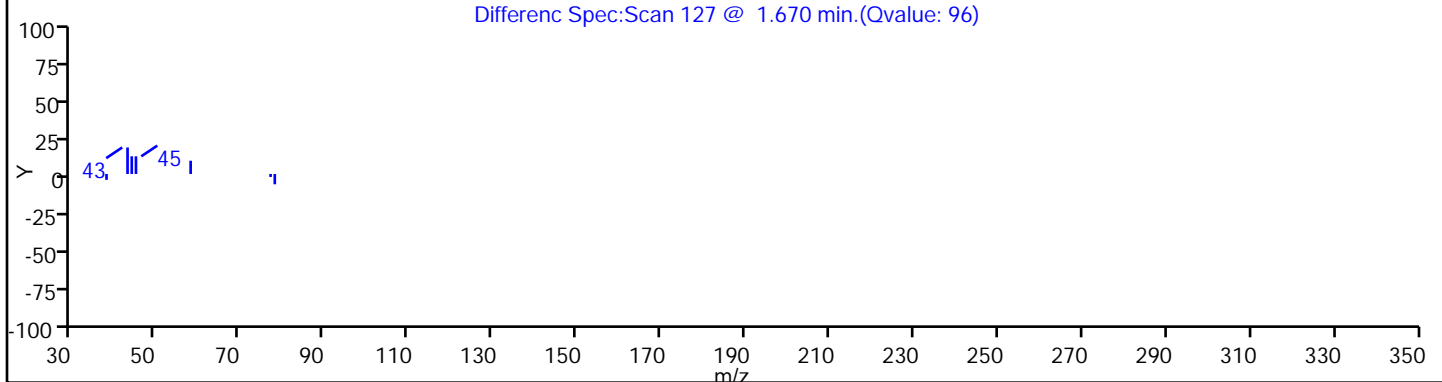
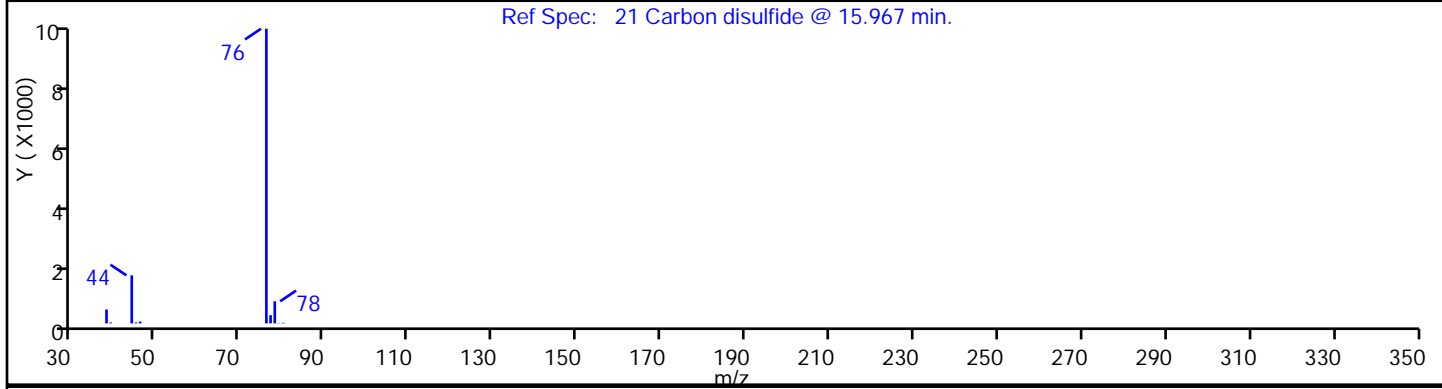
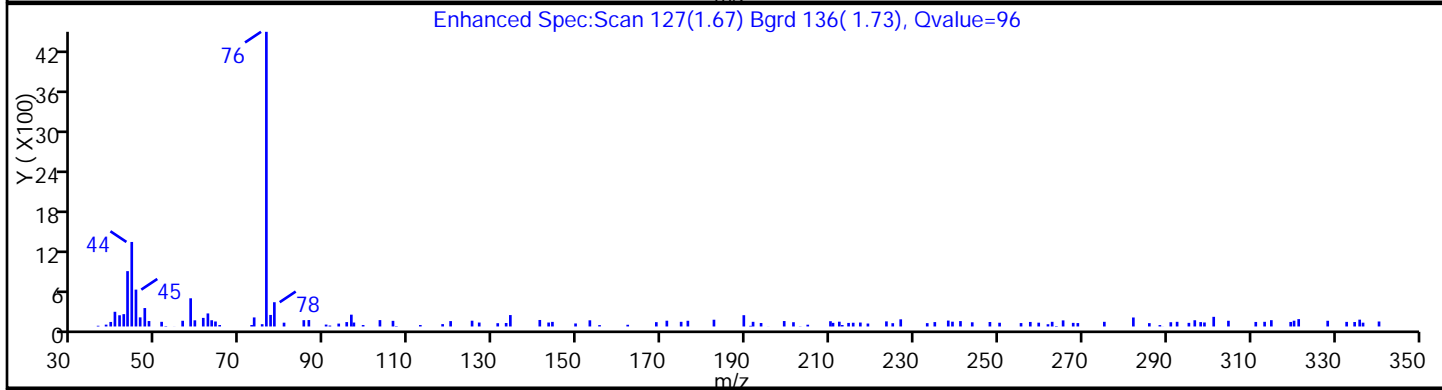
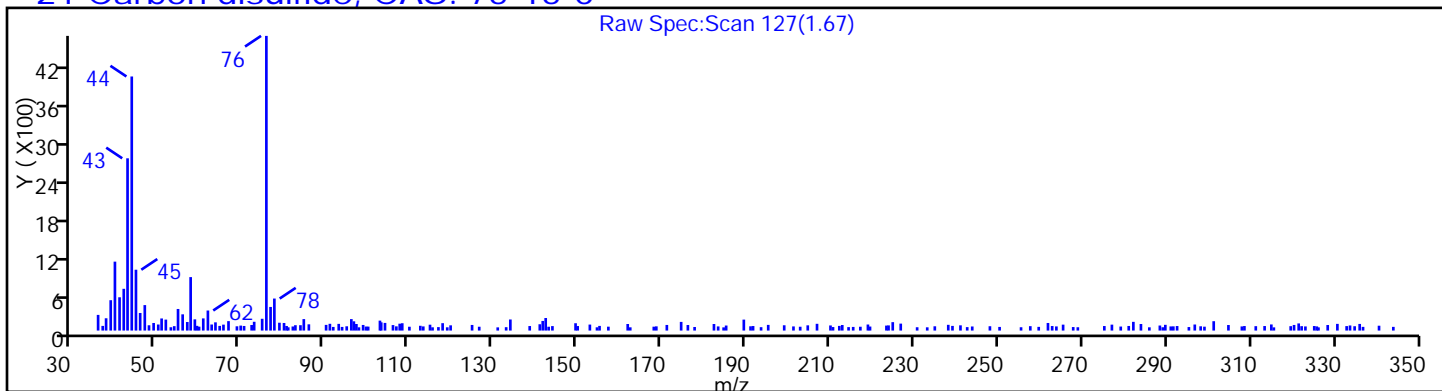
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

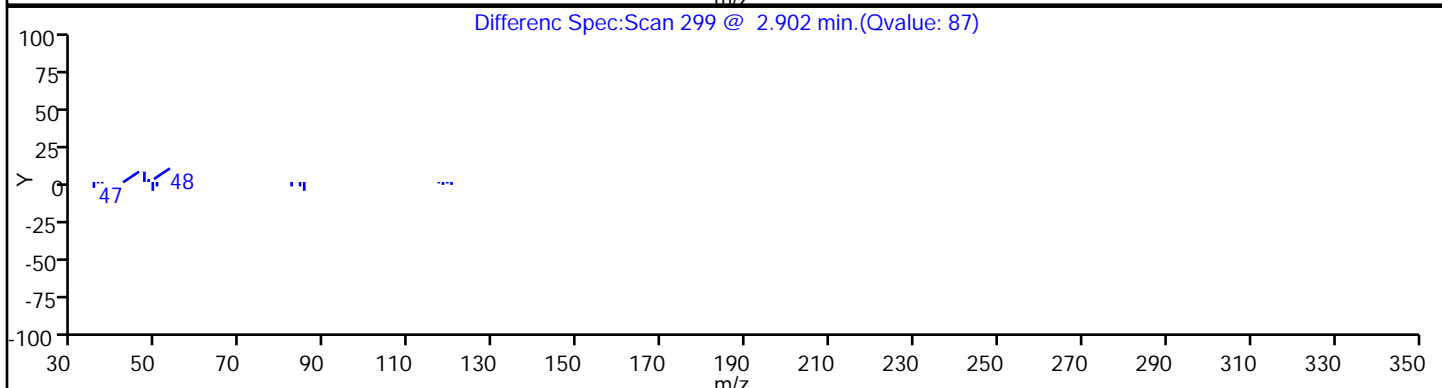
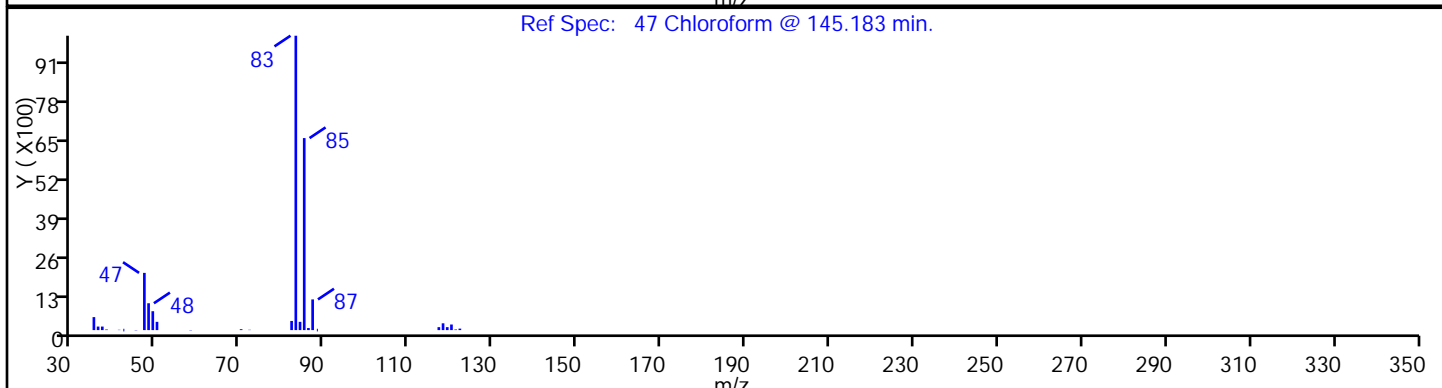
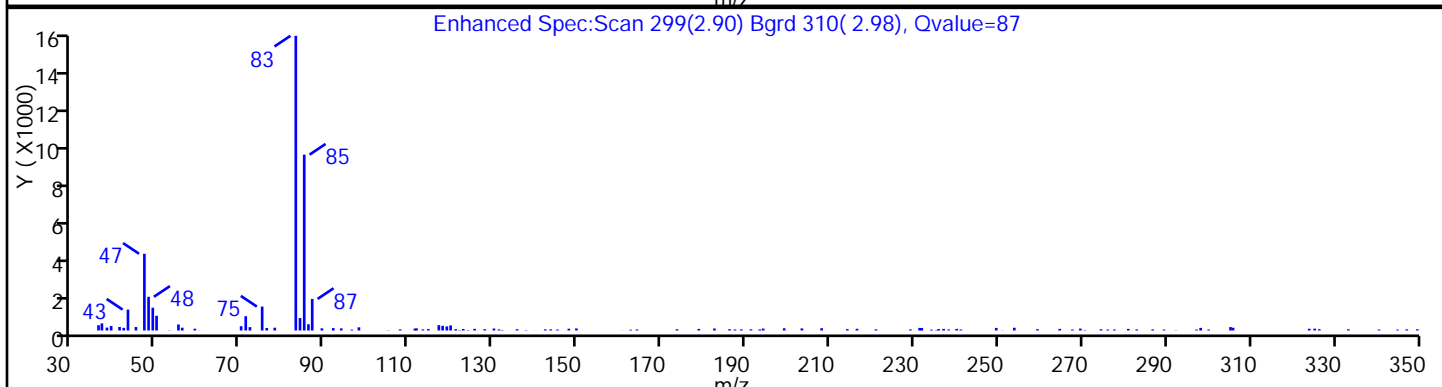
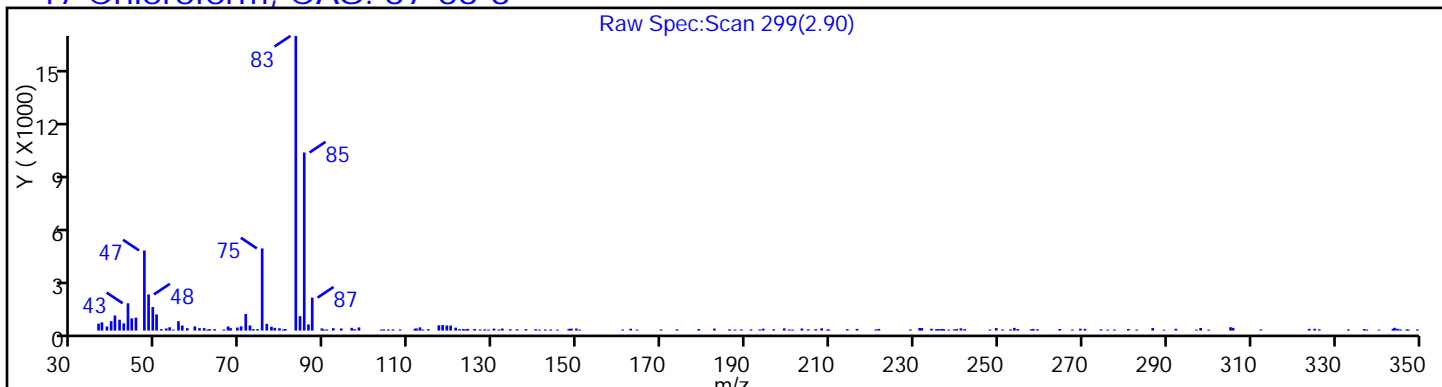
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

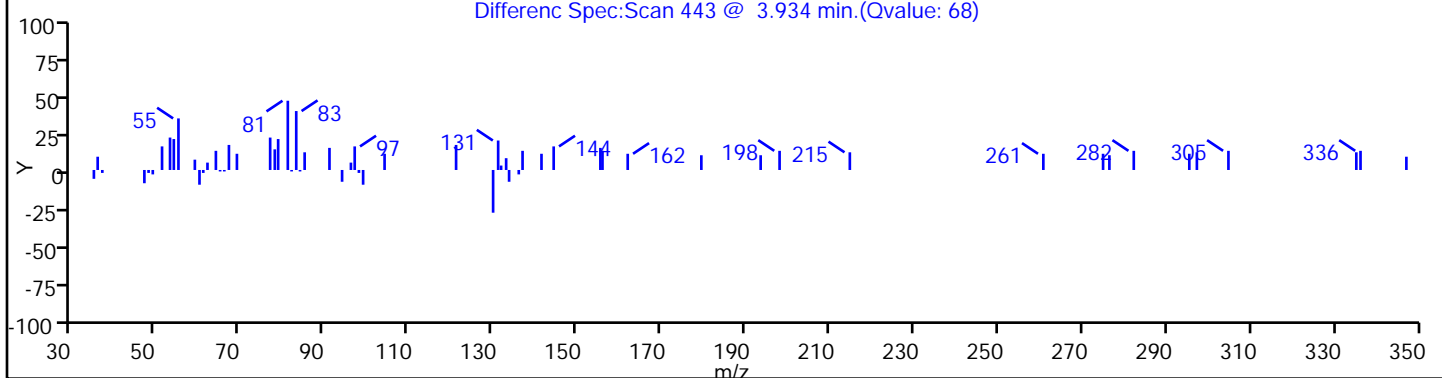
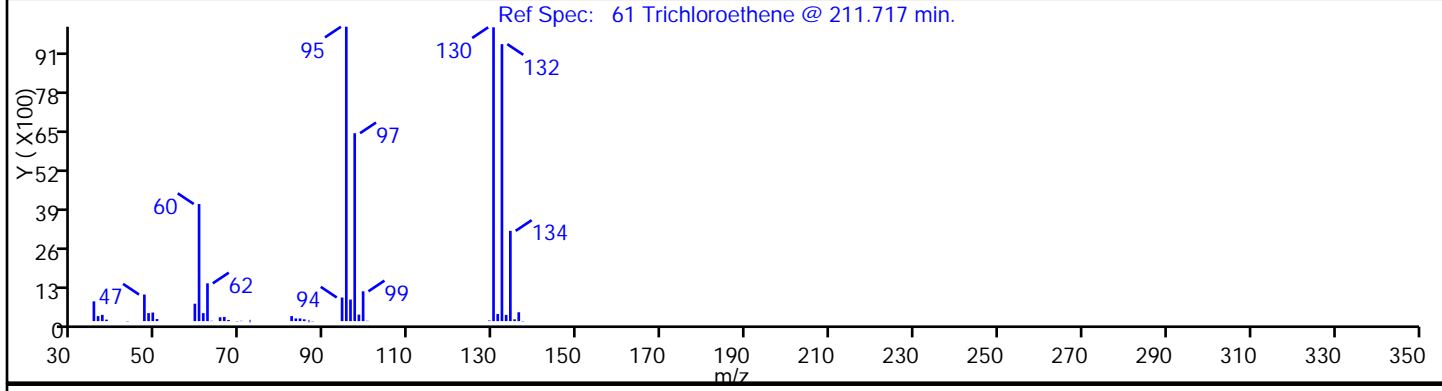
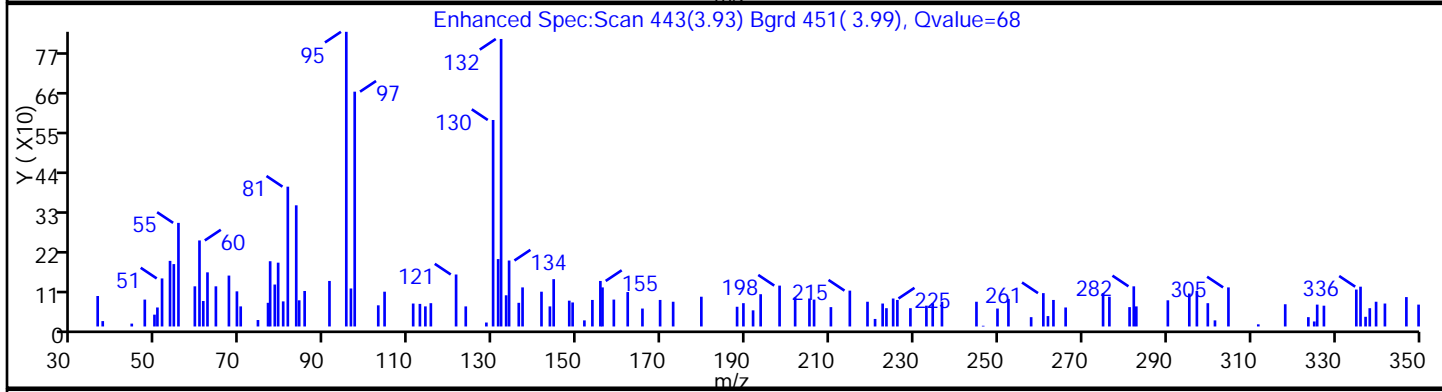
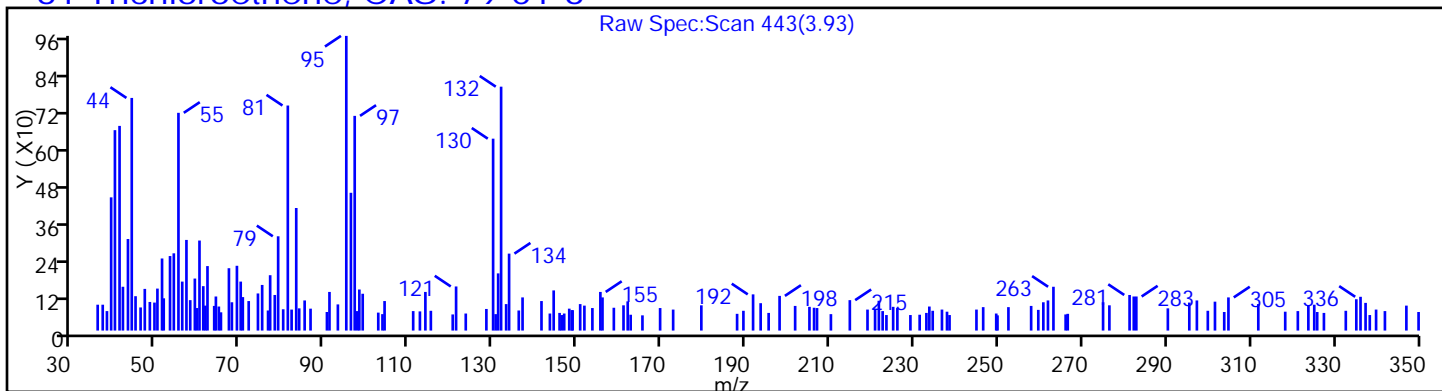
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

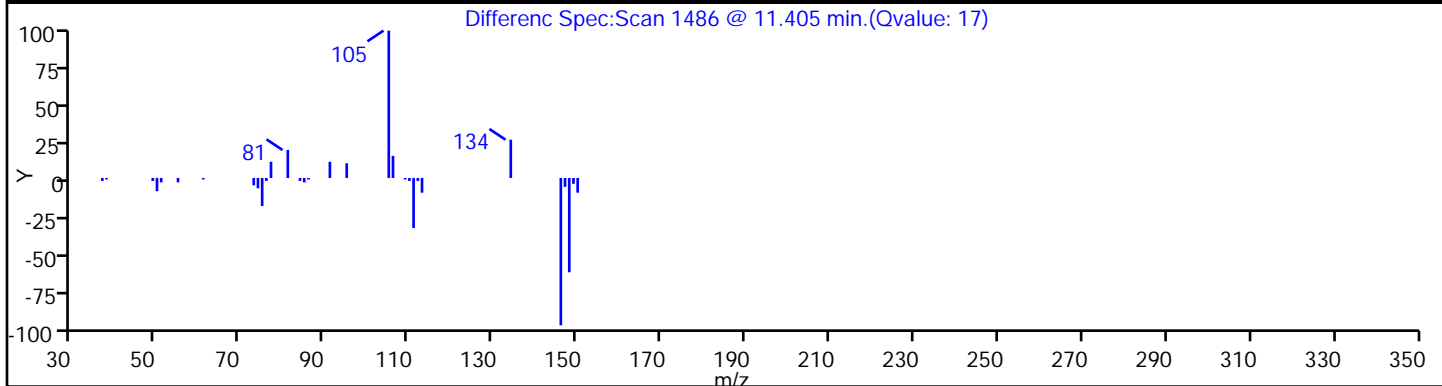
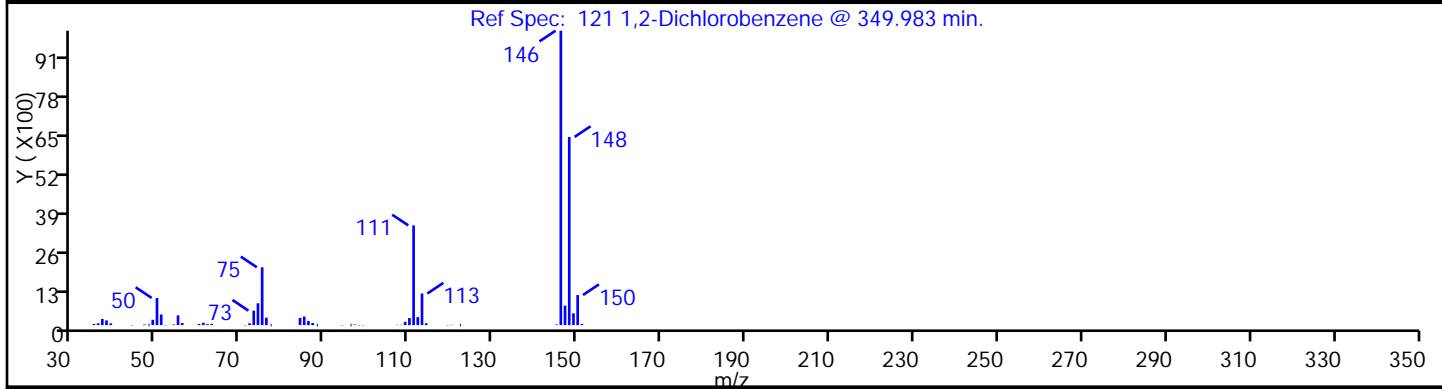
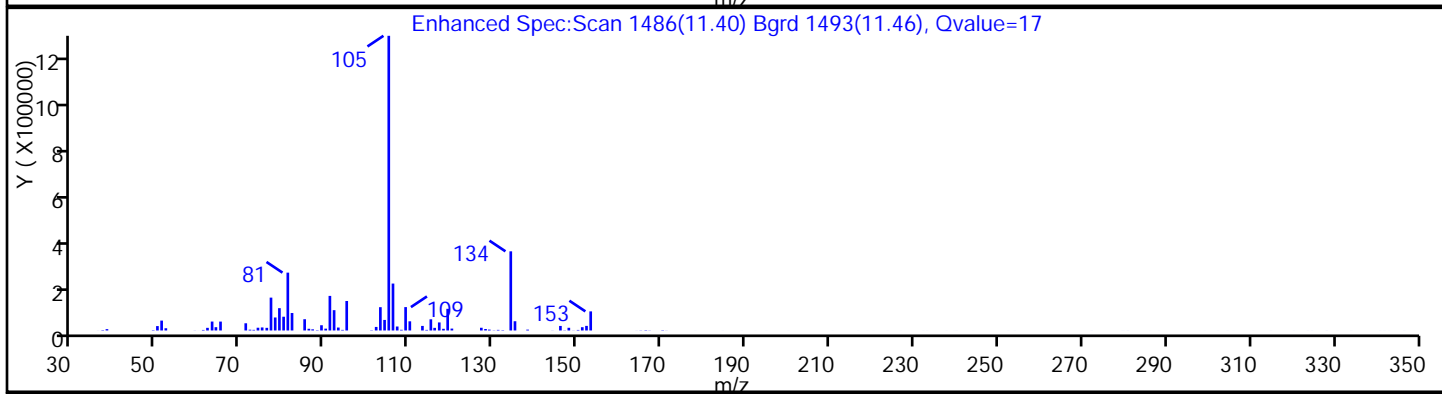
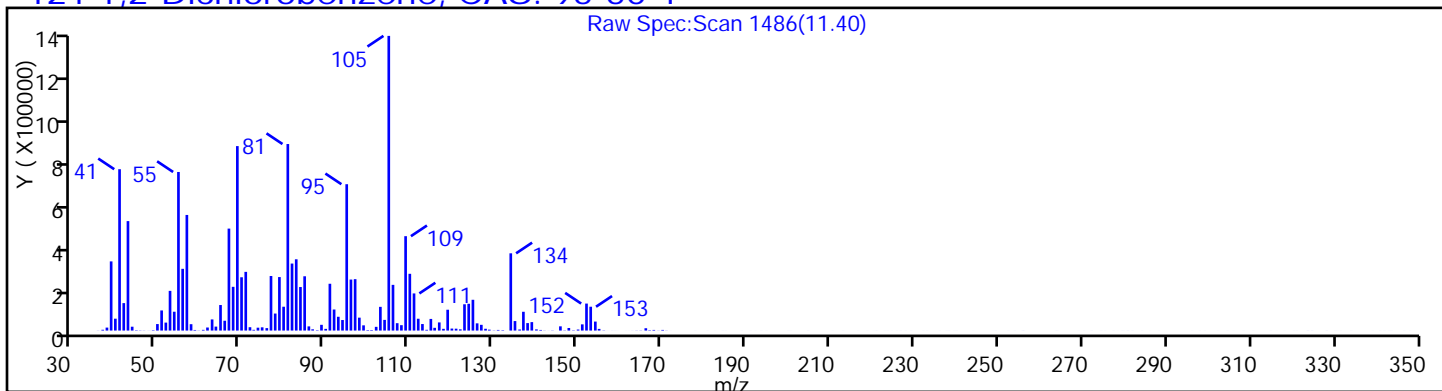
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

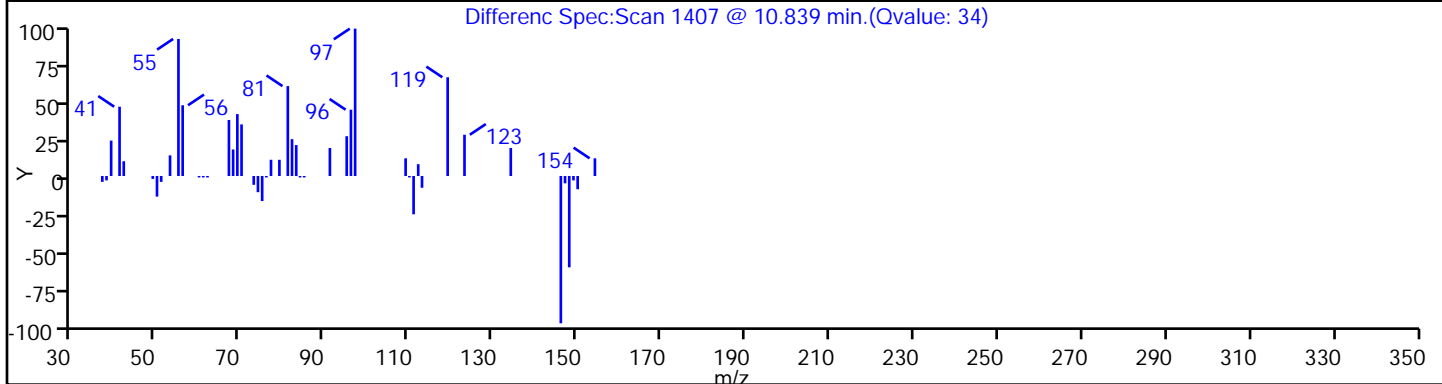
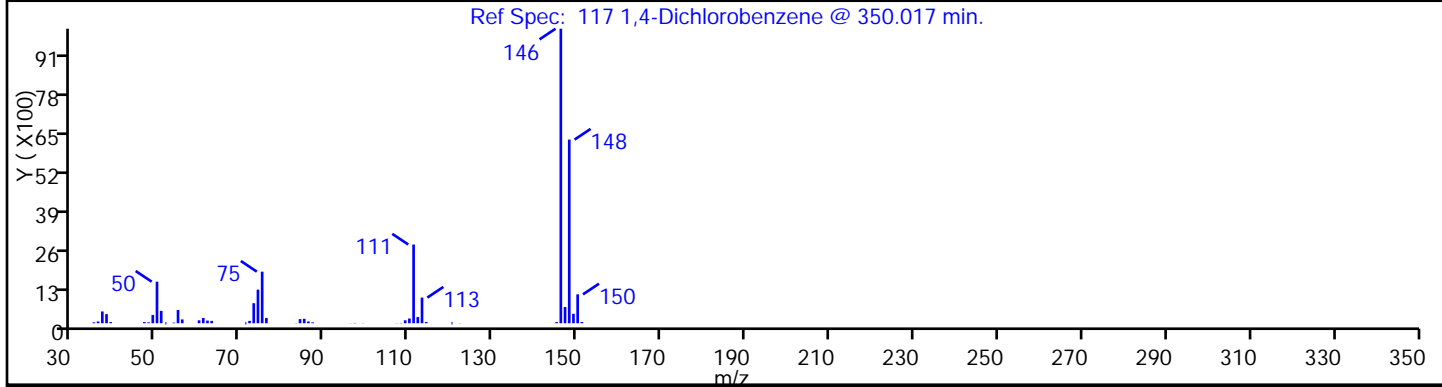
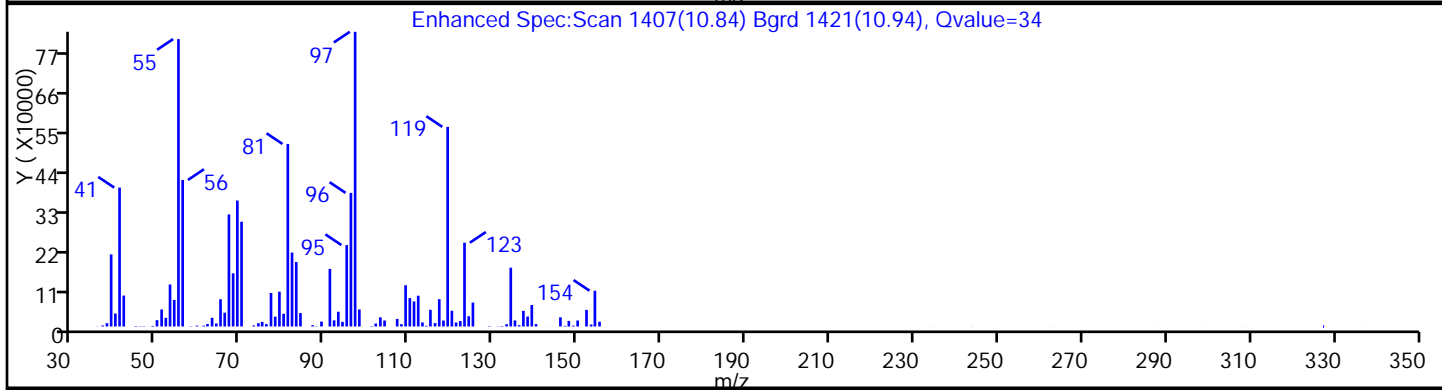
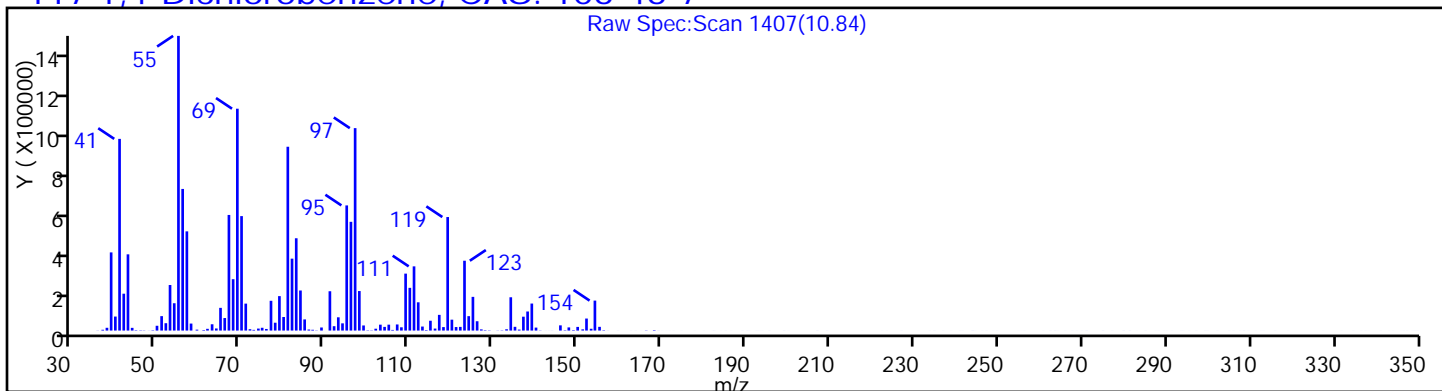
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

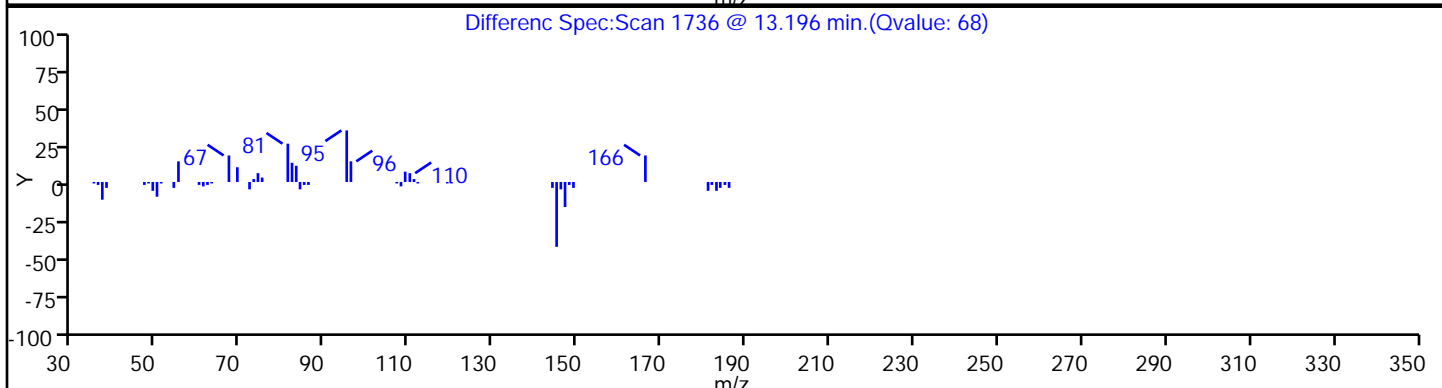
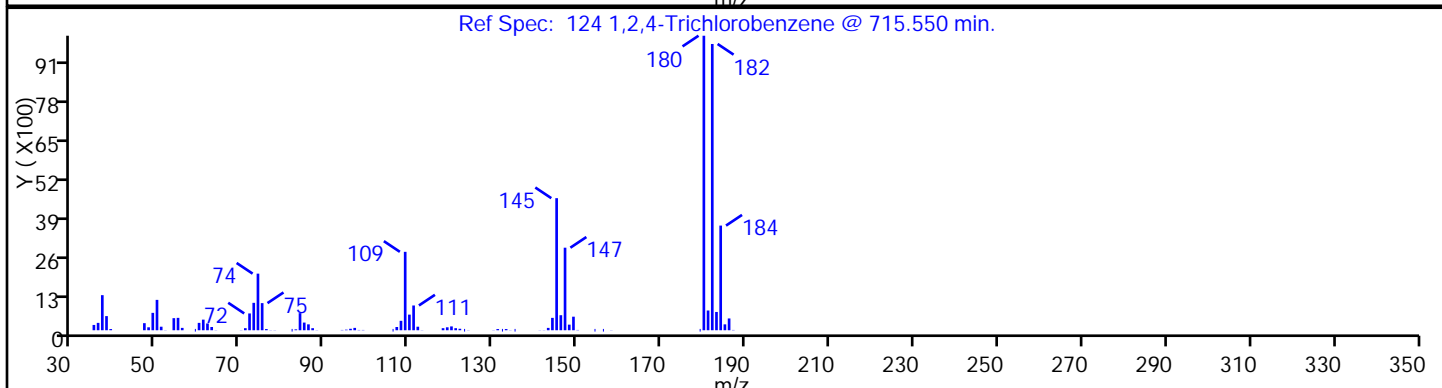
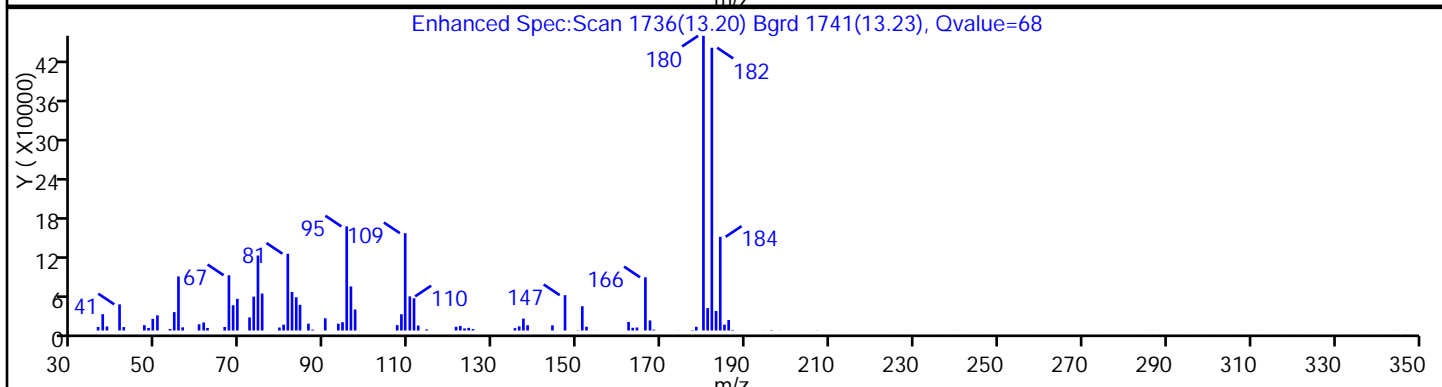
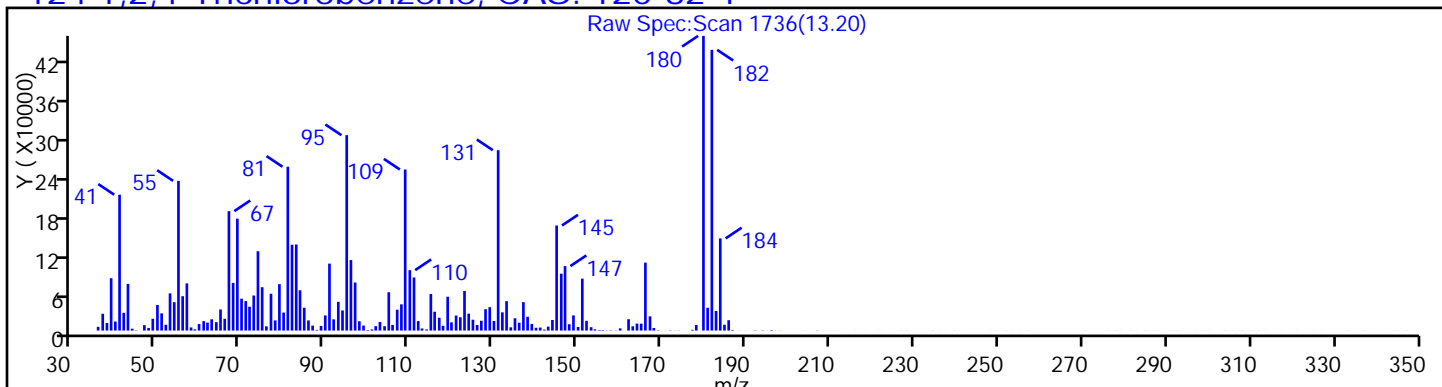
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

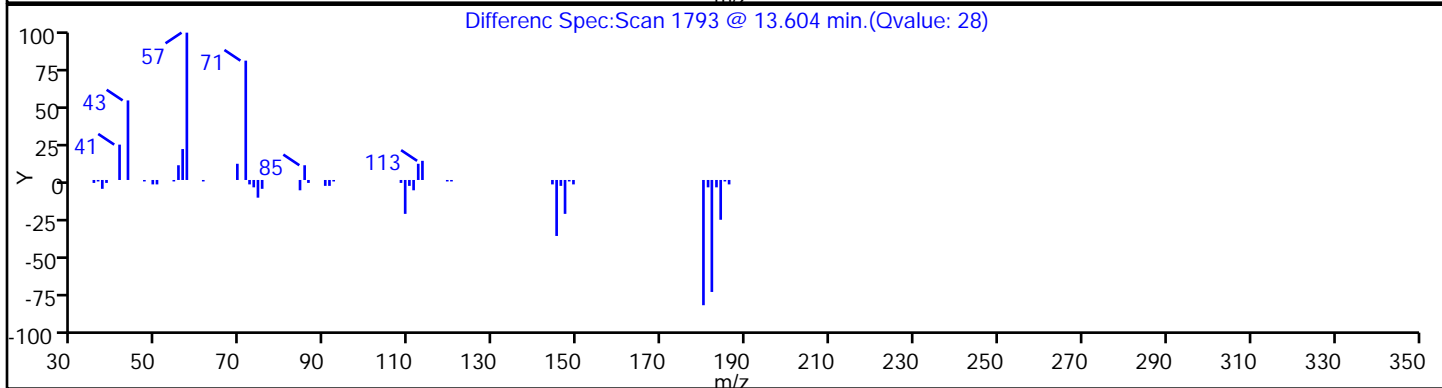
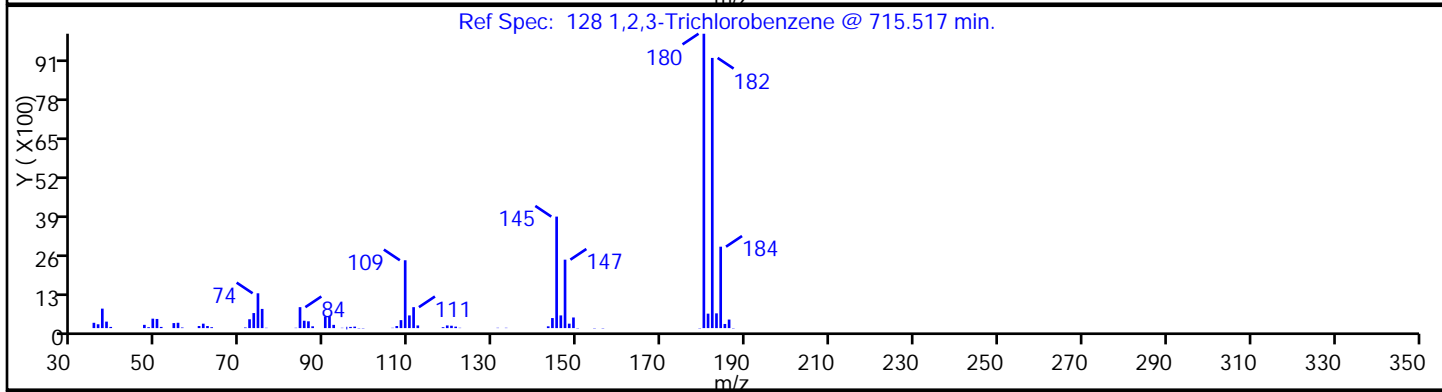
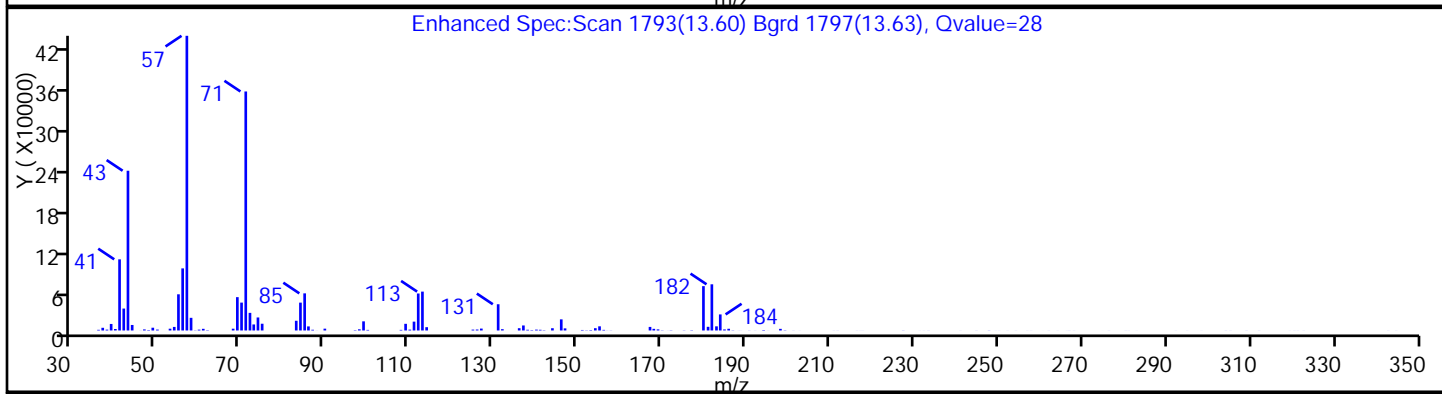
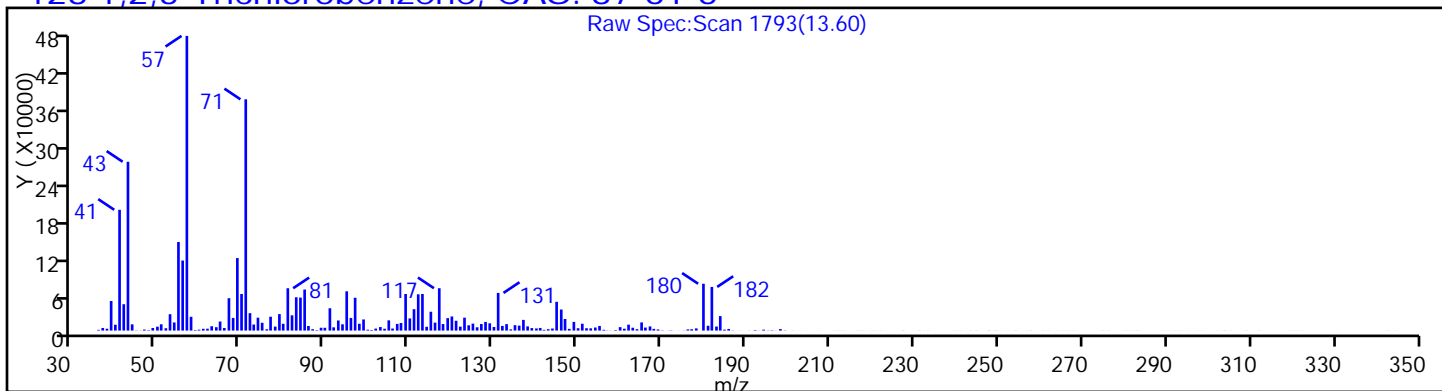
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

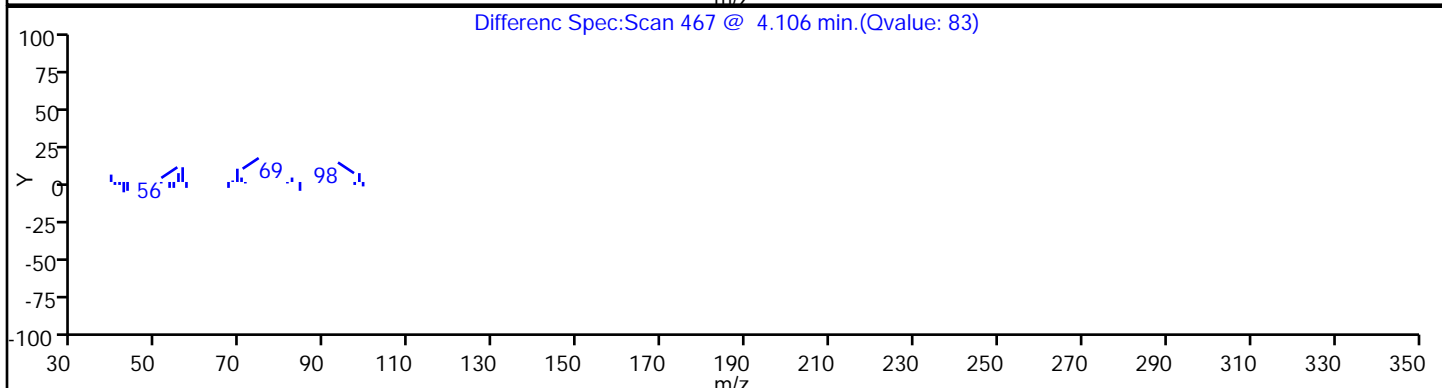
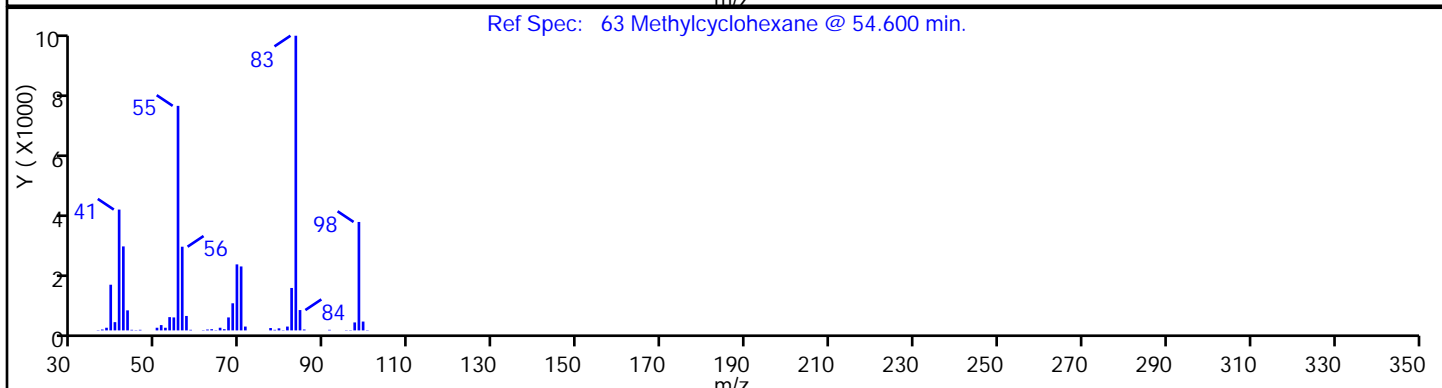
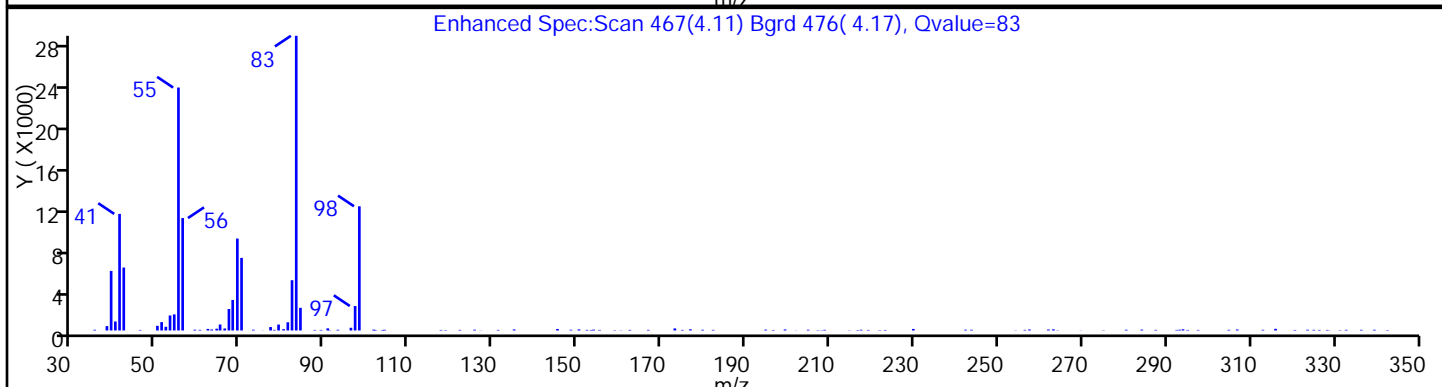
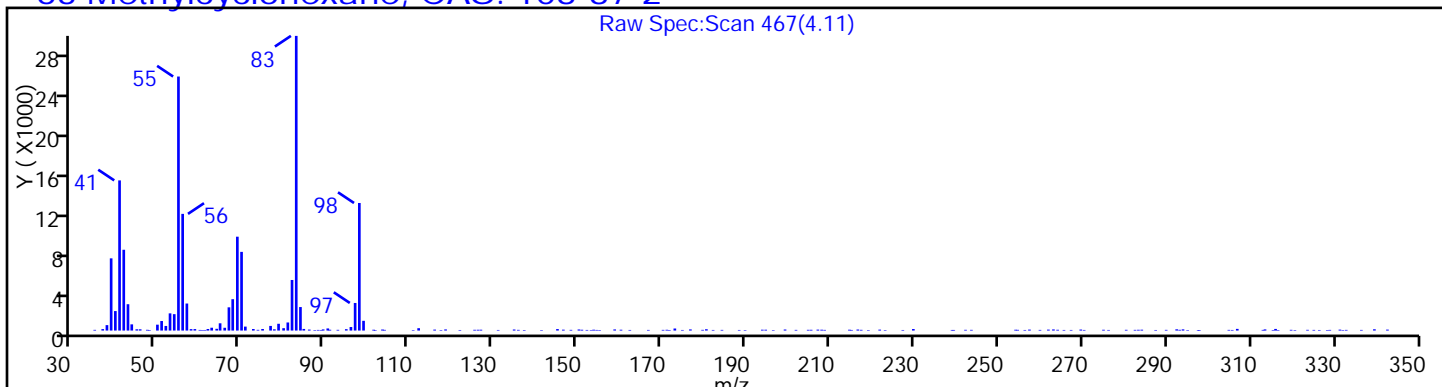
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

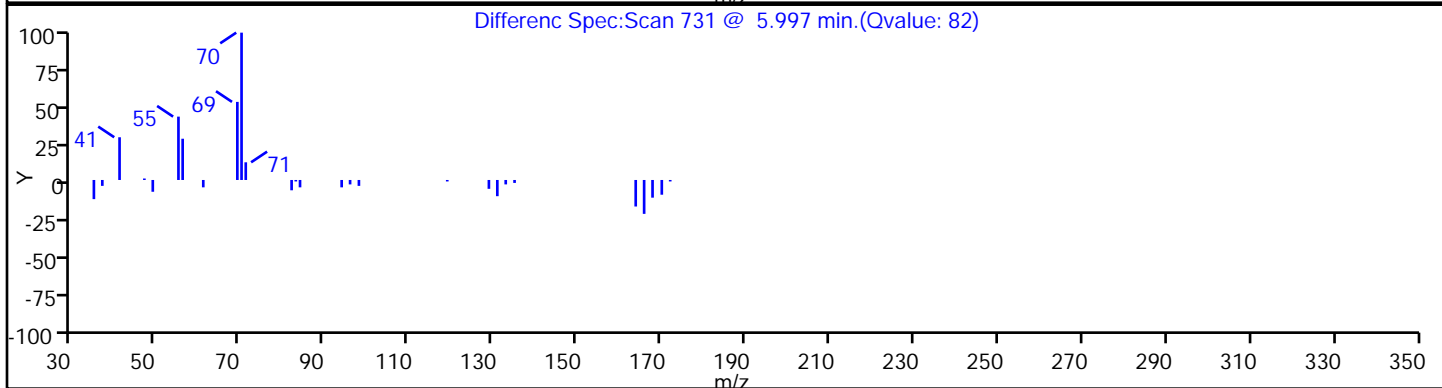
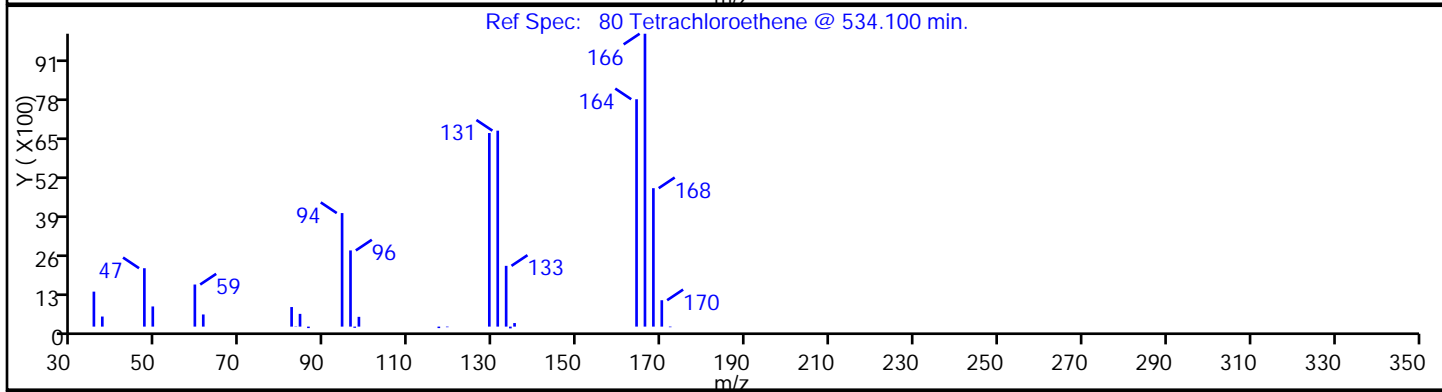
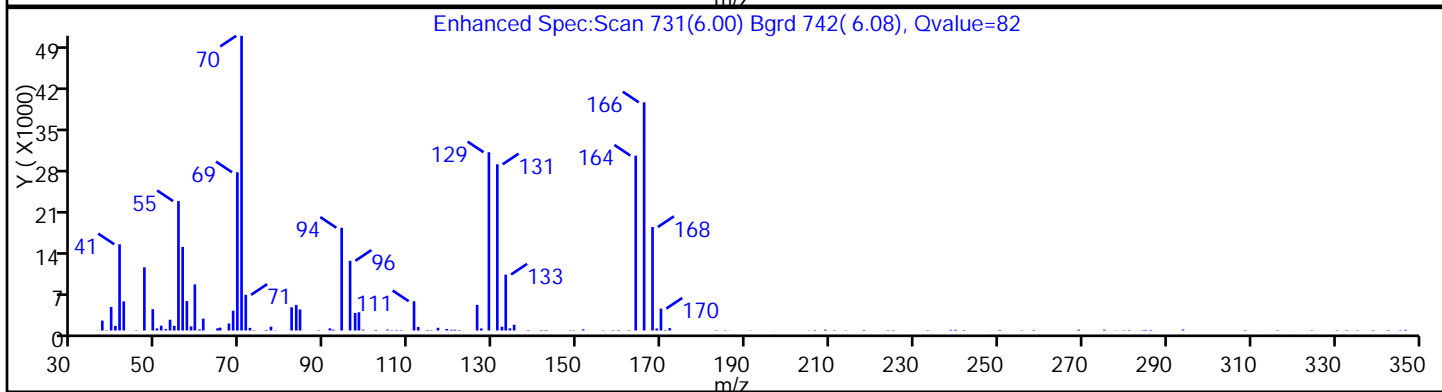
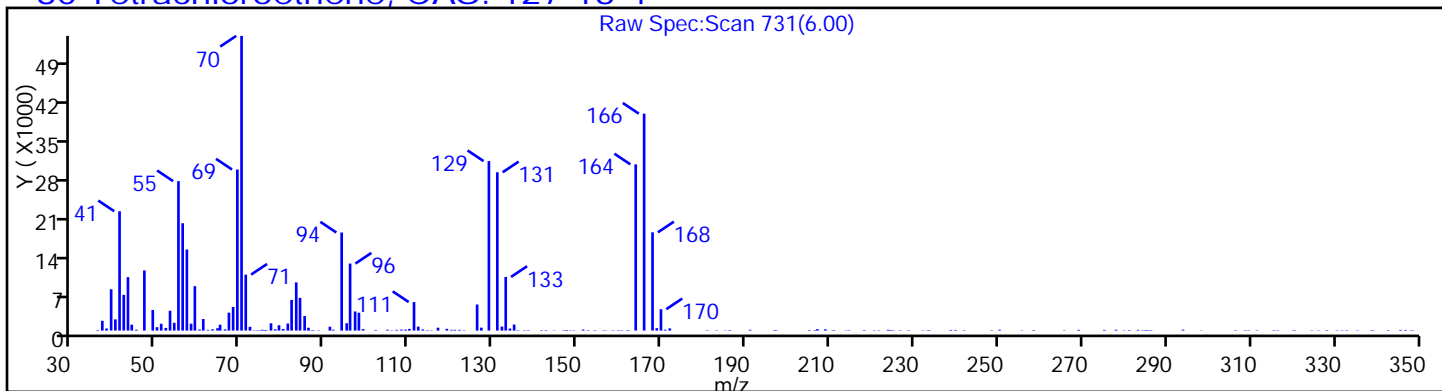
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

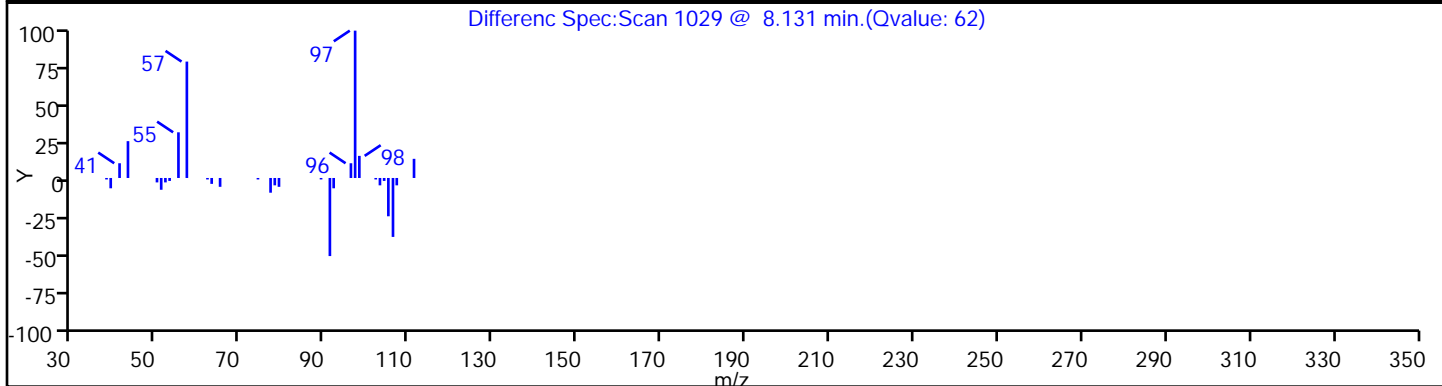
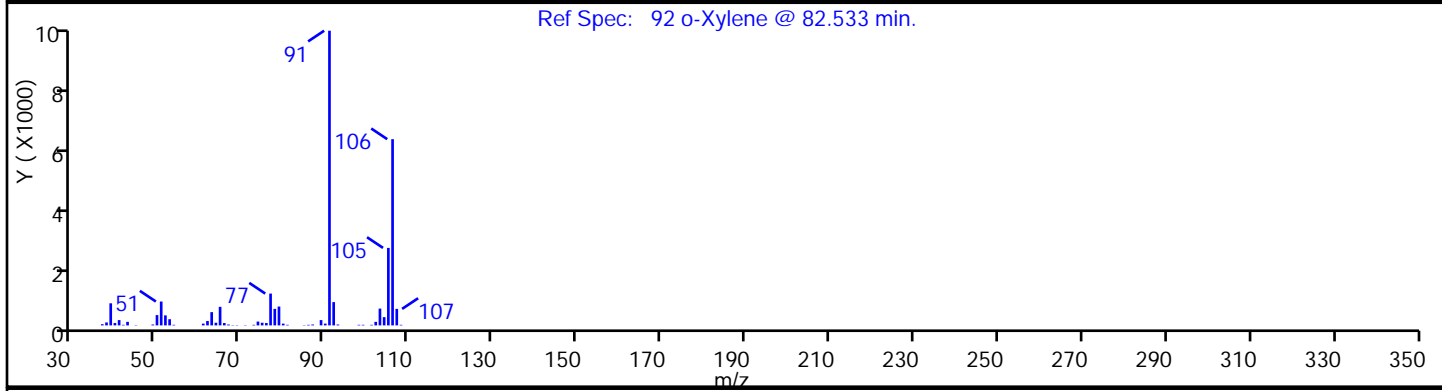
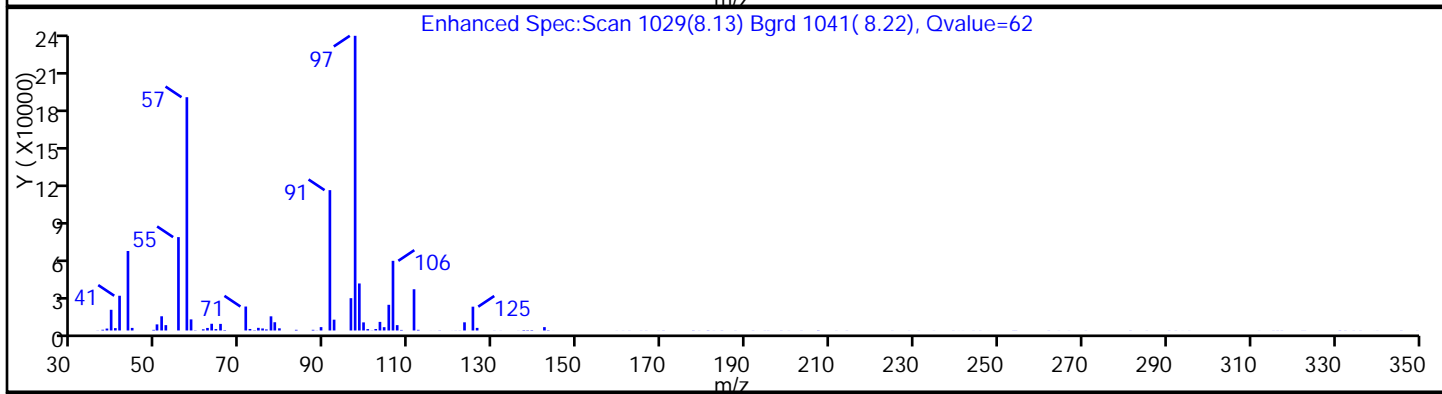
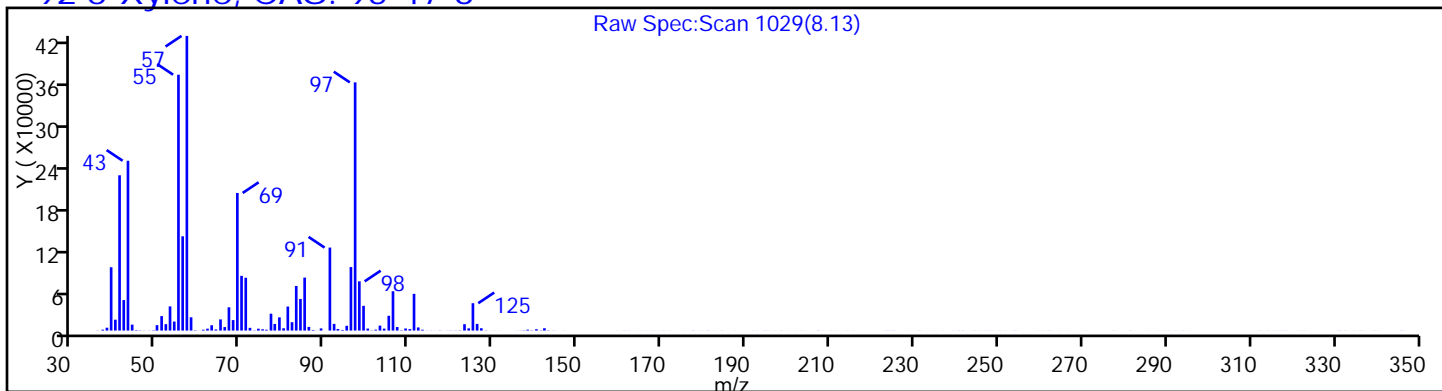
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

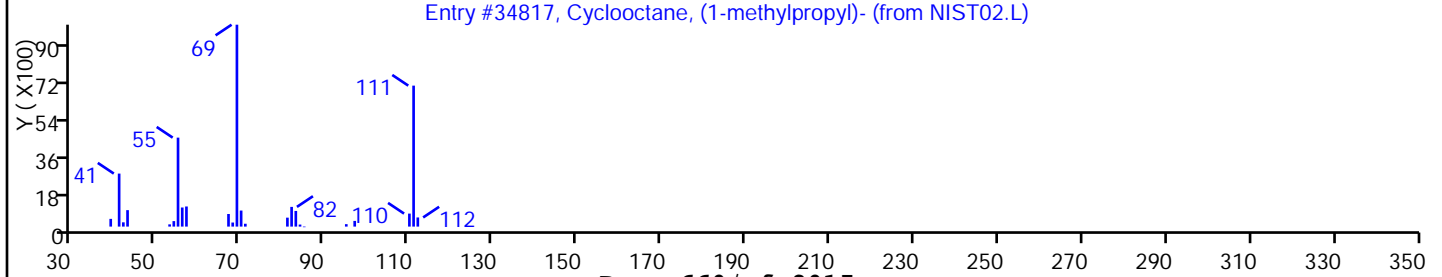
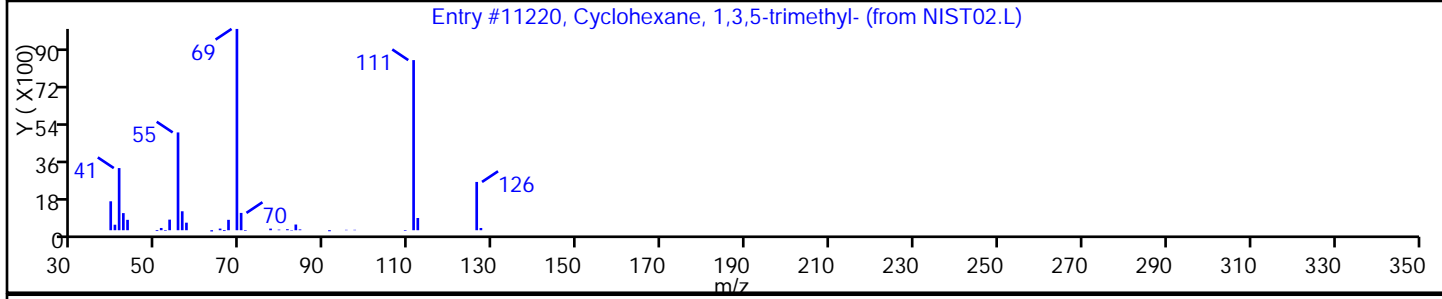
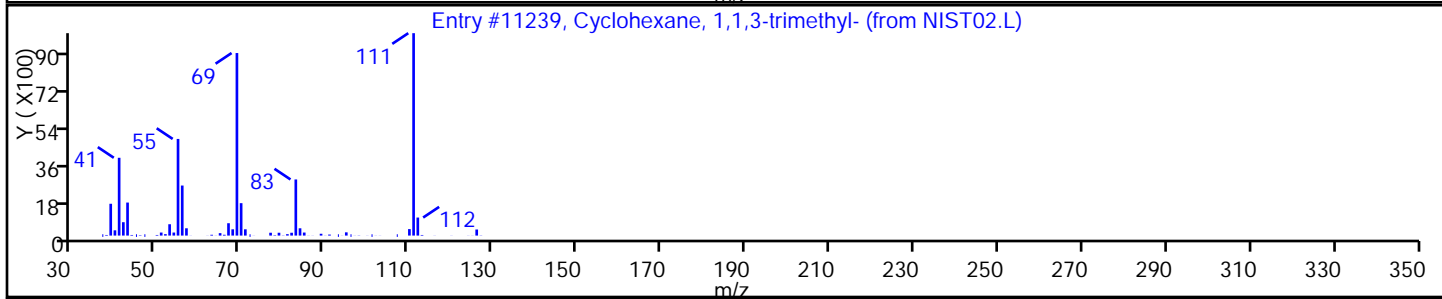
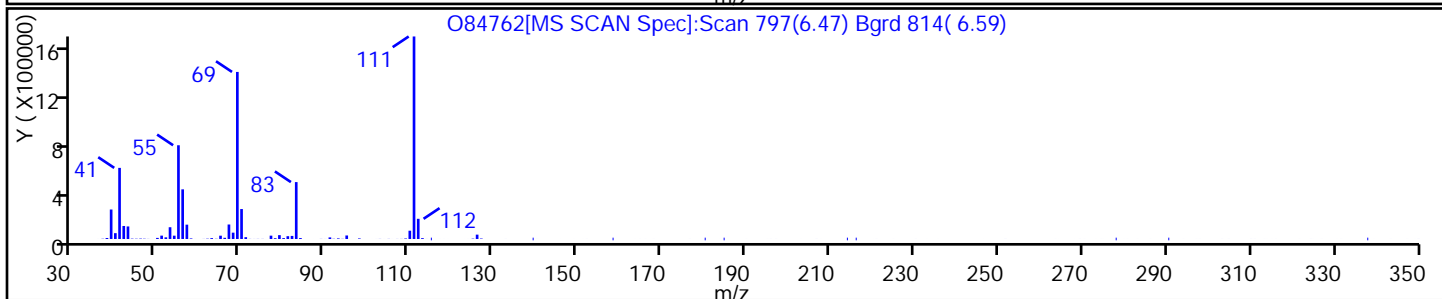
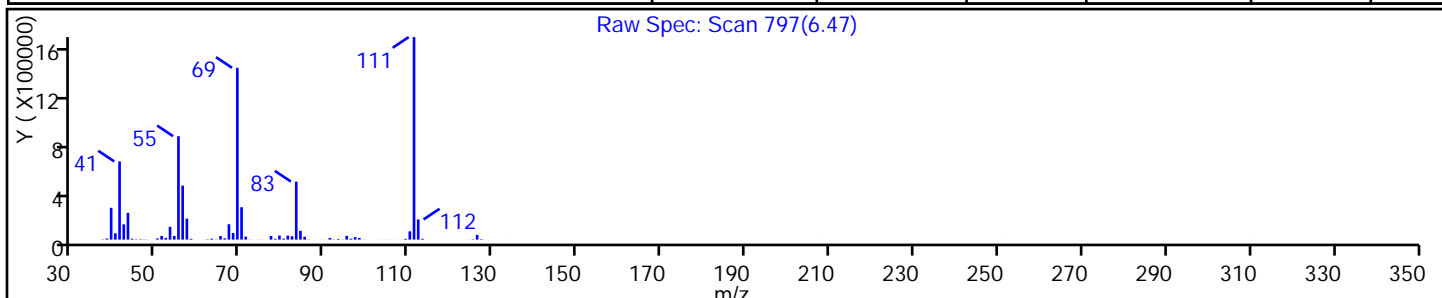
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,1,3-trimethyl-	3073-66-3	NIST02.L	11239	C9H18	126	94
Cyclohexane, 1,3,5-trimethyl-	1839-63-0	NIST02.L	11220	C9H18	126	72
Cyclooctane, (1-methylpropyl)-	16538-89-9	NIST02.L	34817	C12H24	168	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

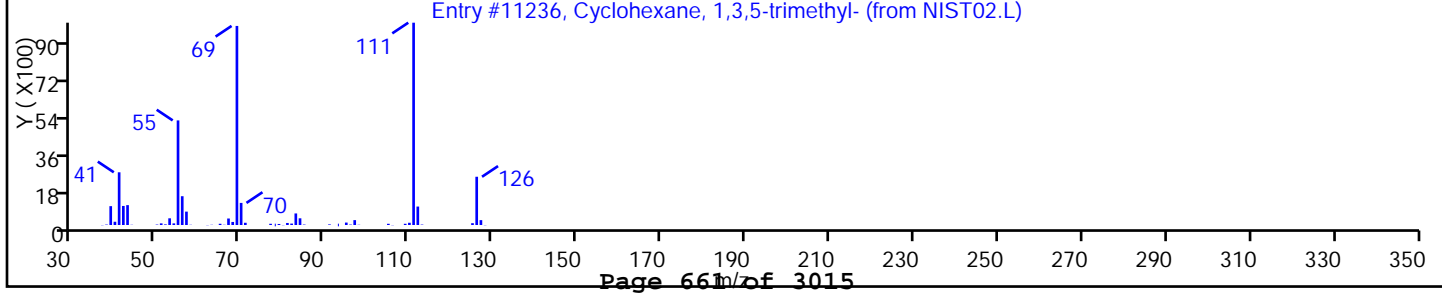
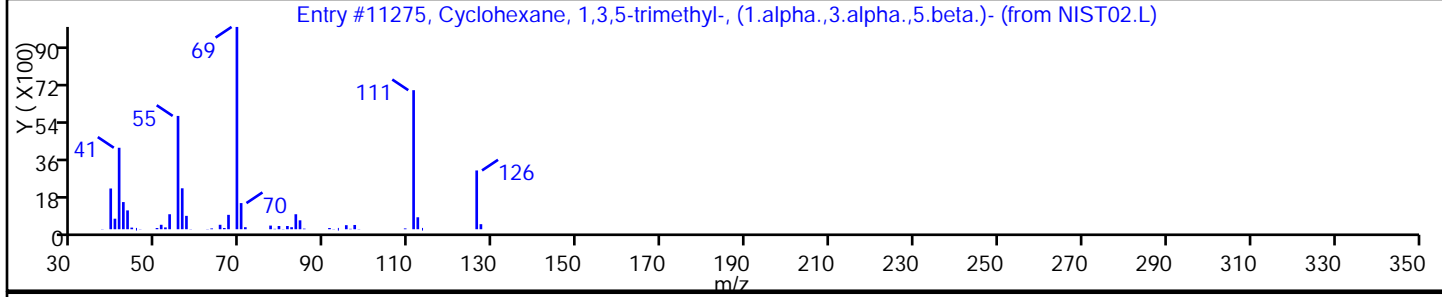
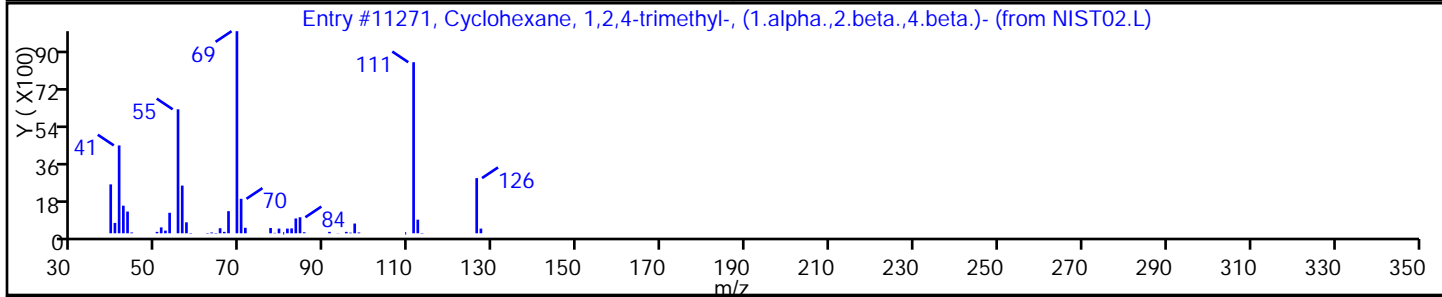
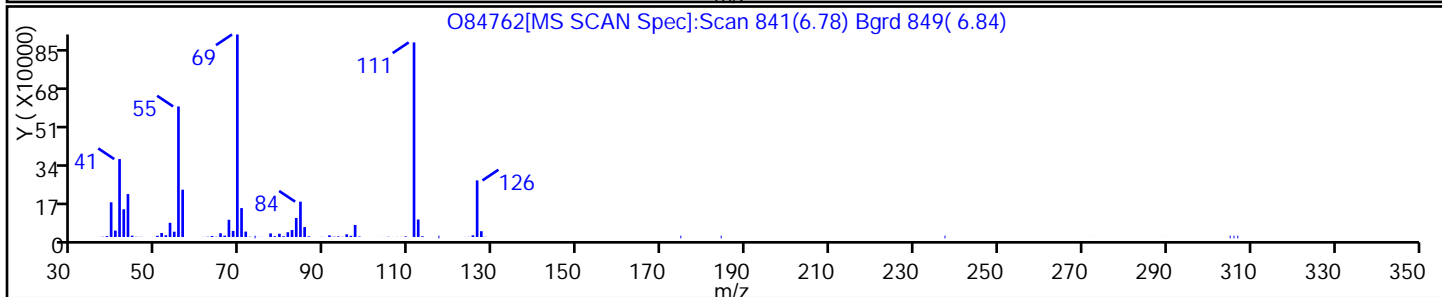
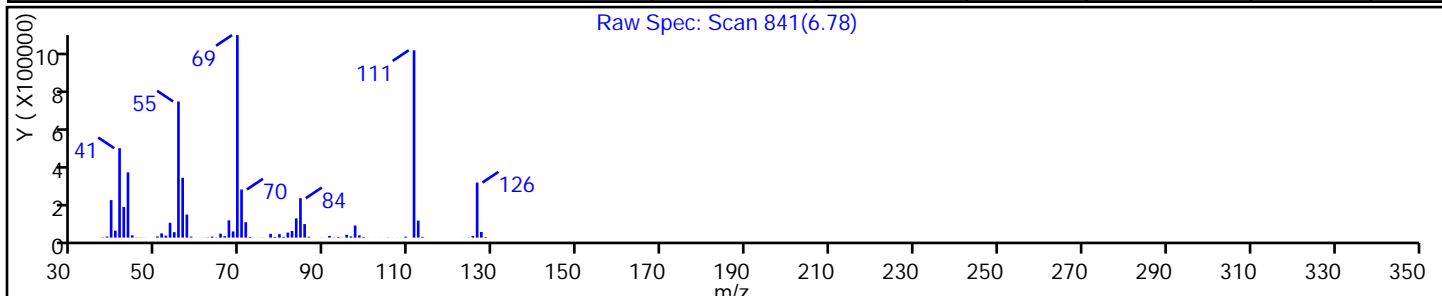
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	7667-60-9	NIST02.L	11271	C9H18	126	93
Cyclohexane, 1,3,5-trimethyl-, (1.alpha.	1795-26-2	NIST02.L	11275	C9H18	126	91
Cyclohexane, 1,3,5-trimethyl-	1839-63-0	NIST02.L	11236	C9H18	126	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

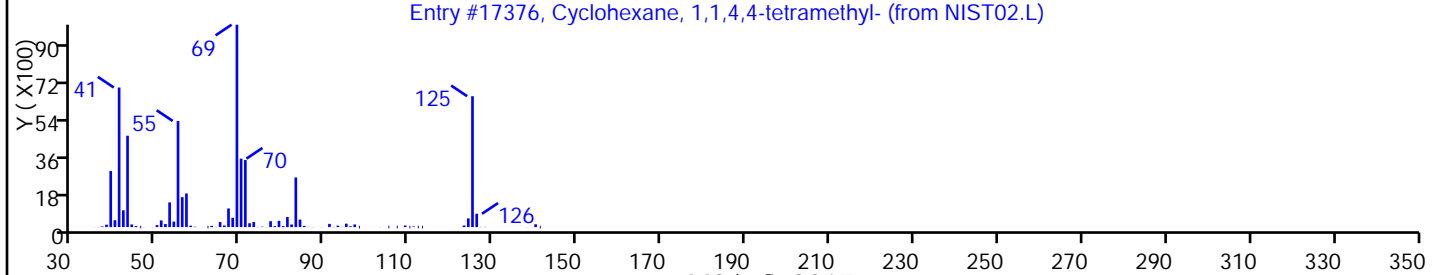
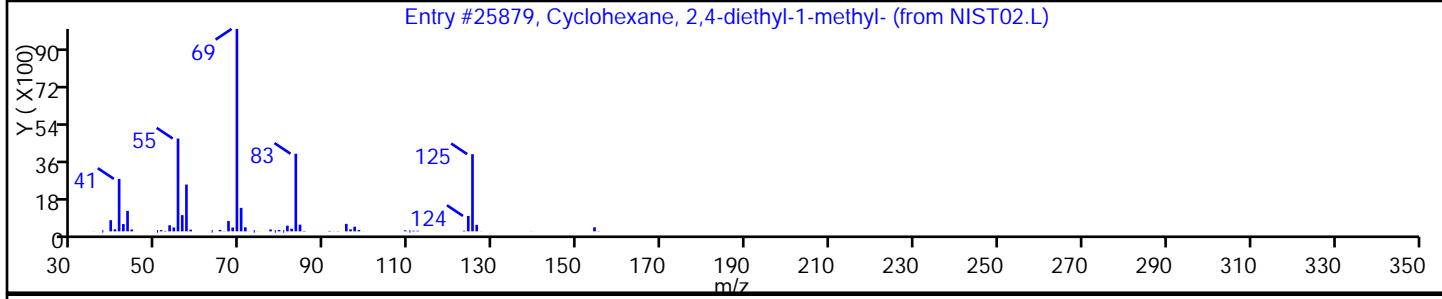
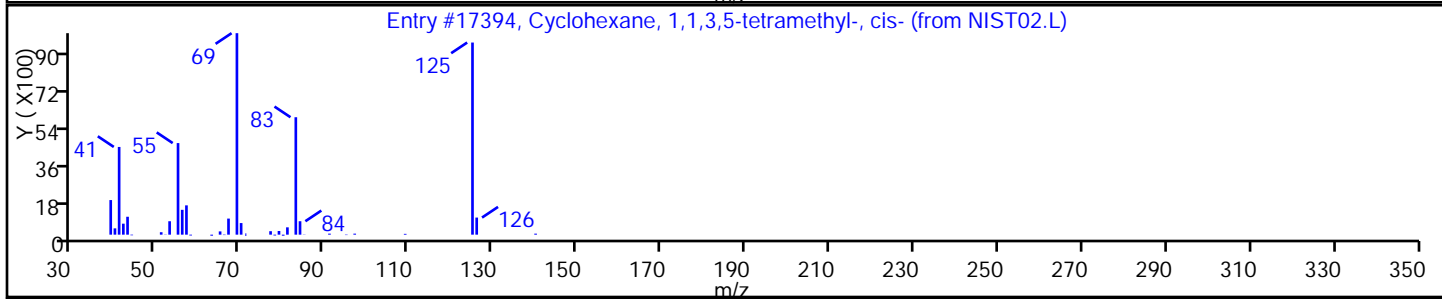
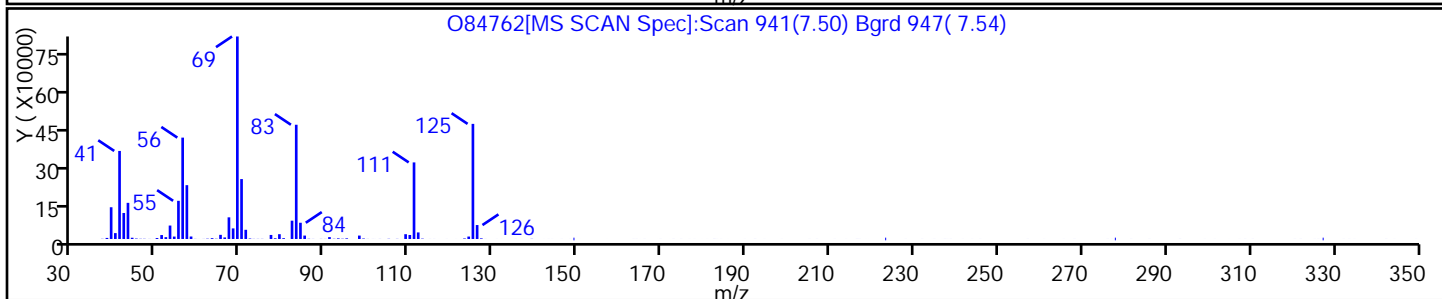
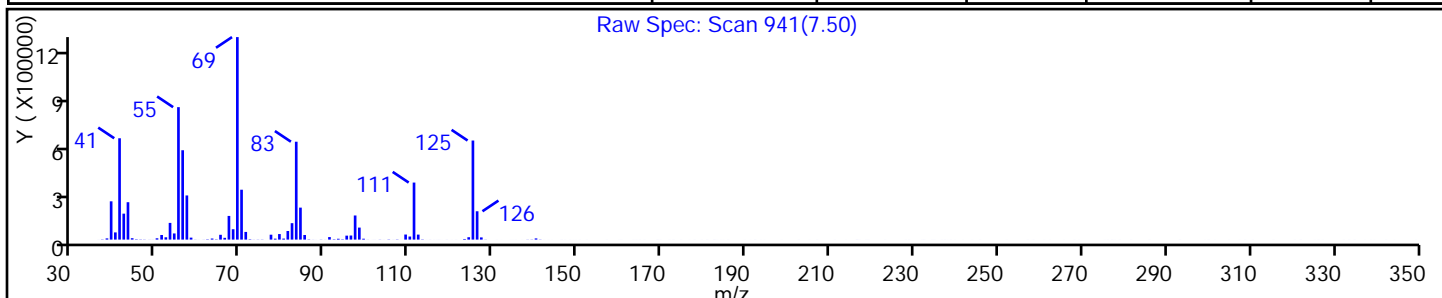
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,1,3,5-tetramethyl-, cis-	50876-32-9	NIST02.L	17394	C10H20	140	53
Cyclohexane, 2,4-diethyl-1-methyl-	61142-70-9	NIST02.L	25879	C11H22	154	53
Cyclohexane, 1,1,4,4-tetramethyl-	2223-52-1	NIST02.L	17376	C10H20	140	50



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

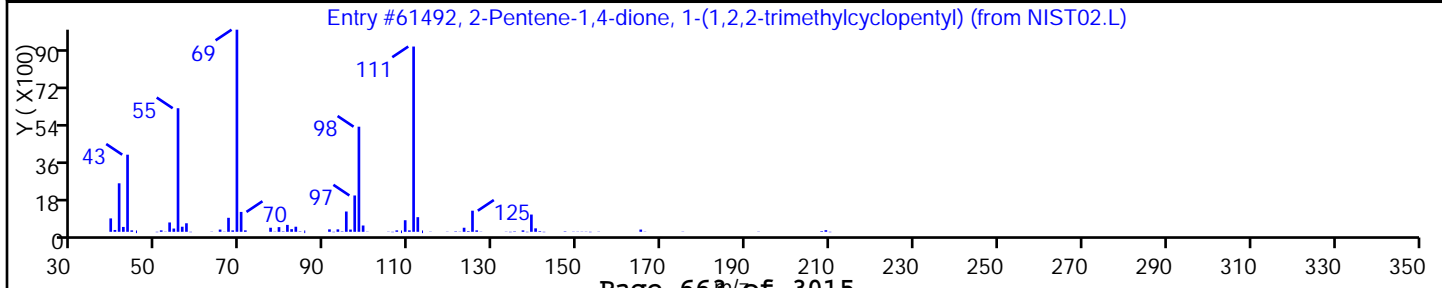
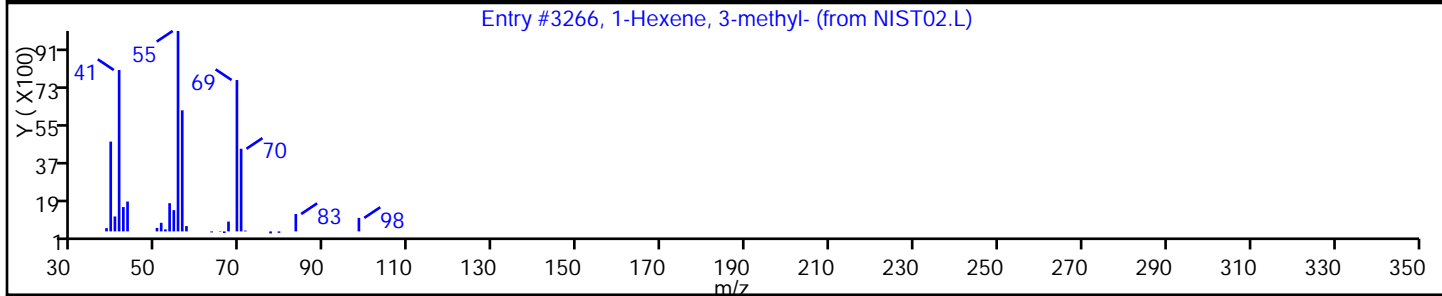
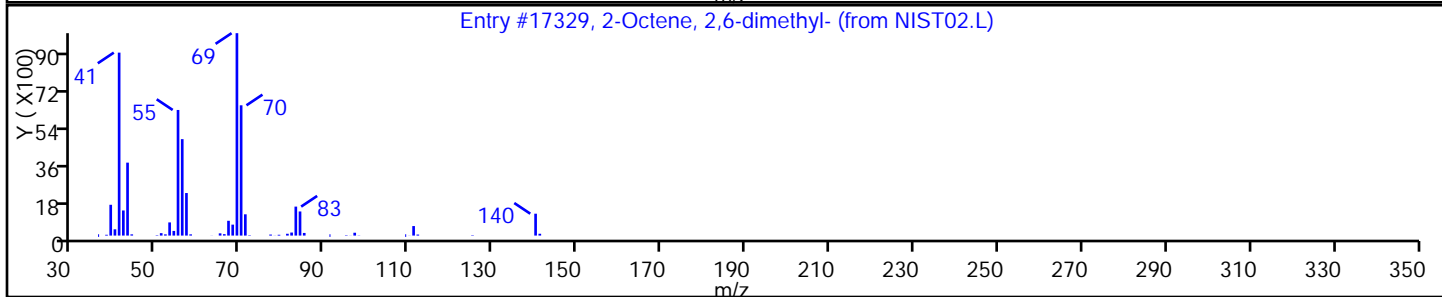
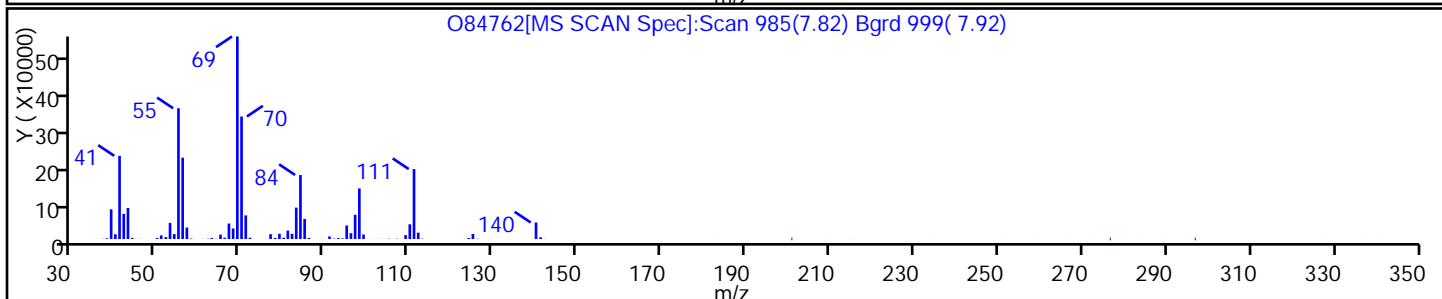
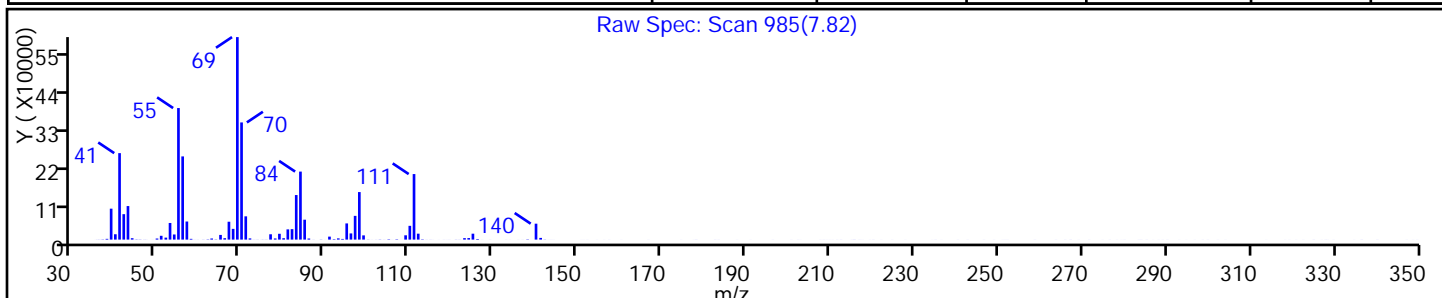
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.L	17329	C10H20	140	70
1-Hexene, 3-methyl-	3404-61-3	NIST02.L	3266	C7H14	98	62
2-Pentene-1,4-dione, 1-(1,2,2-trimethylcyclopentyl)	1000196-77	NIST02.L	61492	C13H20O2	208	50



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

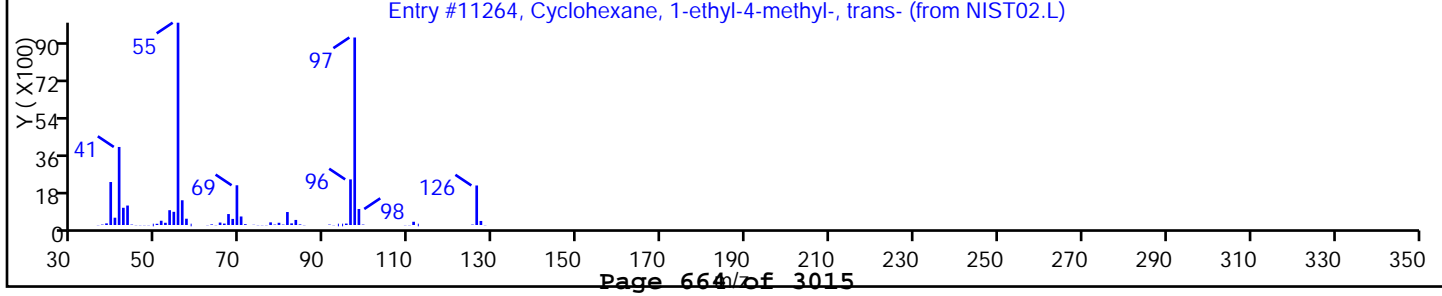
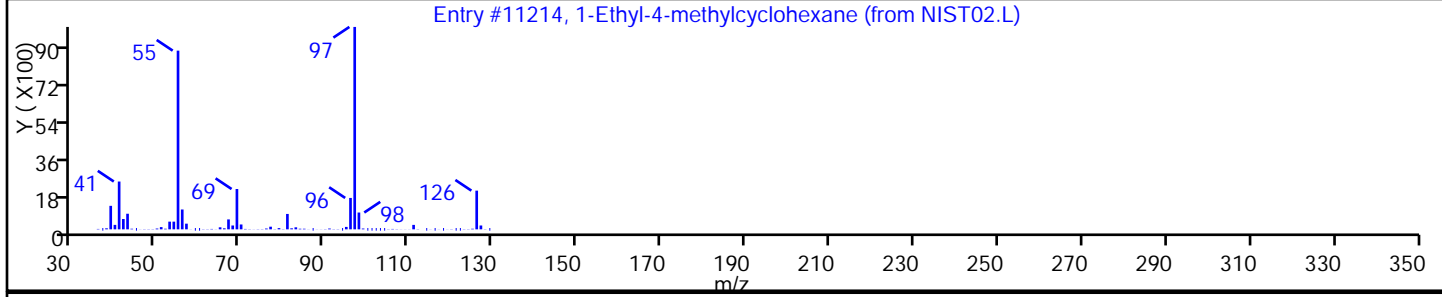
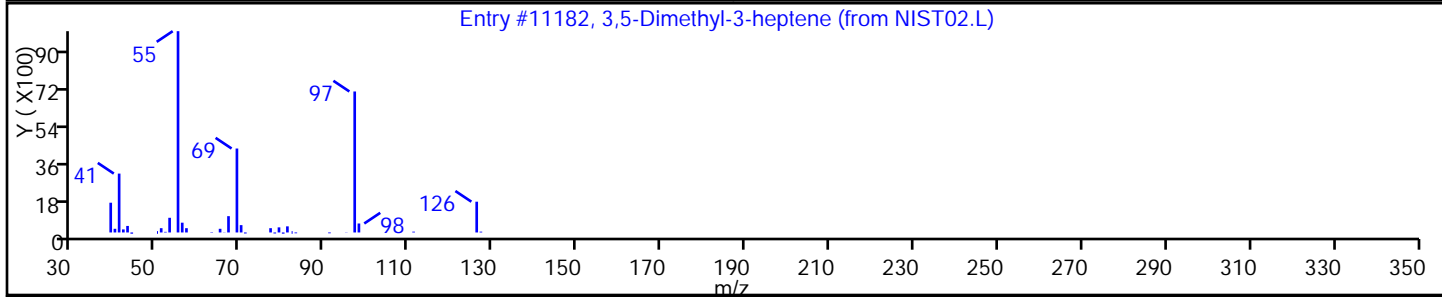
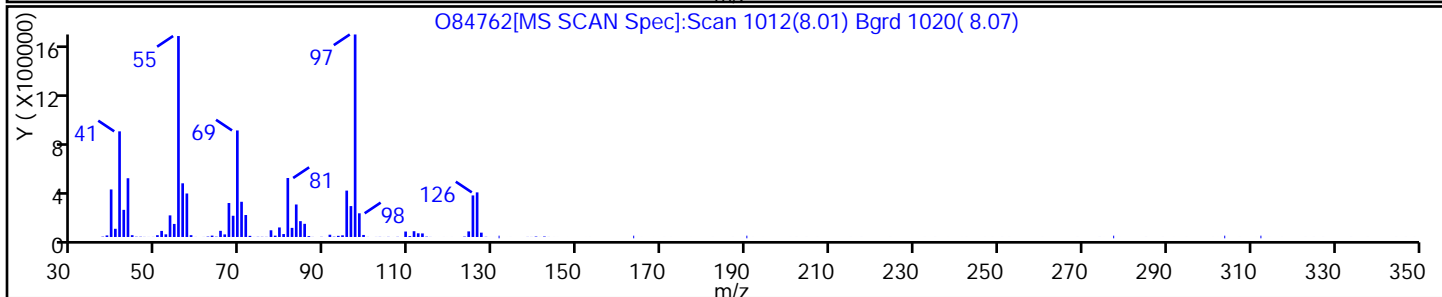
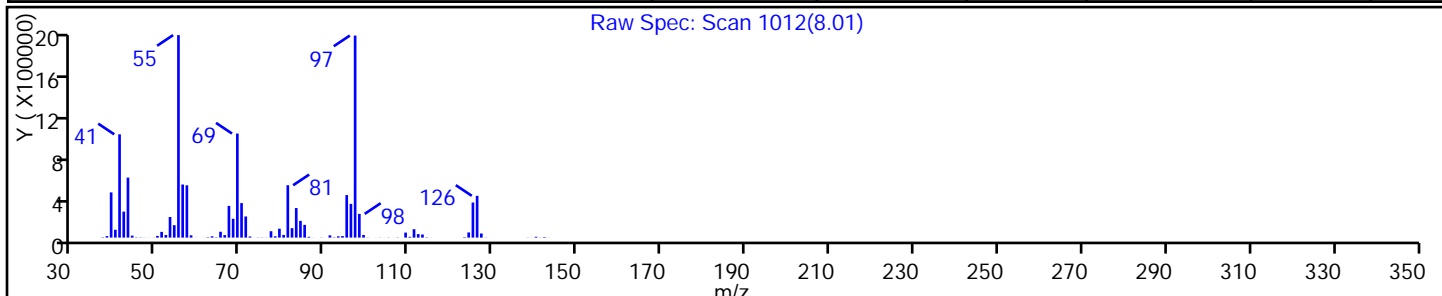
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3,5-Dimethyl-3-heptene	59643-68-4	NIST02.L	11182	C9H18	126	64
1-Ethyl-4-methylcyclohexane	3728-56-1	NIST02.L	11214	C9H18	126	58
Cyclohexane, 1-ethyl-4-methyl-, trans-	6236-88-0	NIST02.L	11264	C9H18	126	52



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

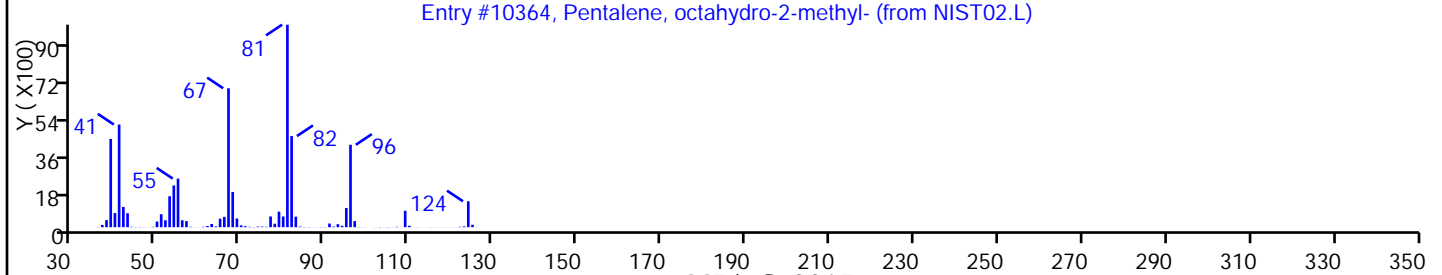
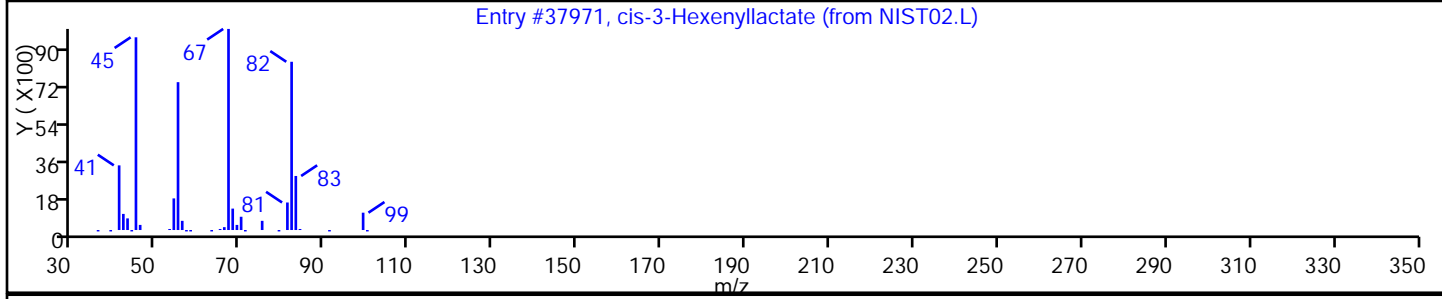
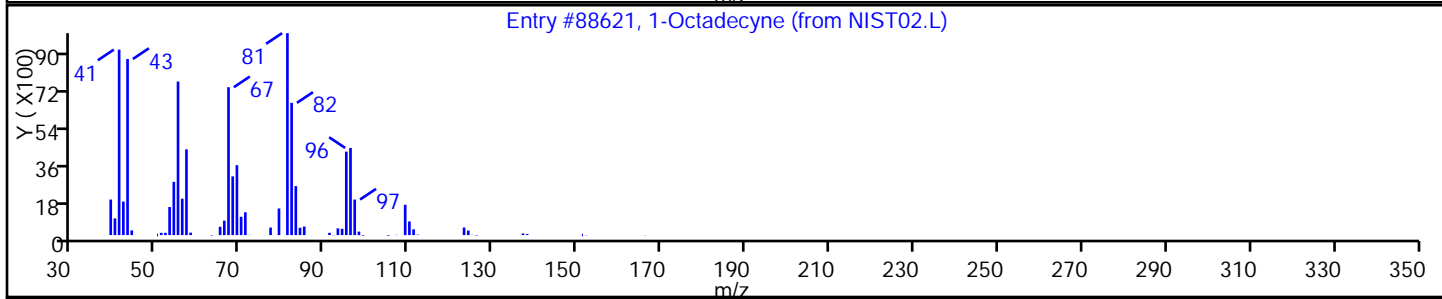
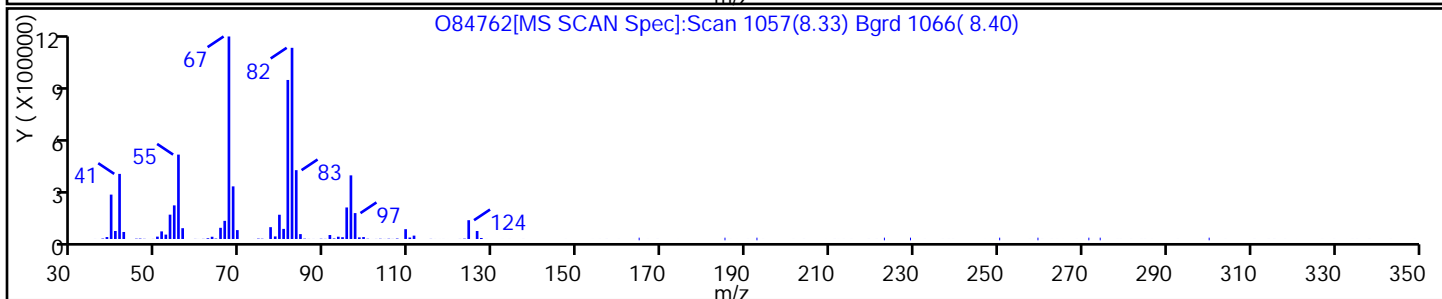
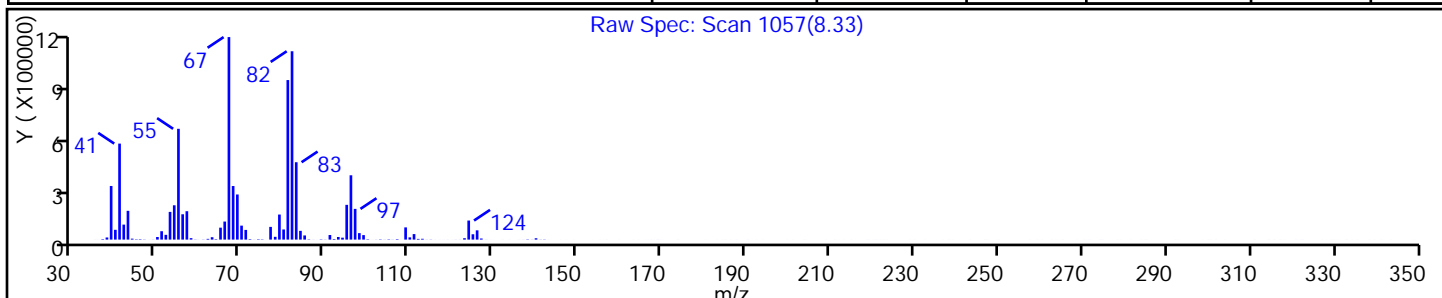
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Octadecyne	629-89-0	NIST02.L	88621	C18H34	250	50
cis-3-Hexenylactate	61931-81-5	NIST02.L	37971	C9H16O3	172	47
Pentalene, octahydro-2-methyl-	3868-64-2	NIST02.L	10364	C9H16	124	46



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

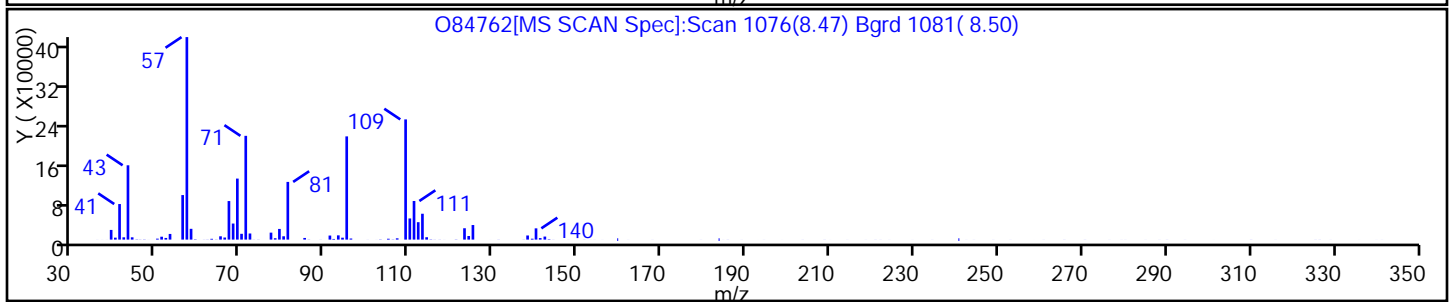
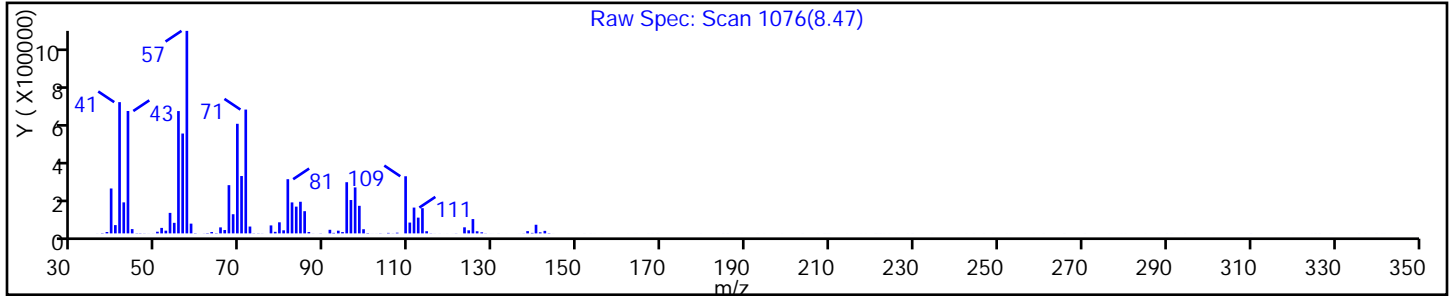
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

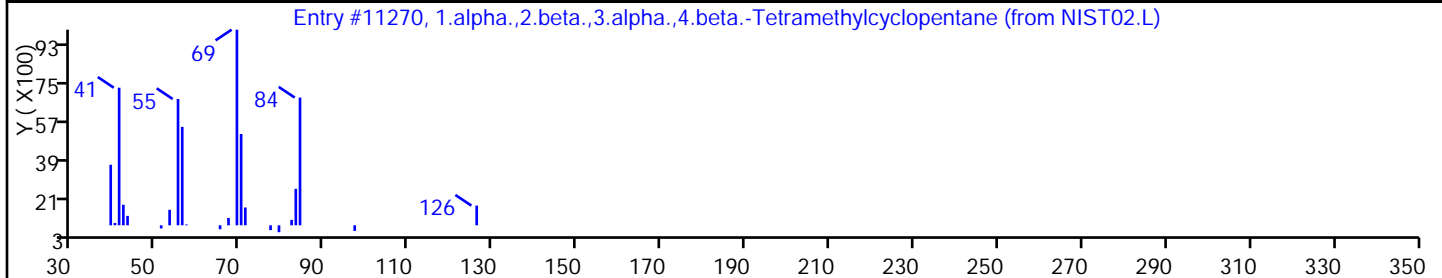
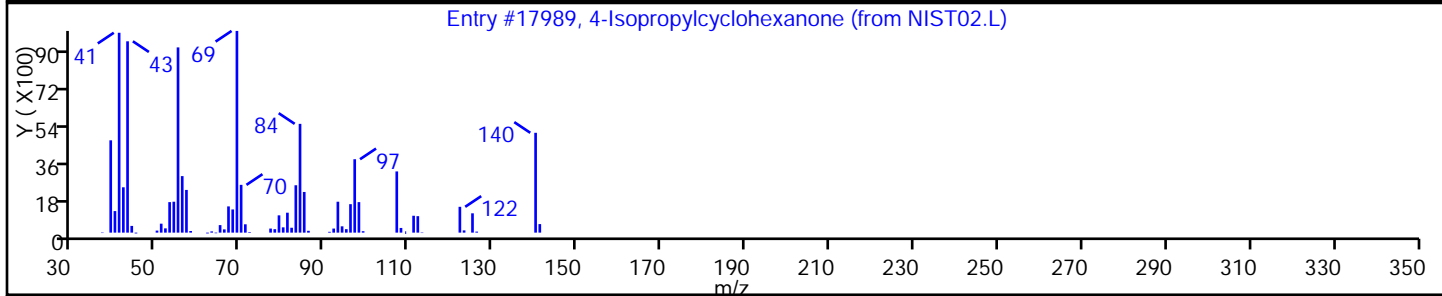
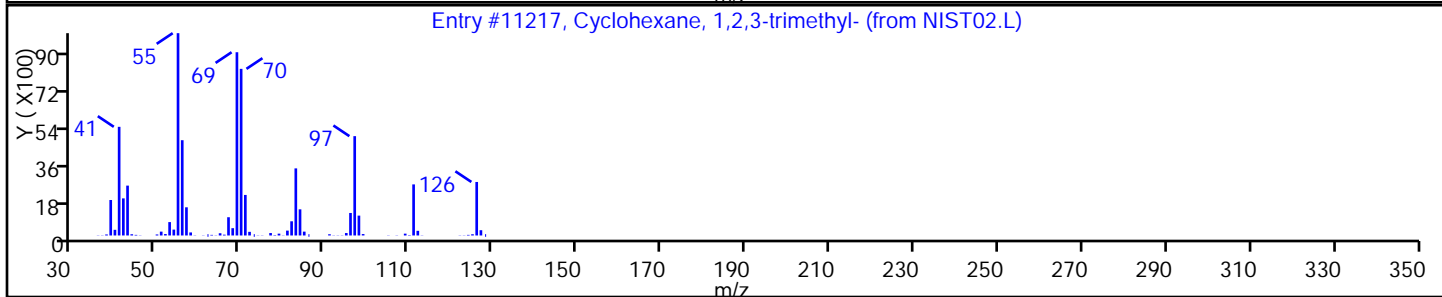
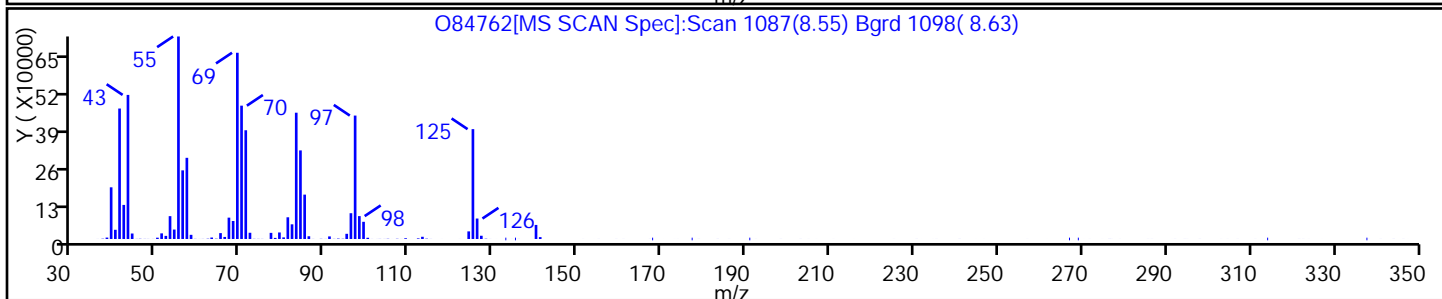
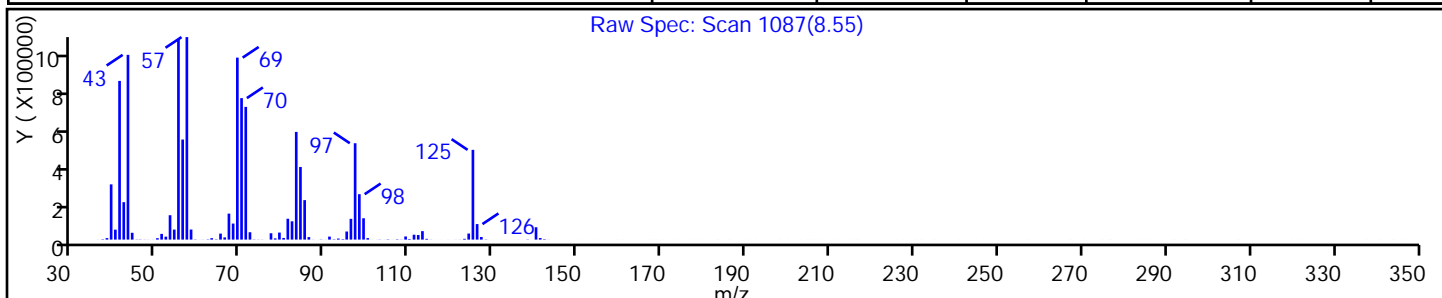
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,2,3-trimethyl-	1678-97-3	NIST02.L	11217	C9H18	126	49
4-Isopropylcyclohexanone	5432-85-9	NIST02.L	17989	C9H16O	140	49
1.alpha.,2.beta.,3.alpha.,4.beta.-Tetram	2532-67-4	NIST02.L	11270	C9H18	126	41



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

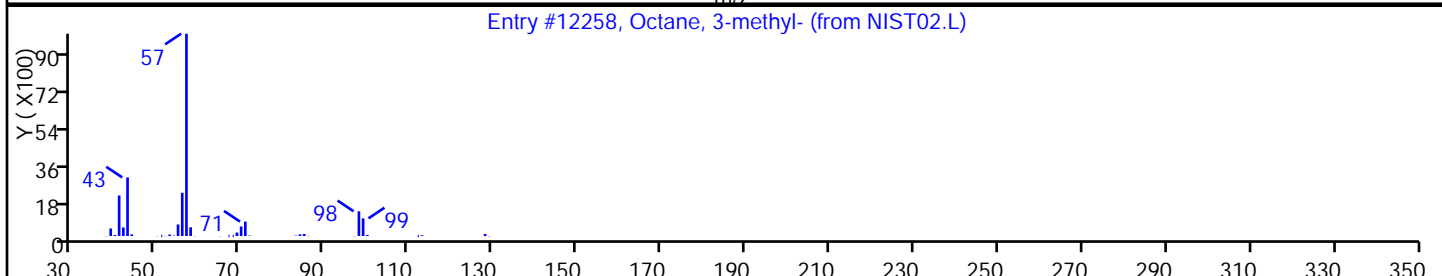
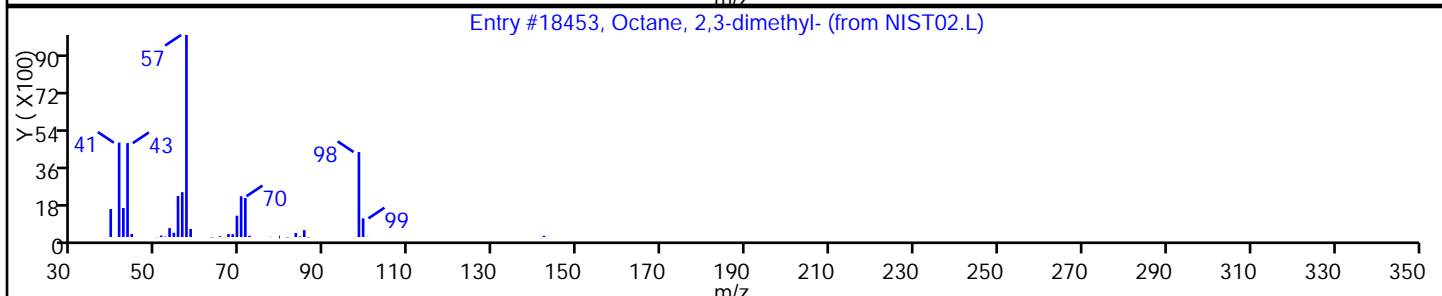
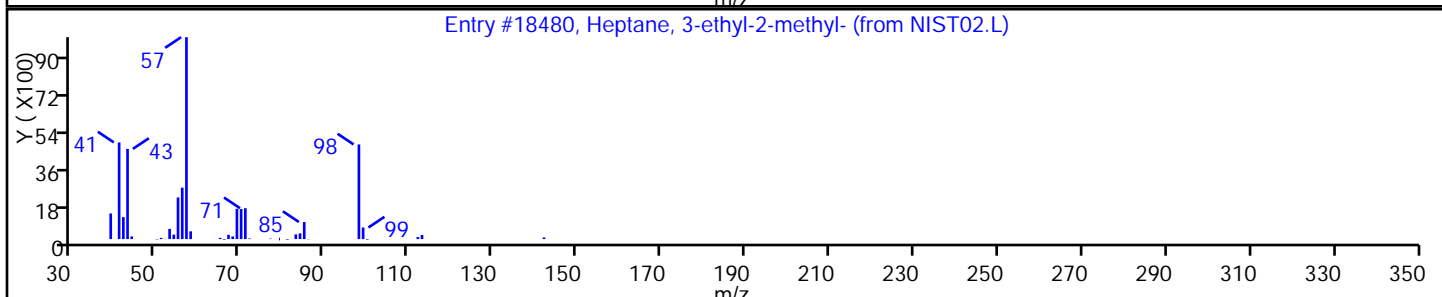
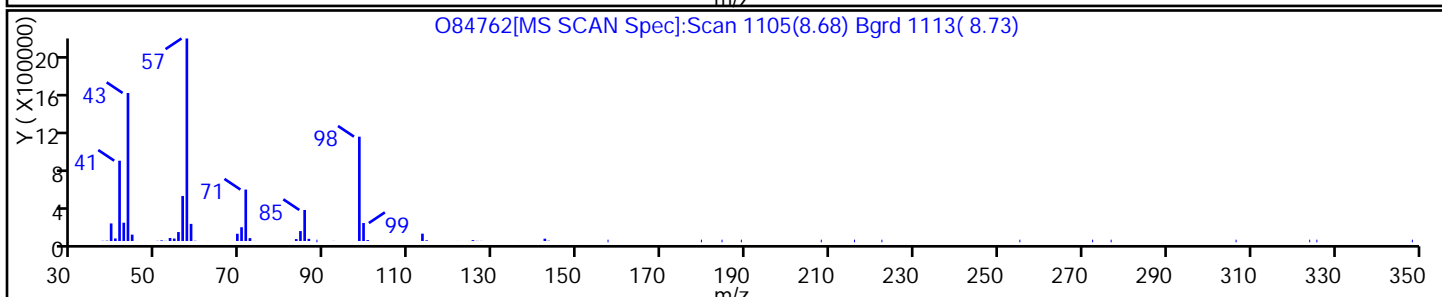
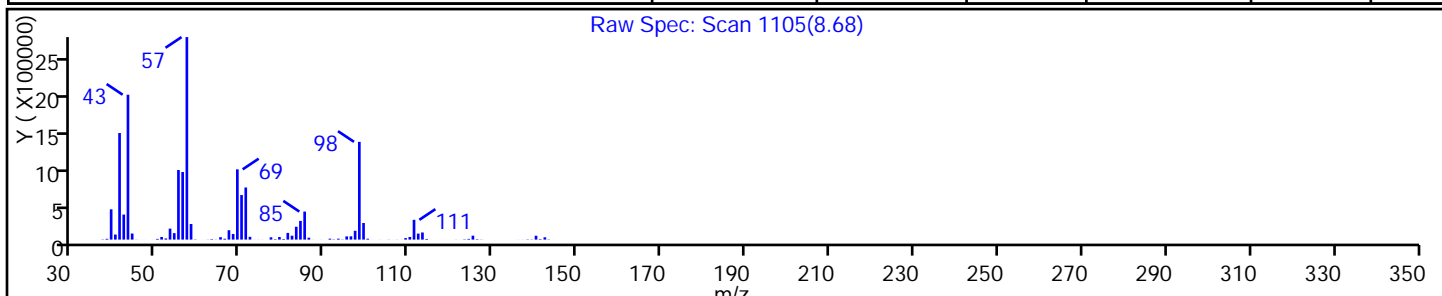
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.L	18480	C10H22	142	87
Octane, 2,3-dimethyl-	7146-60-3	NIST02.L	18453	C10H22	142	72
Octane, 3-methyl-	2216-33-3	NIST02.L	12258	C9H20	128	43



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84762.D

Injection Date: 13-Mar-2014 23:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

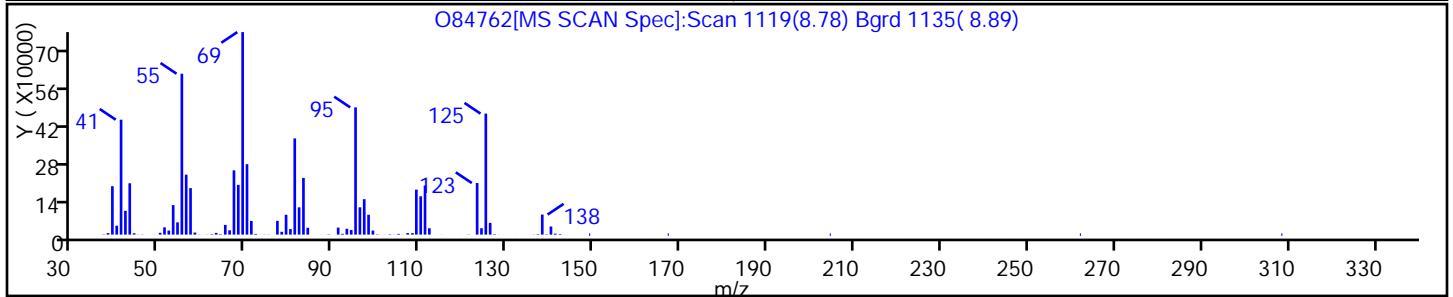
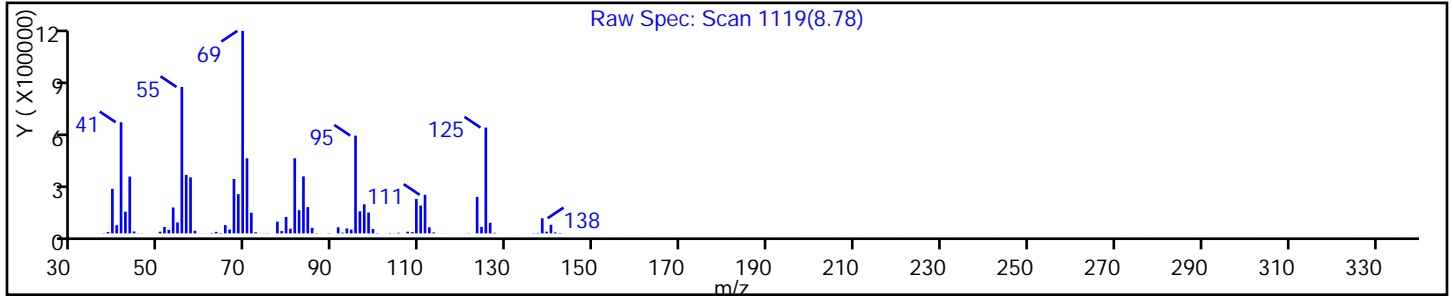
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: O84781.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:40
 Sample wt/vol: 5.75(g) Date Analyzed: 03/14/2014 07:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.3 Level: (low/med) Low
 Analysis Batch No.: 212542 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	0.33	U	1.0	0.33
75-09-2	Methylene Chloride	0.42	J	1.0	0.15
67-64-1	Acetone	8.7	B	5.1	1.7
75-15-0	Carbon disulfide	0.22	J	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	0.78	J	1.0	0.24
78-93-3	2-Butanone	0.64	U	5.1	0.64
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	5.1	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	0.32	U	5.1	0.32
123-91-1	1,4-Dioxane	13	U	20	13
79-01-6	Trichloroethene	0.14	J	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	5.1	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: O84781.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:40
 Sample wt/vol: 5.75(g) Date Analyzed: 03/14/2014 07:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 14.3 Level: (low/med) Low
 Analysis Batch No.: 212542 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	1.0		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	0.51	J	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	0.68	U	2.0	0.68
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.091	U	1.0	0.091
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)	88		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: O84781.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:40
 Sample wt/vol: 5.75(g) Date Analyzed: 03/14/2014 07:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.3 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 111.6

CAS NO.	COMPOUND NAME	RT	RESULT	Q
112-40-3	Dodecane	12.94	11	J N
6044-71-9	Dodecane, 6-methyl-	13.08	7.5	J N
4431-89-4	Cyclohexane, (cyclopentylmethyl)-	13.43	11	J N
26730-14-3	Tridecane, 7-methyl-	13.60	13	J N
629-50-5	Tridecane	13.81	15	J N
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl	13.91	8.9	J N
74645-98-0	Dodecane, 2,7,10-trimethyl-	14.38	8.7	J N
629-59-4	Tetradecane	14.52	17	J N
646-31-1	Tetracosane	14.92	8.5	J N
629-62-9	Pentadecane	15.14	11	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D
 Lims ID: 460-72180-B-9-A Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 07:58:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-9-A
 Misc. Info.: 460-0010850-009
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:52:56 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:52:56

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.585	-0.001	80	12610	8.56	
21 Carbon disulfide	76	1.656	1.656	0.0	88	3046	0.2153	
25 Methylene Chloride	84	1.821	1.814	0.007	40	2020	0.4183	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	99	370349	1000.0	
47 Chloroform	83	2.902	2.895	0.007	92	6066	0.7722	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	141592	45.3	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	86	143335	44.1	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	772455	50.0	
61 Trichloroethene	95	3.941	3.934	0.007	14	663	0.1333	
* 150 1,4-Dioxane-d8	96	4.292	4.271	0.021	88	34806	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	100	666427	45.2	
* 87 Chlorobenzene-d5	117	7.121	7.122	-0.001	87	562398	50.0	
92 o-Xylene	106	8.124	8.117	0.007	66	1752	0.1938	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	84	187284	47.2	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	267129	50.0	
124 1,2,4-Trichlorobenzene	180	13.181	13.182	-0.001	72	6356	1.00	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	1	2922	0.5016	
S 131 Xylenes, Total	100				0		0.1938	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D
 Lims ID: 460-72180-B-9-A Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 07:58:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-9-A
 Misc. Info.: 460-0010850-009
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:52:56 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 09:52:56

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.938	366408	11.1	116	86	36159	C12H26	170	
13.081	242568	7.34	116	97	45556	C13H28	184	
13.425	370764	11.2	116	83	33317	C12H22	166	
13.597	431583	13.1	116	90	55019	C14H30	198	
13.812	482789	14.6	116	92	45540	C13H28	184	
13.905	290900	8.81	116	93	20757	C11H14	146	
14.378	283787	8.59	116	80	64587	C15H32	212	
14.521	542229	16.4	116	96	55009	C14H30	198	
14.922	276796	8.38	116	90	136481	C24H50	338	
15.137	365335	11.1	116	91	64571	C15H32	212	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	1651636	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Worklist Smp#: 9

Client ID: PMP-17SW-SI

Purge Vol: 5.000 mL

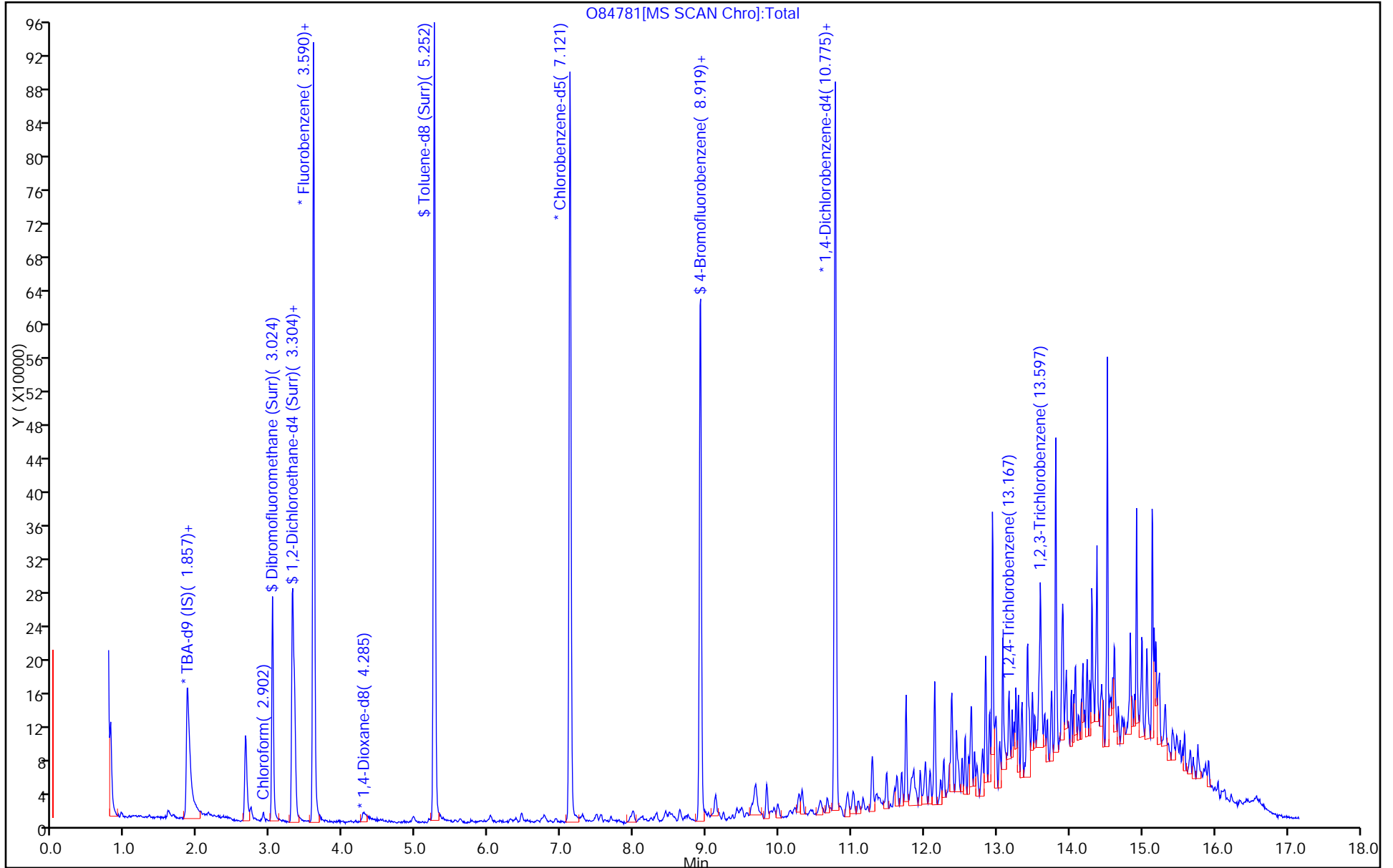
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

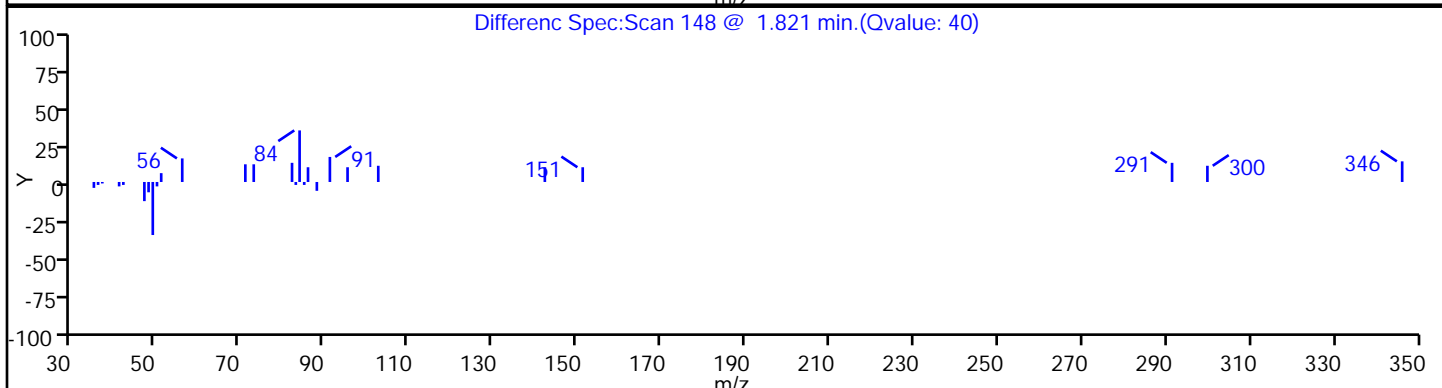
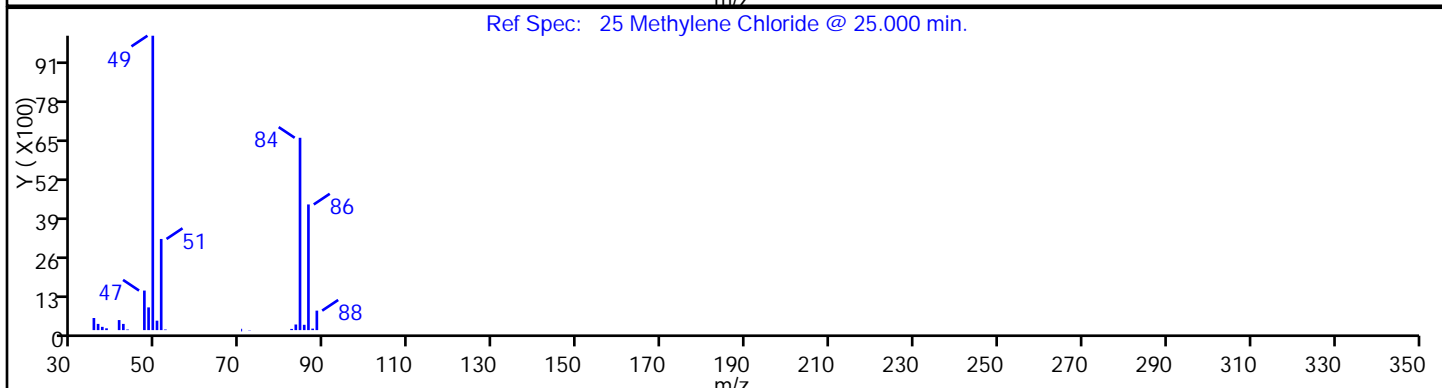
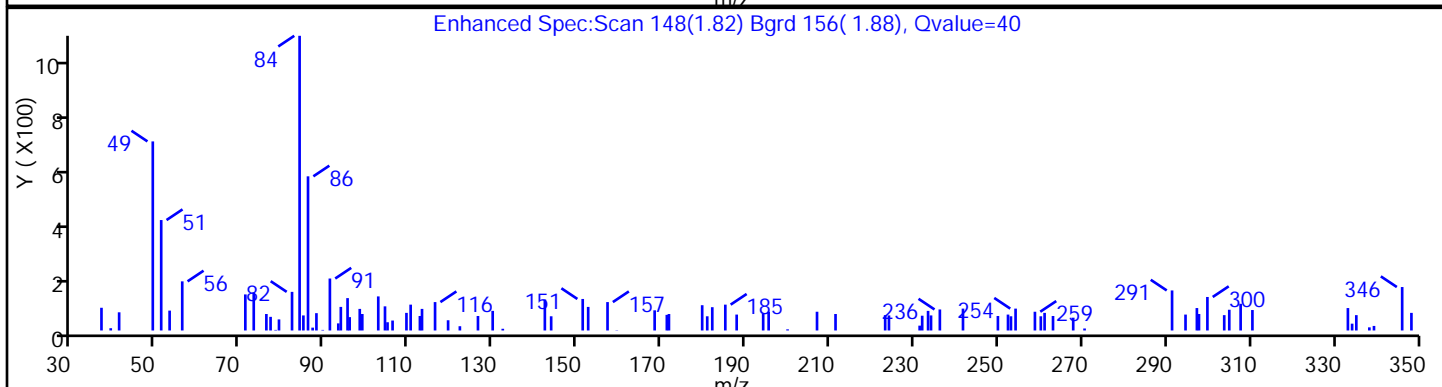
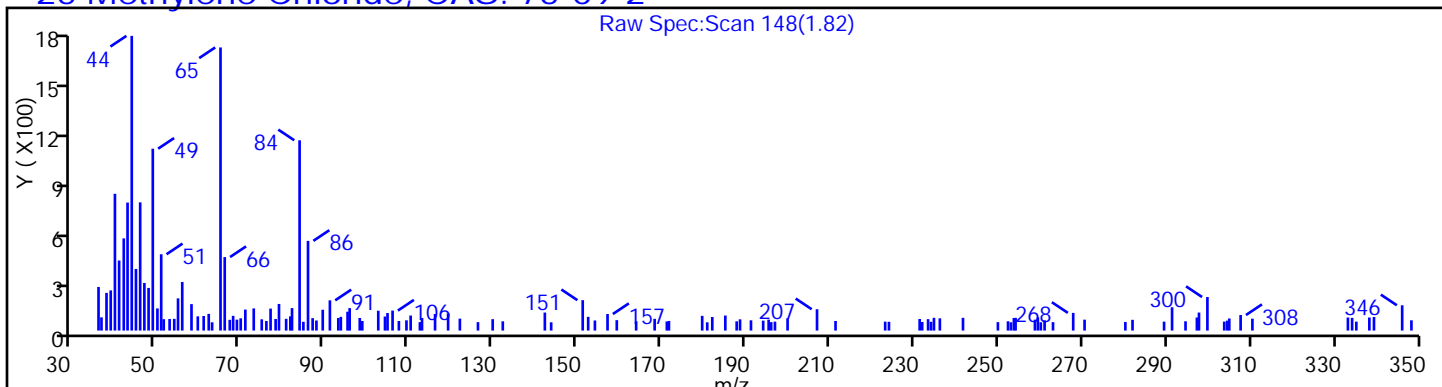
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

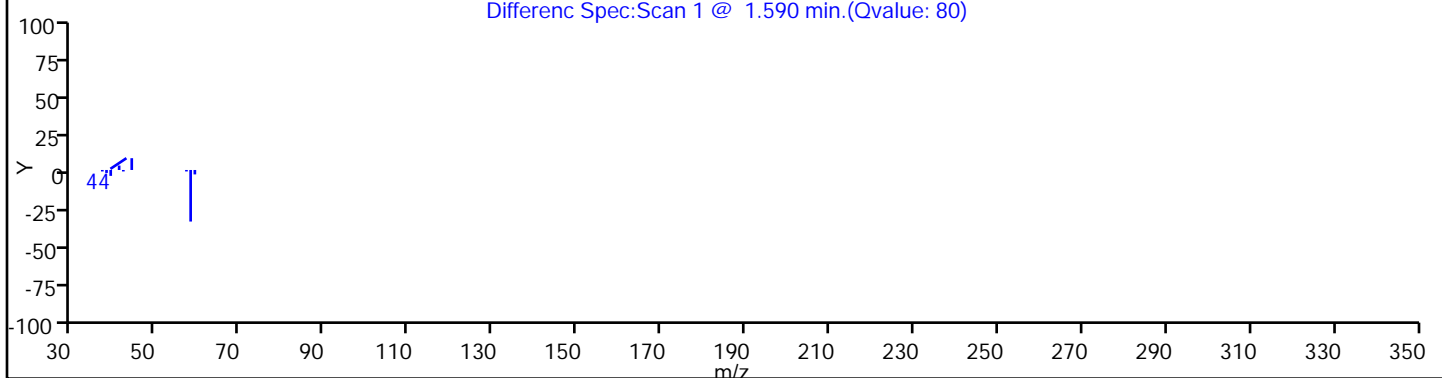
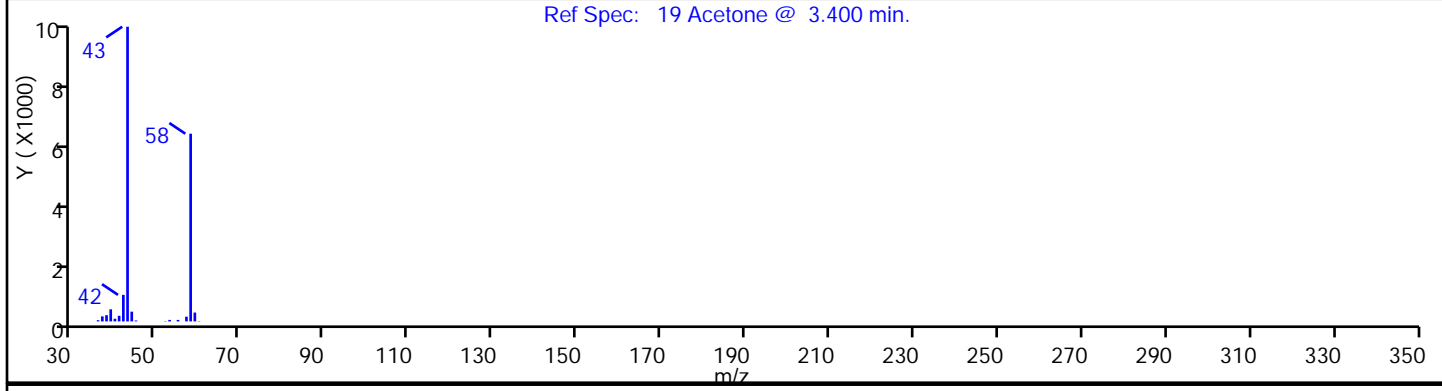
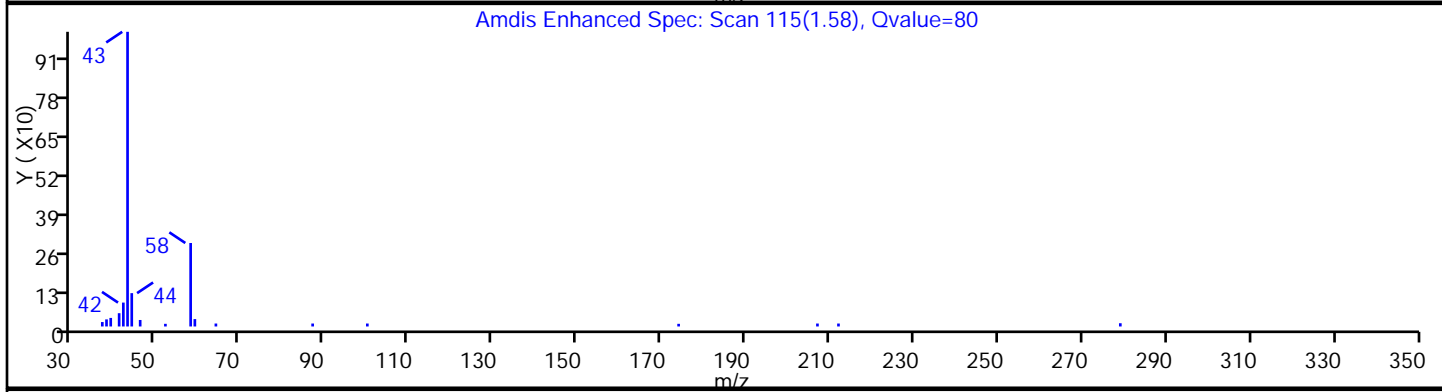
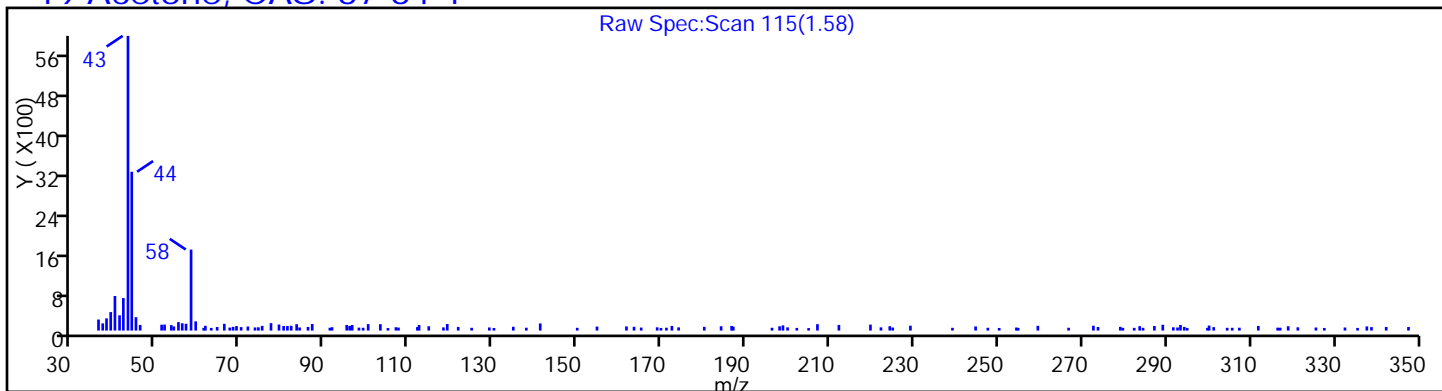
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

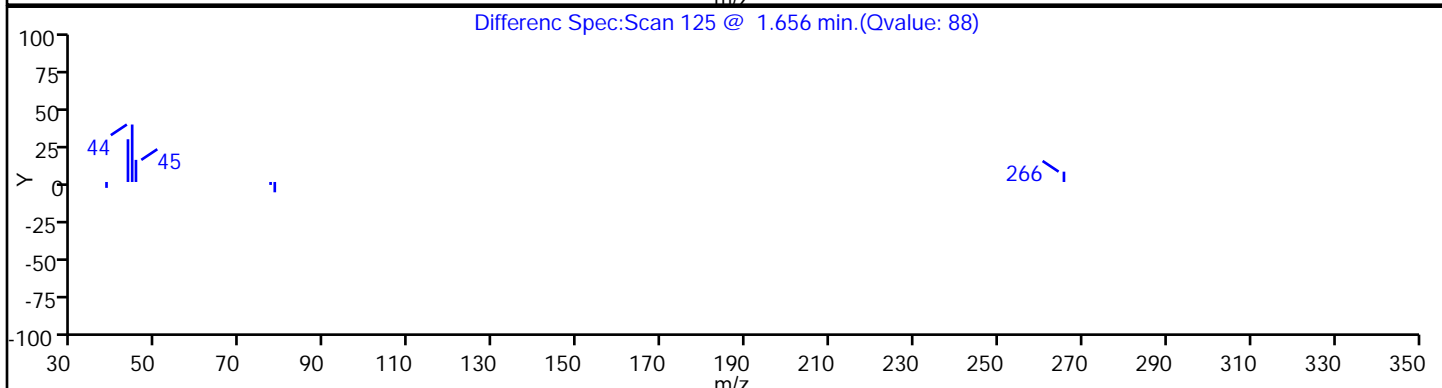
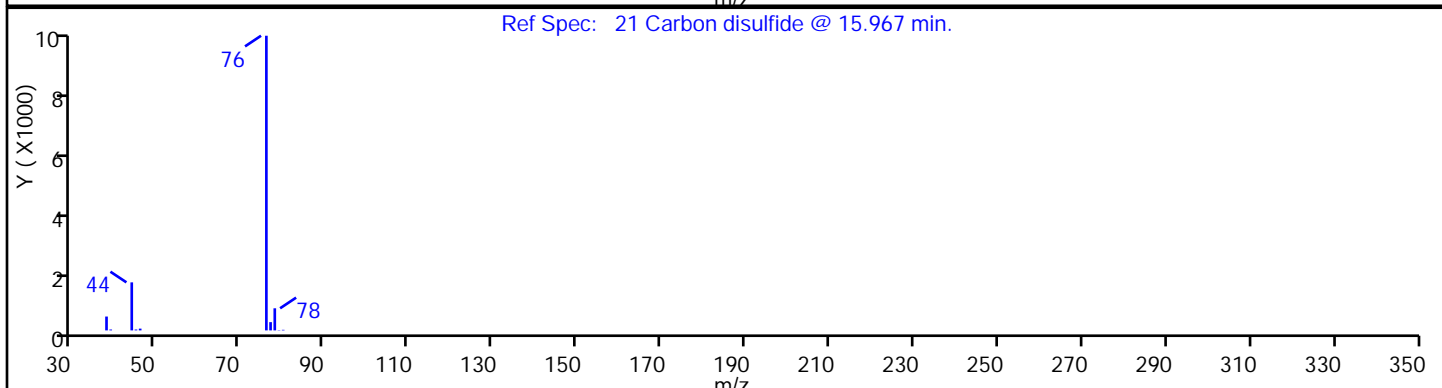
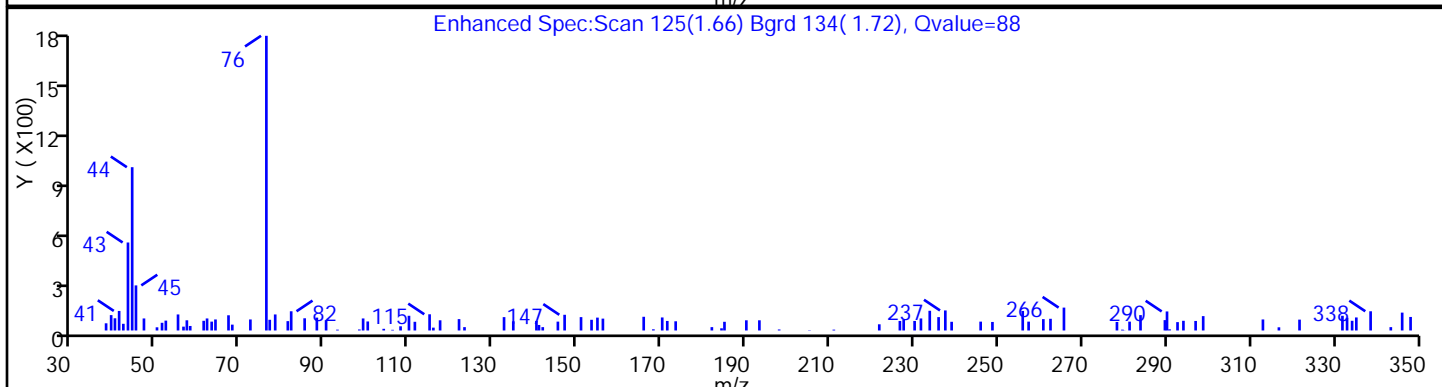
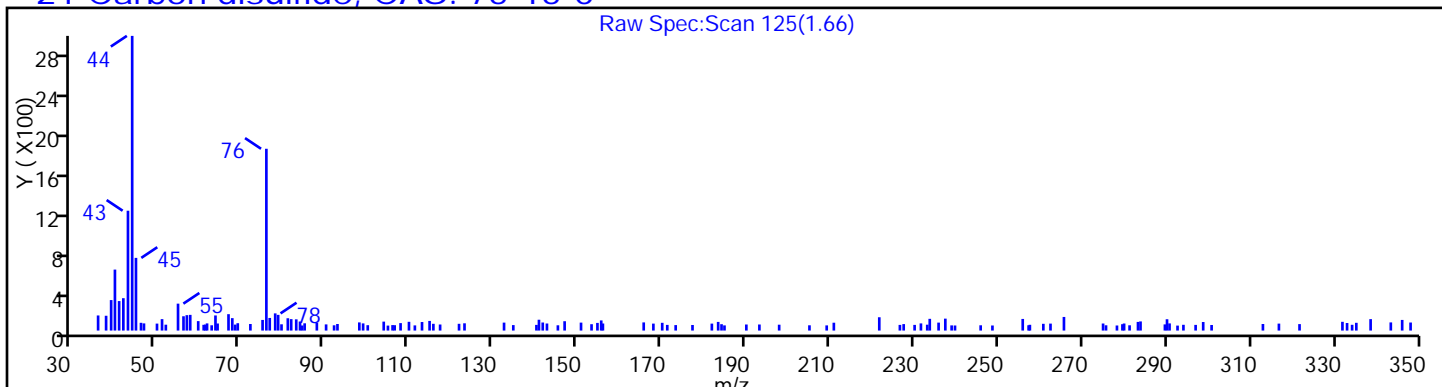
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

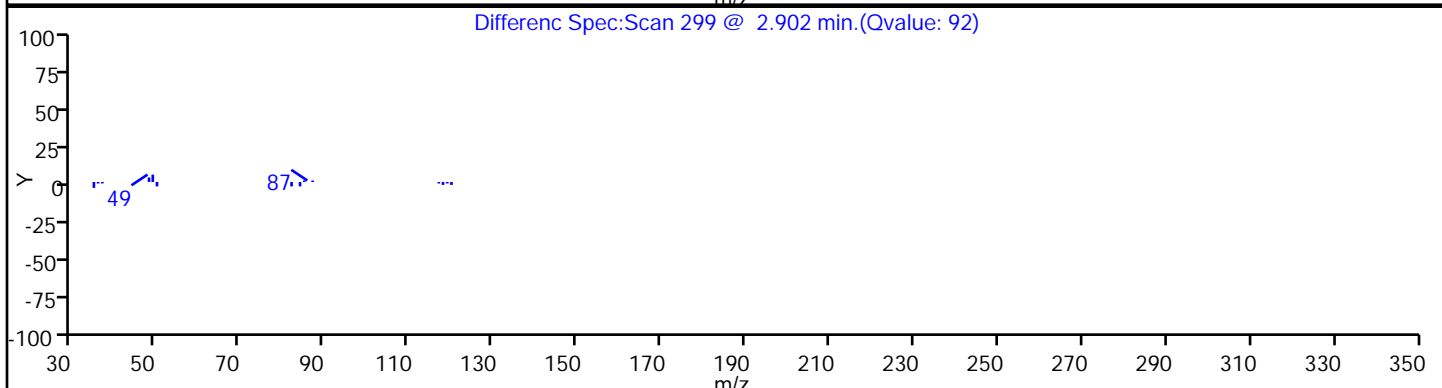
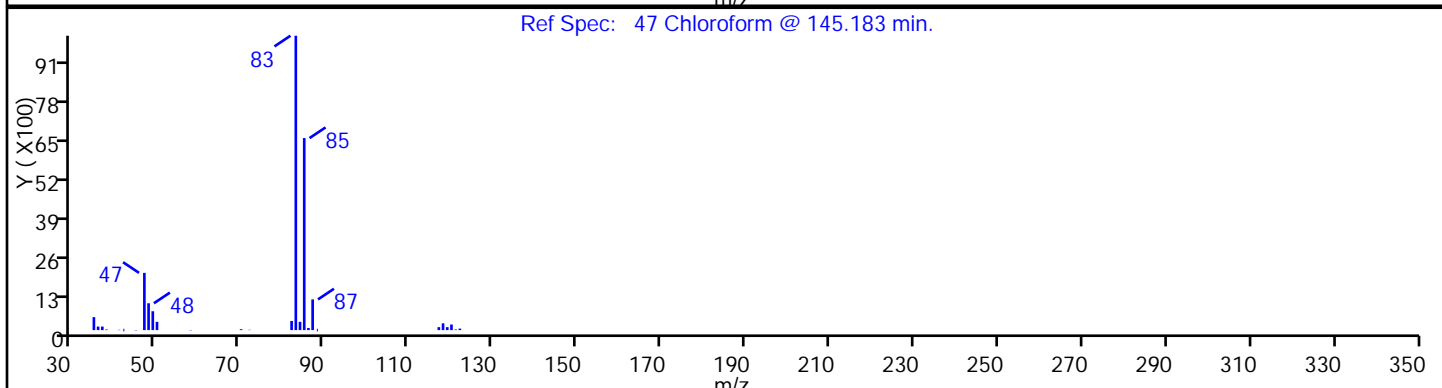
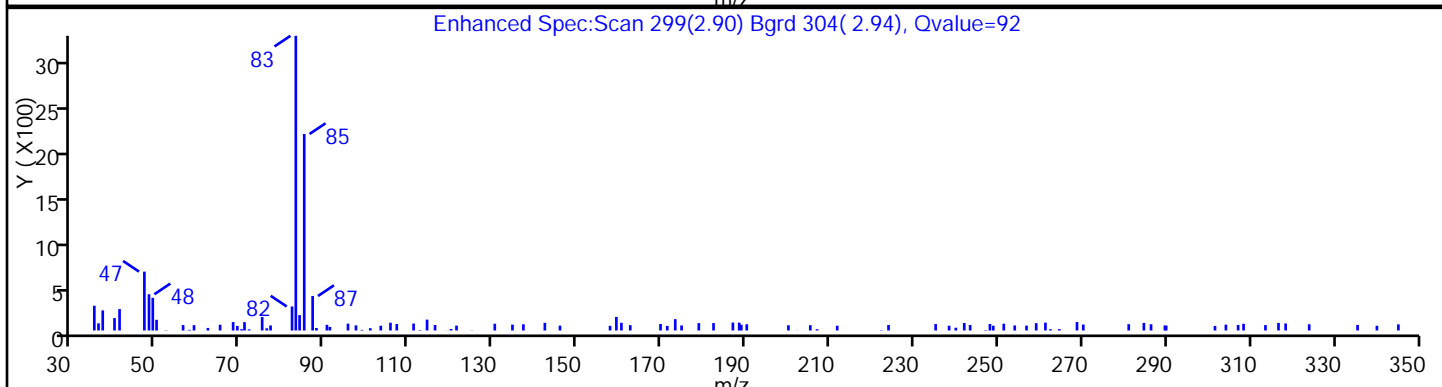
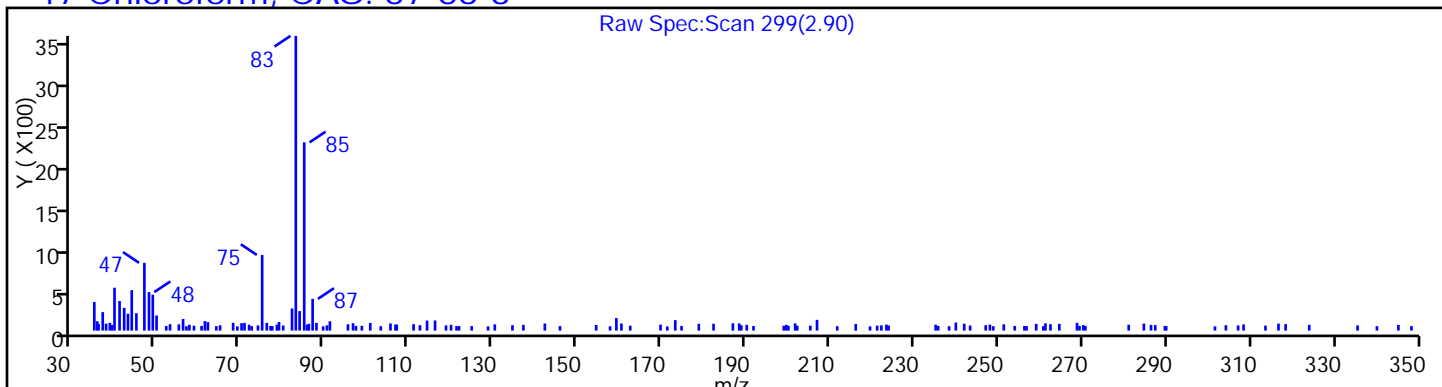
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

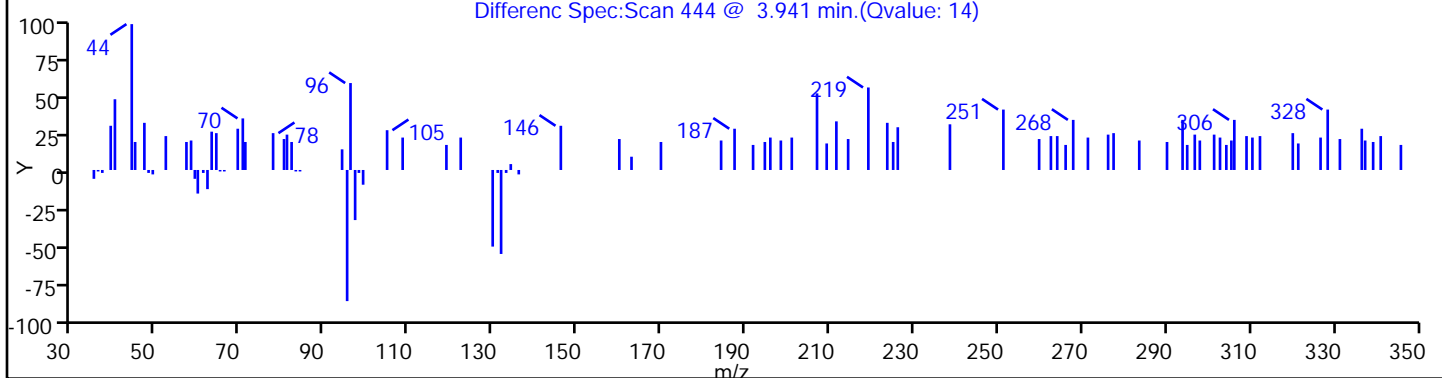
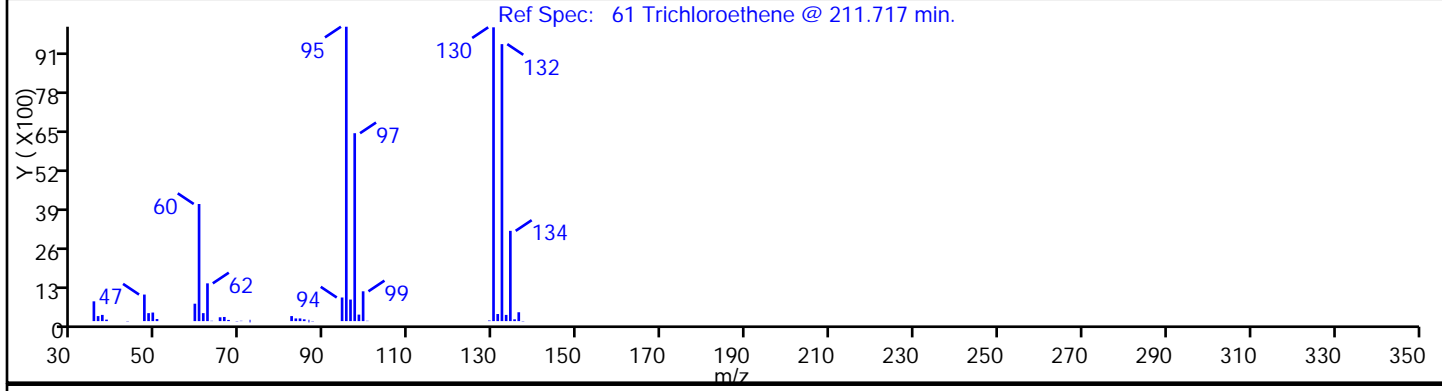
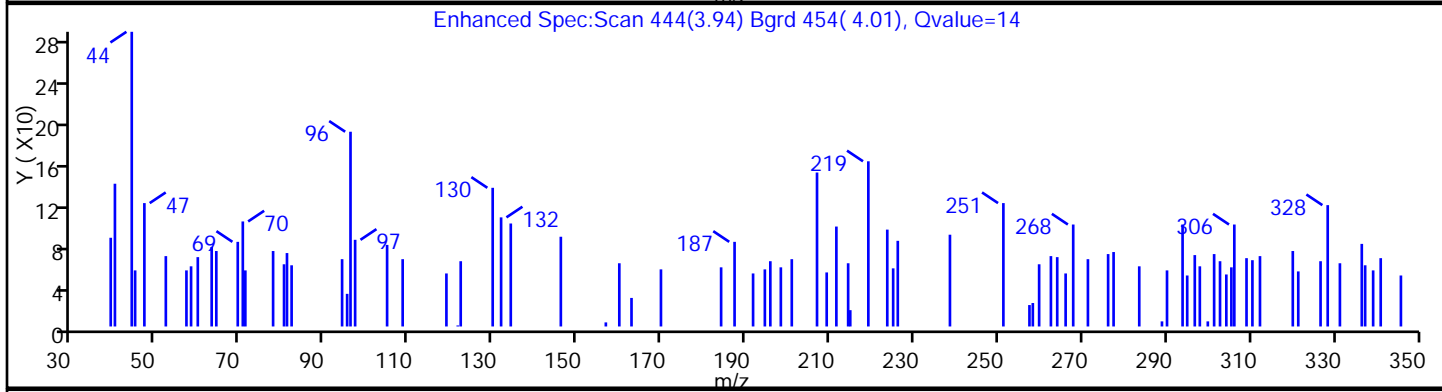
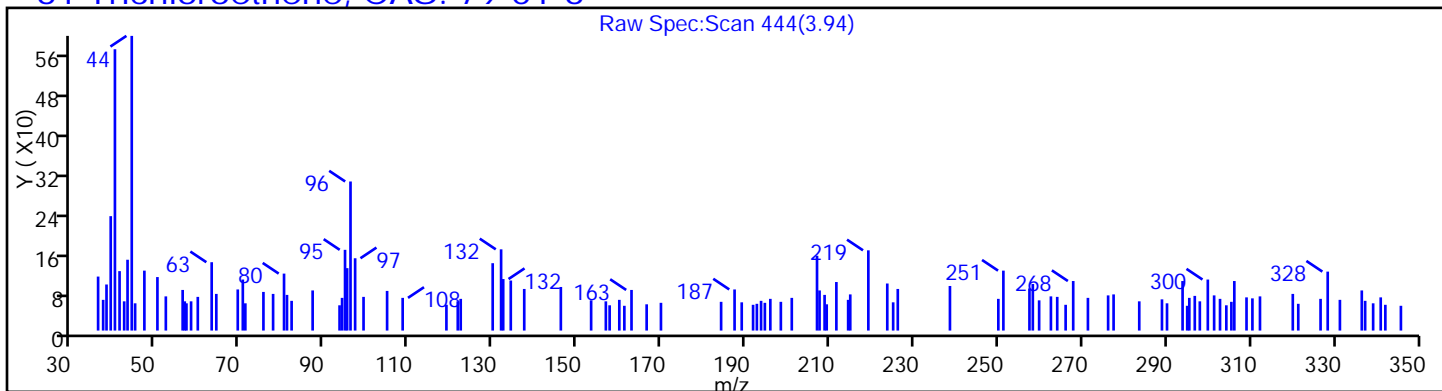
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

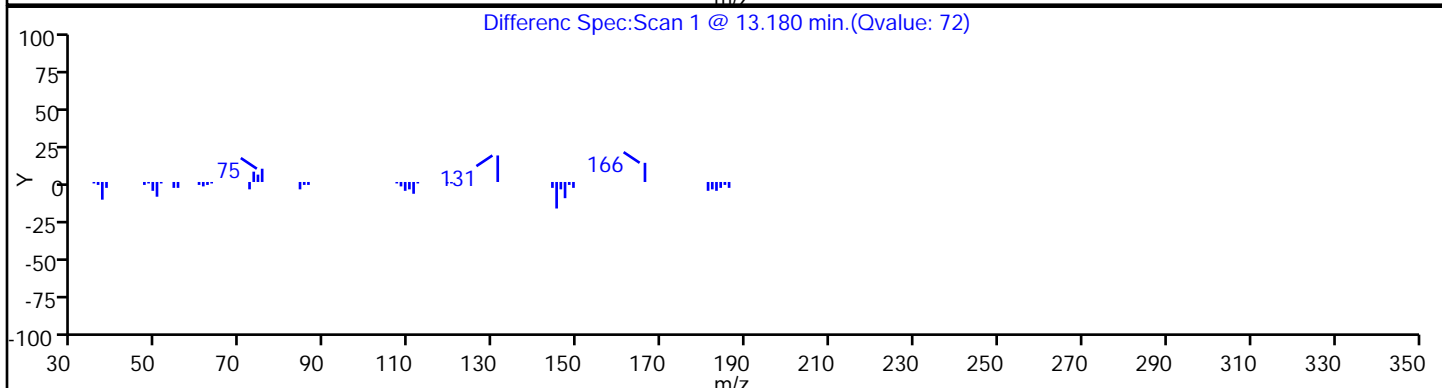
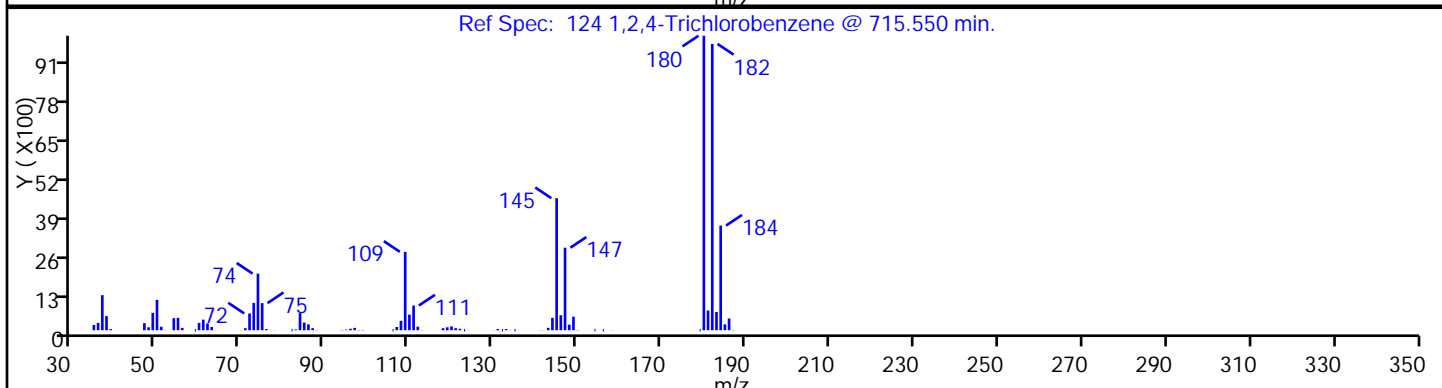
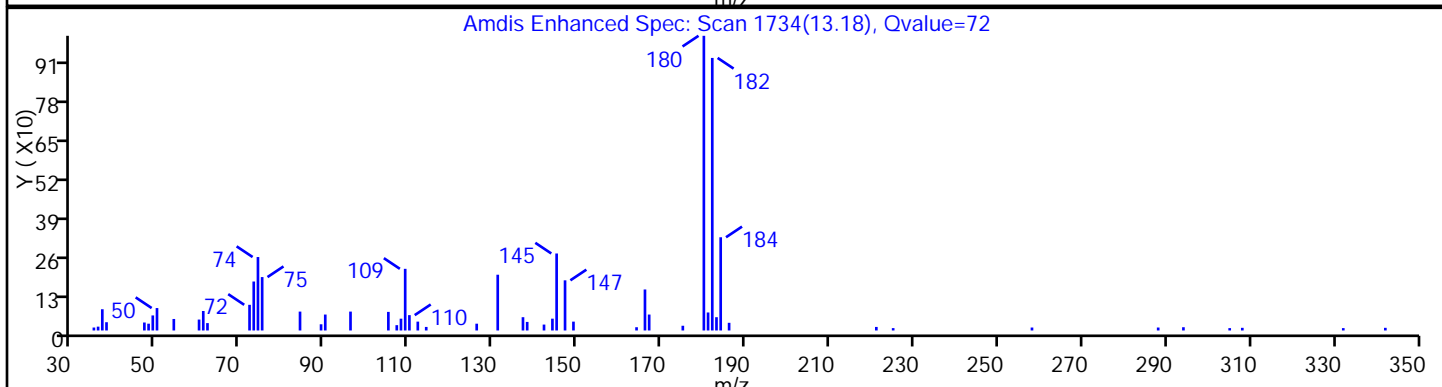
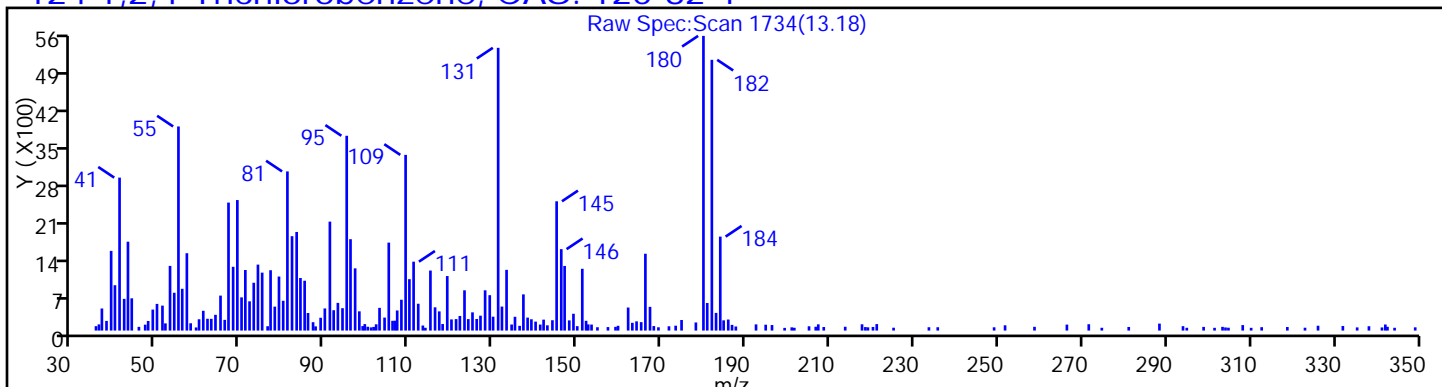
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

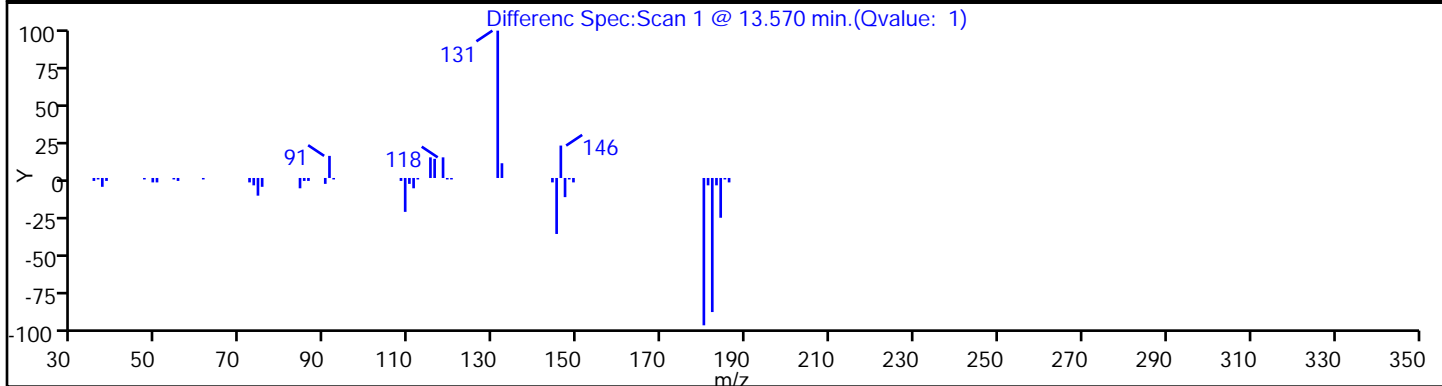
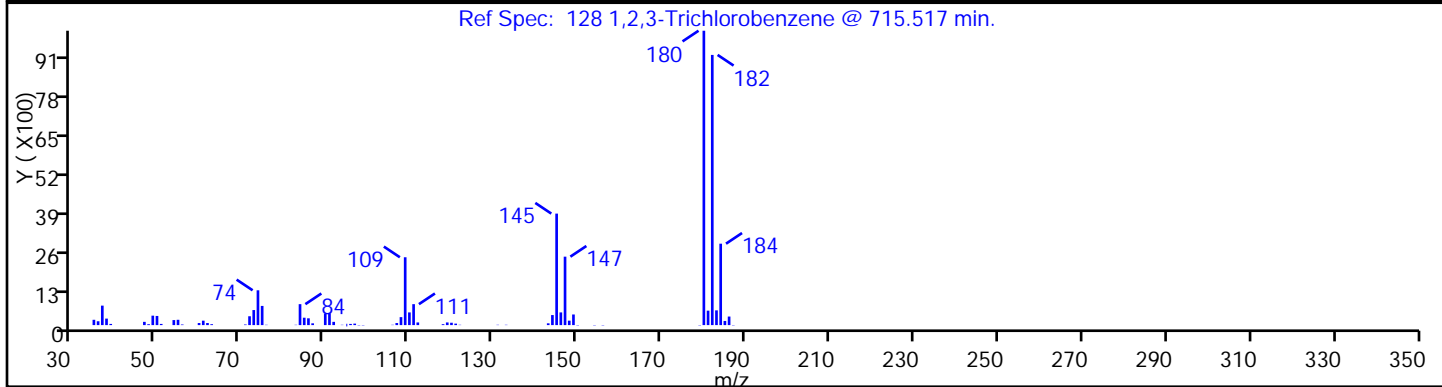
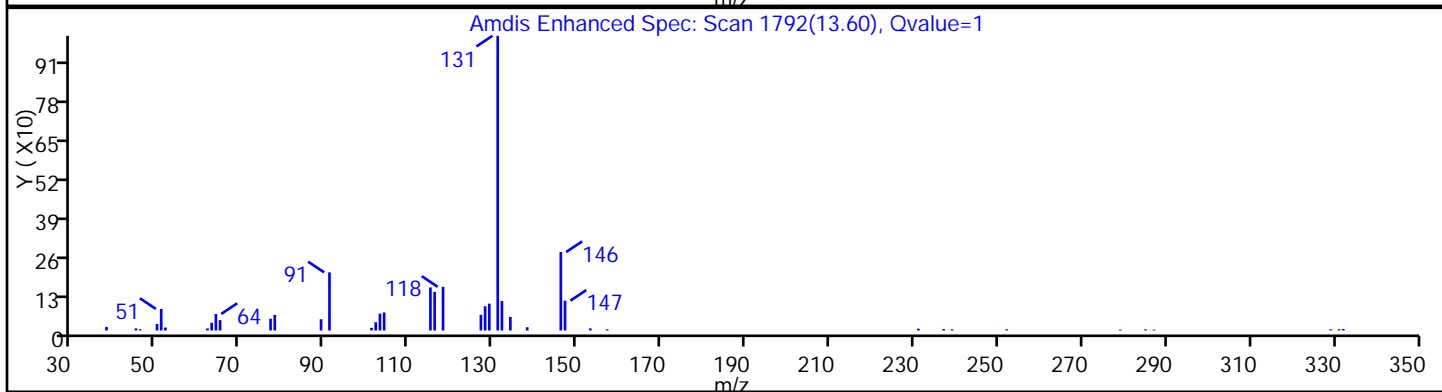
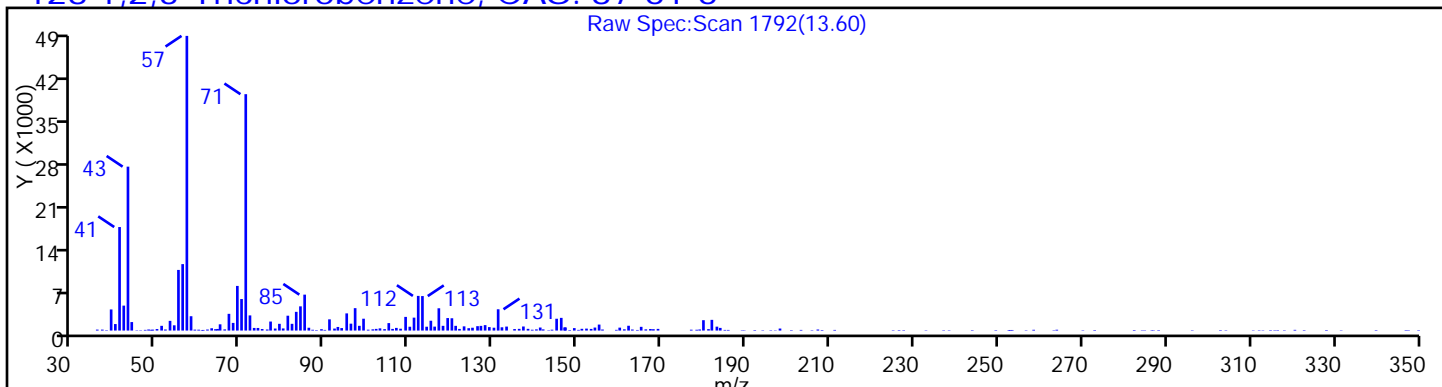
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

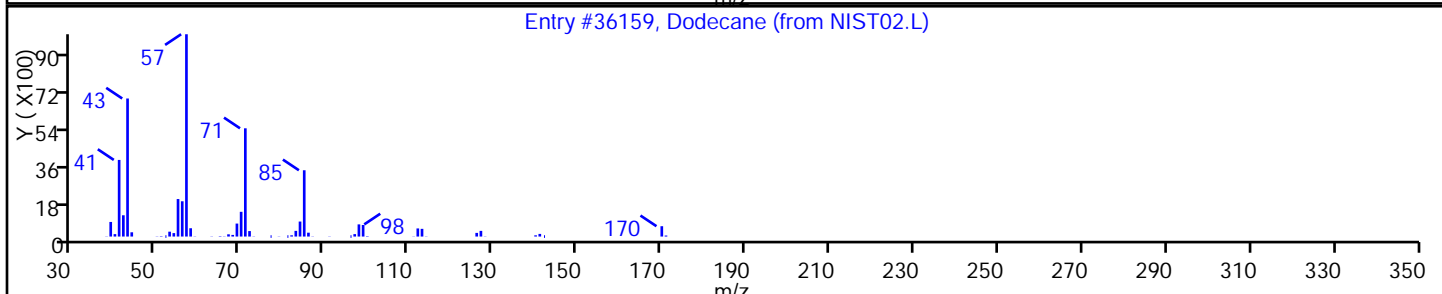
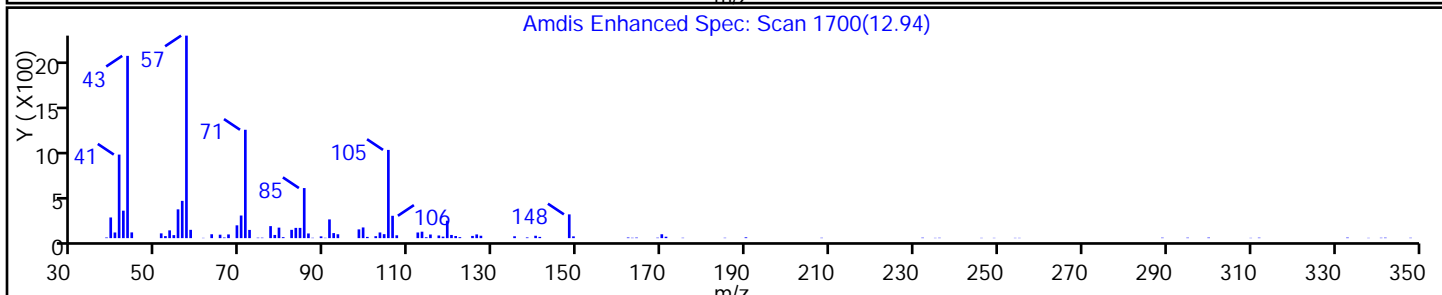
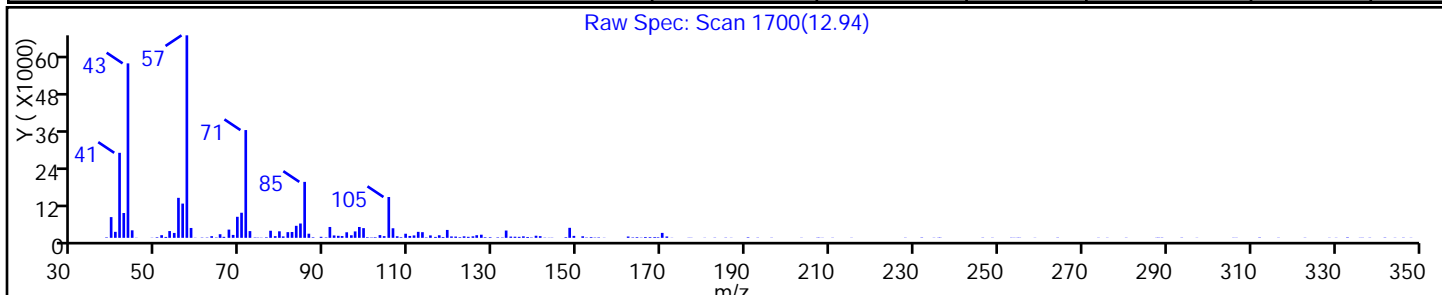
Method: 8260S_12

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	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

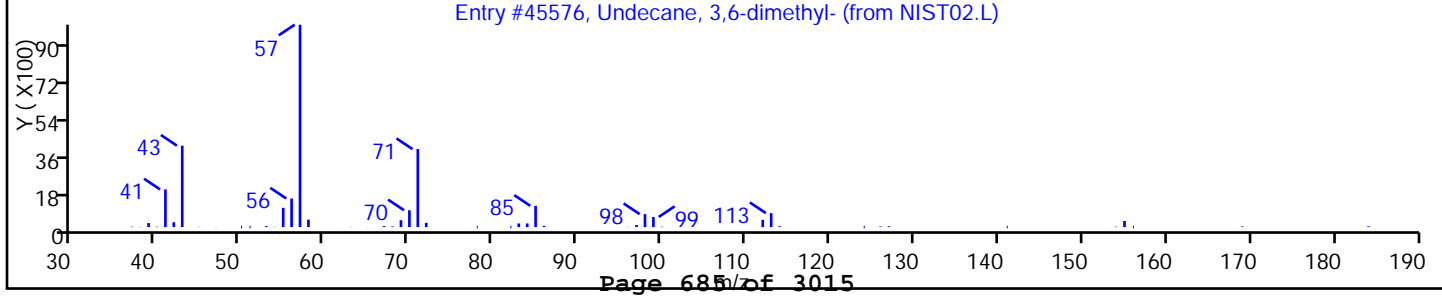
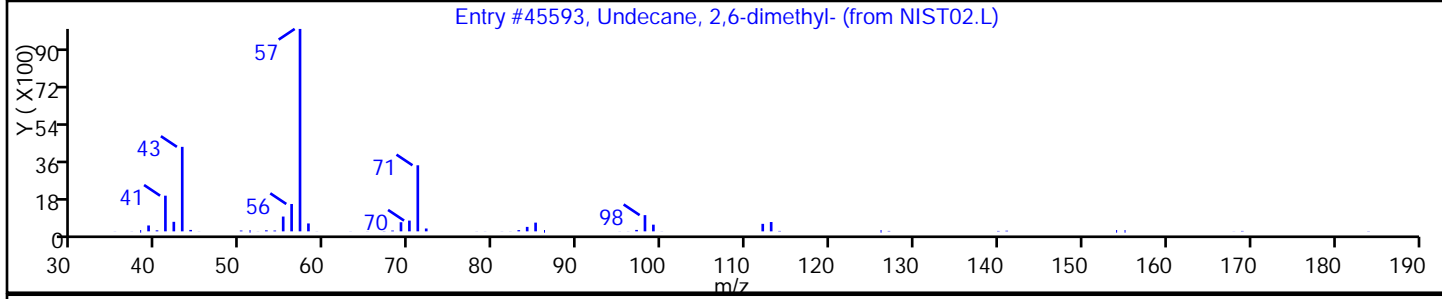
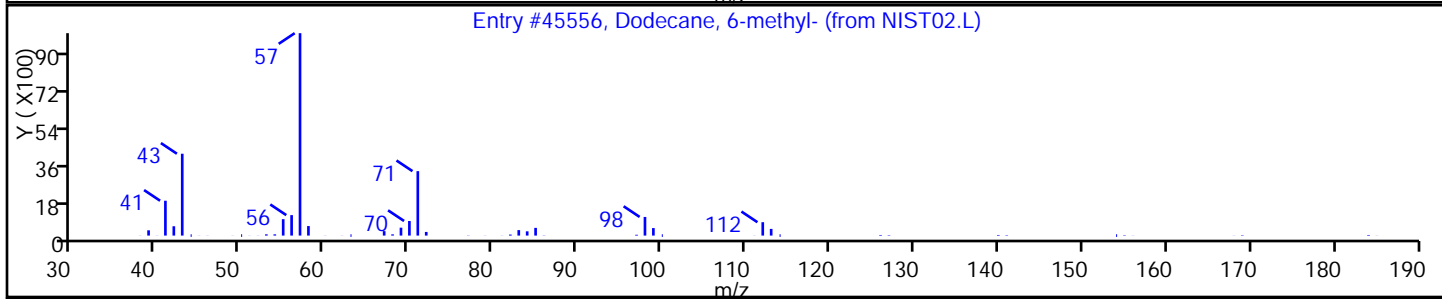
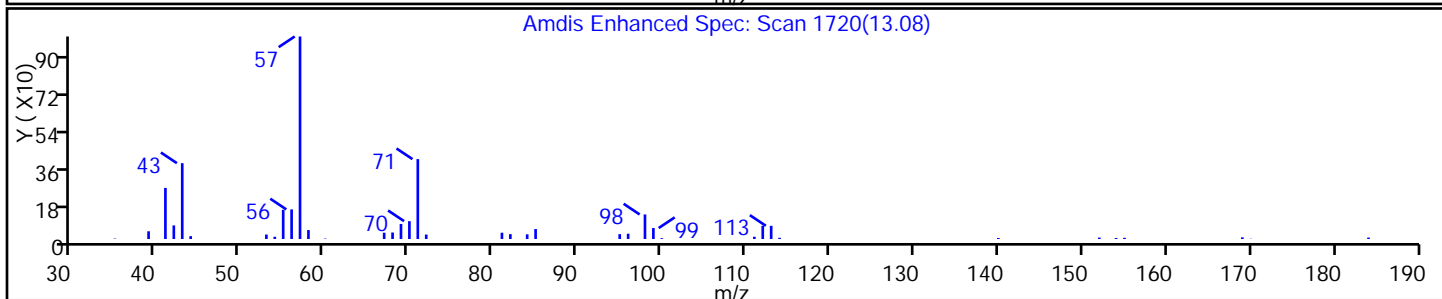
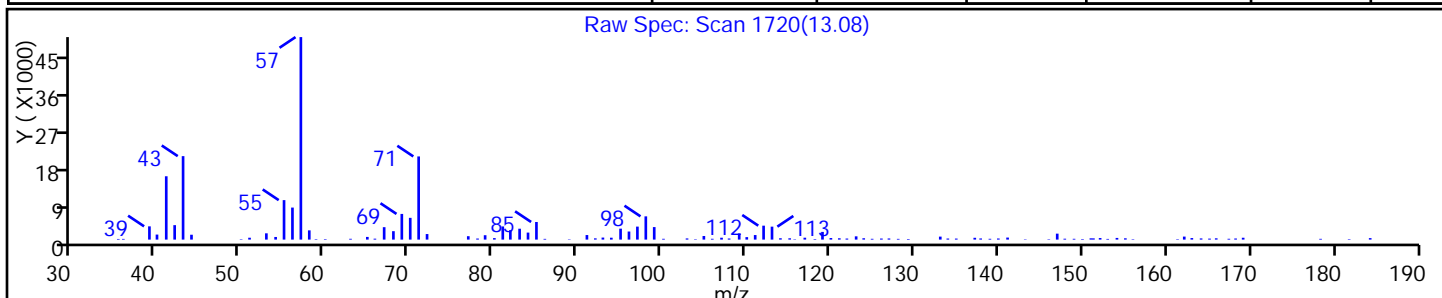
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 6-methyl-	6044-71-9	NIST02.L	45556	C13H28	184	97
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45593	C13H28	184	94
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

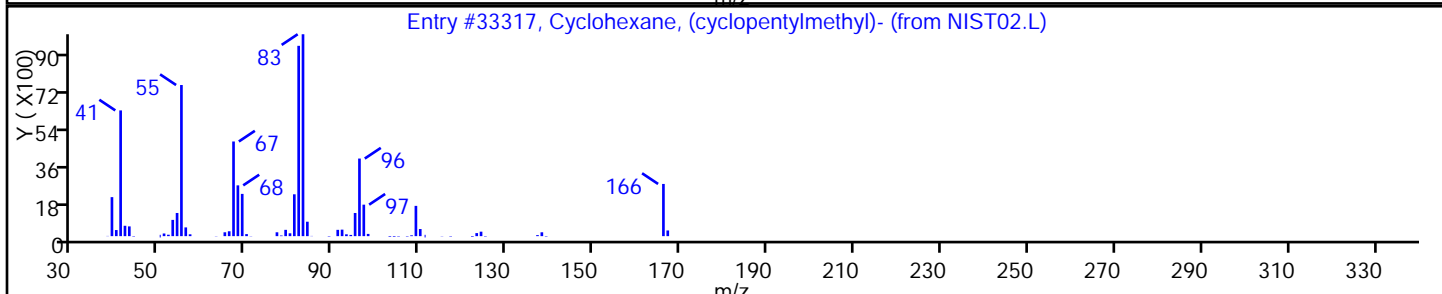
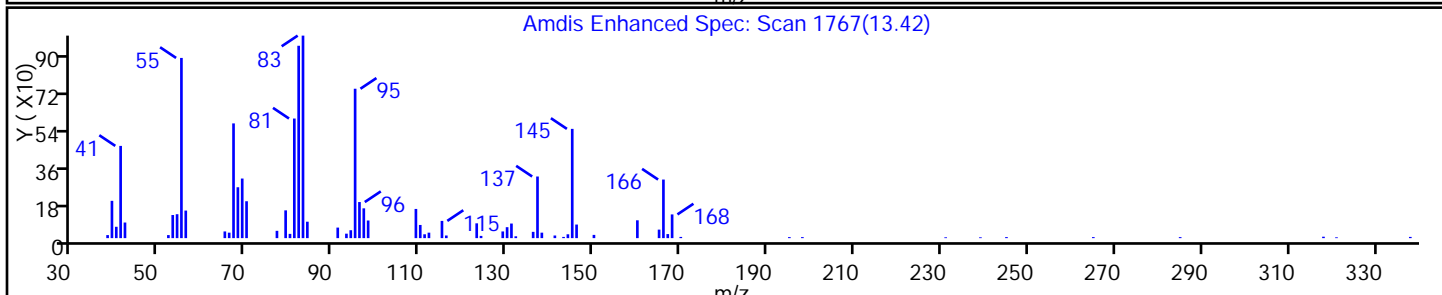
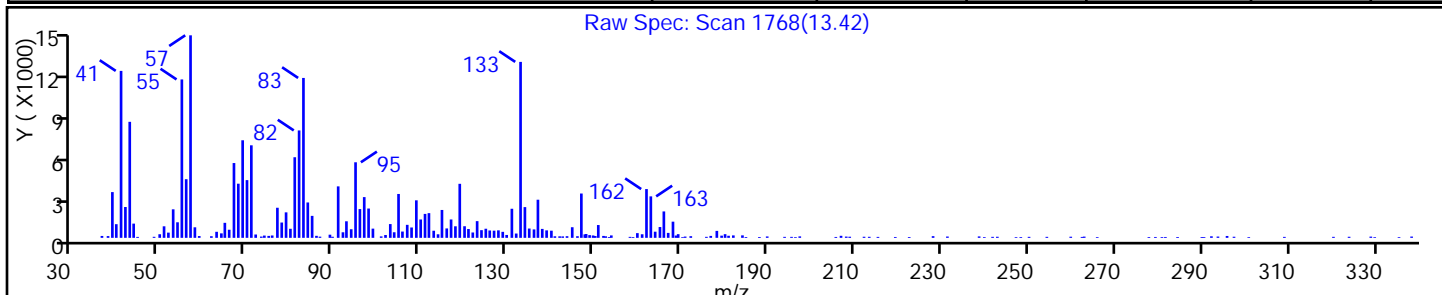
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, (cyclopentylmethyl)-	4431-89-4	NIST02.L	33317	C12H22	166	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

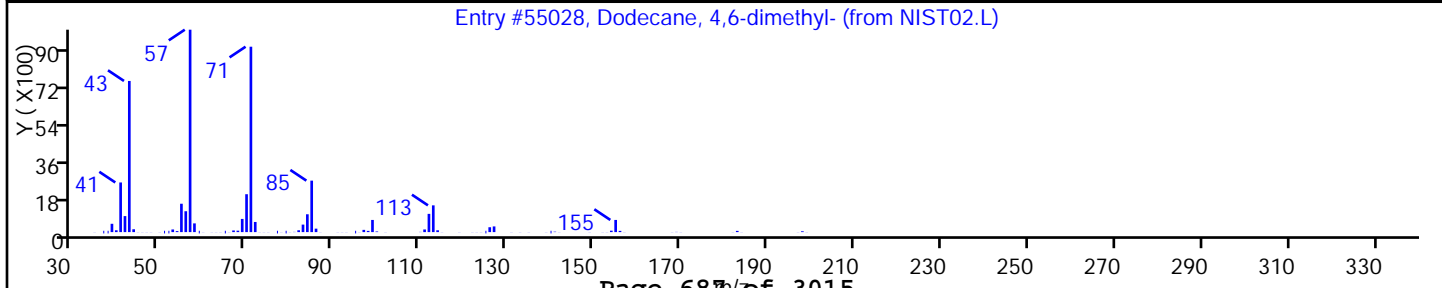
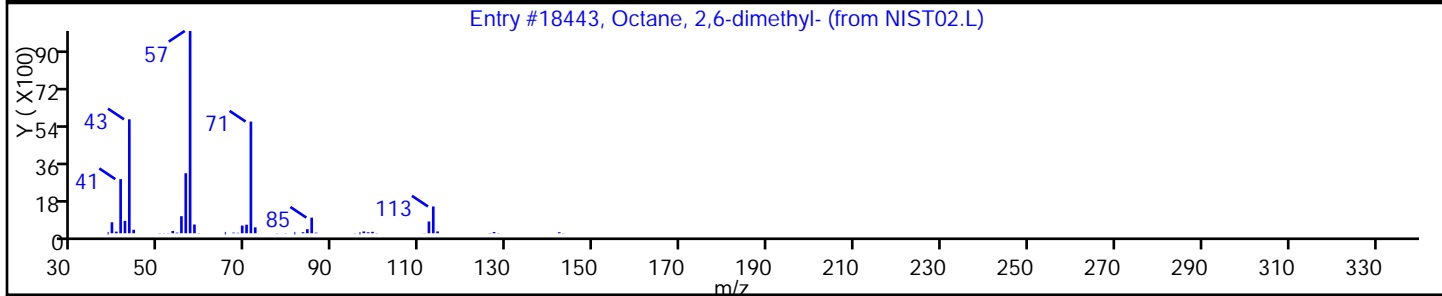
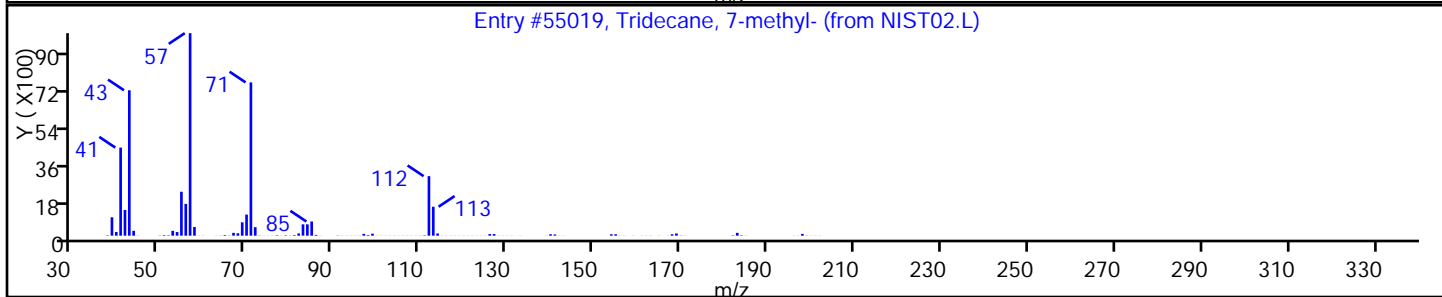
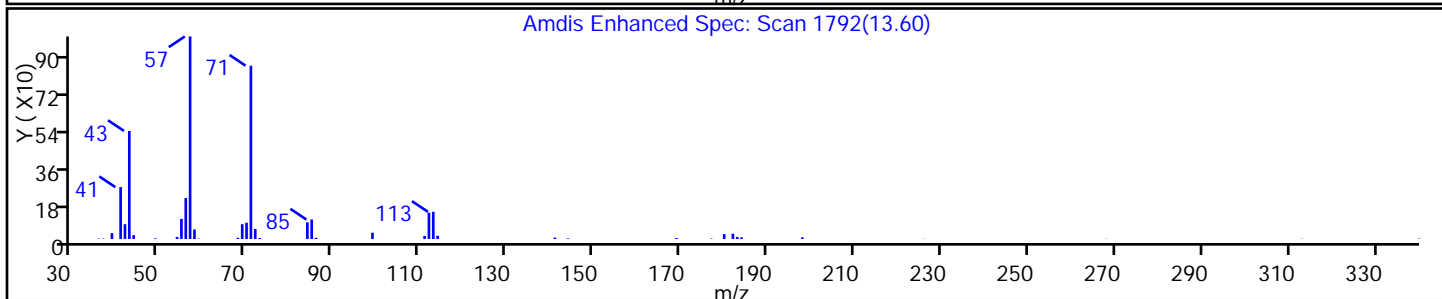
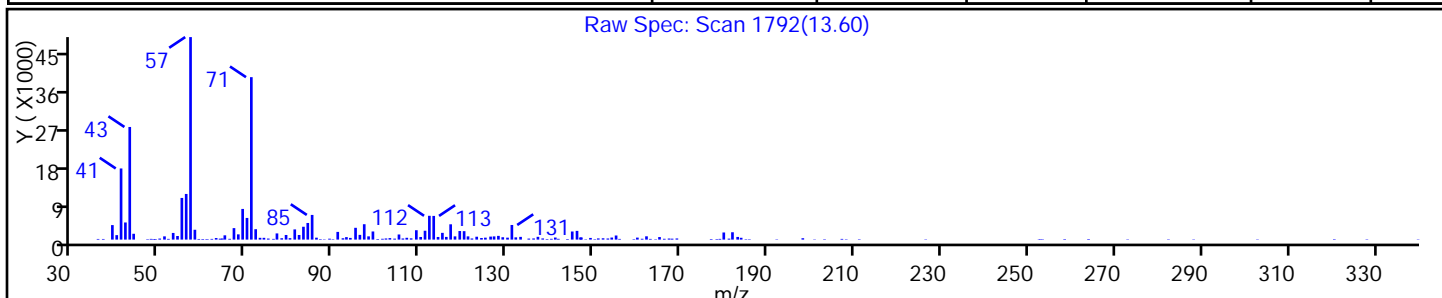
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 7-methyl-	26730-14-3	NIST02.L	55019	C14H30	198	90
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	C10H22	142	86
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55028	C14H30	198	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

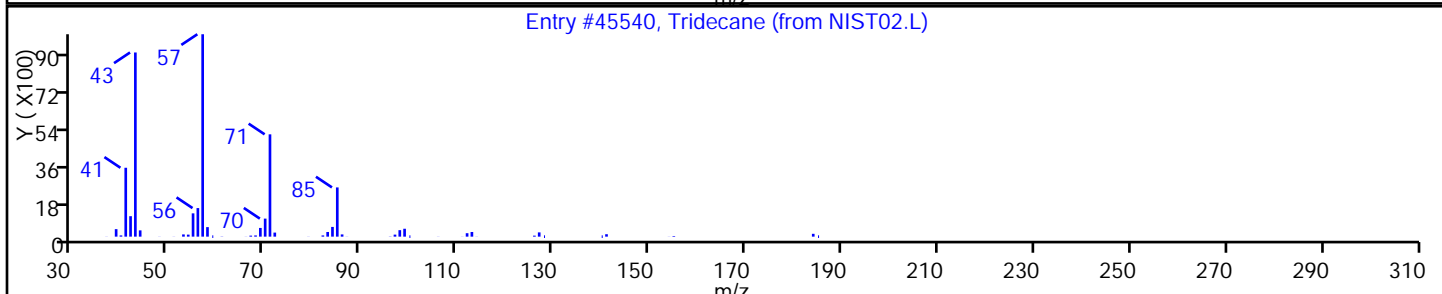
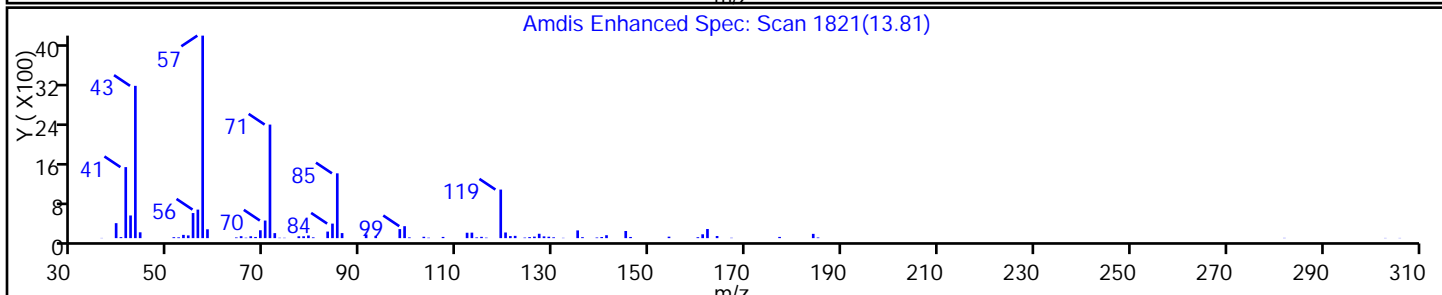
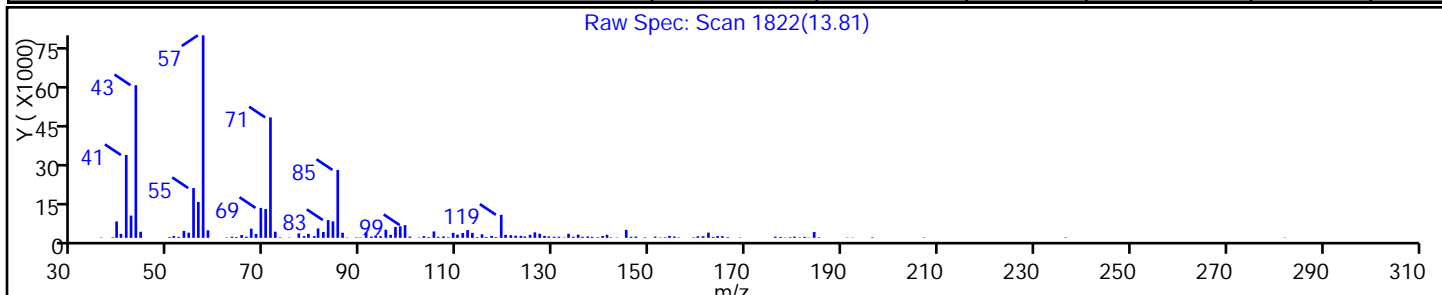
Method: 8260S_12

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	92



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

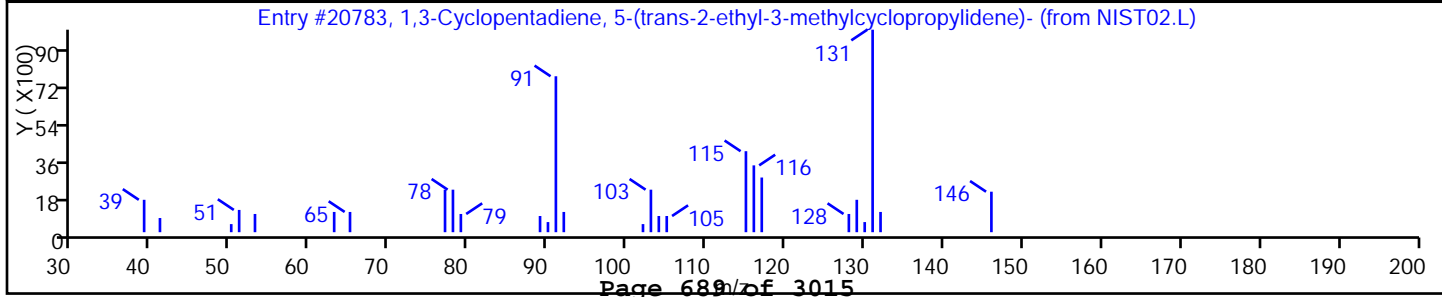
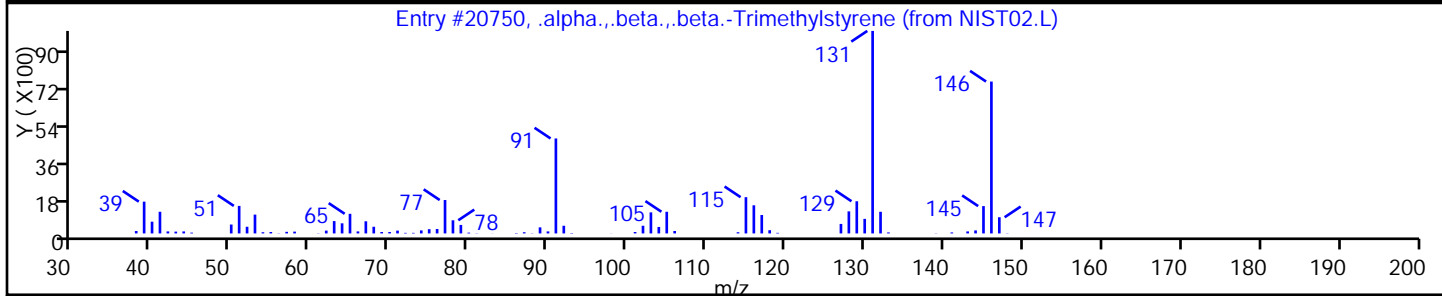
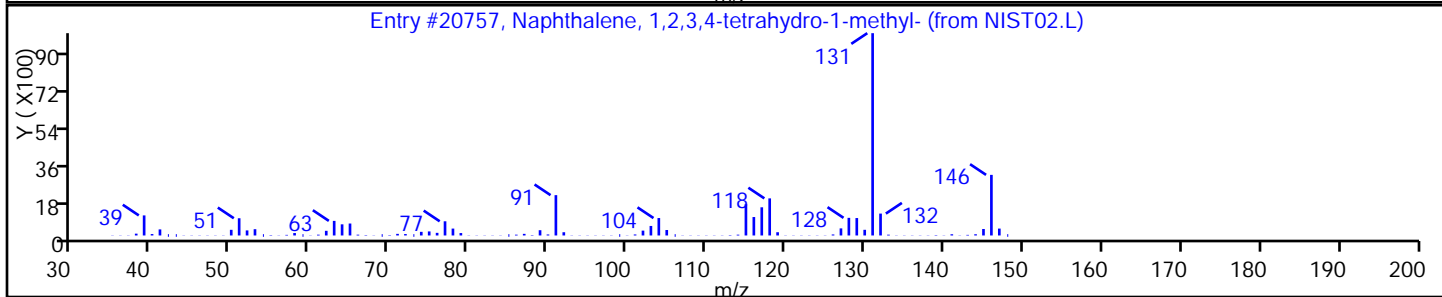
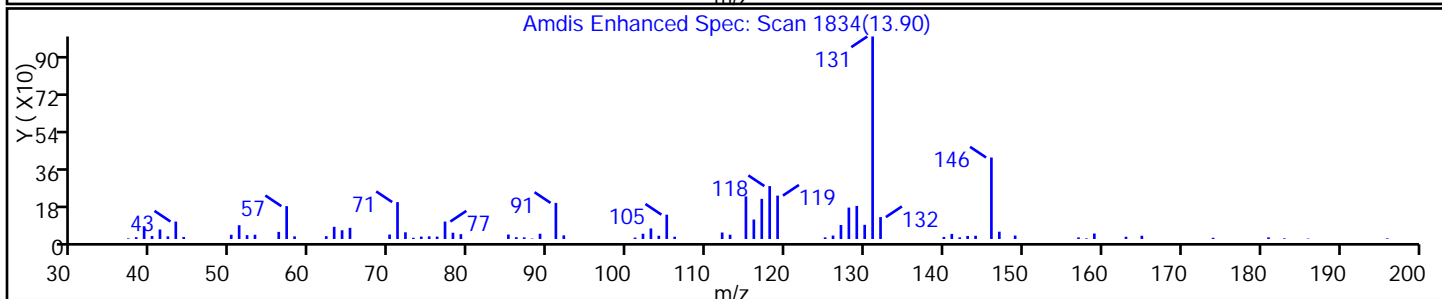
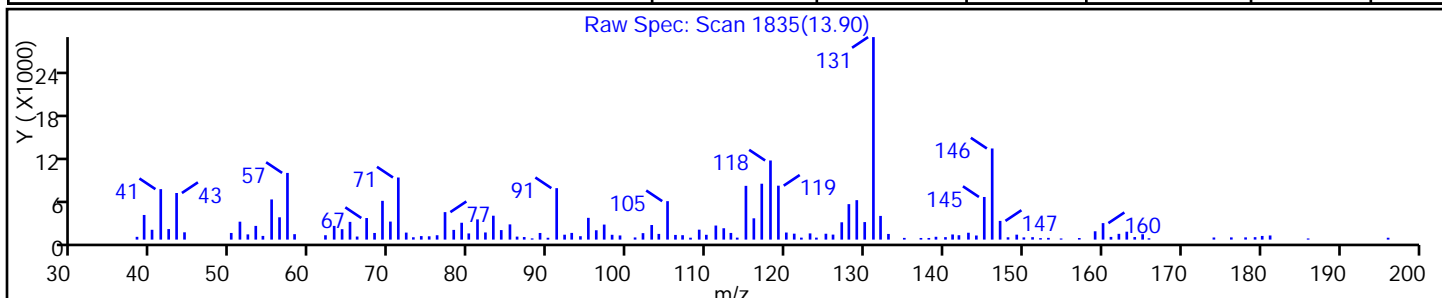
Method: 8260S_12

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	93
.alpha.,.beta.,.beta.-Trimethylstyrene	769-57-3	NIST02.L	20750	C11H14	146	89
1,3-Cyclopentadiene, 5-(trans-2-ethyl-3-	79209-36-2	NIST02.L	20783	C11H14	146	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

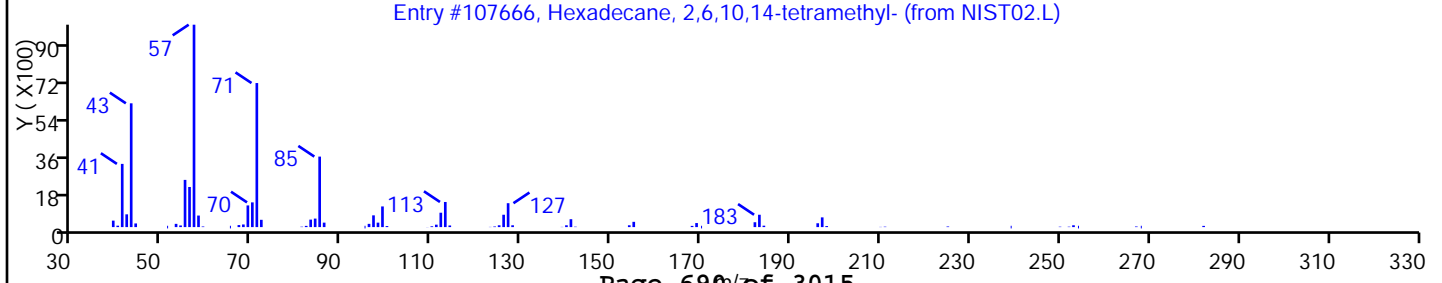
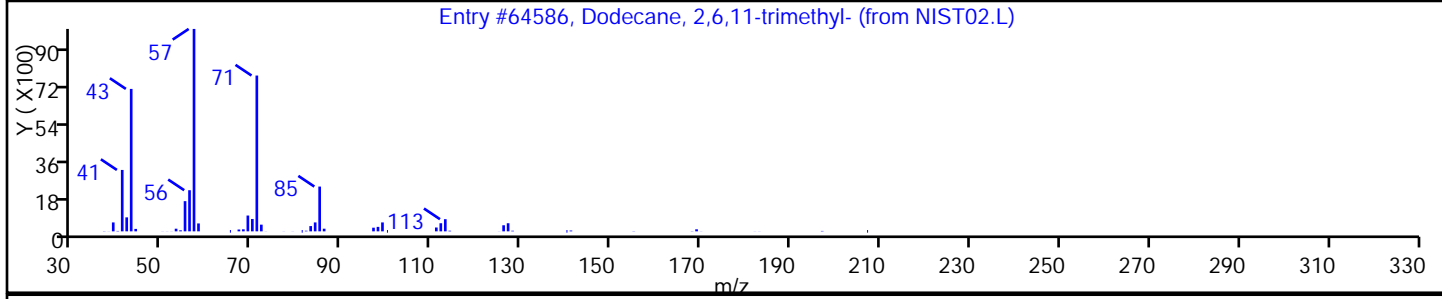
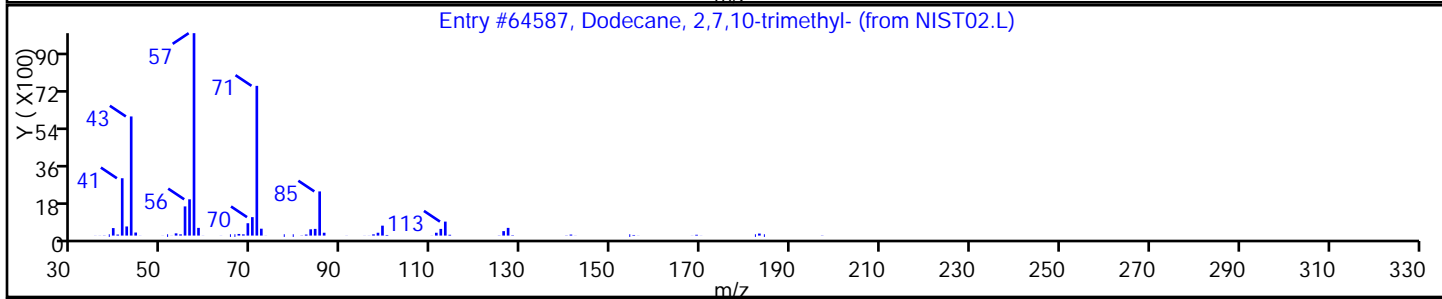
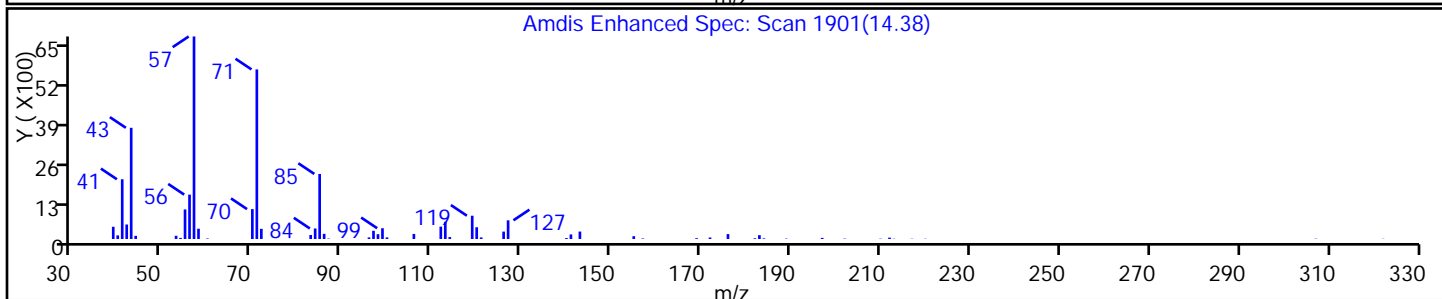
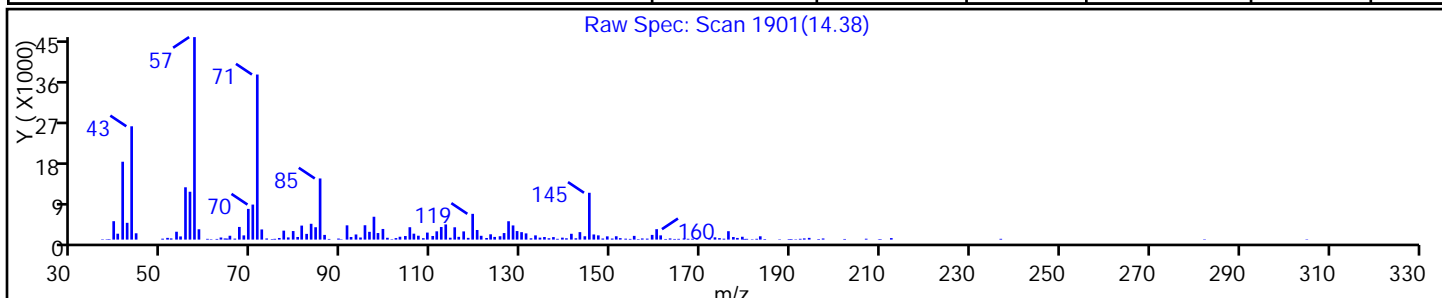
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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	80
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	80
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

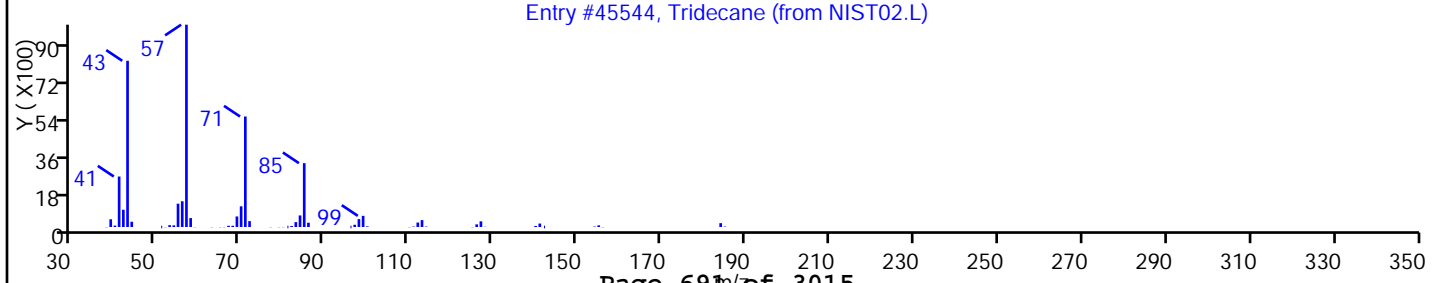
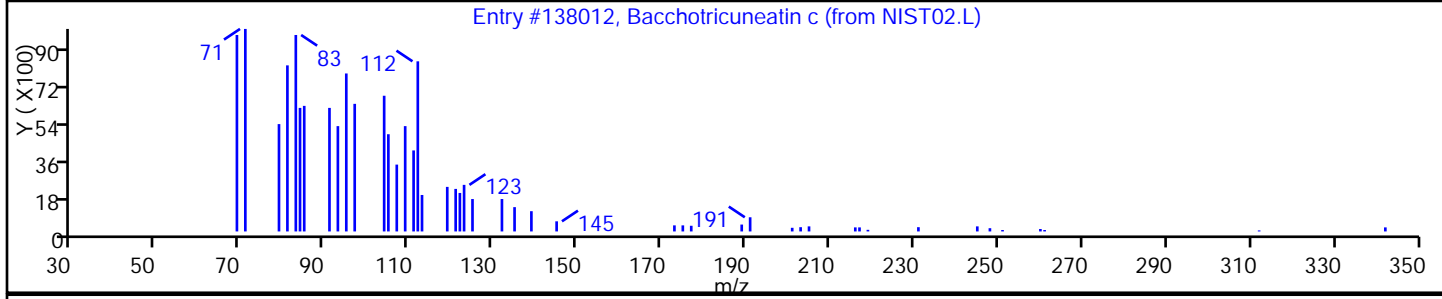
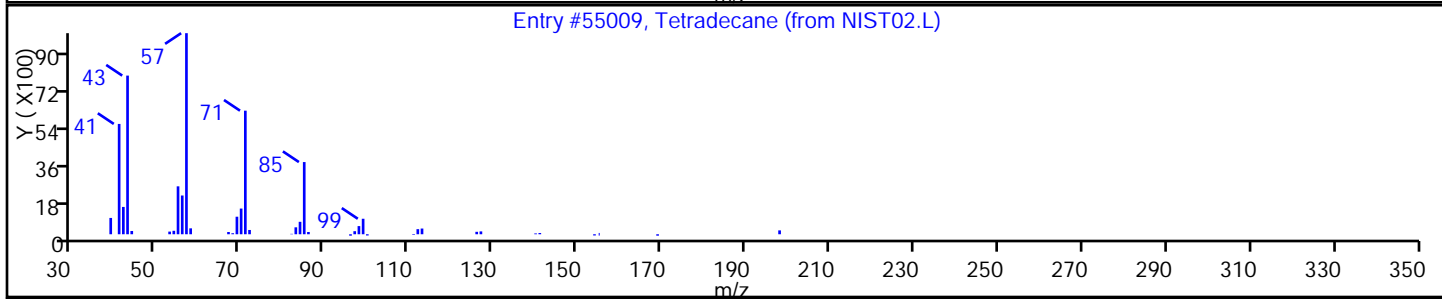
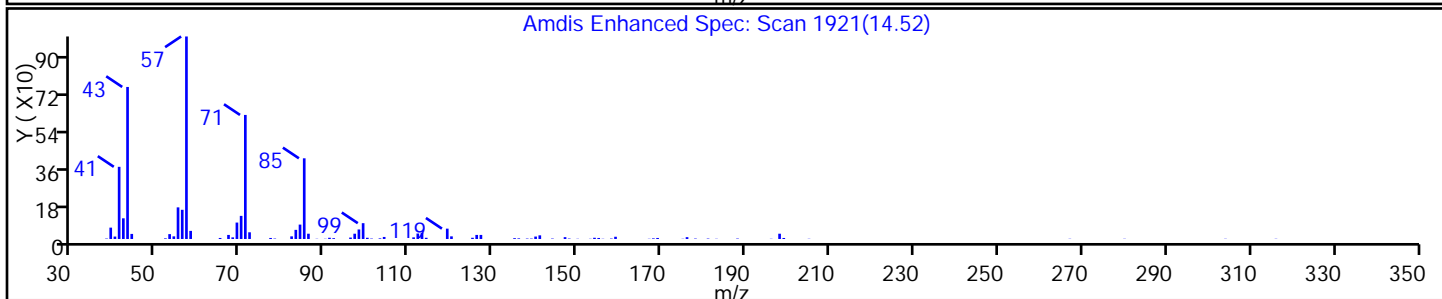
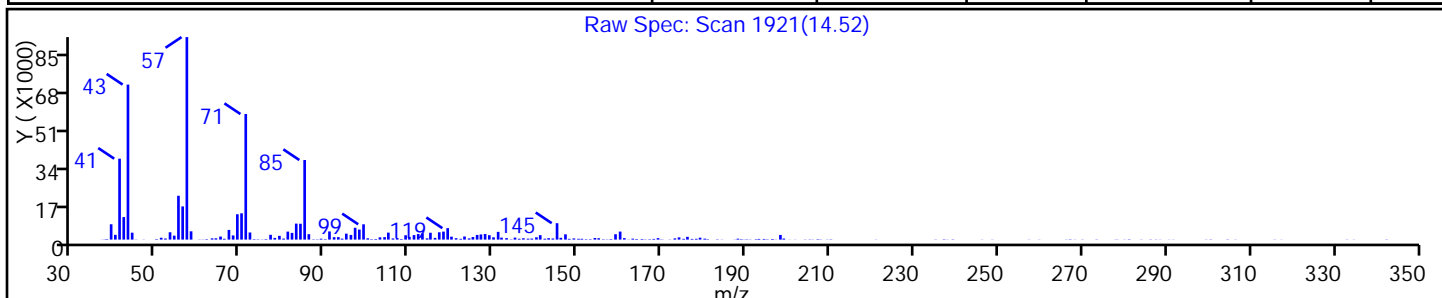
Method: 8260S_12

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	96
Bacchotricuneatin c	66563-30-2	NIST02.L	138012	C20H22O5	342	74
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

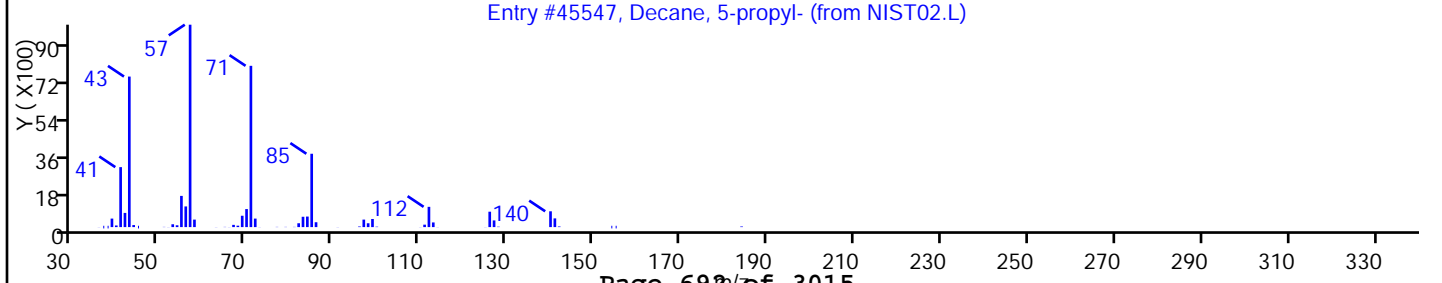
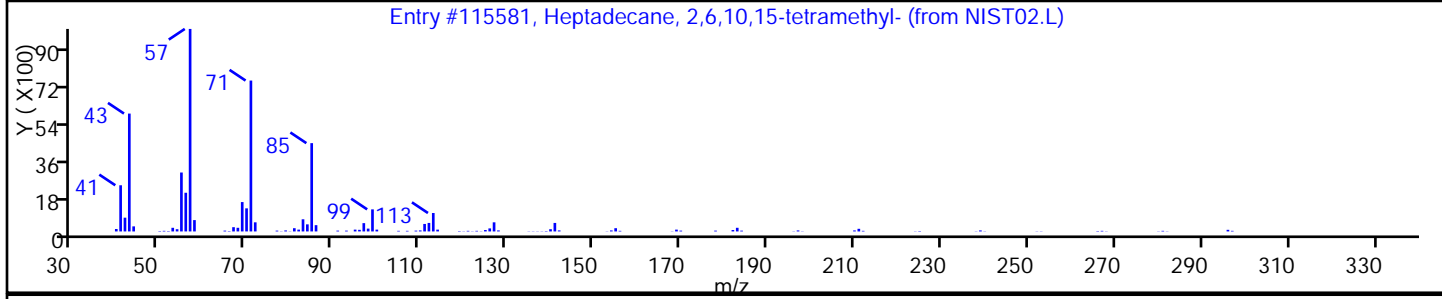
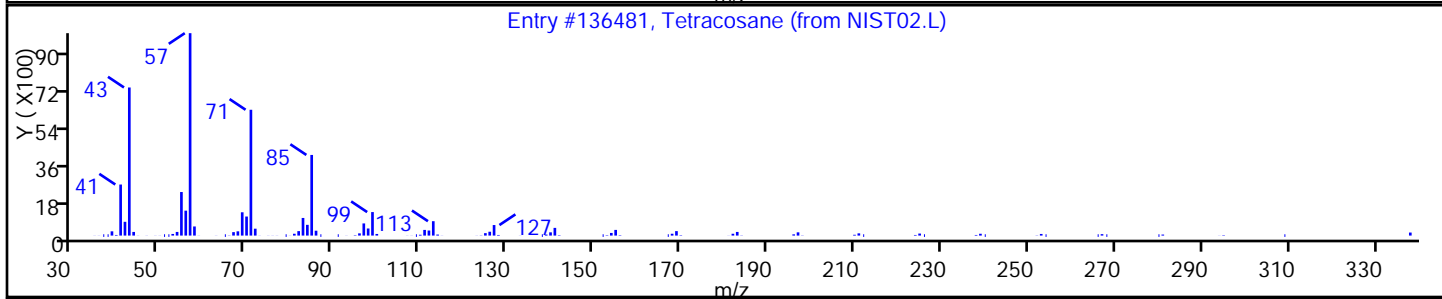
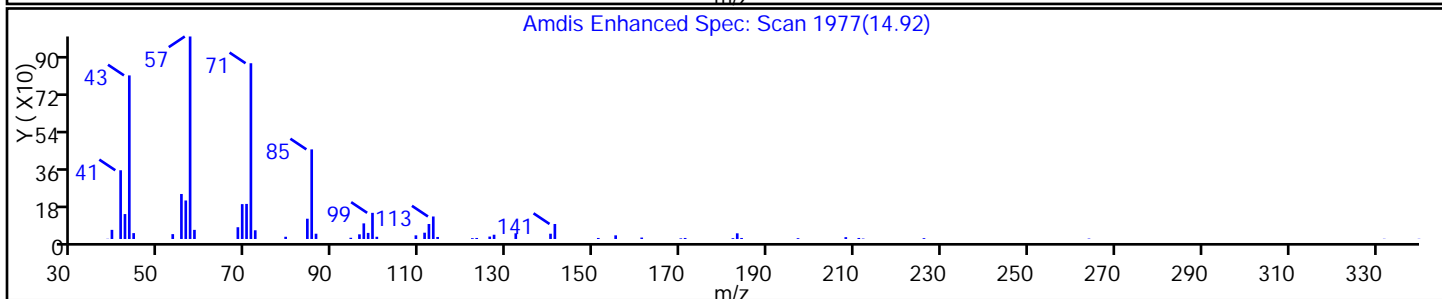
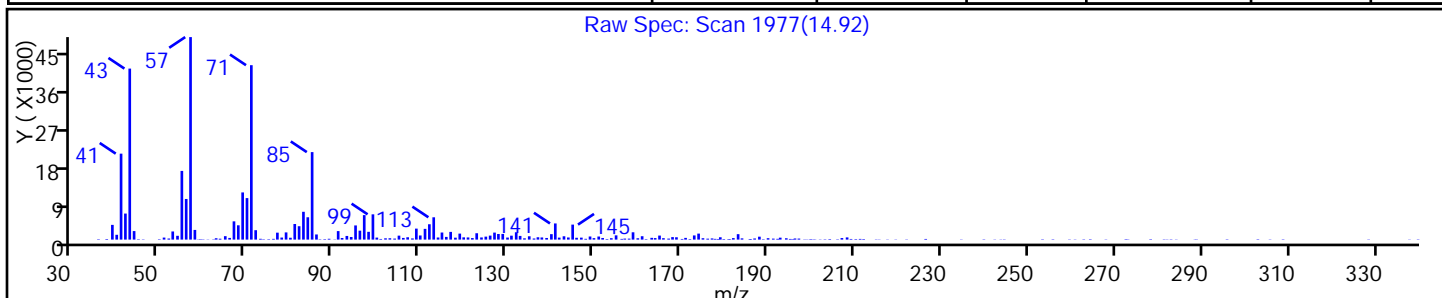
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	90
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	90
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84781.D

Injection Date: 14-Mar-2014 07:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-9-A

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

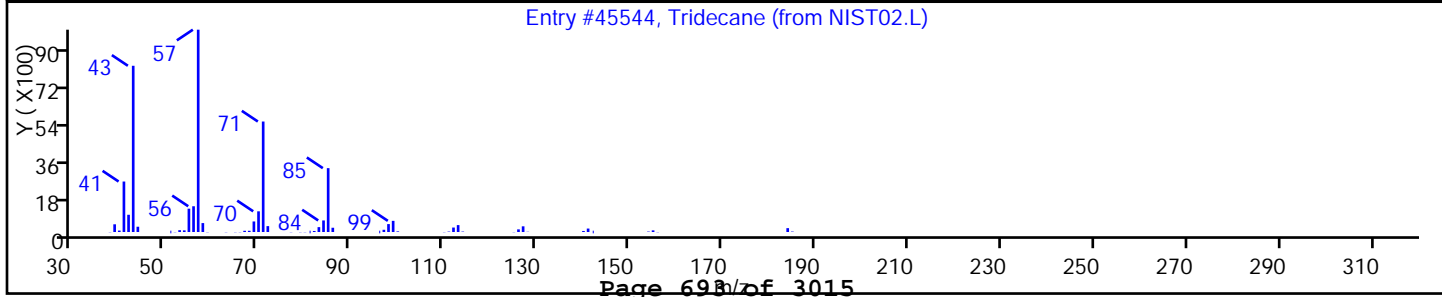
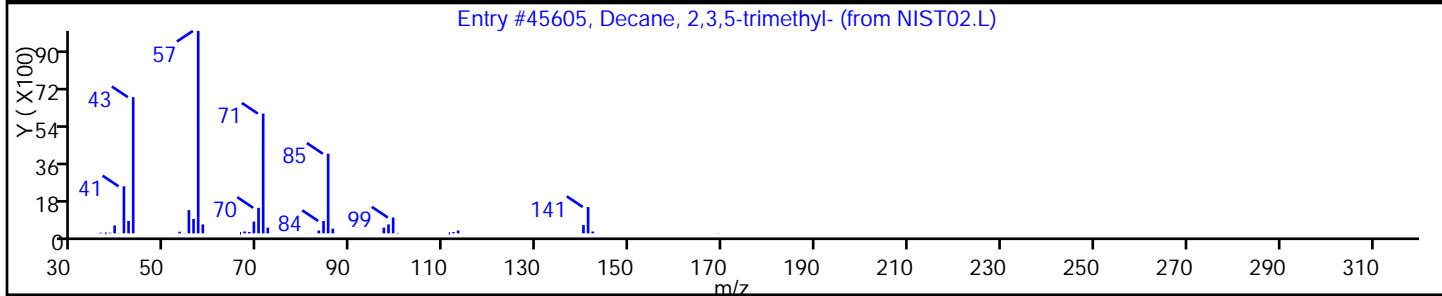
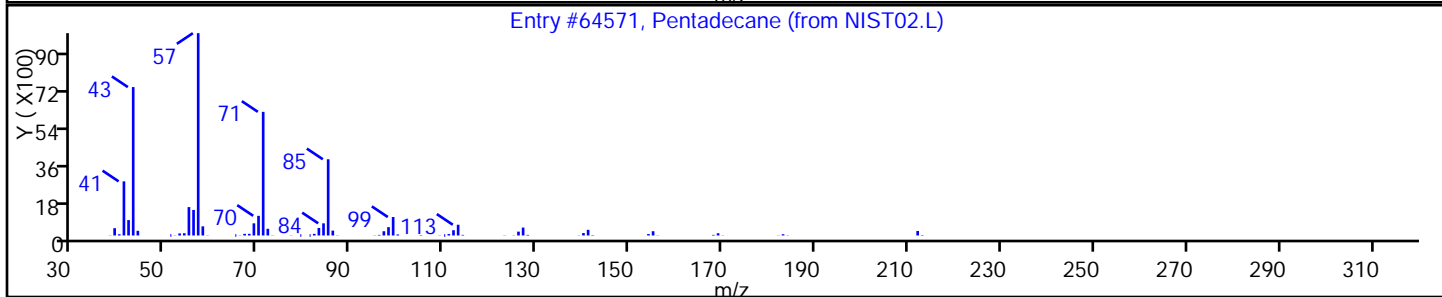
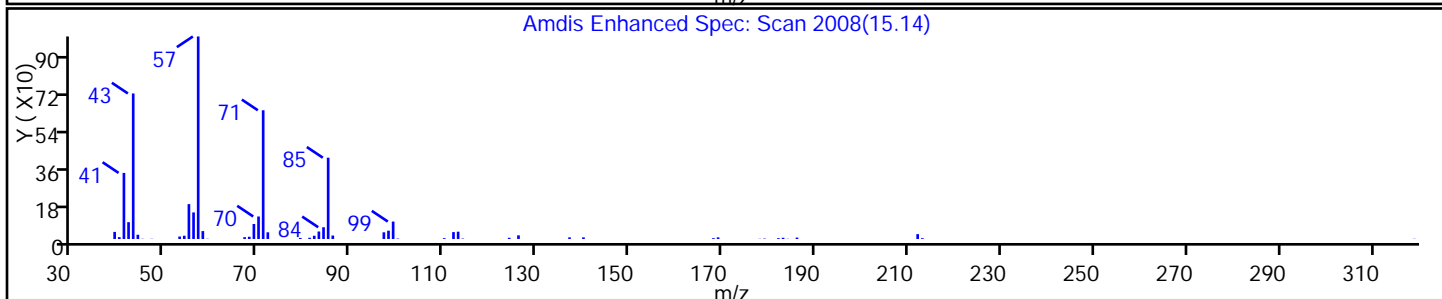
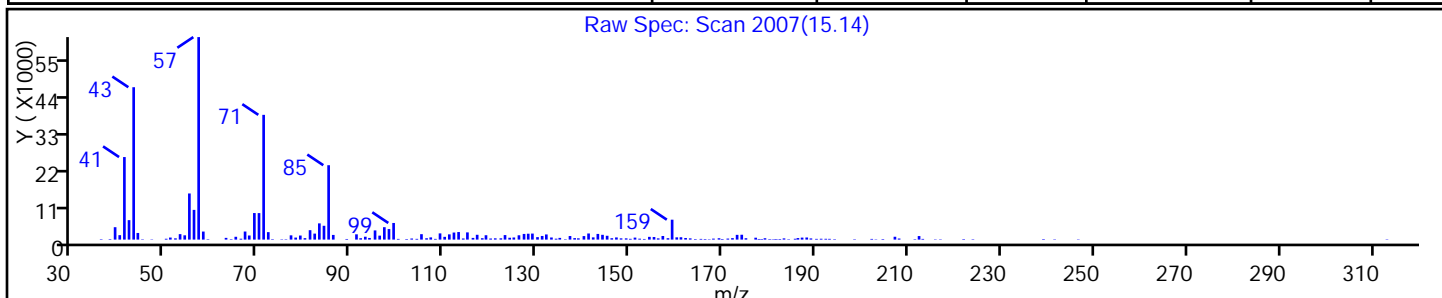
Method: 8260S_12

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	64571	C15H32	212	91
Decane, 2,3,5-trimethyl-	62238-11-3	NIST02.L	45605	C13H28	184	90
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: O84787.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:35
 Sample wt/vol: 6.867(g) Date Analyzed: 03/14/2014 10:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 6.2 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.12	U	0.78	0.12
74-83-9	Bromomethane	0.33	U	0.78	0.33
75-01-4	Vinyl chloride	0.26	U	0.78	0.26
75-00-3	Chloroethane	0.26	U	0.78	0.26
75-09-2	Methylene Chloride	0.55	J	0.78	0.12
67-64-1	Acetone	1800	B	3.9	1.3
75-15-0	Carbon disulfide	0.12	U	0.78	0.12
75-69-4	Trichlorofluoromethane	0.12	U	0.78	0.12
75-35-4	1,1-Dichloroethene	0.15	U	0.78	0.15
75-34-3	1,1-Dichloroethane	0.085	U	0.78	0.085
156-60-5	trans-1,2-Dichloroethene	0.10	U	0.78	0.10
156-59-2	cis-1,2-Dichloroethene	0.085	U	0.78	0.085
67-66-3	Chloroform	0.50	J	0.78	0.19
78-93-3	2-Butanone	290		3.9	0.49
107-06-2	1,2-Dichloroethane	0.14	U	0.78	0.14
71-55-6	1,1,1-Trichloroethane	0.10	U	0.78	0.10
56-23-5	Carbon tetrachloride	0.12	U	0.78	0.12
71-43-2	Benzene	0.19	J	0.78	0.12
75-25-2	Bromoform	0.13	U	0.78	0.13
100-42-5	Styrene	0.22	U	0.78	0.22
100-41-4	Ethylbenzene	0.13	U	0.78	0.13
108-90-7	Chlorobenzene	0.14	U	0.78	0.14
110-82-7	Cyclohexane	0.39	J	0.78	0.10
98-82-8	Isopropylbenzene	0.085	U	0.78	0.085
591-78-6	2-Hexanone	35		3.9	0.10
1634-04-4	MTBE	0.085	U	0.78	0.085
76-13-1	Freon TF	0.085	U	0.78	0.085
79-20-9	Methyl acetate	32		3.9	0.25
123-91-1	1,4-Dioxane	9.9	U	16	9.9
79-01-6	Trichloroethene	0.093	U	0.78	0.093
108-88-3	Toluene	0.31	J	0.78	0.11
10061-02-6	trans-1,3-Dichloropropene	0.078	U	0.78	0.078
108-10-1	4-Methyl-2-pentanone	9.1		3.9	0.16
10061-01-5	cis-1,3-Dichloropropene	0.11	U	0.78	0.11
95-50-1	1,2-Dichlorobenzene	0.078	U	0.78	0.078
541-73-1	1,3-Dichlorobenzene	0.25	J	0.78	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: O84787.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:35
 Sample wt/vol: 6.867(g) Date Analyzed: 03/14/2014 10:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 6.2 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.4		0.78	0.085
120-82-1	1,2,4-Trichlorobenzene	13		0.78	0.15
87-61-6	1,2,3-Trichlorobenzene	0.12	U	0.78	0.12
78-87-5	1,2-Dichloropropane	0.12	U	0.78	0.12
108-87-2	Methylcyclohexane	0.63	J	0.78	0.078
127-18-4	Tetrachloroethene	0.093	U	0.78	0.093
1330-20-7	Xylenes, Total	0.52	U	1.6	0.52
96-12-8	1,2-Dibromo-3-Chloropropane	0.34	U	0.78	0.34
79-34-5	1,1,2,2-Tetrachloroethane	0.070	U	0.78	0.070
79-00-5	1,1,2-Trichloroethane	0.11	U	0.78	0.11
124-48-1	Dibromochloromethane	0.078	U	0.78	0.078
106-93-4	1,2-Dibromoethane	0.12	U	0.78	0.12
75-71-8	Dichlorodifluoromethane	0.17	U	0.78	0.17
74-97-5	Bromochloromethane	0.085	U	0.78	0.085
75-27-4	Bromodichloromethane	0.25	U	0.78	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	94		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: O84787.D
 Analysis Method: 8260B Date Collected: 03/07/2014 10:35
 Sample wt/vol: 6.867(g) Date Analyzed: 03/14/2014 10:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 6.2 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 1460

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-75-0	1-Methyldecahydronaphthalene	12.38	130	J N
61142-24-3	Cyclohexane, 1,2,4,5-tetraethyl-, (1.alp	12.62	140	J N
17312-80-0	Undecane, 2,4-dimethyl-	12.85	110	J N
3604-14-6	Naphthalene, decahydro-1,2-dimethyl-	12.97	110	J N
17301-28-9	Undecane, 3,6-dimethyl-	13.10	110	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.35	250	J N
67652-84-0	3,5-Octadiene, 4,5-diethyl-	13.43	180	J N
6975-98-0	Decane, 2-methyl-	13.61	170	J N
	Unknown	13.70	100	J
41446-68-8	3-Tetradecene, (E)-	13.83	160	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D
 Lims ID: 460-72180-A-10-A Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 10:26:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-10-A
 Misc. Info.: 460-0010850-015
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 11:27:32 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 11:07:40

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.585	-0.001	88	3914993	2354.1	
23 Methyl acetate	43	1.764	1.764	0.0	97	189069	40.8	
25 Methylene Chloride	84	1.821	1.814	0.007	28	3457	0.7062	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	96	493453	1000.0	
43 2-Butanone (MEK)	72	2.680	2.673	0.007	100	248002	374.6	
47 Chloroform	83	2.902	2.895	0.007	84	5141	0.6457	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	96	147025	46.4	
49 Cyclohexane	56	3.060	3.053	0.007	69	5054	0.5009	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	86	152330	46.3	
53 Benzene	78	3.339	3.332	0.007	64	4909	0.2414	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	782987	50.0	
63 Methylcyclohexane	83	4.106	4.099	0.007	40	7997	0.8135	
* 150 1,4-Dioxane-d8	96	4.278	4.271	0.007	56	39946	1000.0	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	73	58911	11.7	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	98	656050	45.2	
77 Toluene	91	5.331	5.331	0.0	44	8503	0.3953	
83 2-Hexanone	43	6.248	6.248	0.0	97	175055	45.6	
* 87 Chlorobenzene-d5	117	7.121	7.122	-0.001	86	553376	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	83	183150	46.9	
115 1,3-Dichlorobenzene	146	10.653	10.646	0.007	19	2938	0.3158	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	251551	50.0	
117 1,4-Dichlorobenzene	146	10.818	10.811	0.007	59	16868	1.81	
124 1,2,4-Trichlorobenzene	180	13.181	13.182	-0.001	35	98127	16.4	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D
 Lims ID: 460-72180-A-10-A Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 10:26:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-10-A
 Misc. Info.: 460-0010850-015
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 11:27:32 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 11:07:40

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.379	7161906	166.7	116	97	24317	C11H20	152	
12.623	7700559	179.3	116	50	53670	C14H28	196	
12.852	5980400	139.2	116	52	45572	C13H28	184	
12.974	6353432	147.9	116	50	33330	C12H22	166	
13.095	6242210	145.3	116	55	45576	C13H28	184	
13.353	14068303	327.5	116	95	44160	C13H26	182	
13.425	9885909	230.2	116	64	33311	C12H22	166	
13.611	9233680	215.0	116	72	27127	C11H24	156	
13.697	5508409	128.3	116					
13.833	9092344	211.7	116	93	53625	C14H28	196	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	2147515	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Worklist Smp#: 15

Client ID: PMP-18SW-VD

Purge Vol: 5.000 mL

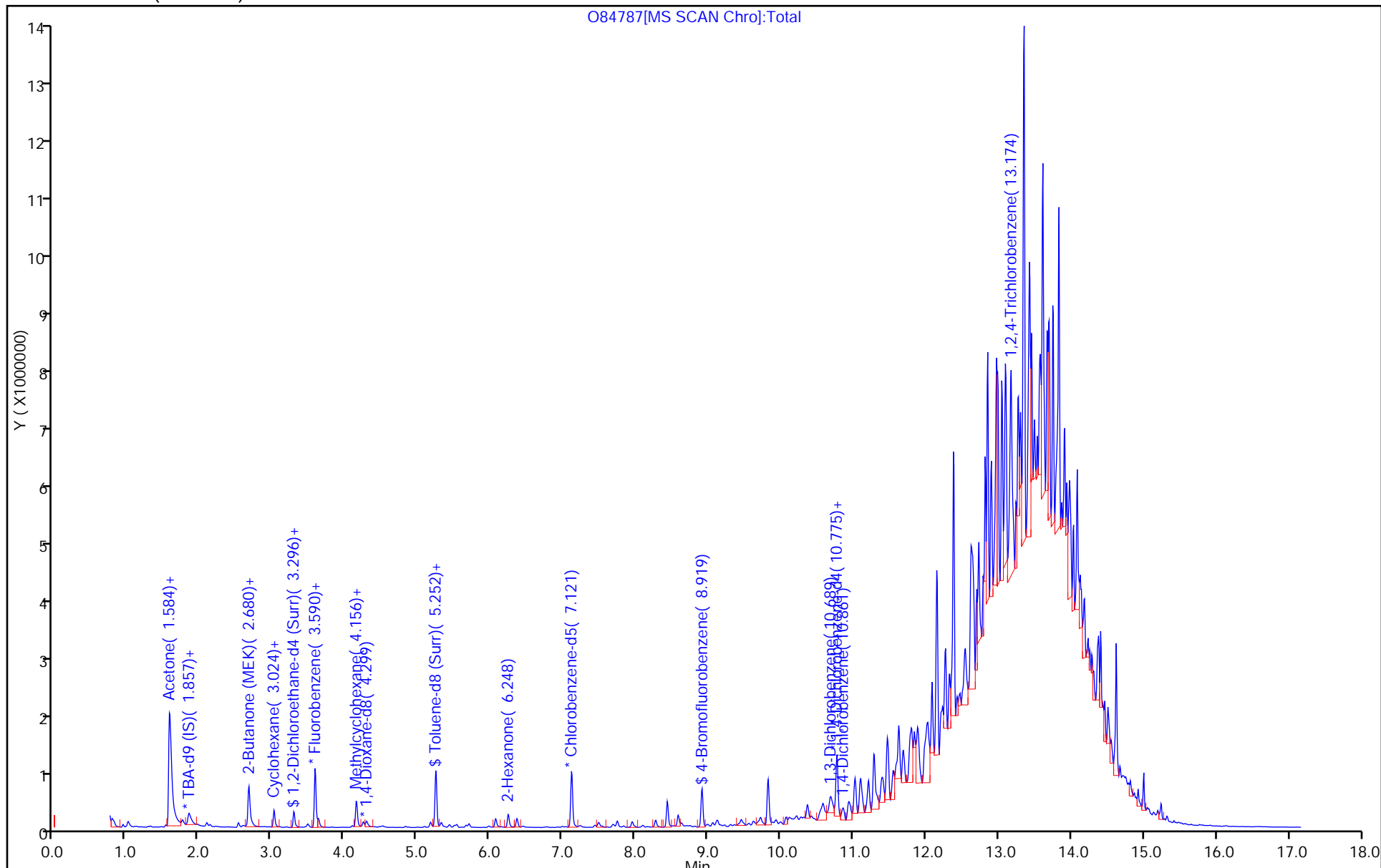
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

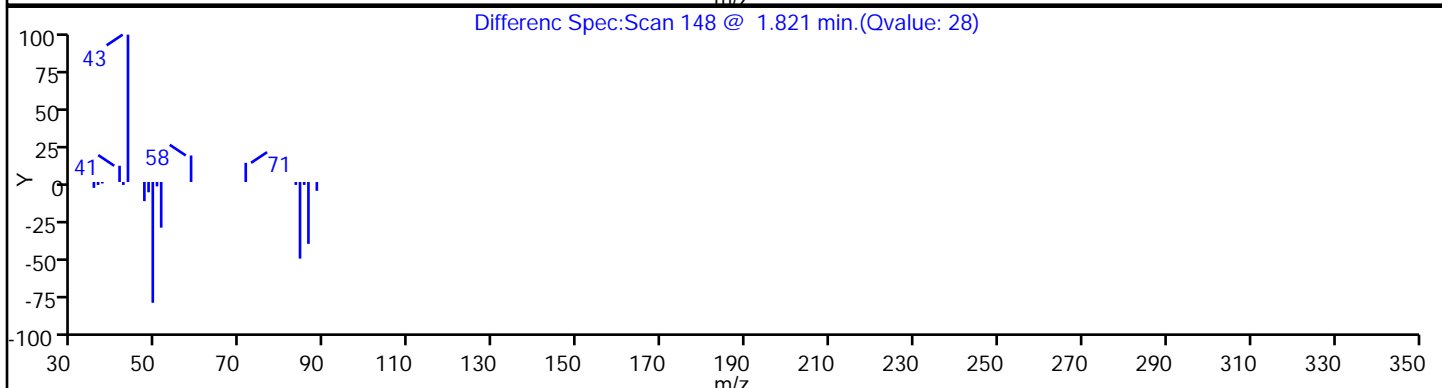
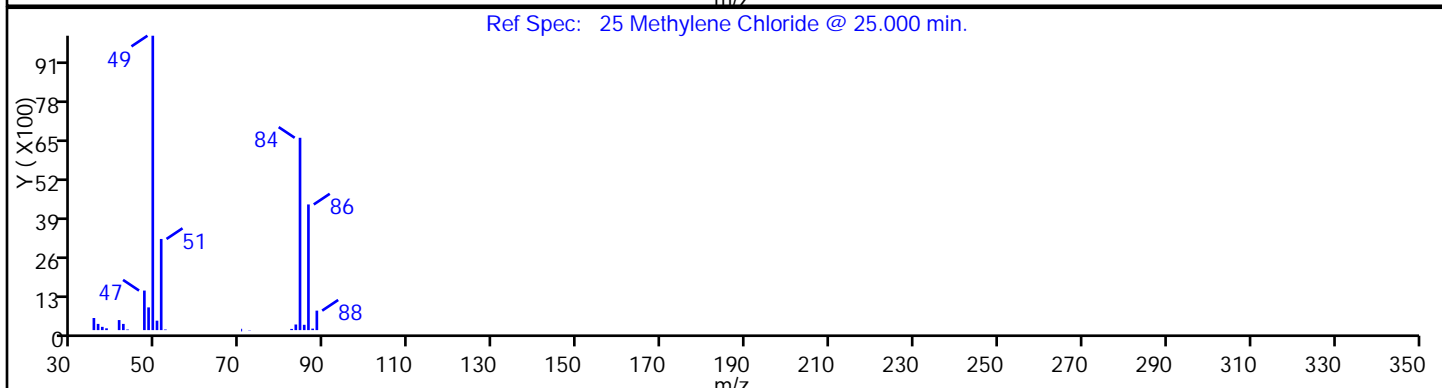
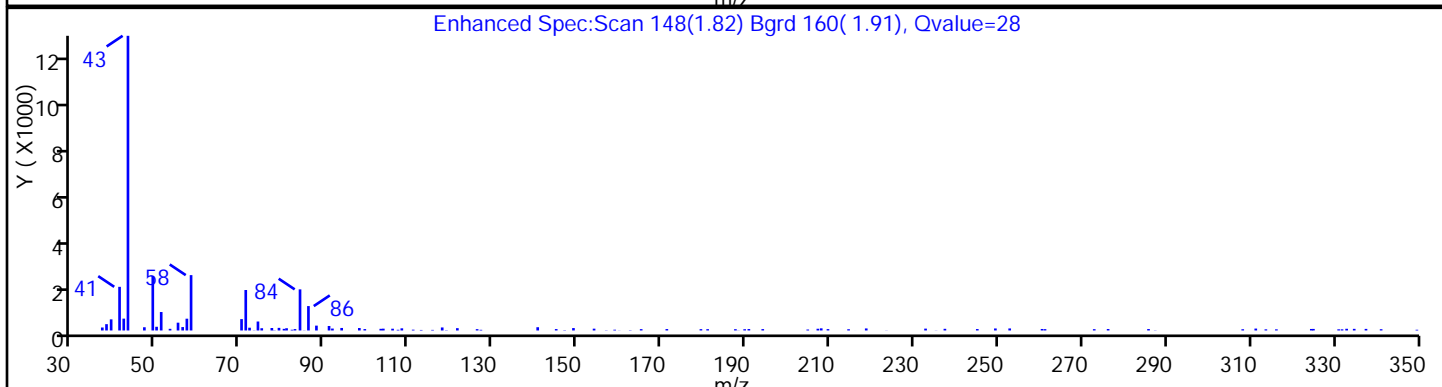
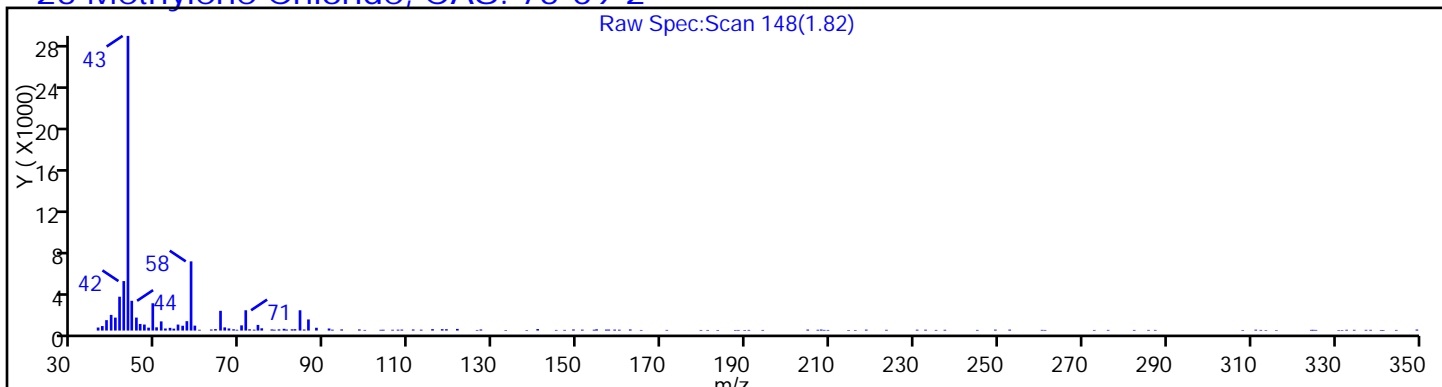
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

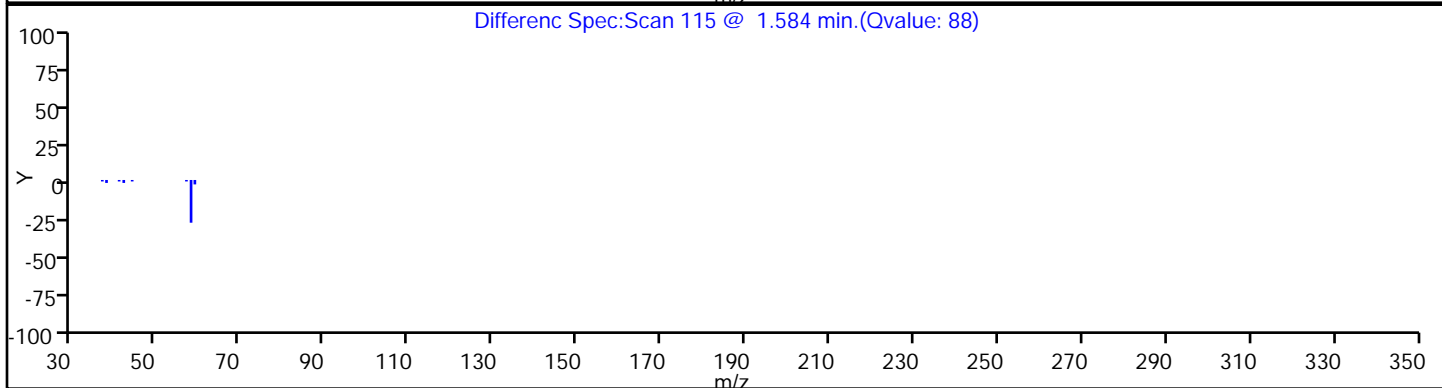
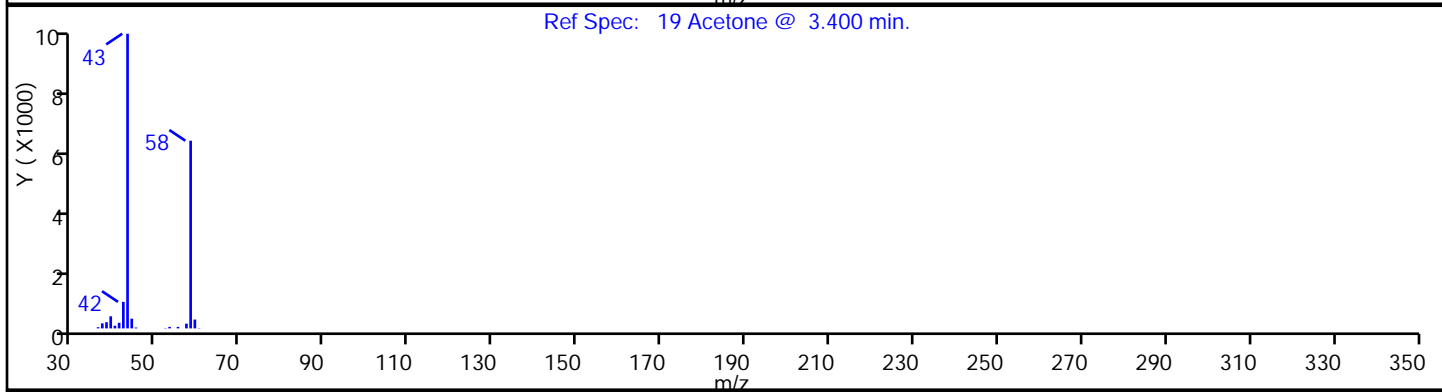
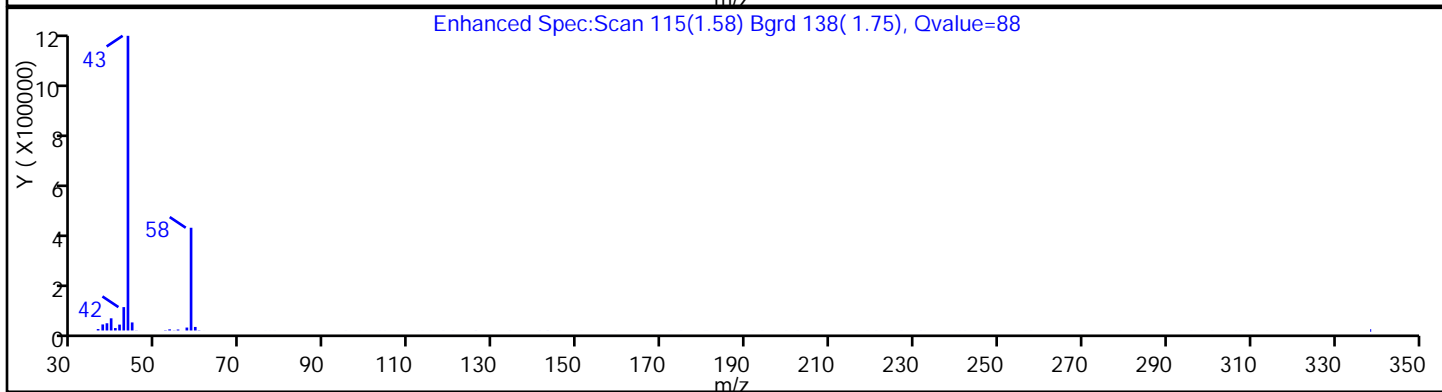
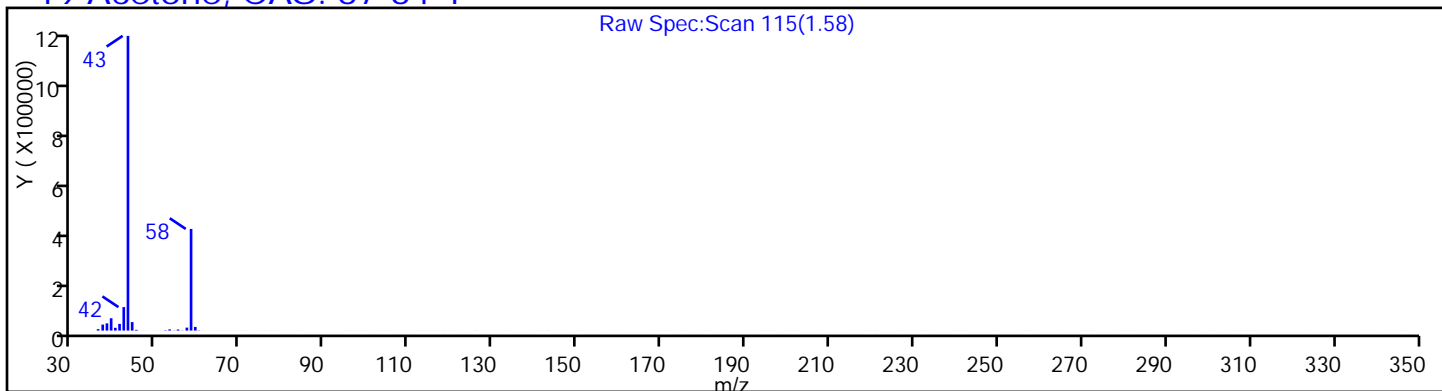
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

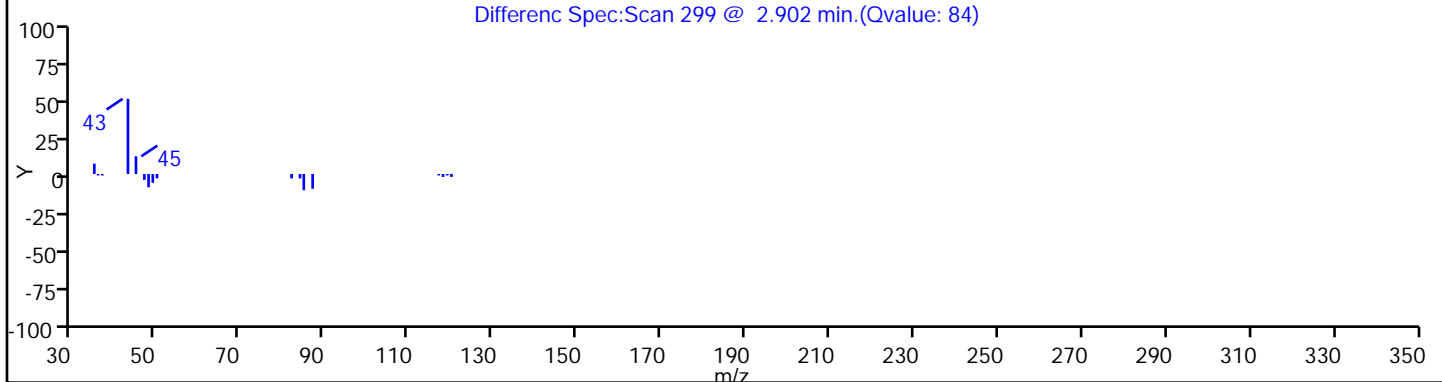
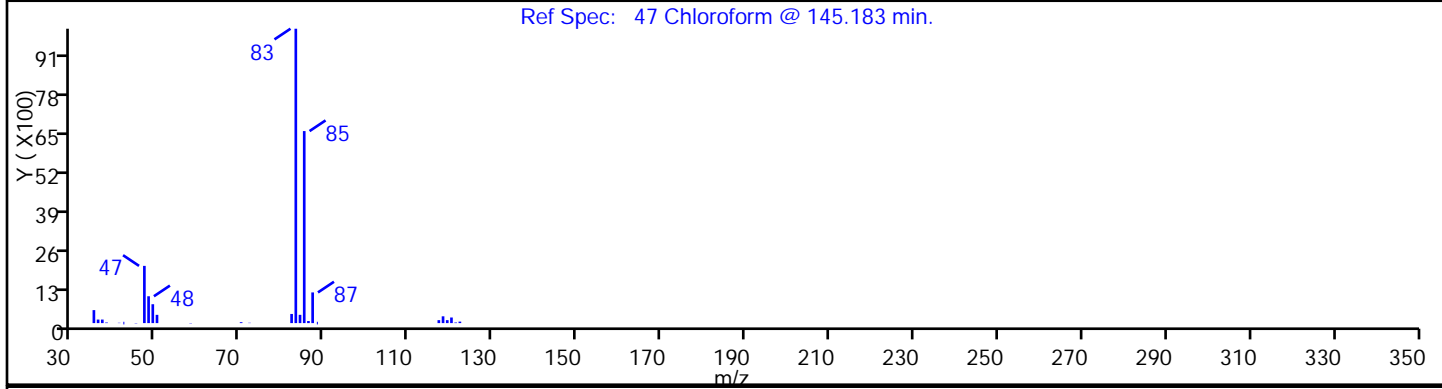
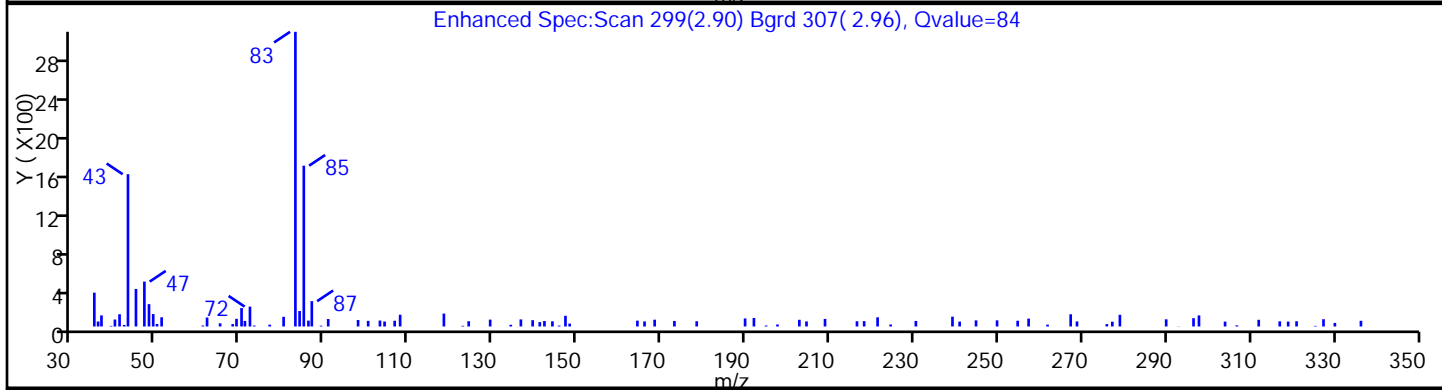
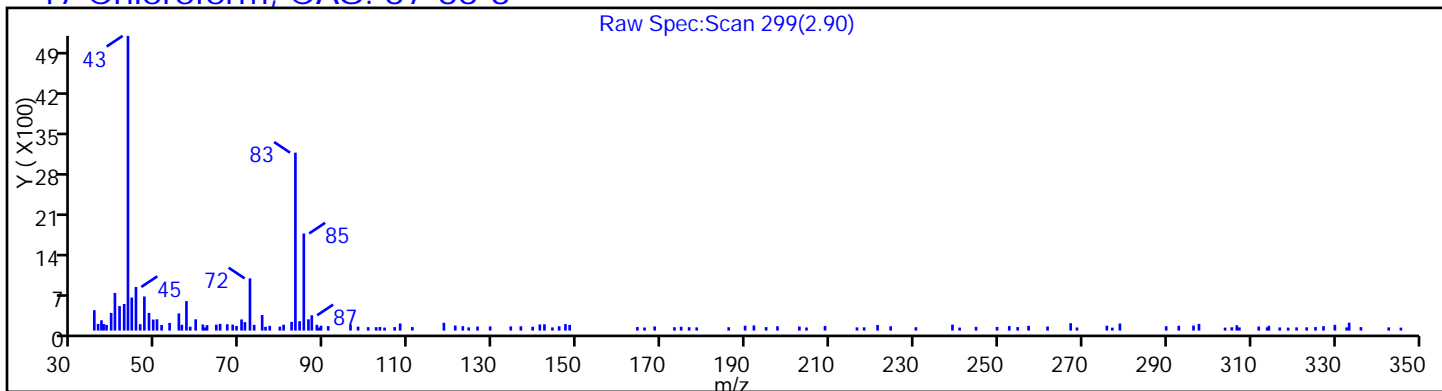
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

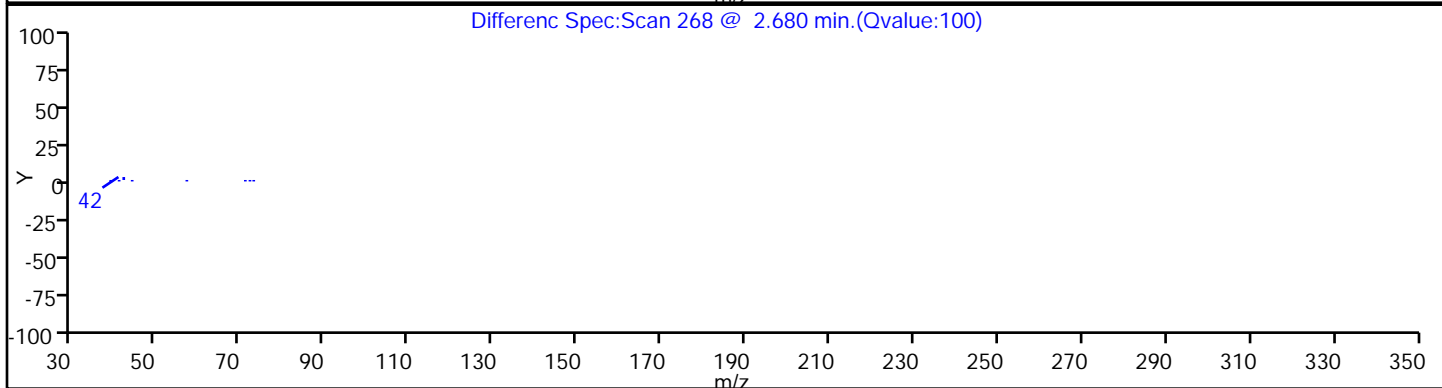
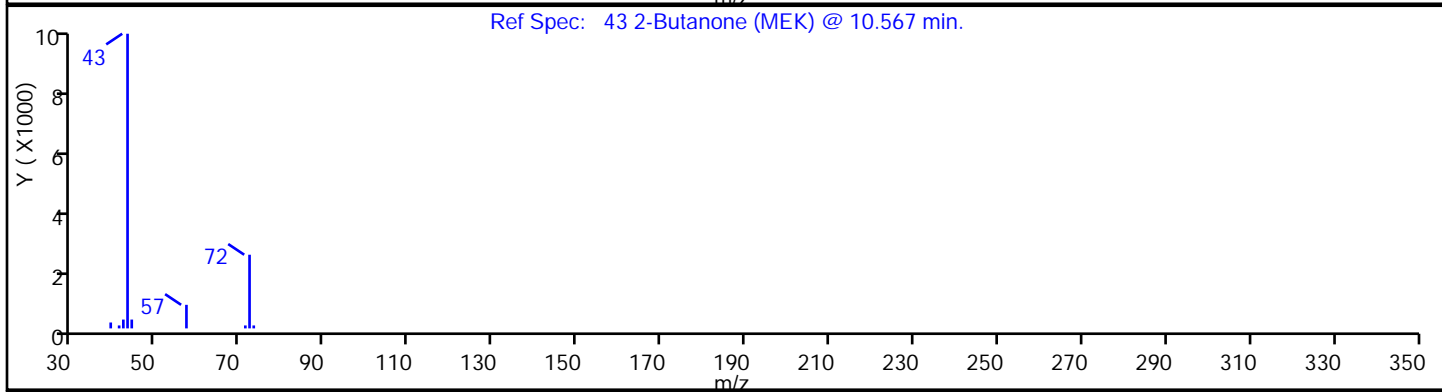
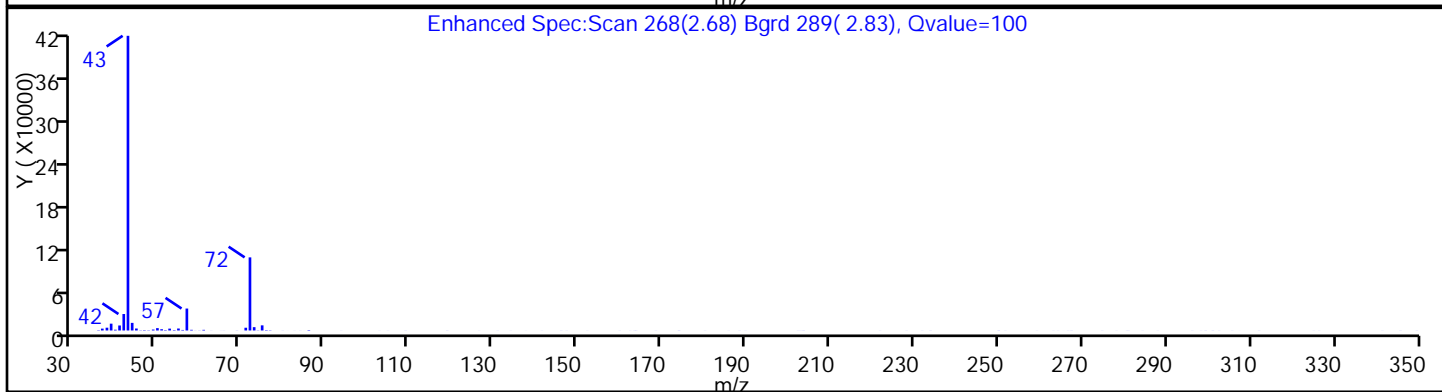
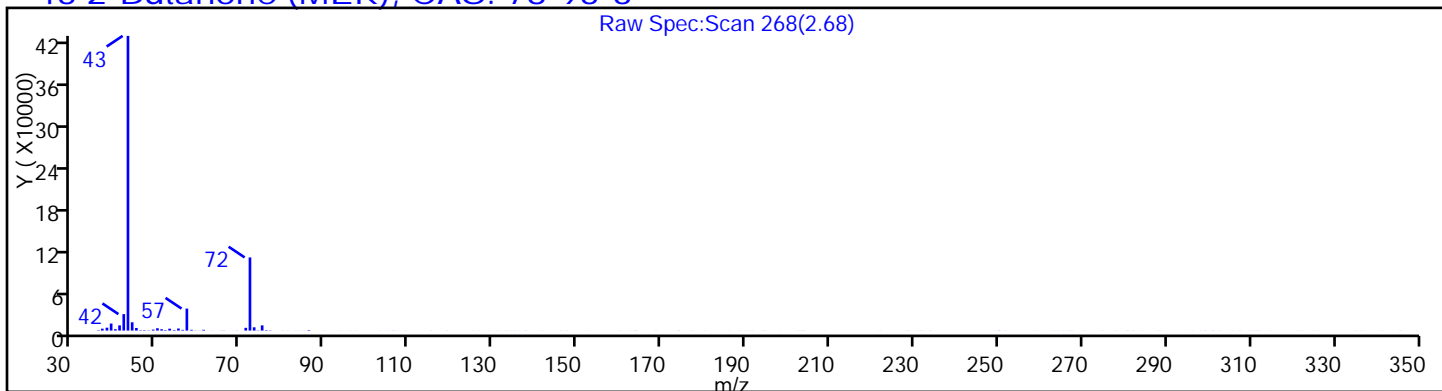
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

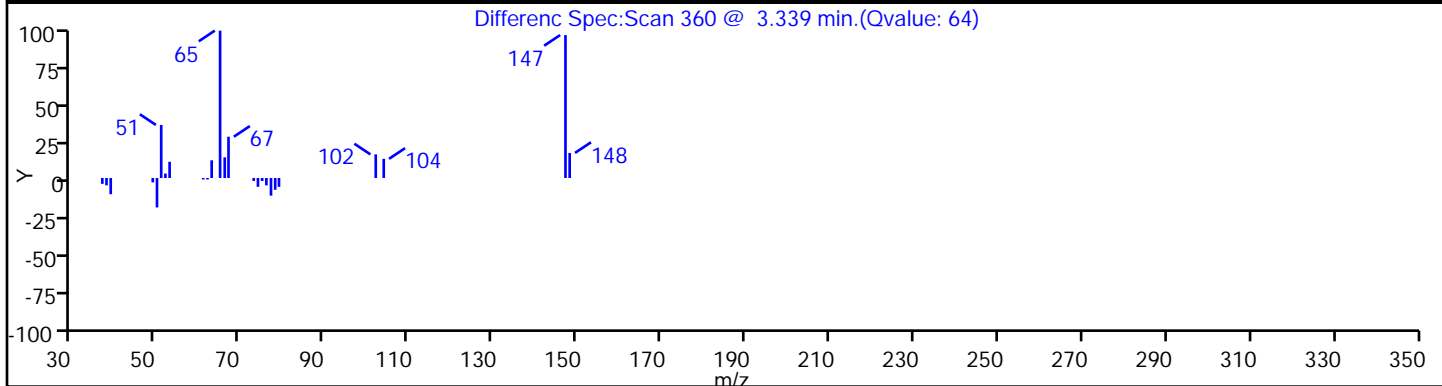
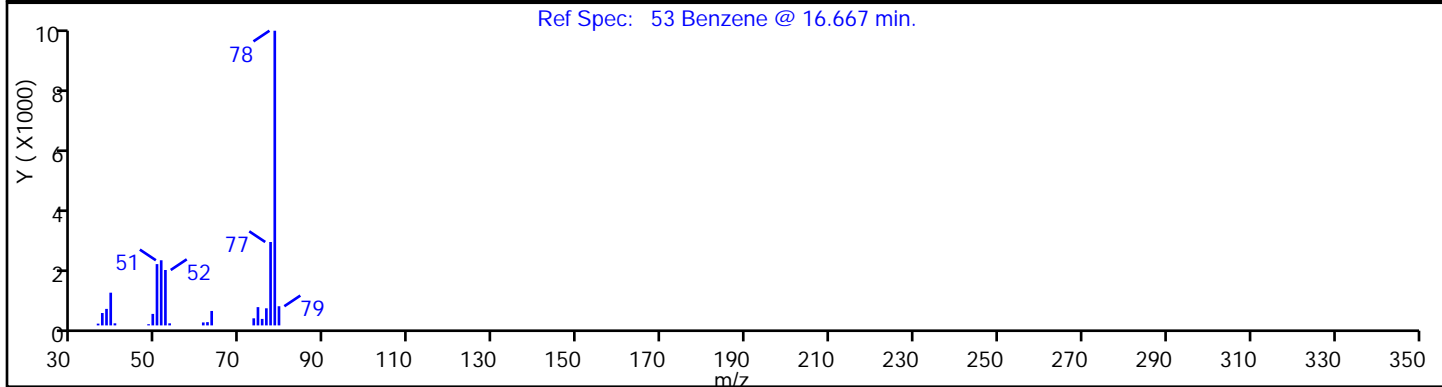
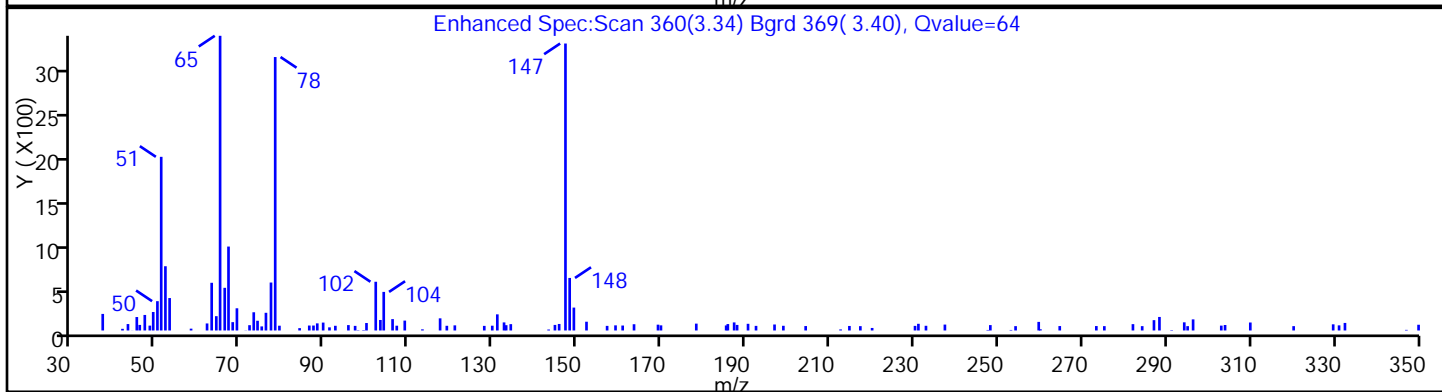
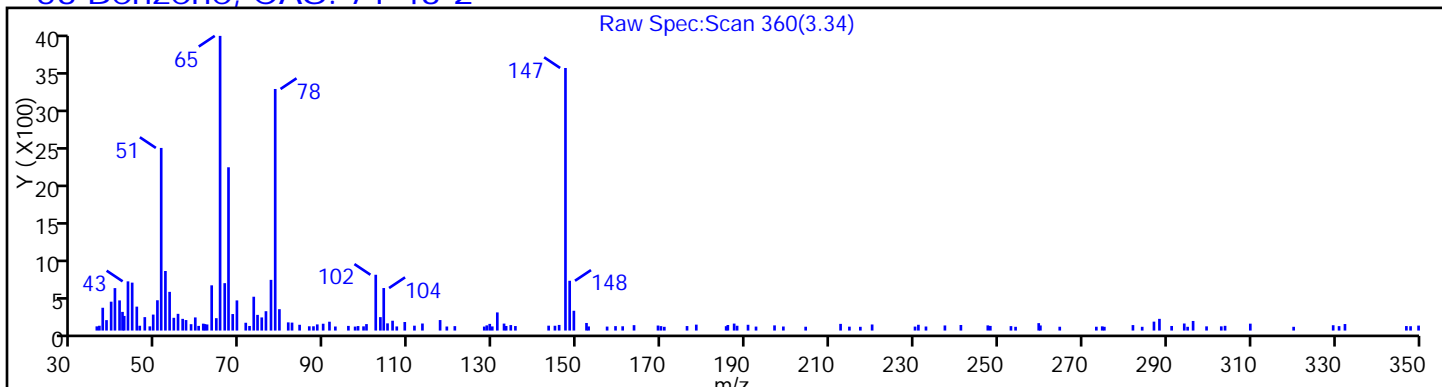
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

53 Benzene, CAS: 71-43-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

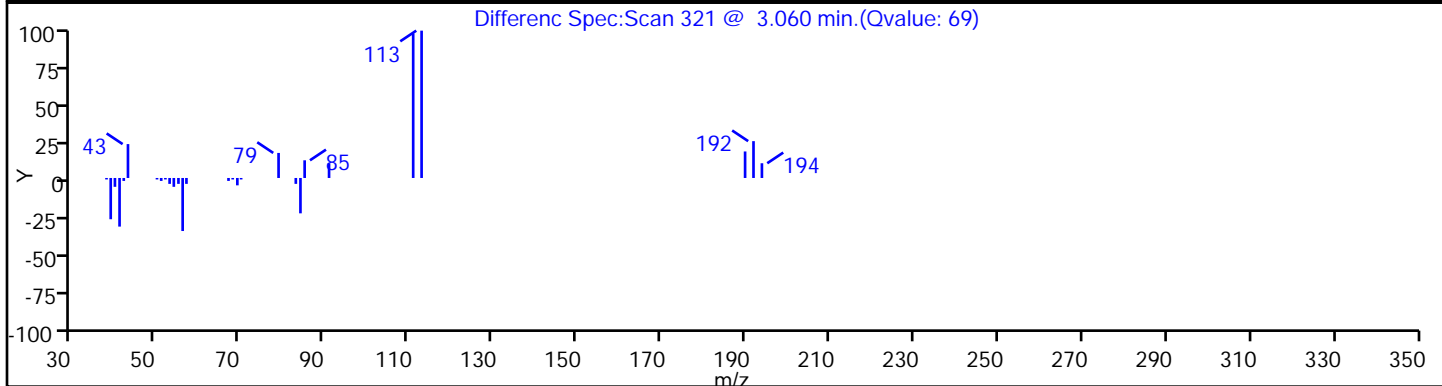
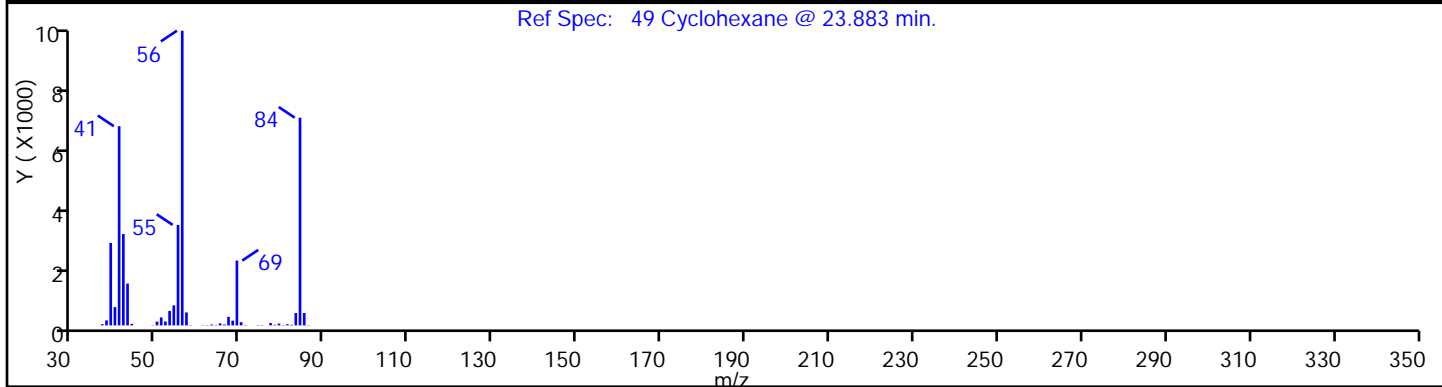
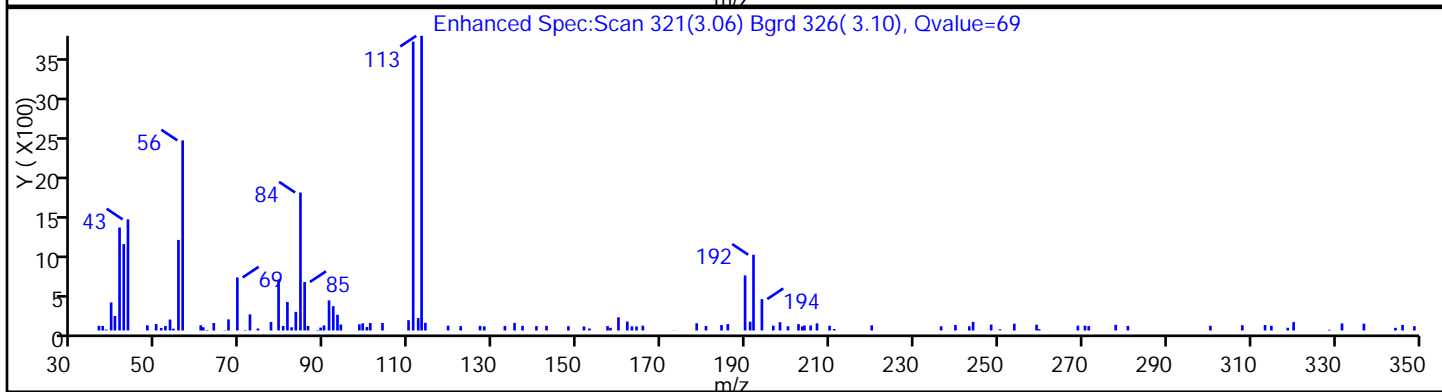
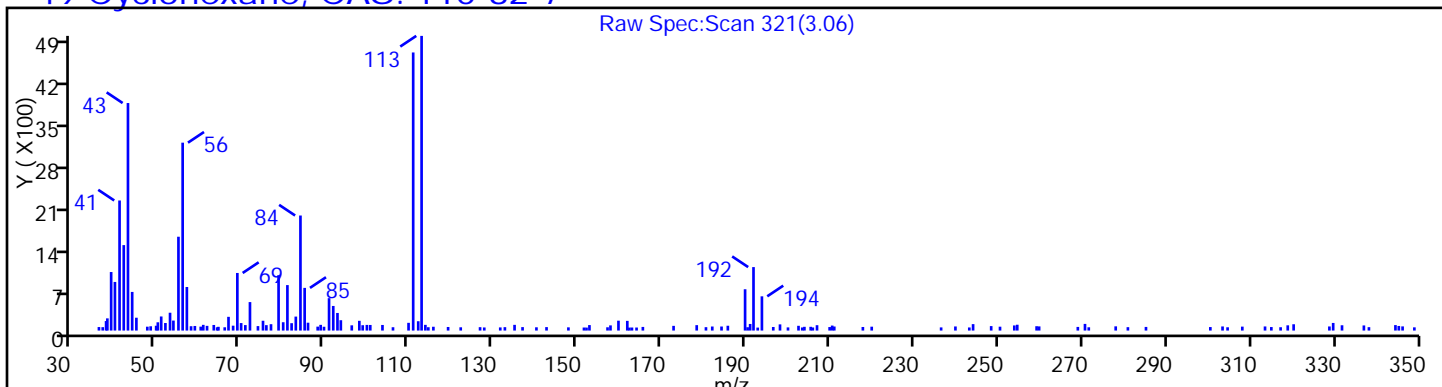
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

49 Cyclohexane, CAS: 110-82-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

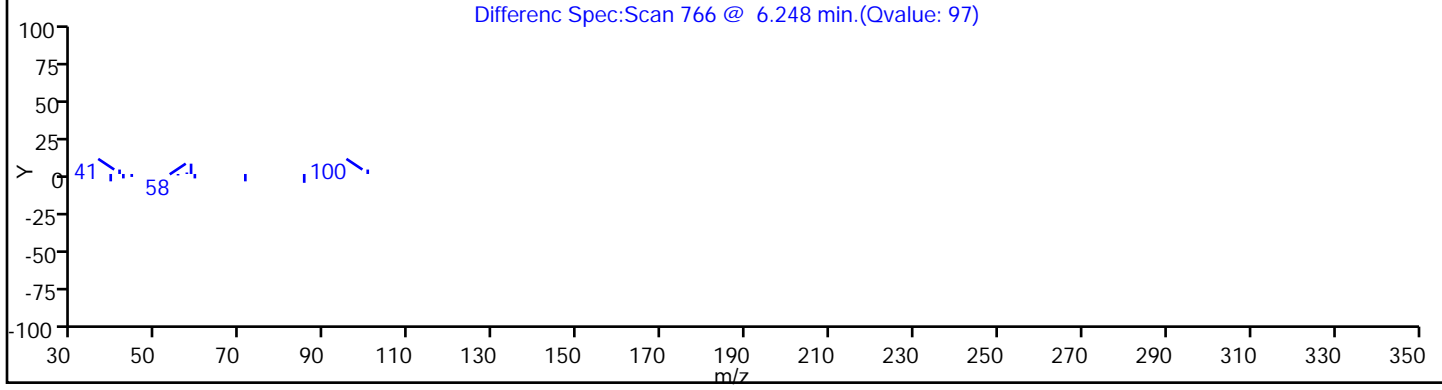
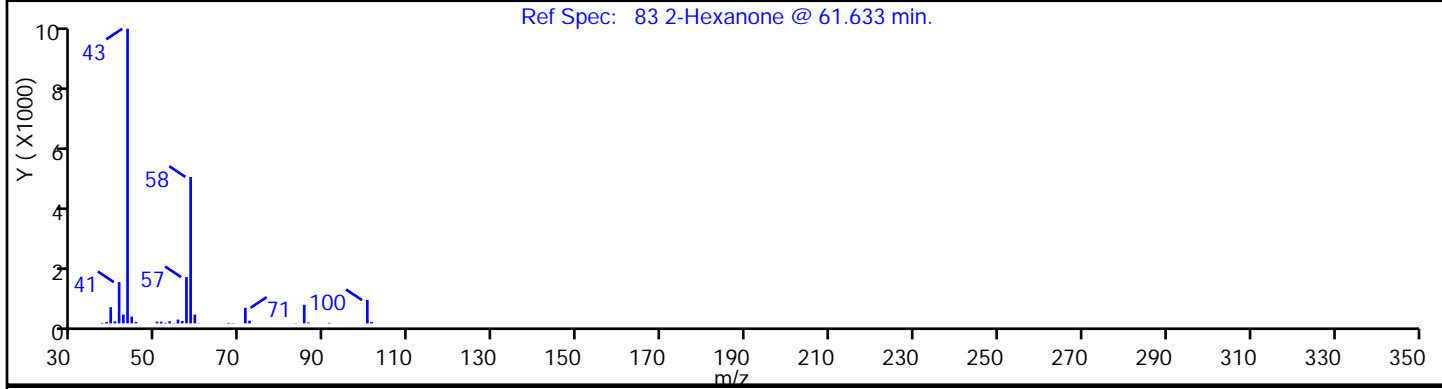
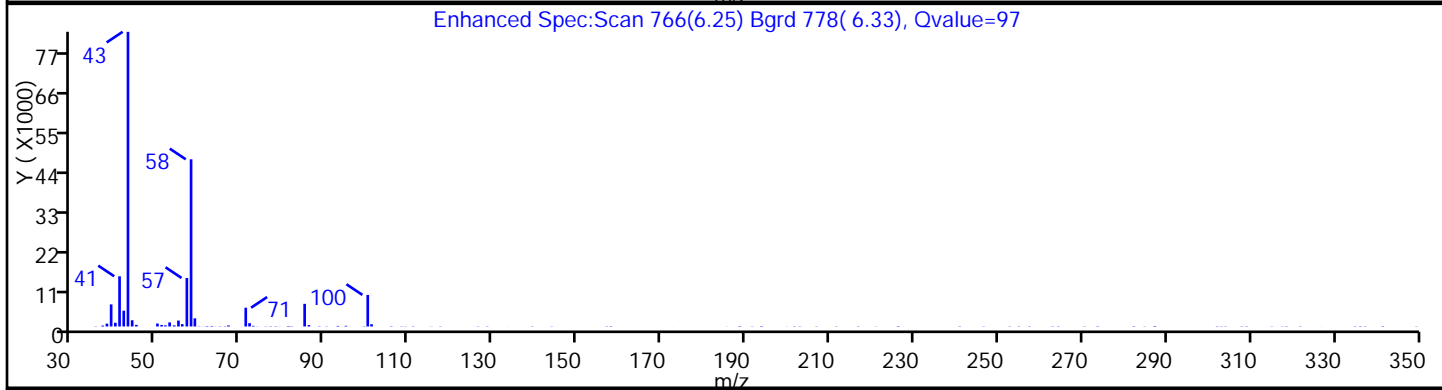
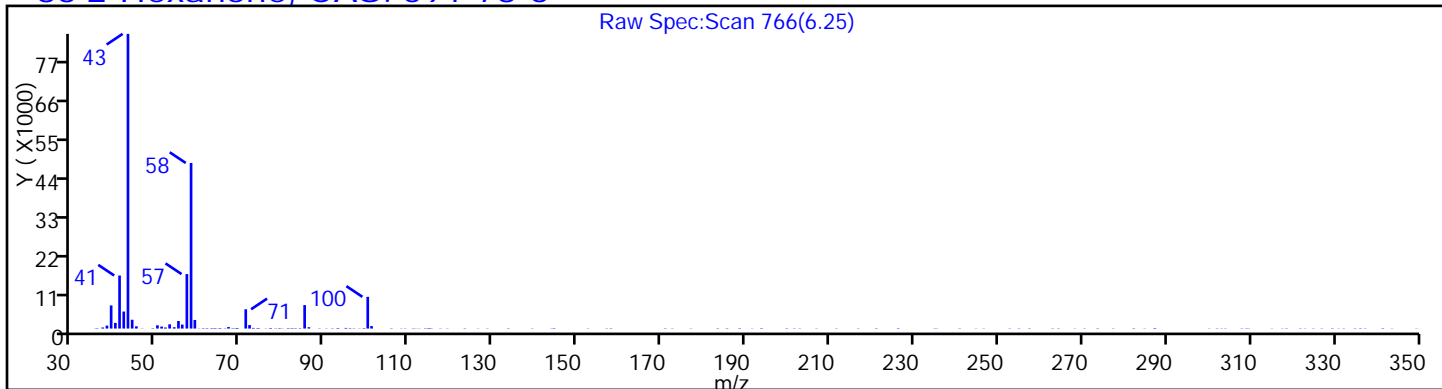
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

83 2-Hexanone, CAS: 591-78-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

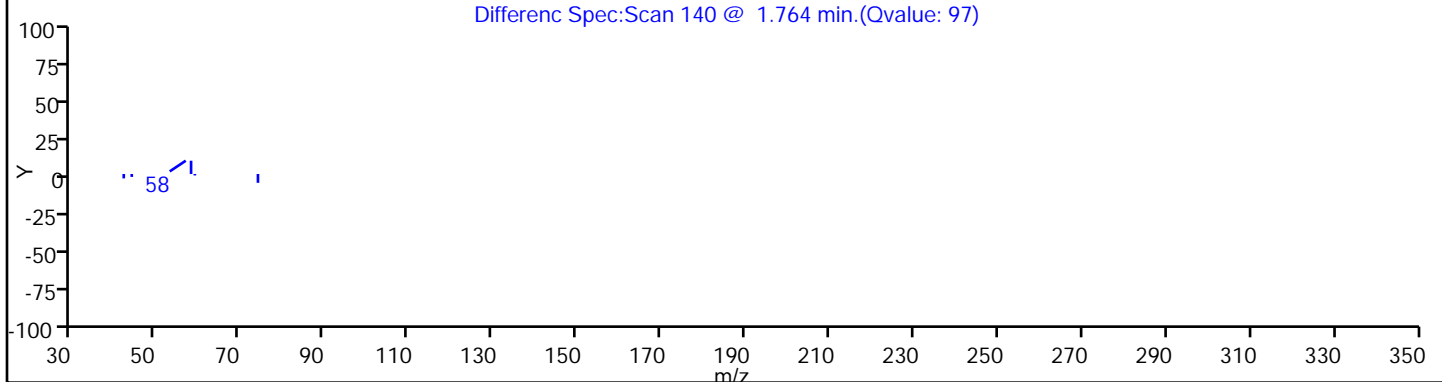
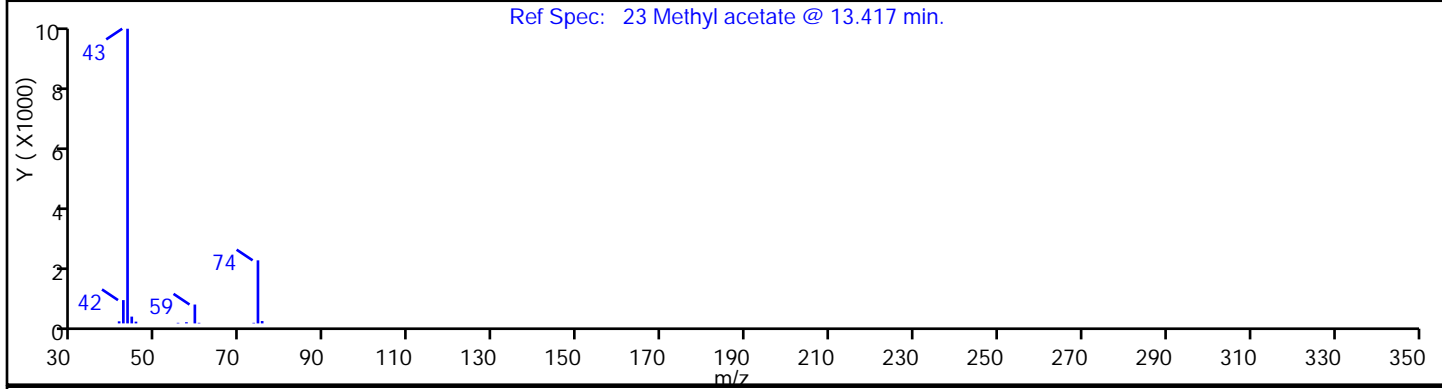
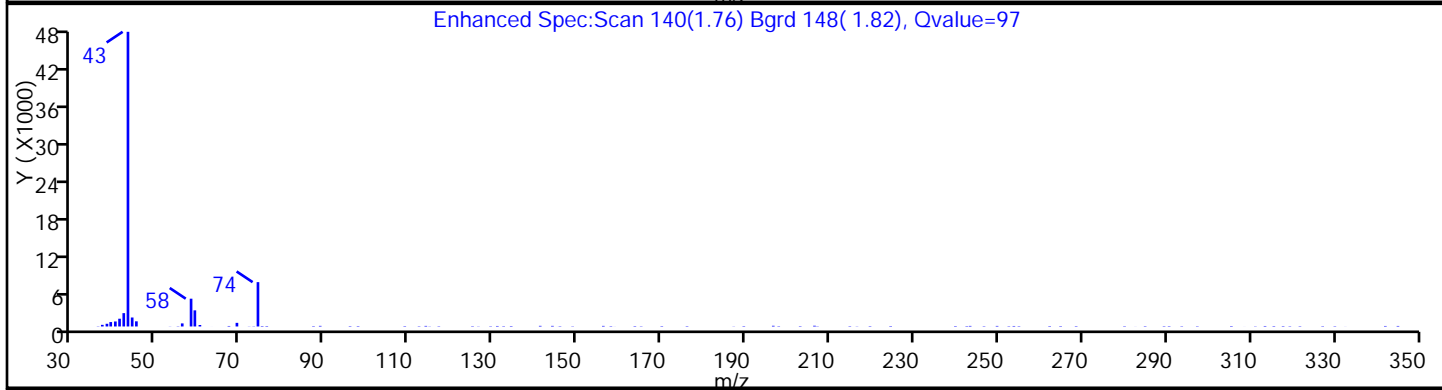
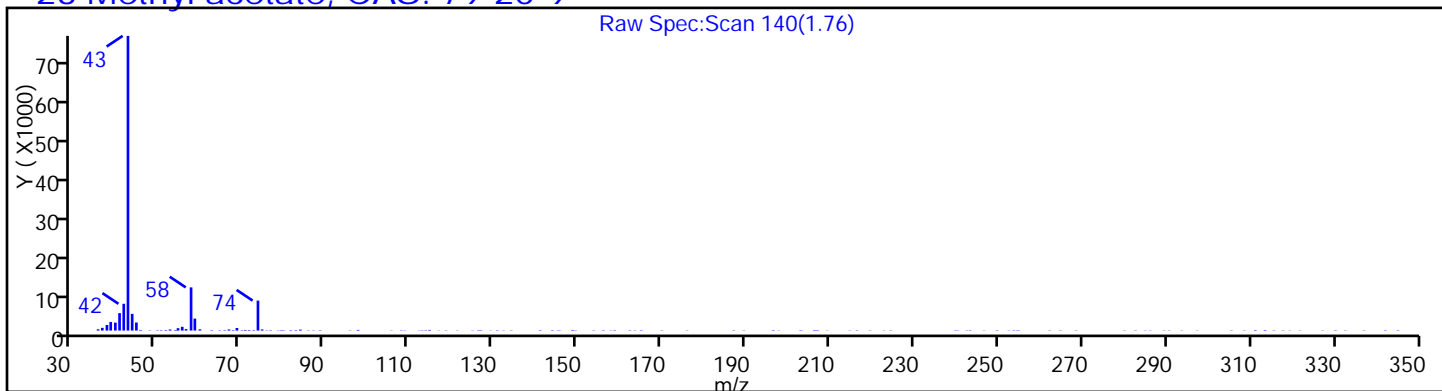
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

23 Methyl acetate, CAS: 79-20-9



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

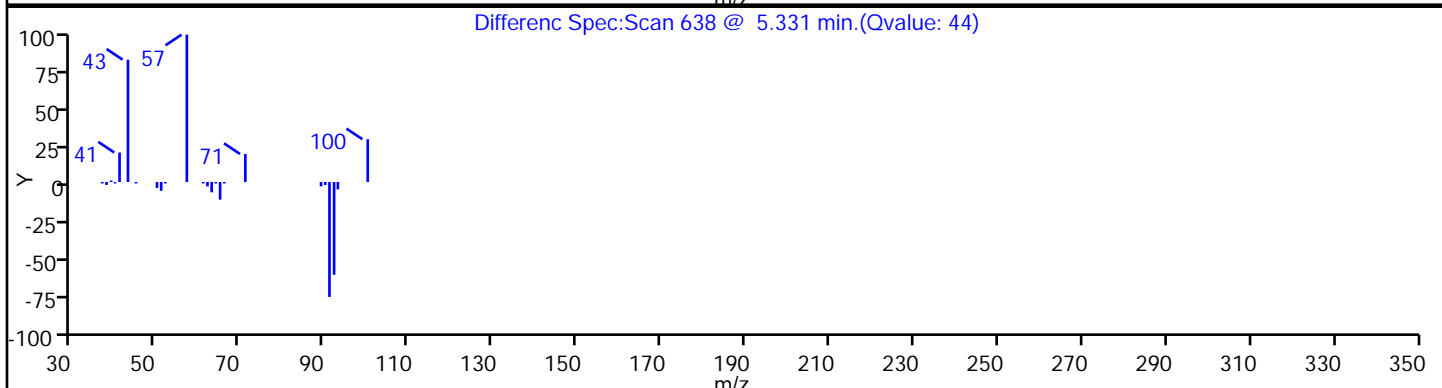
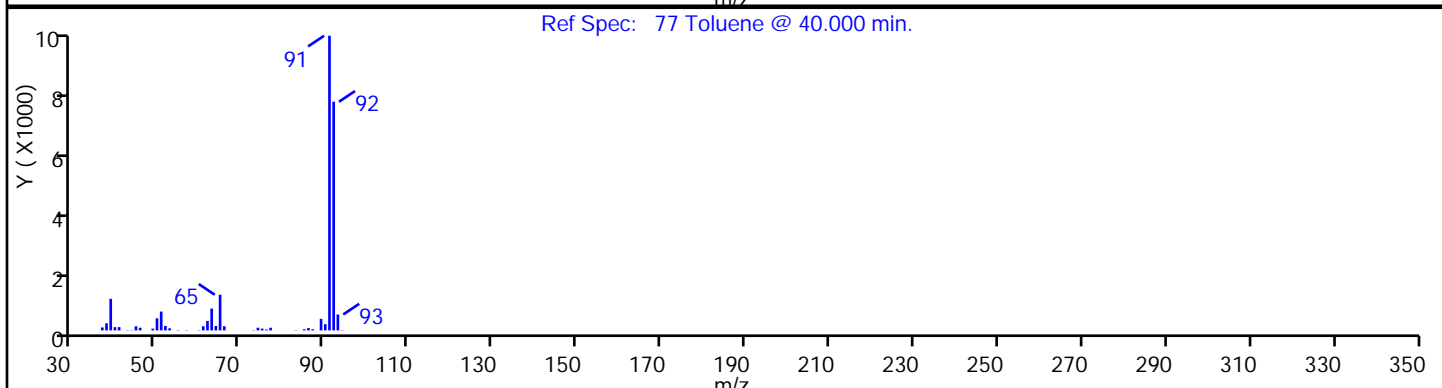
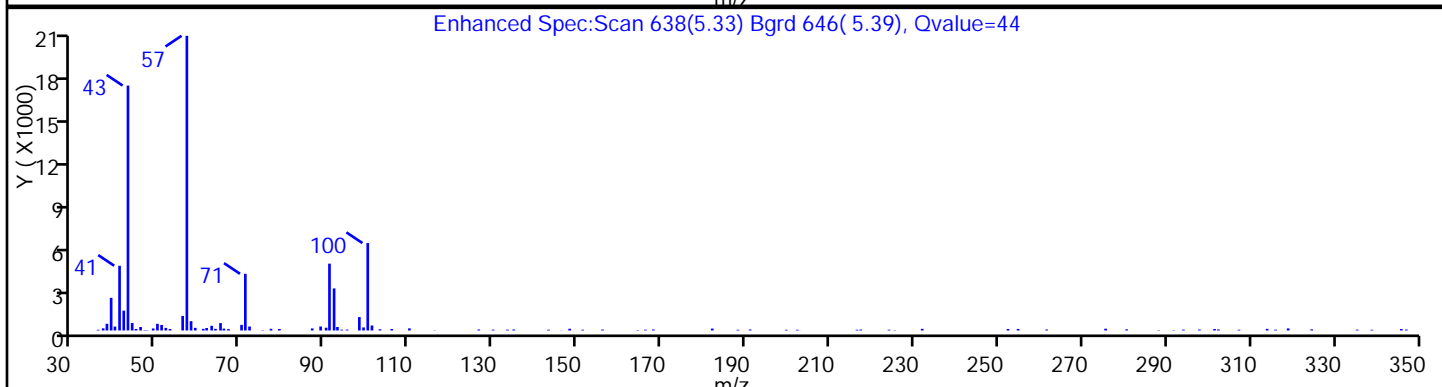
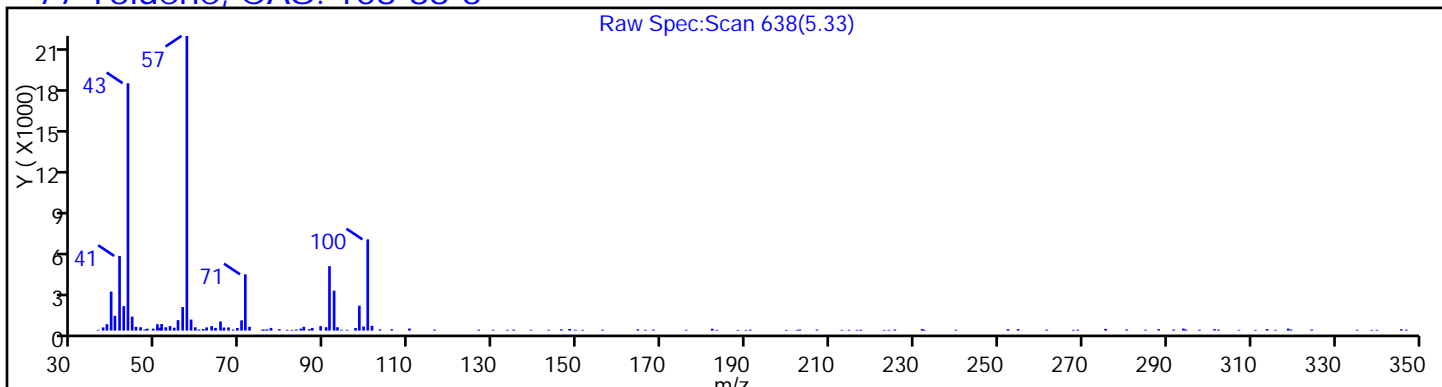
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

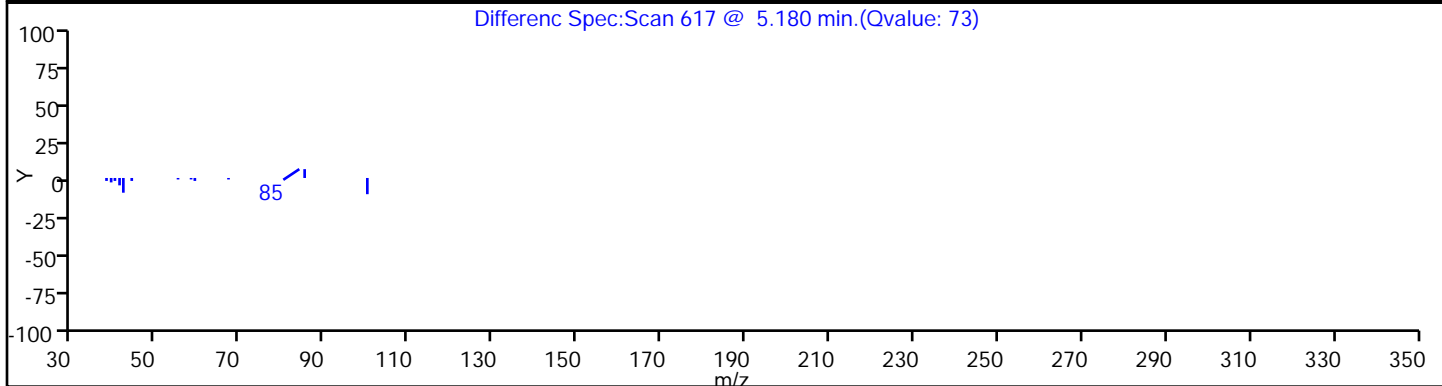
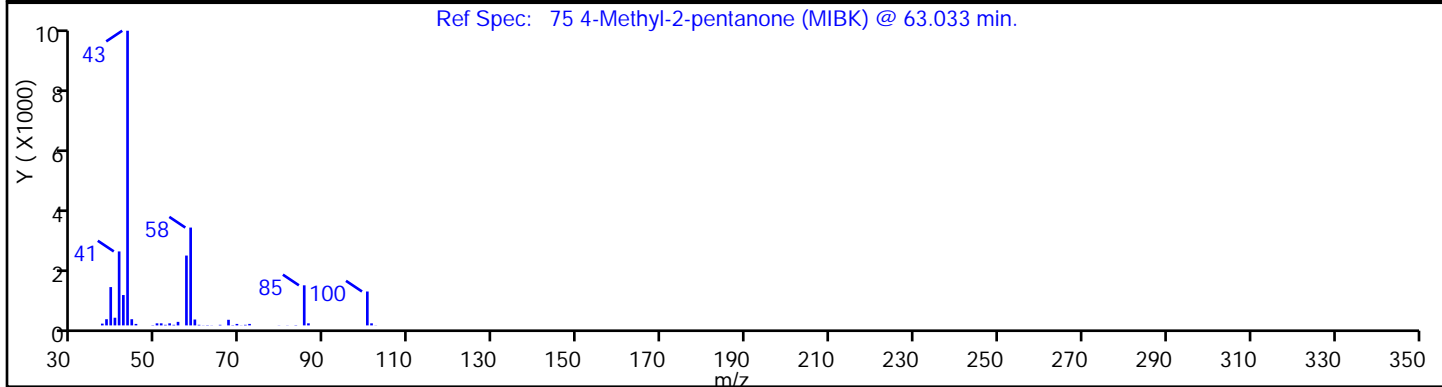
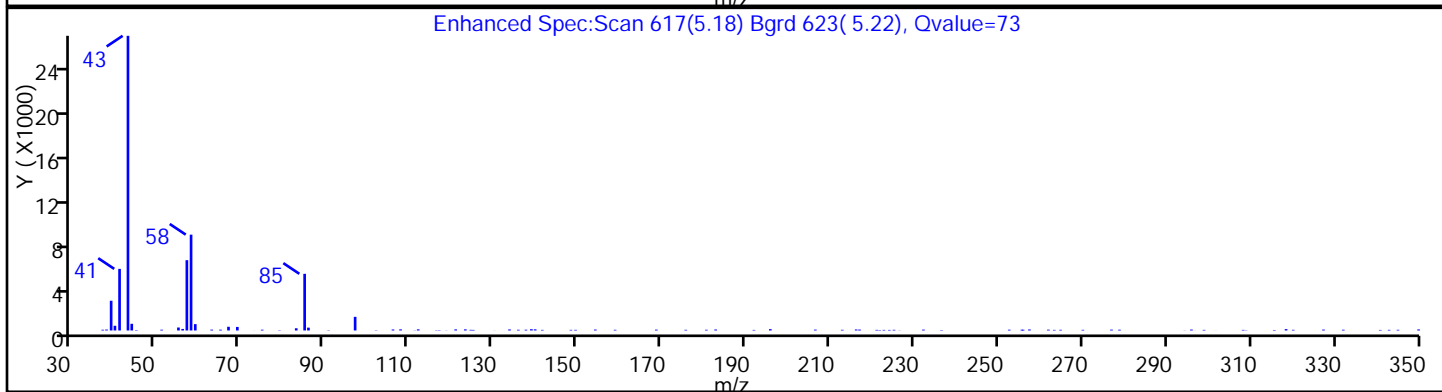
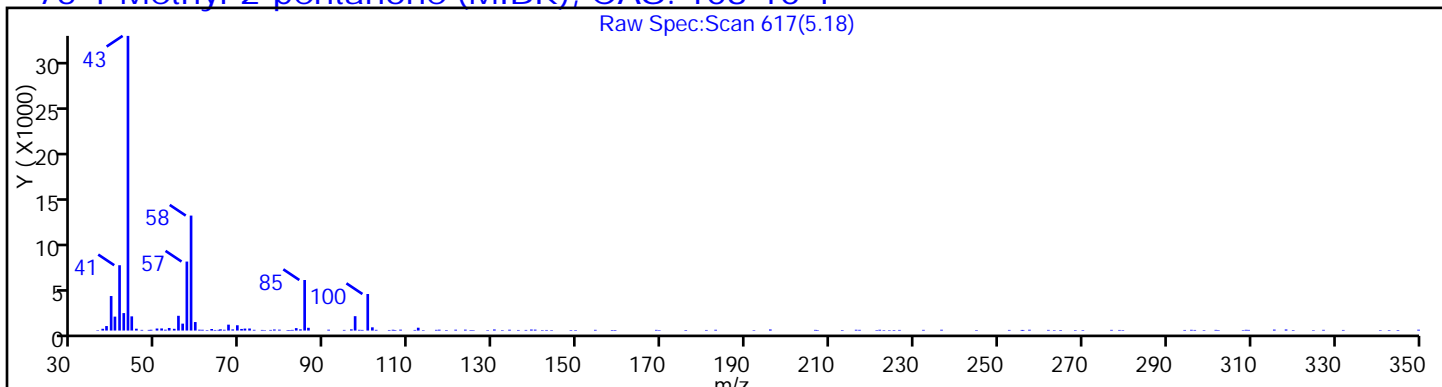
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

75 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

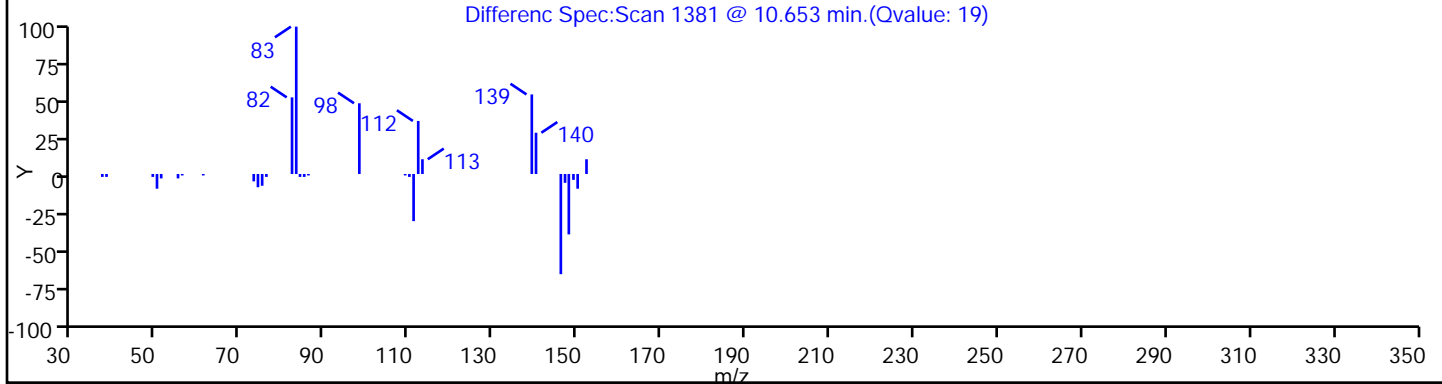
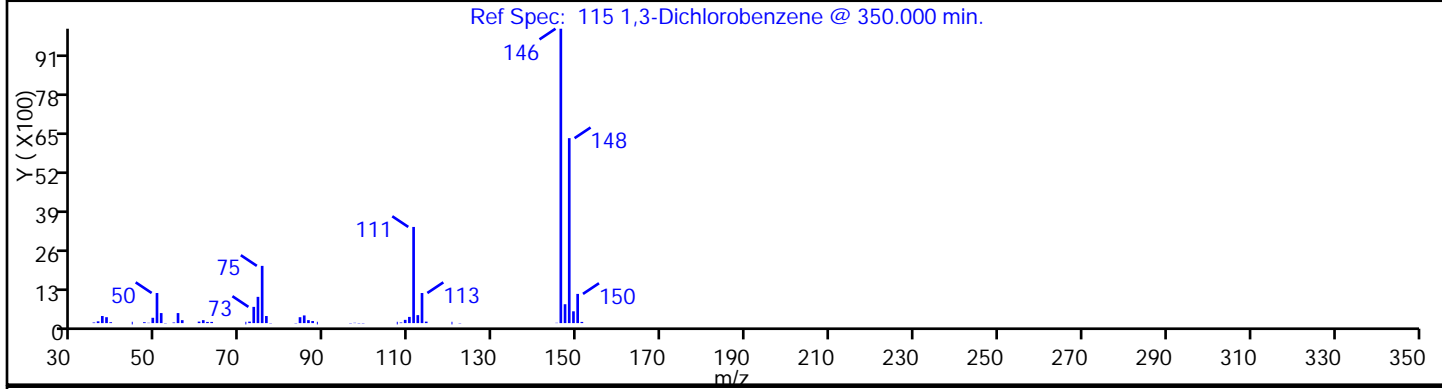
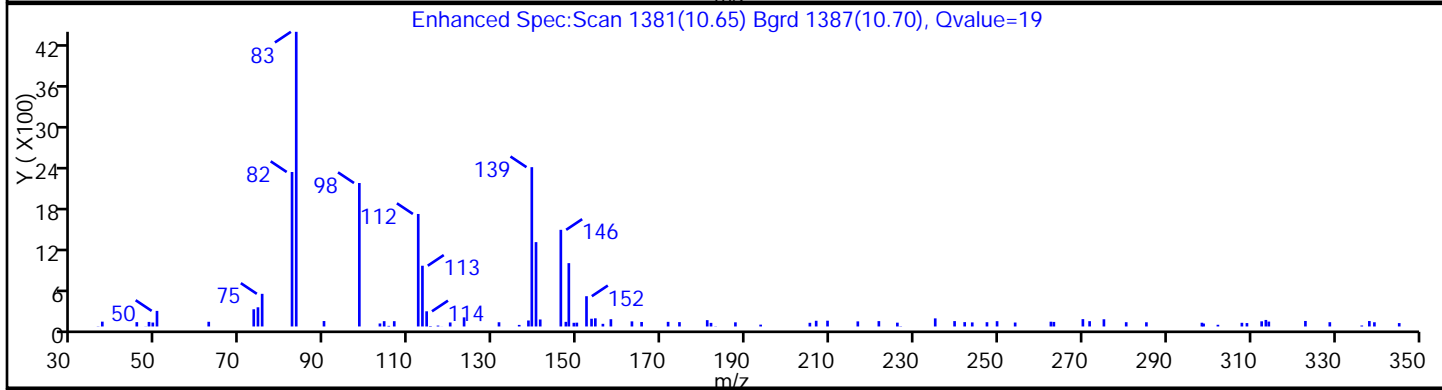
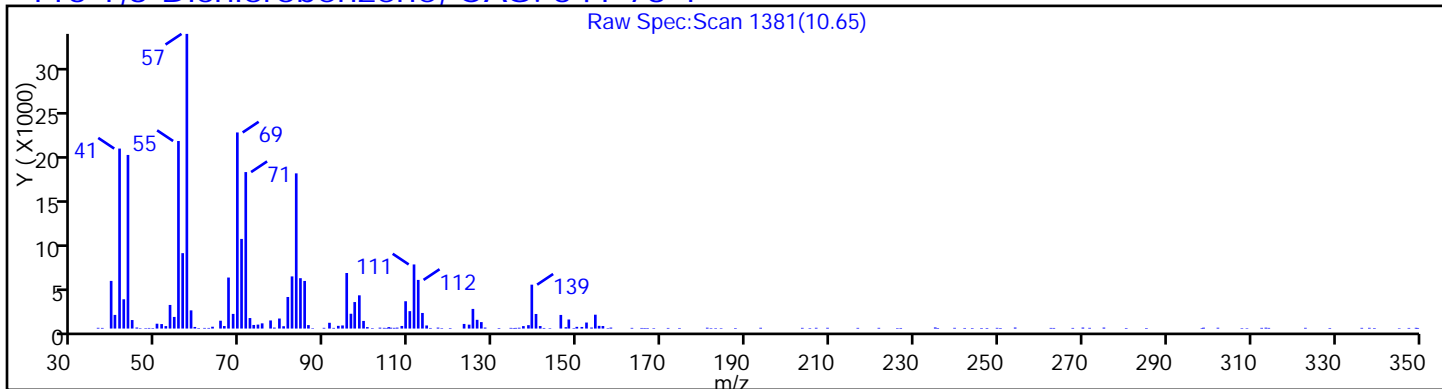
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

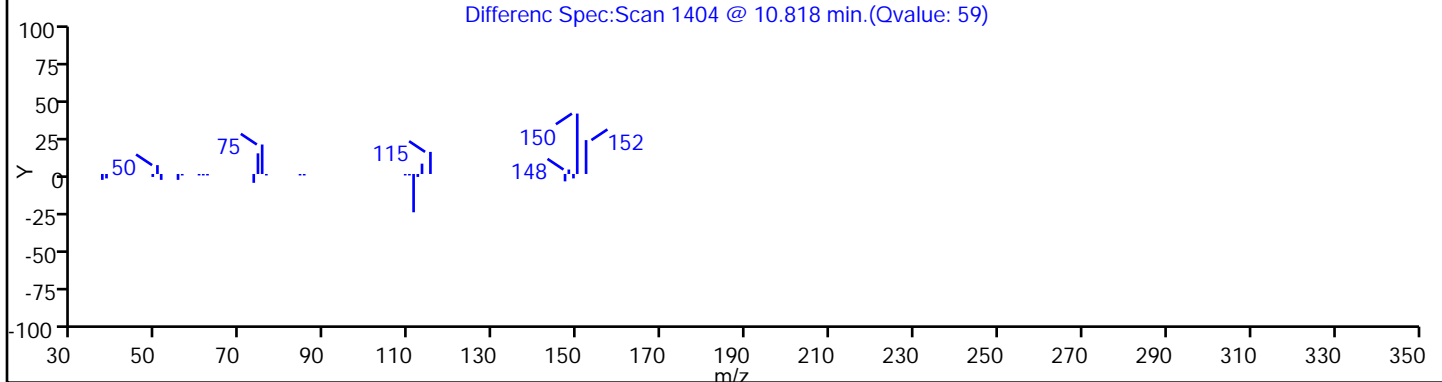
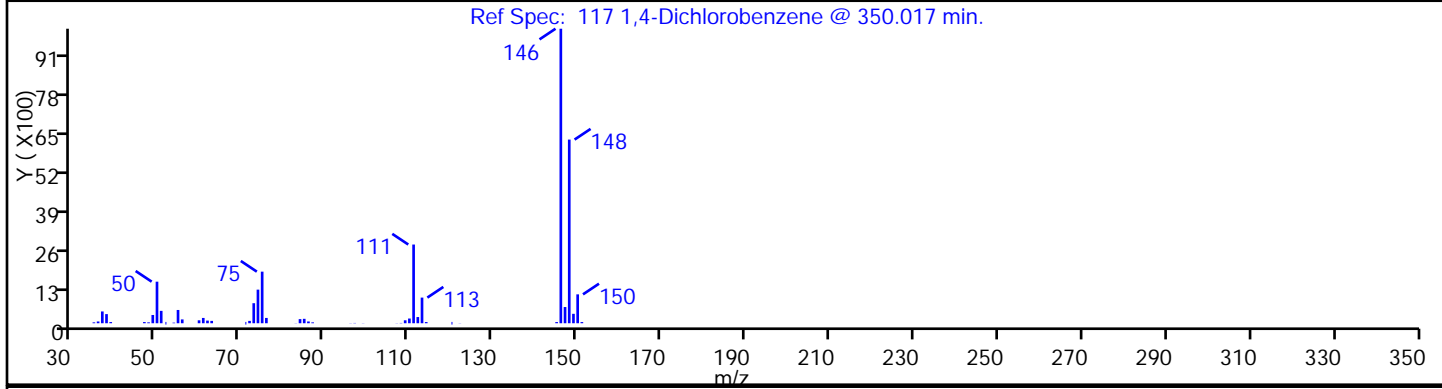
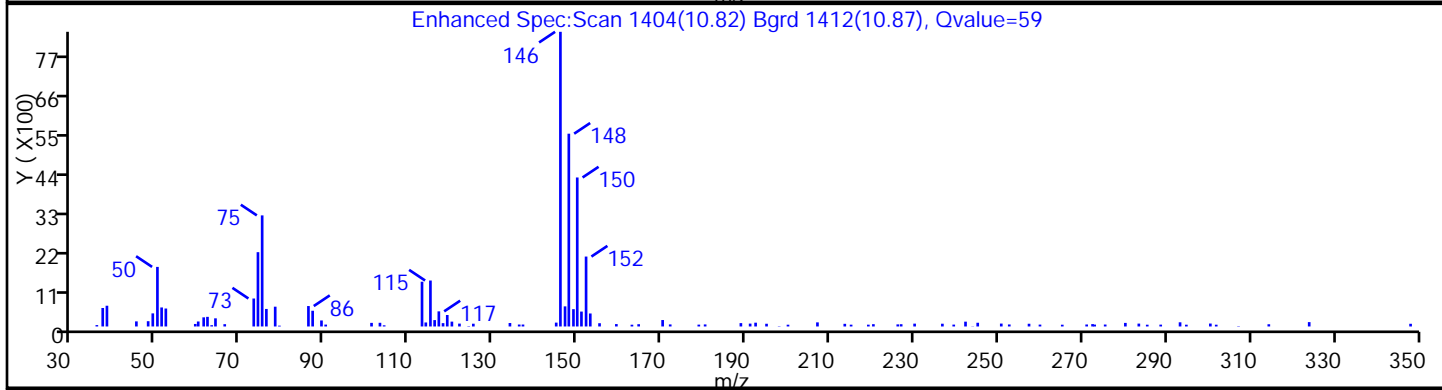
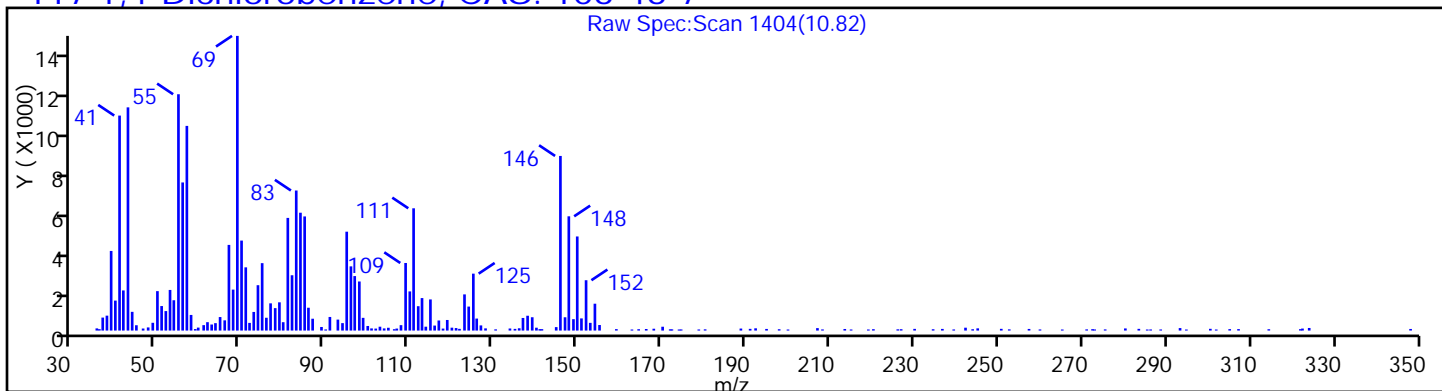
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

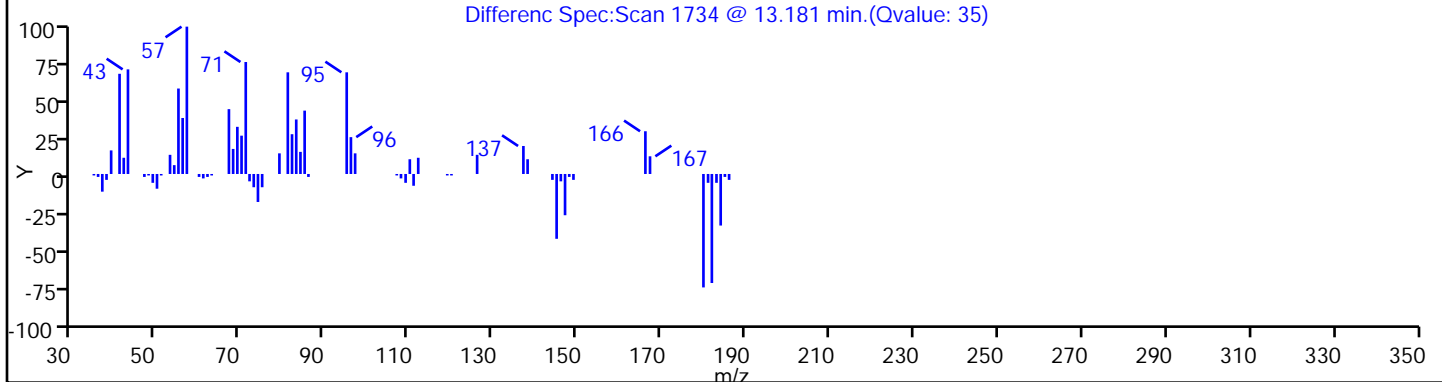
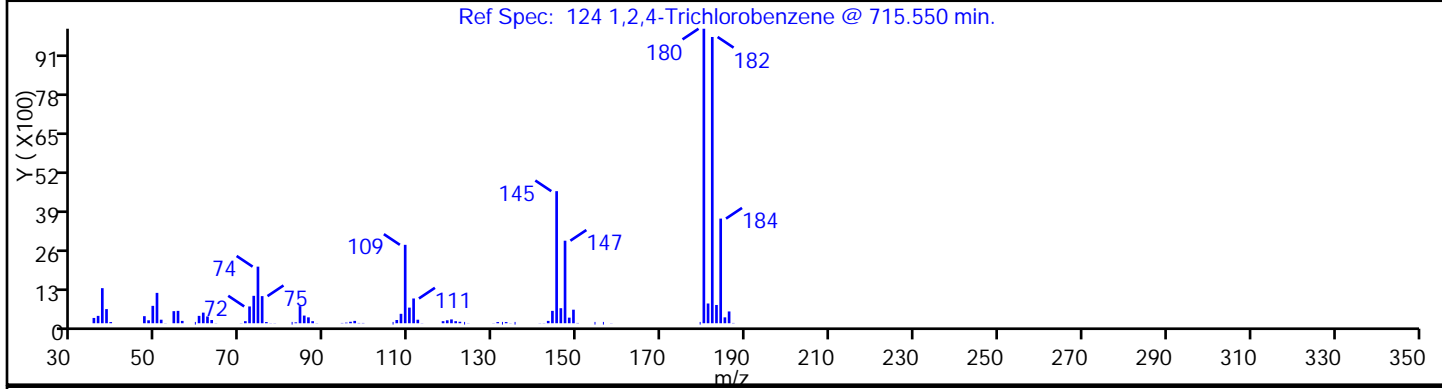
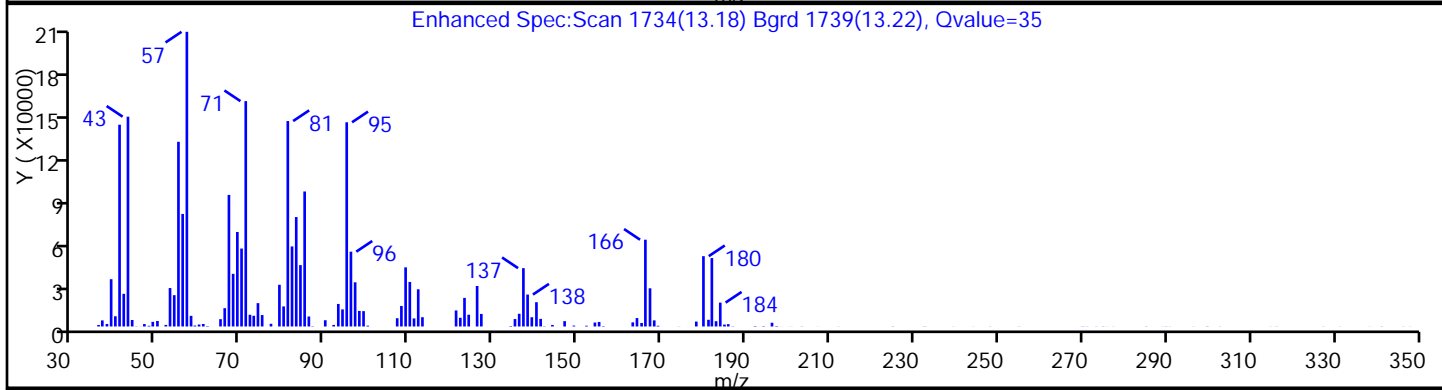
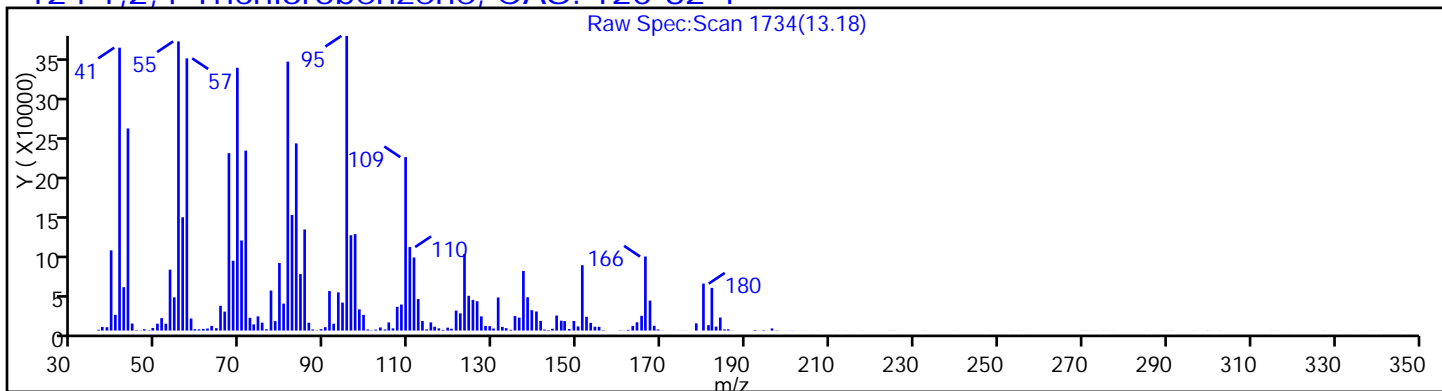
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

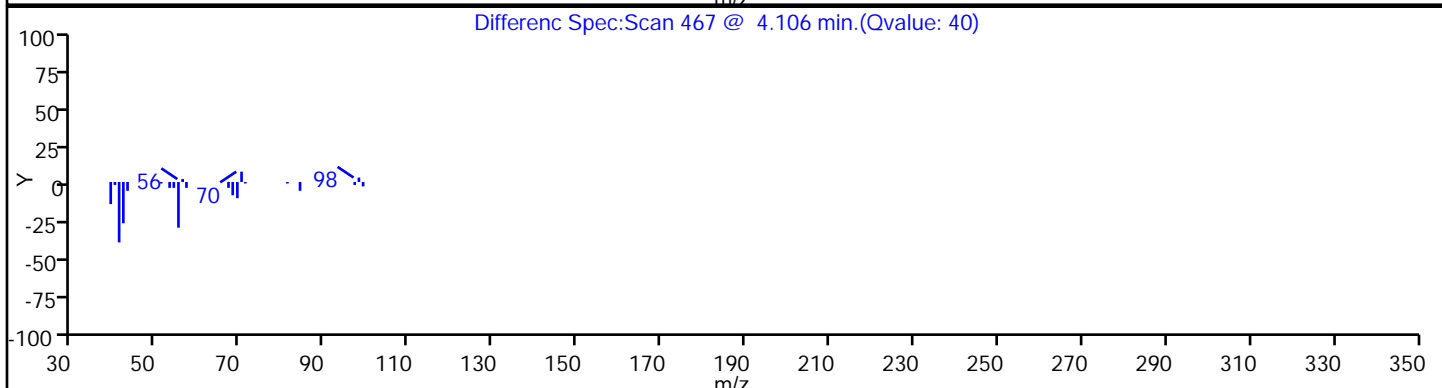
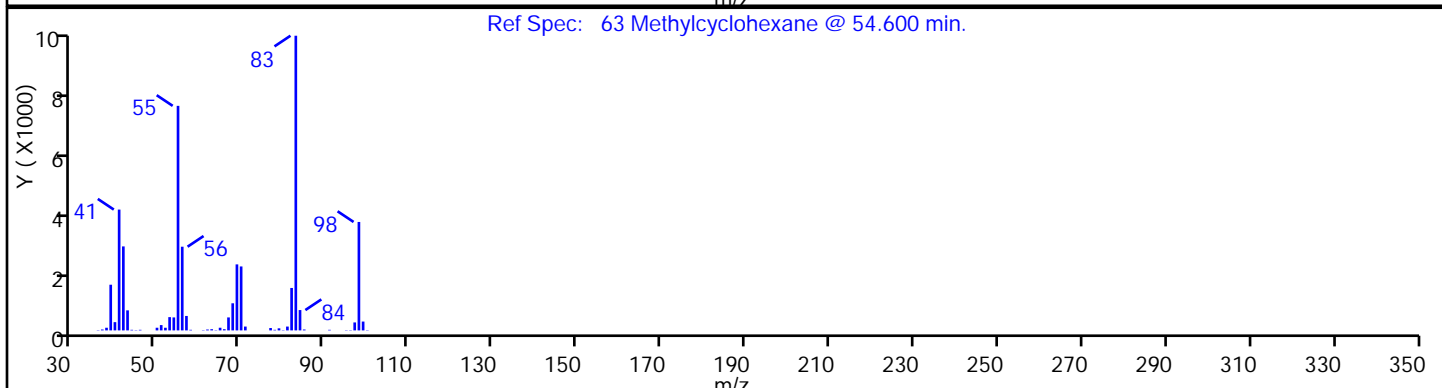
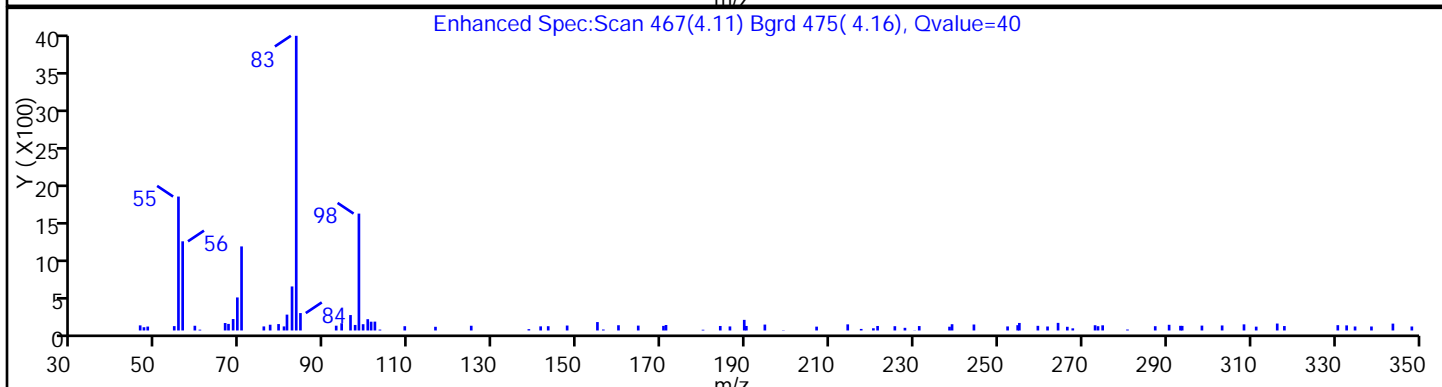
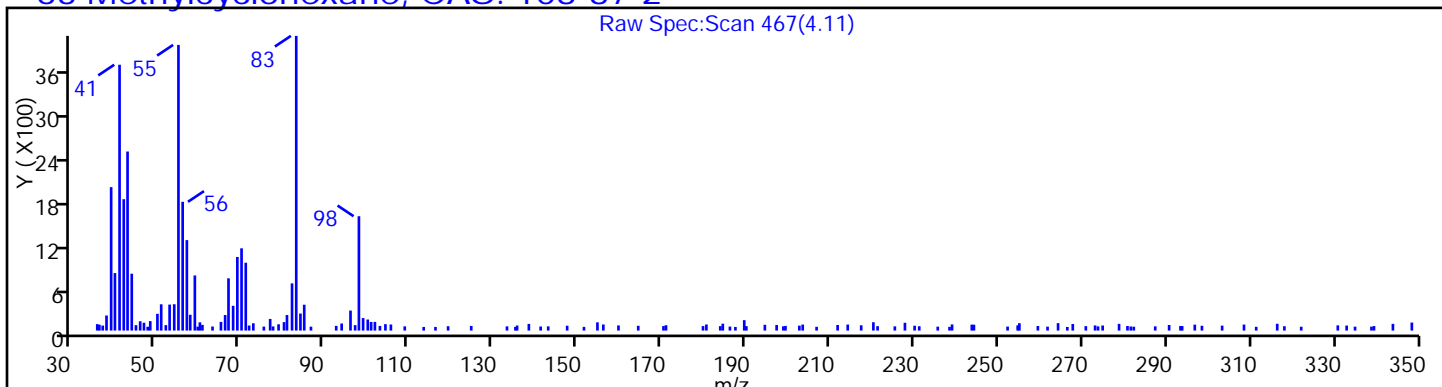
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

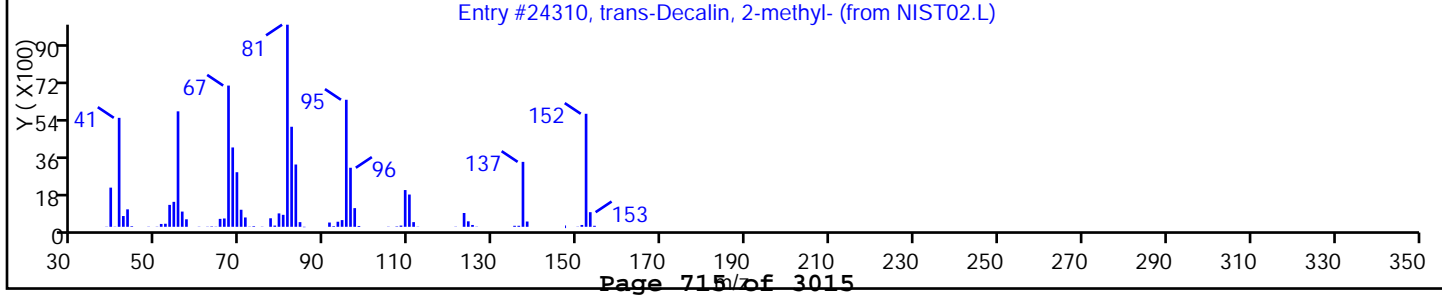
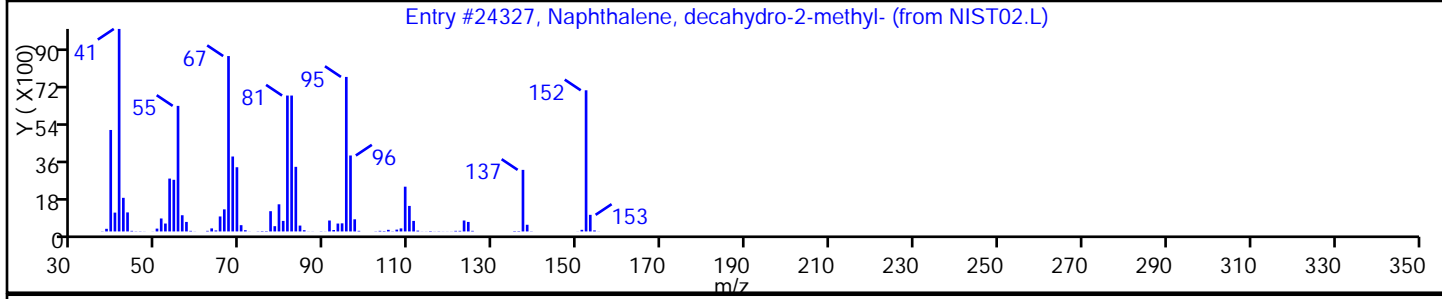
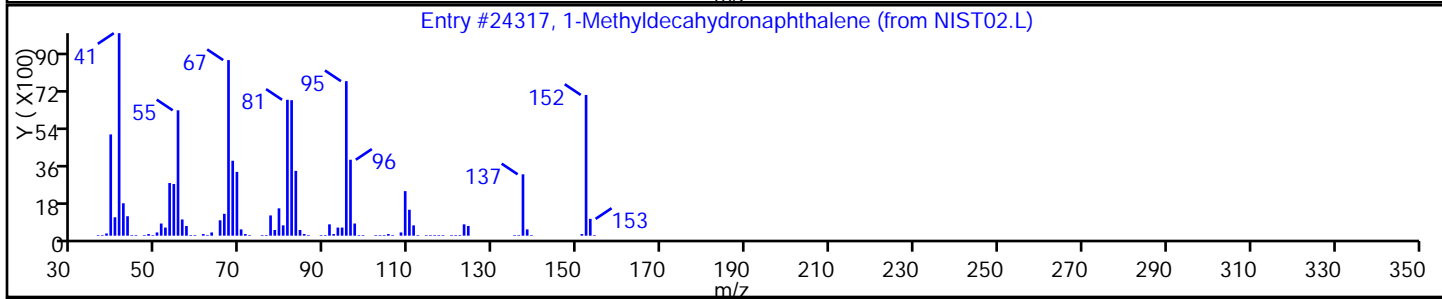
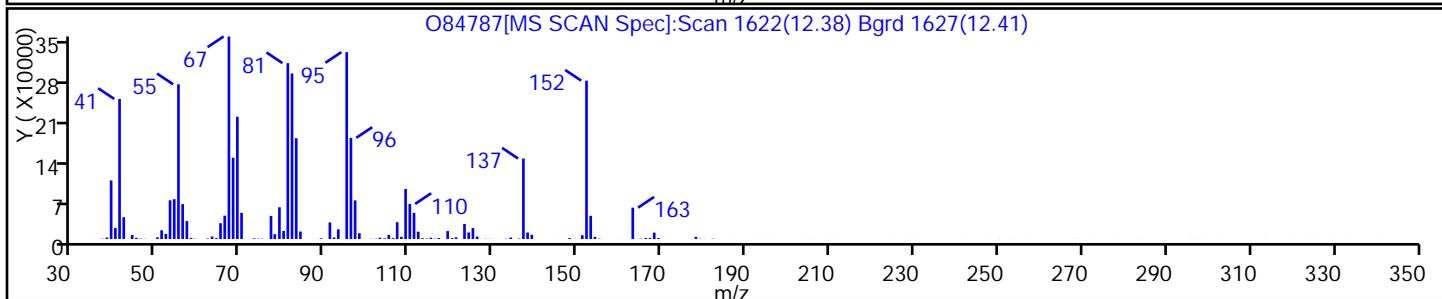
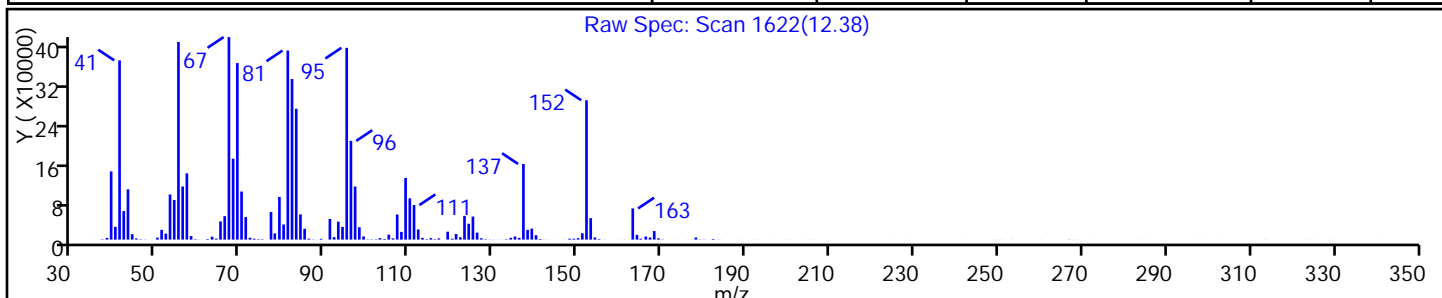
Method: 8260S_12

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	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

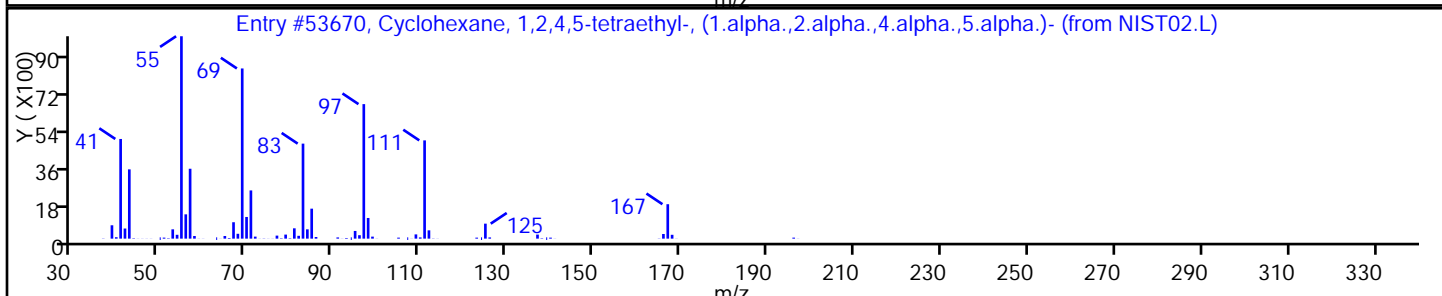
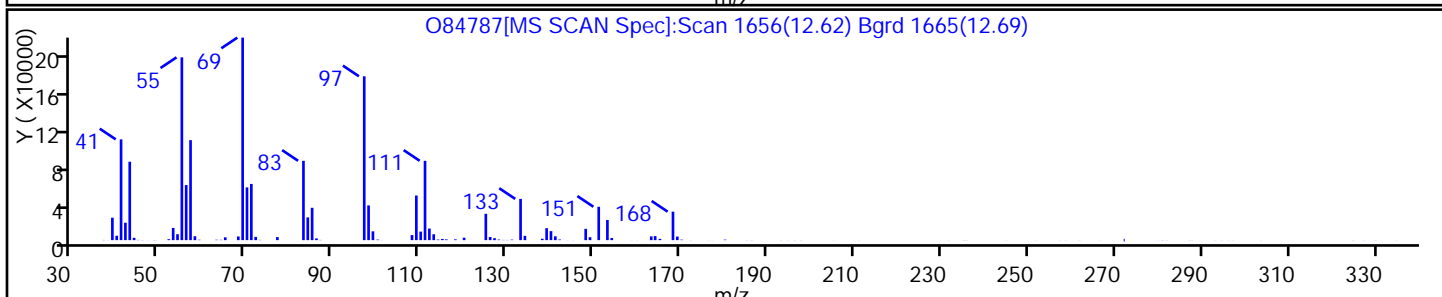
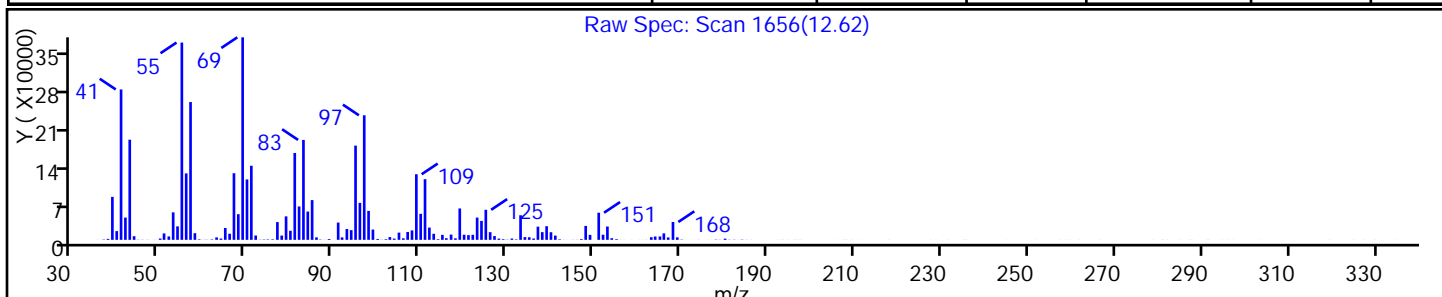
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,2,4,5-tetraethyl-, (1.alpha.	61142-24-3	NIST02.L	53670	C14H28	196	50



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

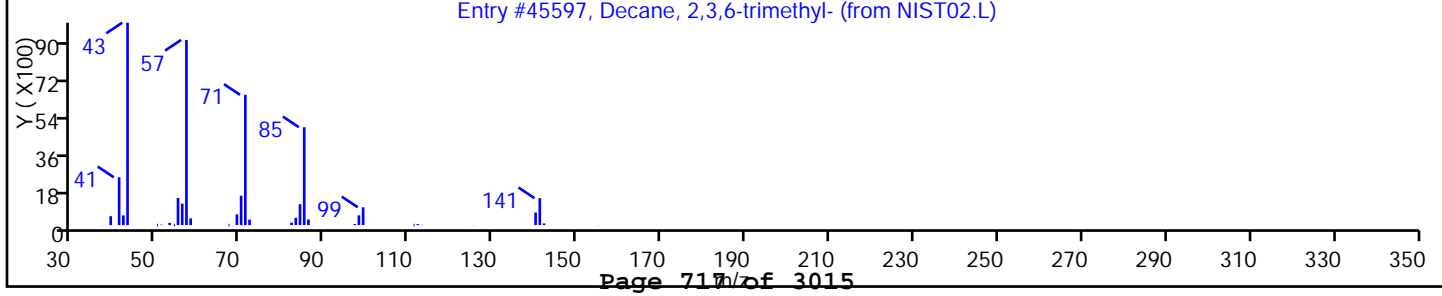
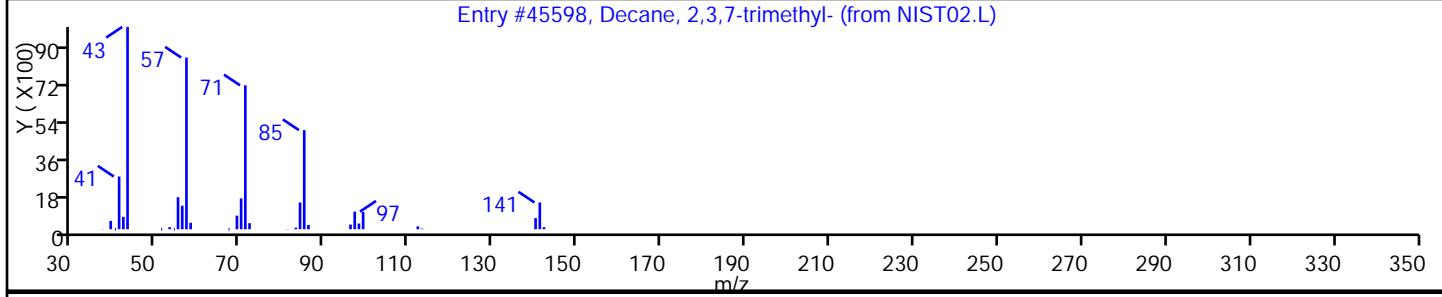
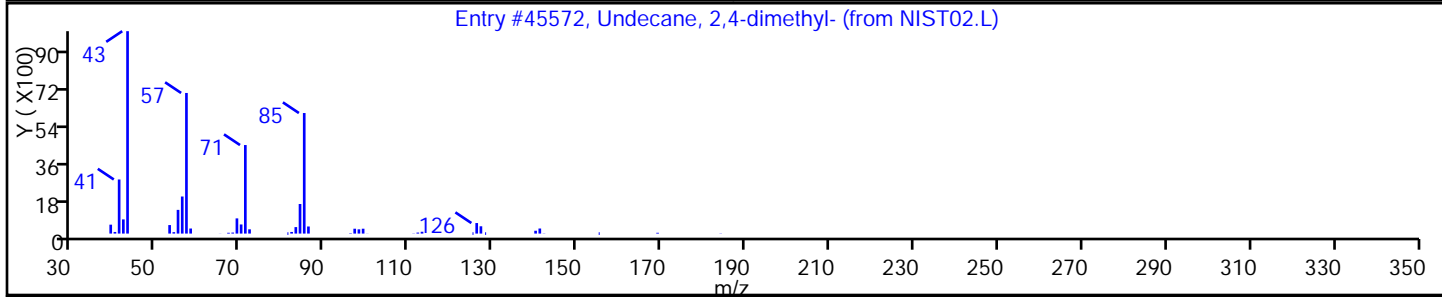
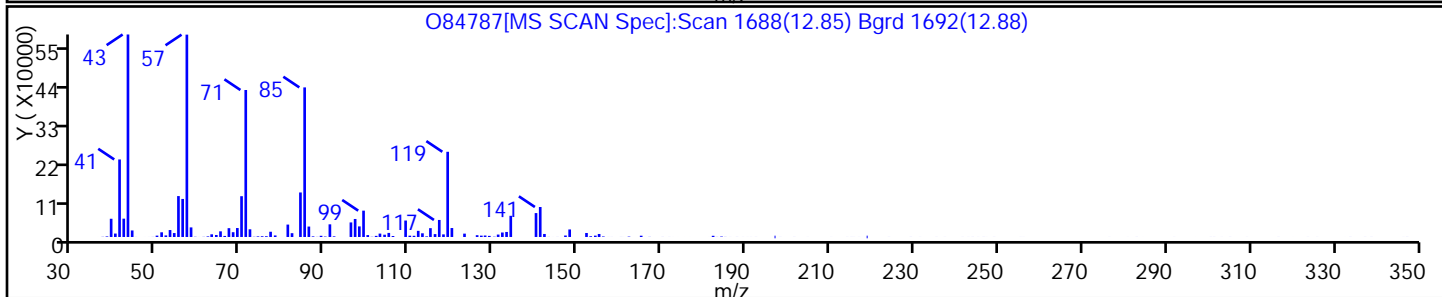
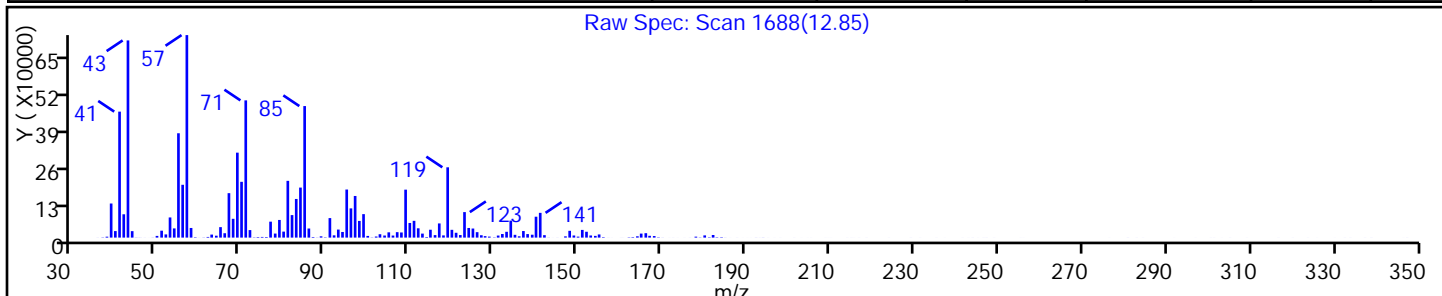
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 2,4-dimethyl-	17312-80-0	NIST02.L	45572	C13H28	184	52
Decane, 2,3,7-trimethyl-	62238-13-5	NIST02.L	45598	C13H28	184	49
Decane, 2,3,6-trimethyl-	62238-12-4	NIST02.L	45597	C13H28	184	49



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

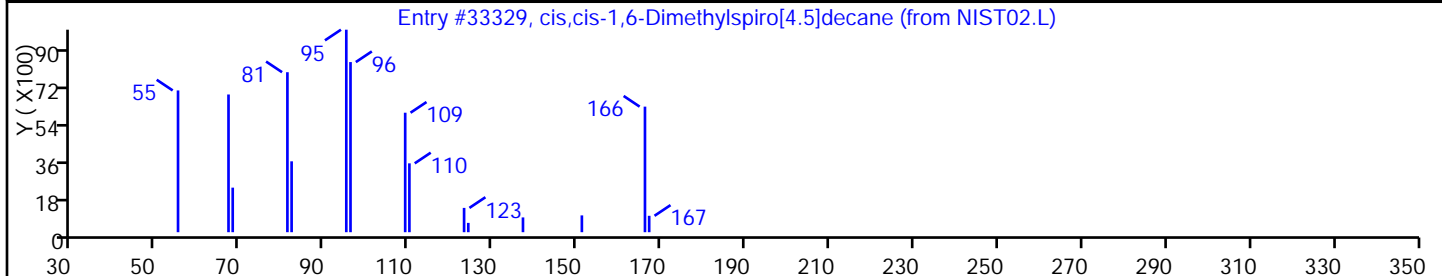
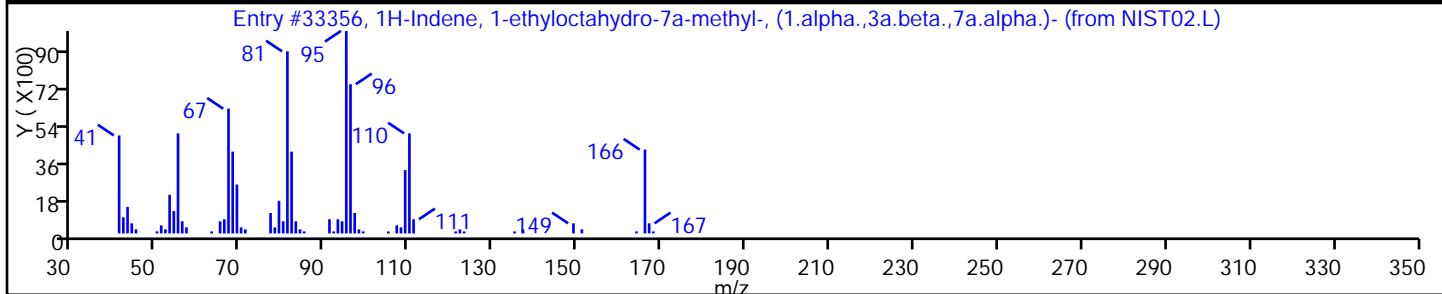
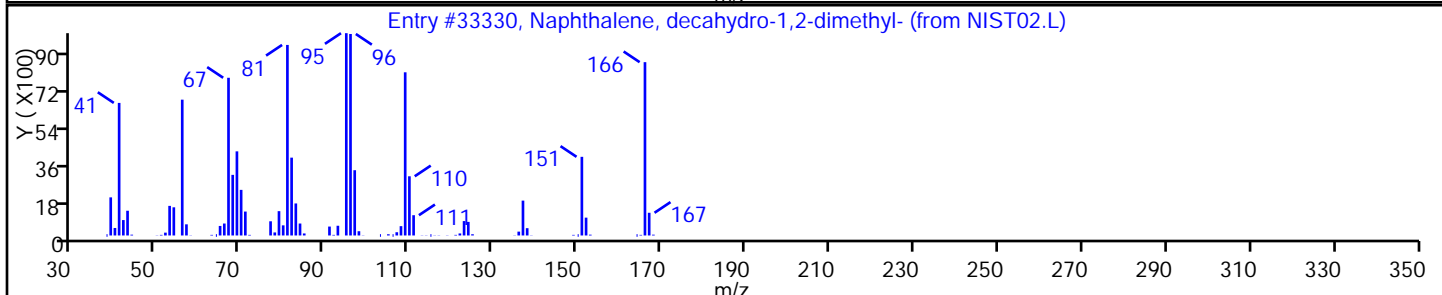
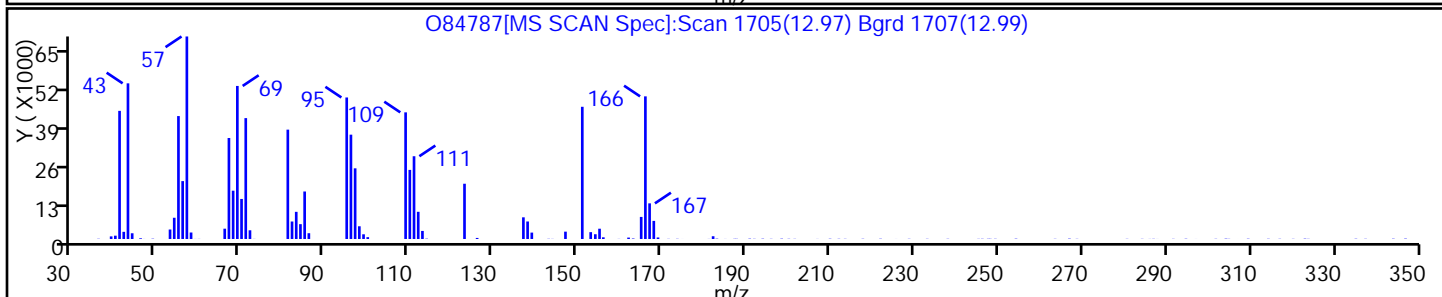
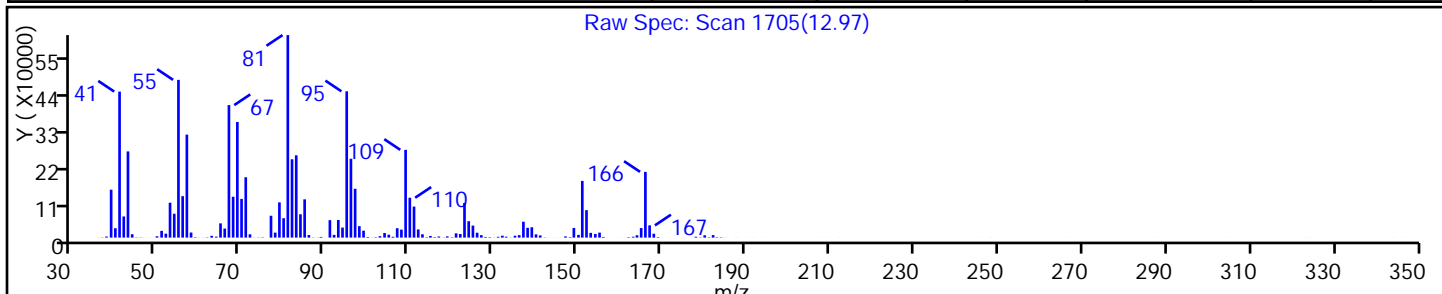
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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1H-Indene, 1-ethyloctahydro-7a-methyl-,	56324-71-1	NIST02.L	33356	C12H22	166	41
cis,cis-1,6-Dimethylspiro[4.5]decane	1000111-72-	NIST02.L	33329	C12H22	166	41



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

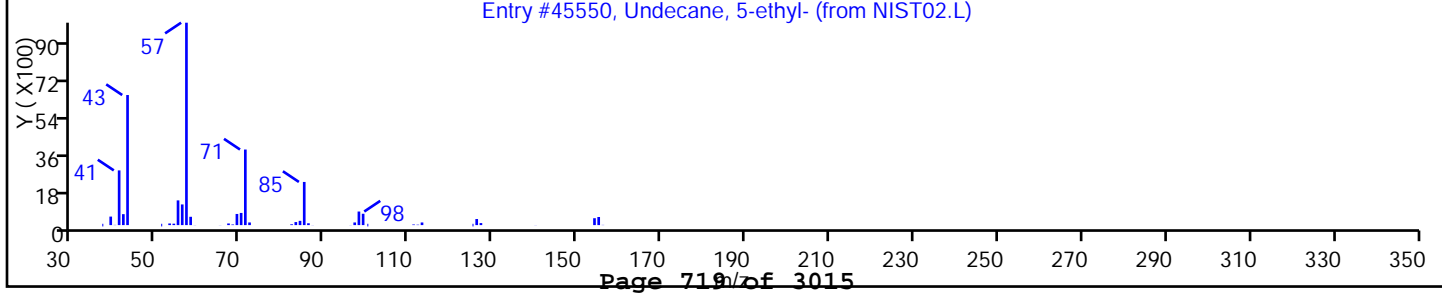
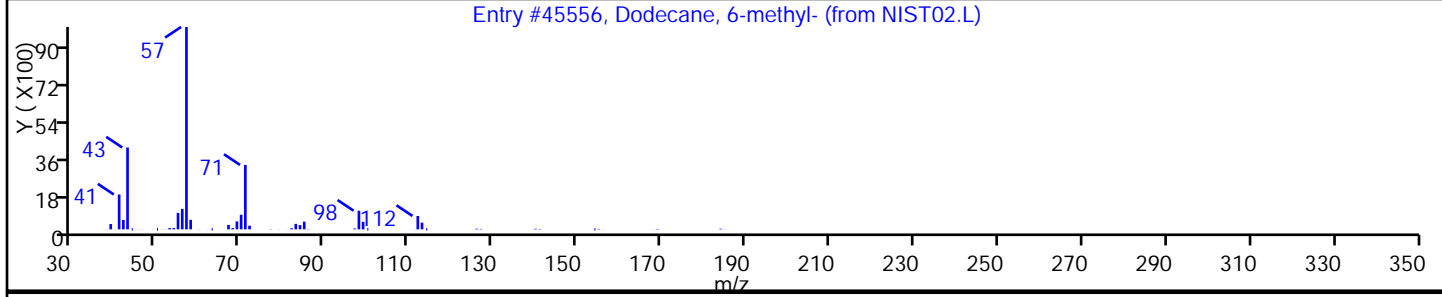
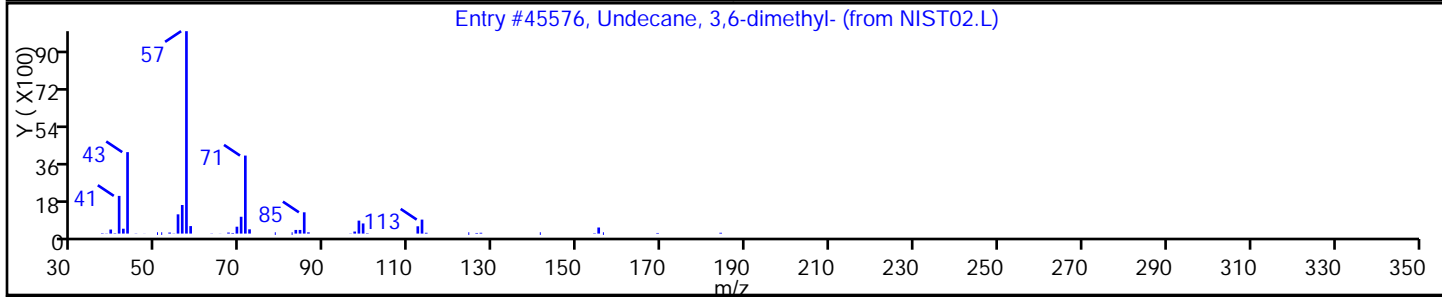
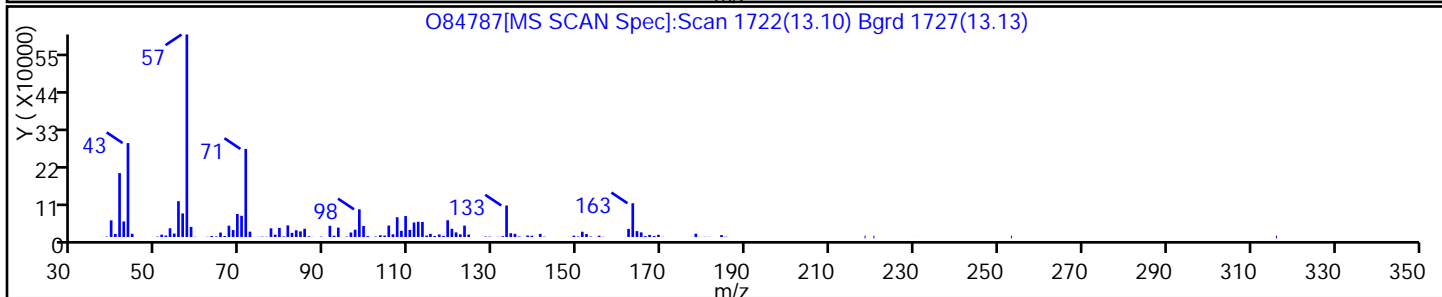
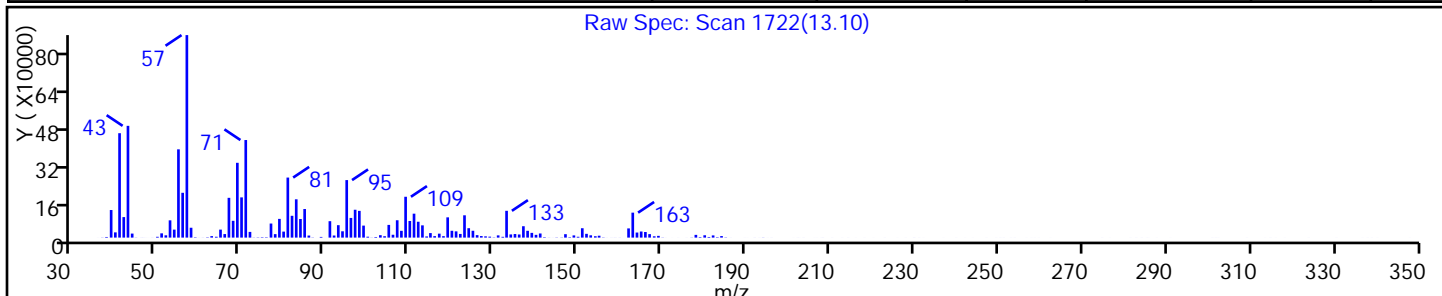
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	55
Dodecane, 6-methyl-	6044-71-9	NIST02.L	45556	C13H28	184	46
Undecane, 5-ethyl-	17453-94-0	NIST02.L	45550	C13H28	184	43



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

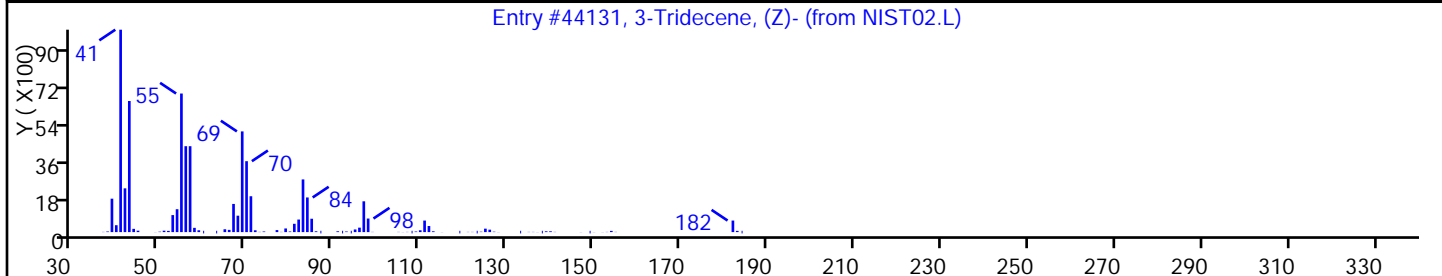
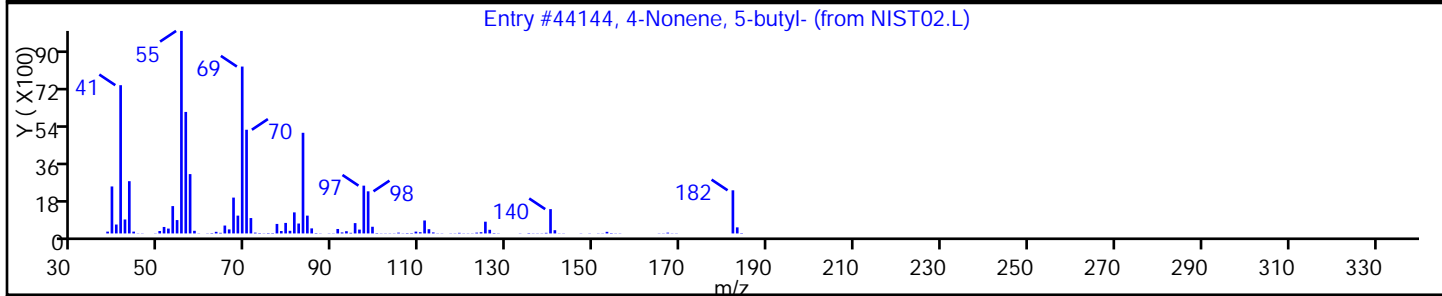
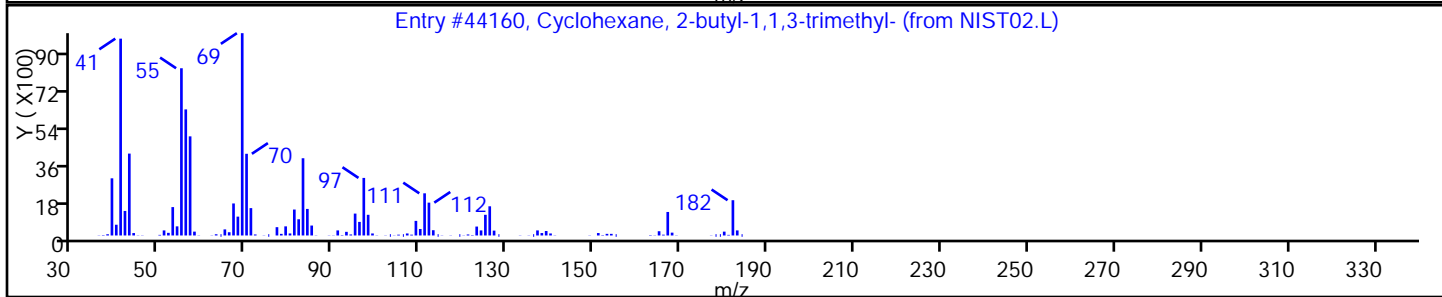
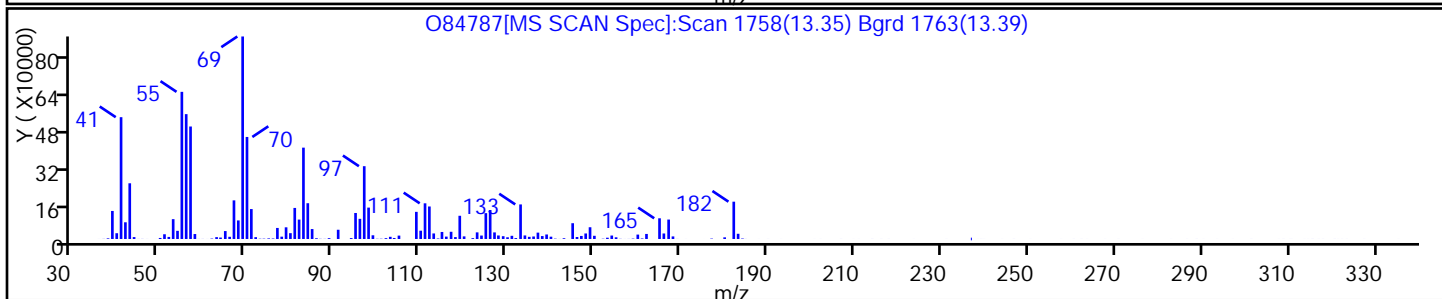
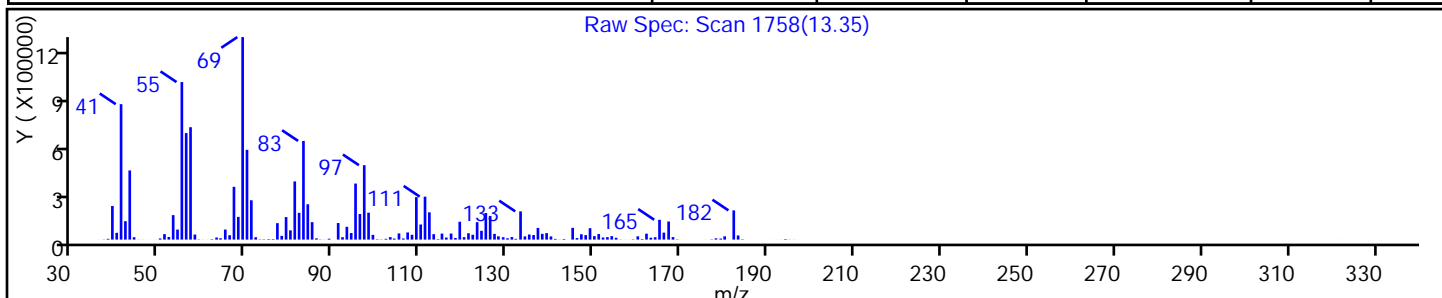
Method: 8260S_12

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	95
4-Nonene, 5-butyl-	7367-38-6	NIST02.L	44144	C13H26	182	87
3-Tridecene, (Z)-	41446-53-1	NIST02.L	44131	C13H26	182	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

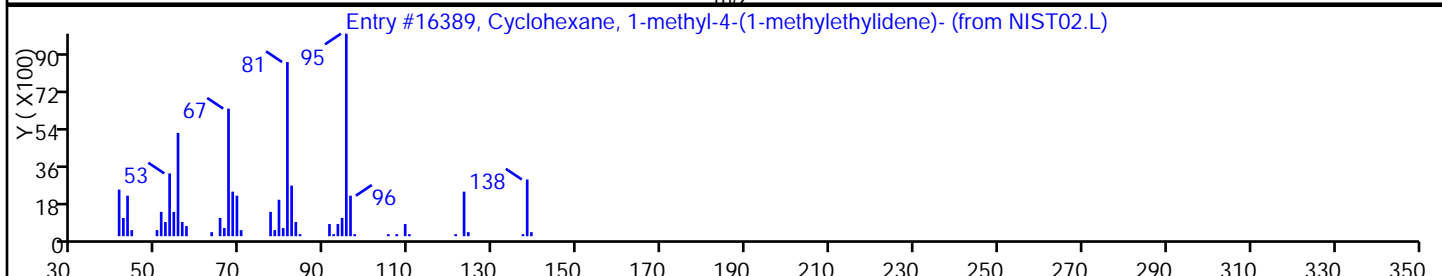
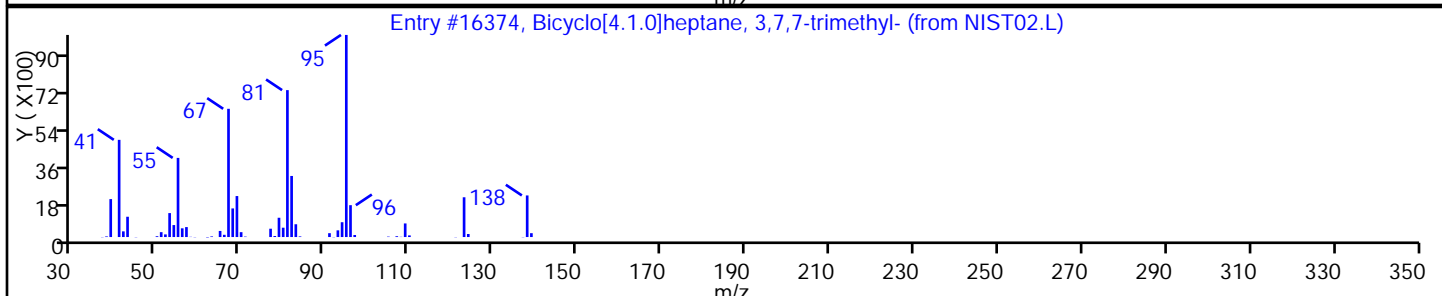
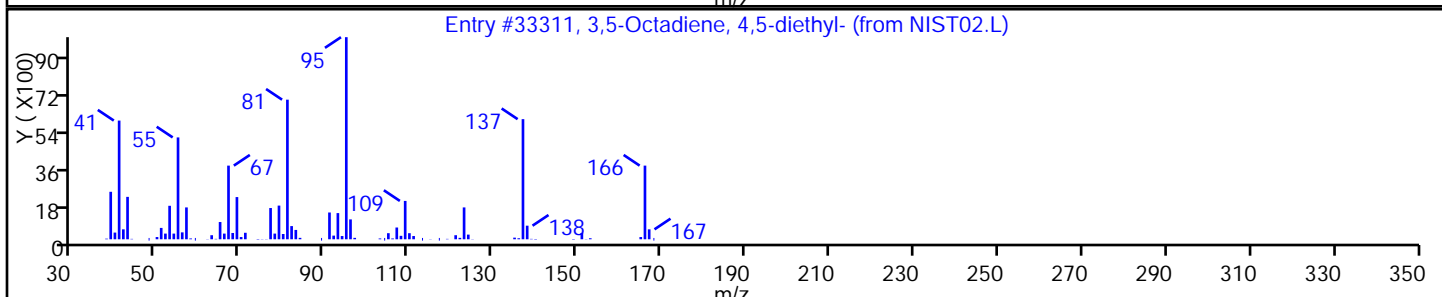
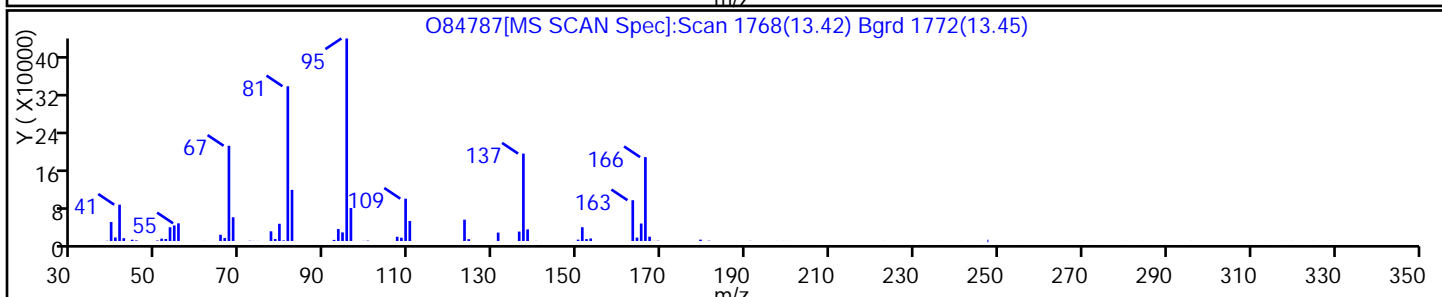
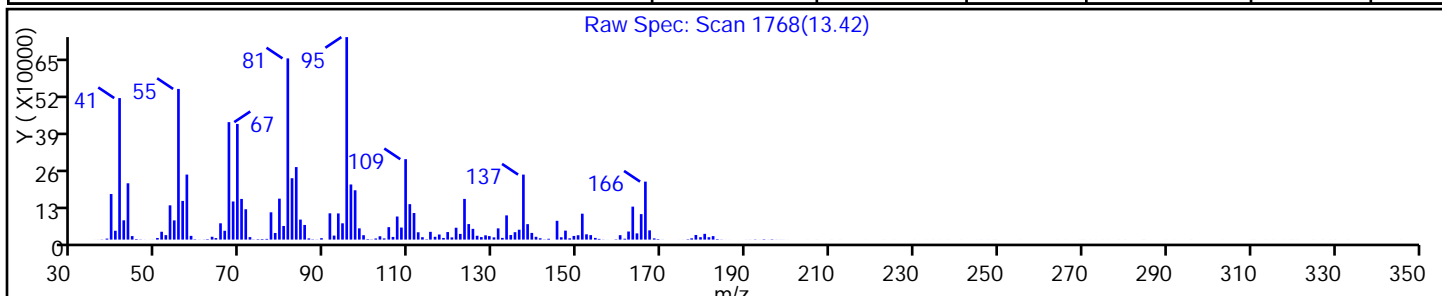
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Bicyclo[4.1.0]heptane, 3,7,7-trimethyl-	554-59-6	NIST02.L	16374	C10H18	138	58
Cyclohexane, 1-methyl-4-(1-methylethylidene)	1124-27-2	NIST02.L	16389	C10H18	138	52



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

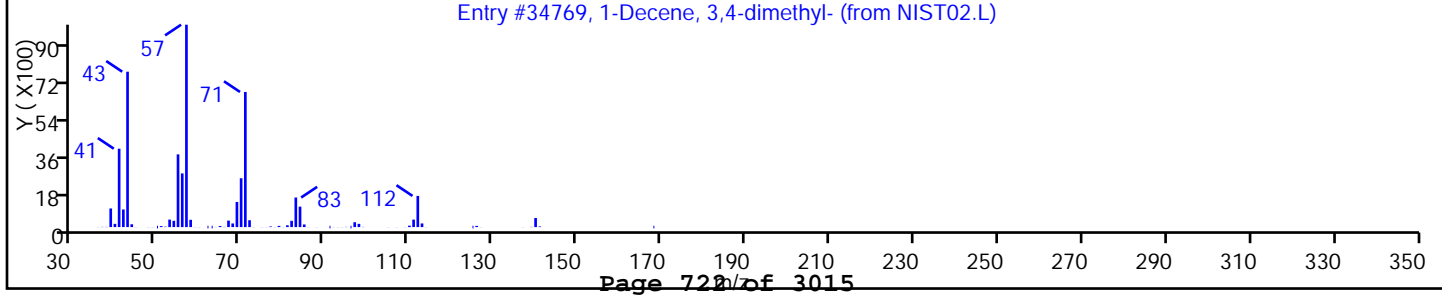
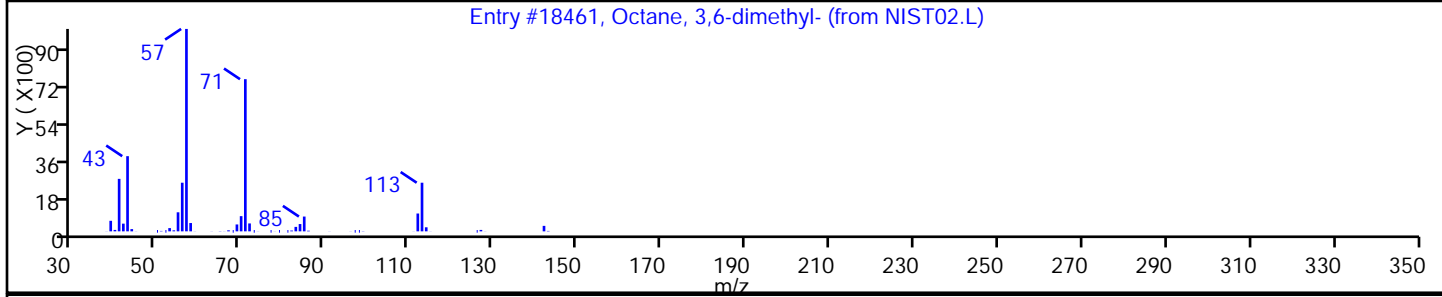
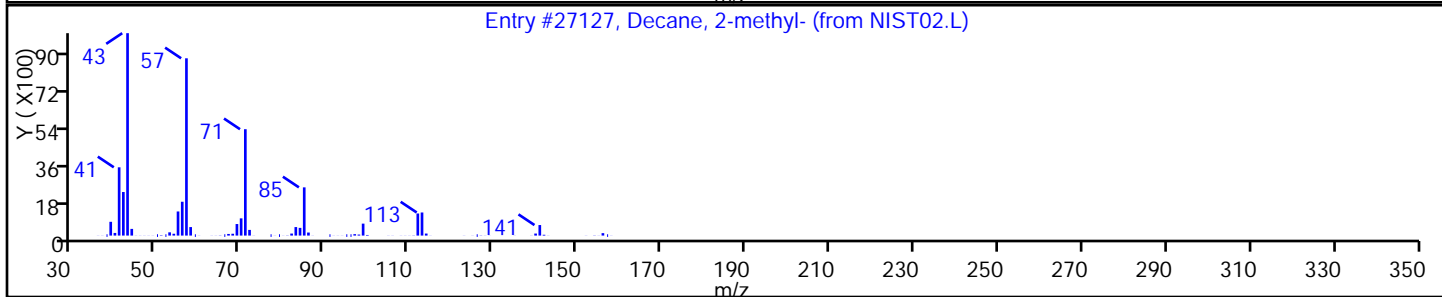
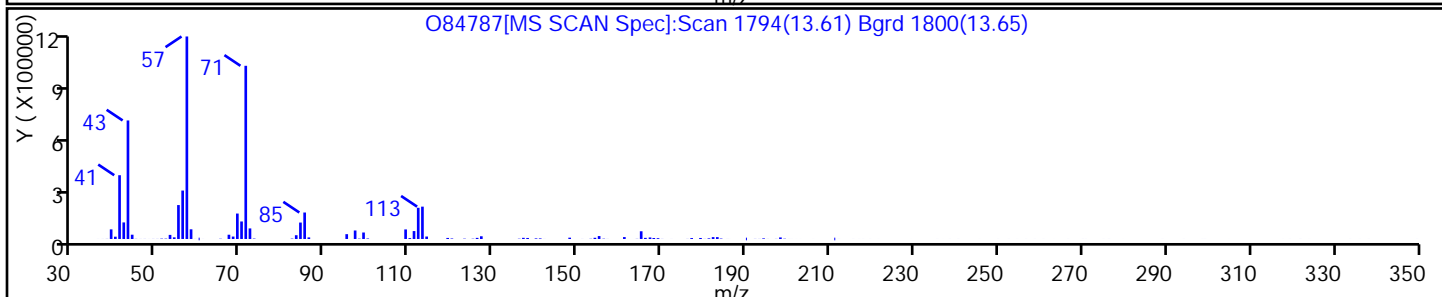
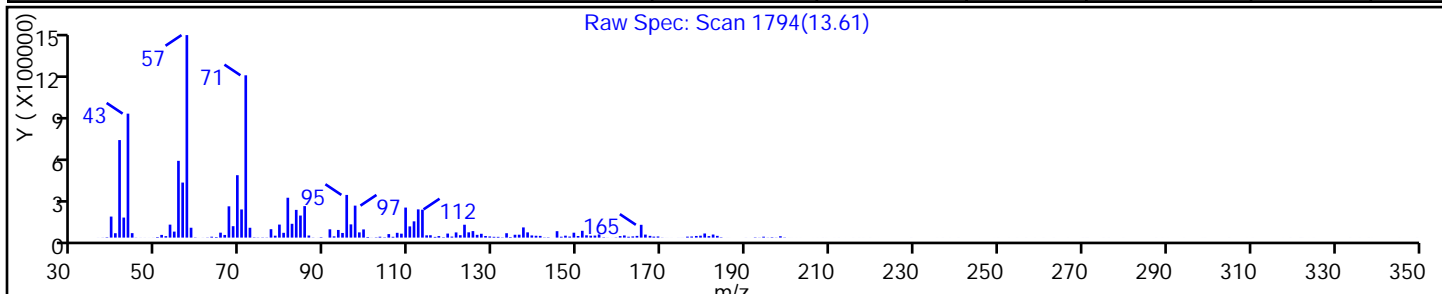
Method: 8260S_12

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	27127	C11H24	156	72
Octane, 3,6-dimethyl-	15869-94-0	NIST02.L	18461	C10H22	142	72
1-Decene, 3,4-dimethyl-	50871-03-9	NIST02.L	34769	C12H24	168	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

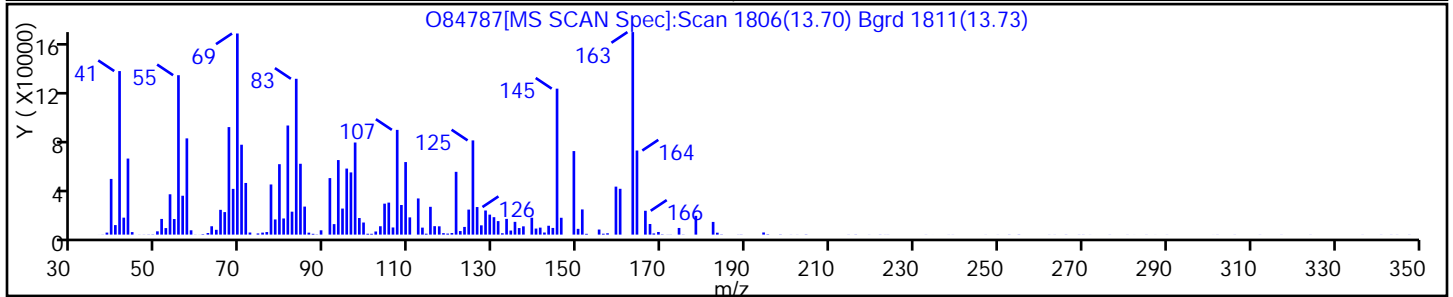
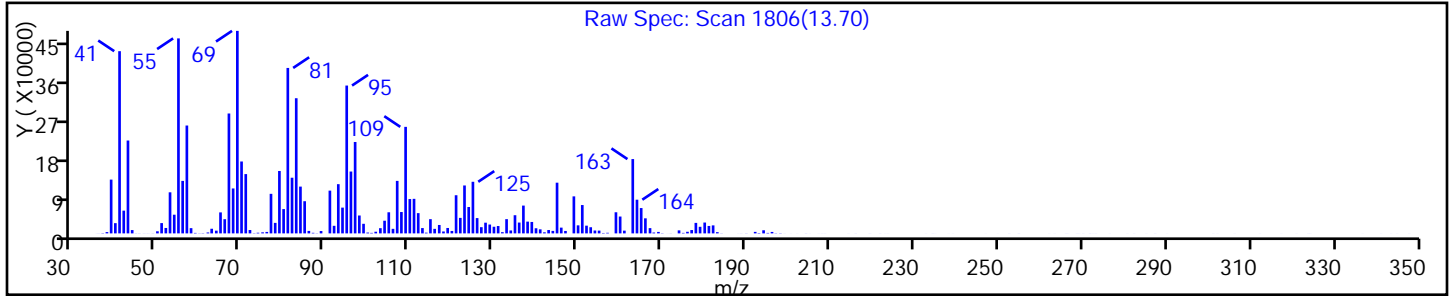
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84787.D

Injection Date: 14-Mar-2014 10:26:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

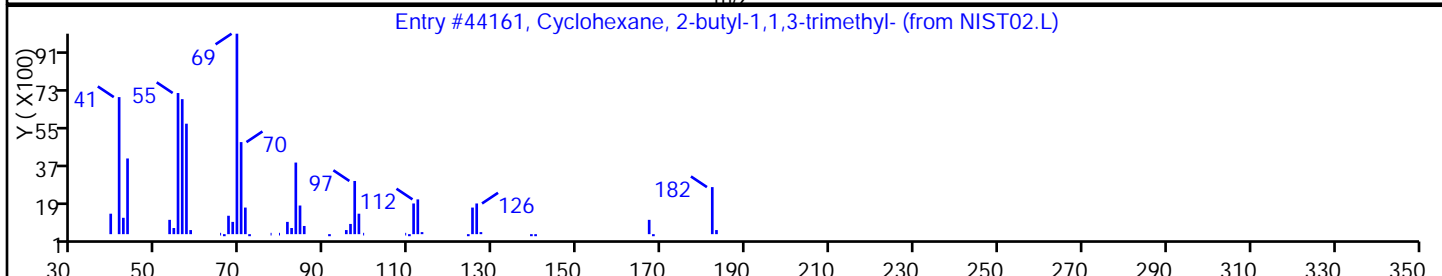
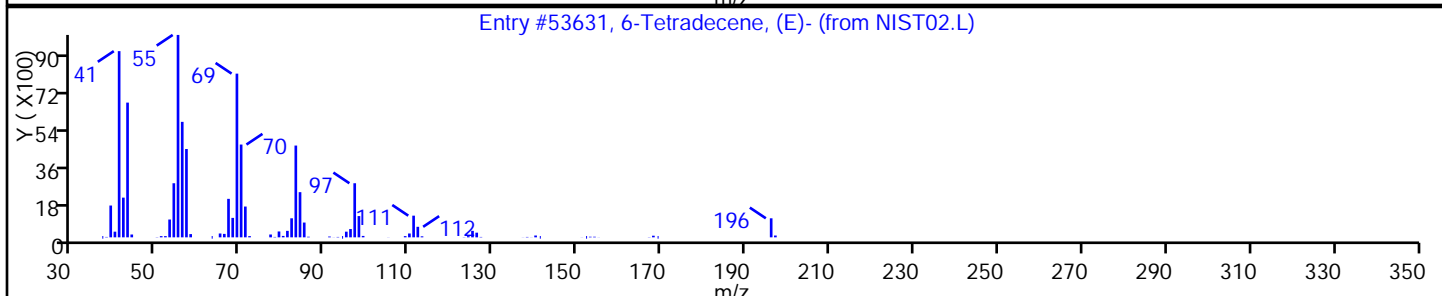
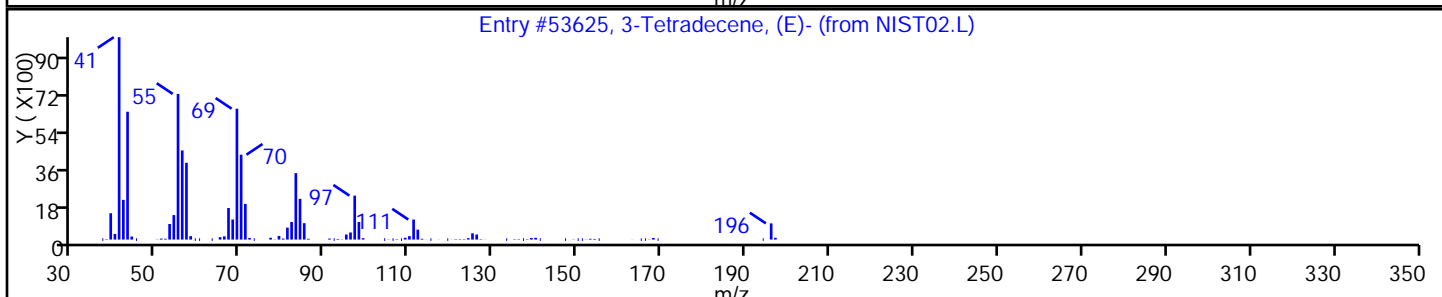
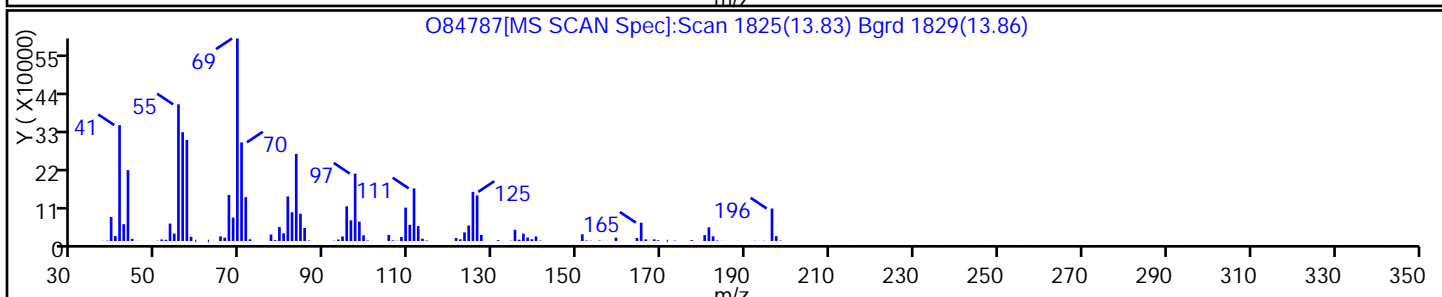
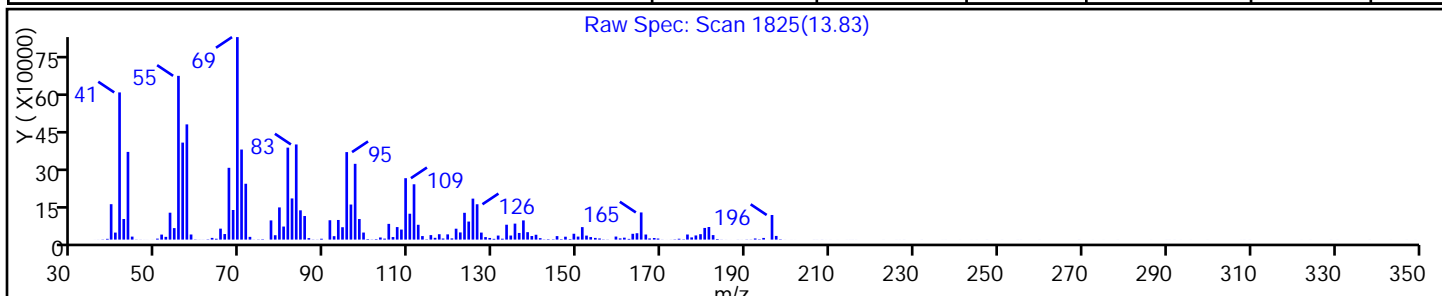
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Tetradecene, (E)-	41446-68-8	NIST02.L	53625	C14H28	196	93
6-Tetradecene, (E)-	41446-64-4	NIST02.L	53631	C14H28	196	90
Cyclohexane, 2-butyl-1,1,3-trimethyl-	54676-39-0	NIST02.L	44161	C13H26	182	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: O84764.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:00
 Sample wt/vol: 6.106(g) Date Analyzed: 03/14/2014 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.1 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.62	J	0.94	0.14
67-64-1	Acetone	55	B	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	3.1		0.94	0.23
78-93-3	2-Butanone	5.4		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	0.48	J	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	0.11	U	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	0.14	J	0.94	0.094
541-73-1	1,3-Dichlorobenzene	0.52	J	0.94	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: O84764.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:00
 Sample wt/vol: 6.106(g) Date Analyzed: 03/14/2014 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2.9		0.94	0.10
120-82-1	1,2,4-Trichlorobenzene	4.9		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	0.21	J	0.94	0.094
127-18-4	Tetrachloroethene	0.11	U	0.94	0.11
1330-20-7	Xylenes, Total	1.6	J	1.9	0.63
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.94	0.41
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)	89		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	89		70-130
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: O84764.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:00
 Sample wt/vol: 6.106(g) Date Analyzed: 03/14/2014 00:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 13.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 1083

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-76-1	Naphthalene, decahydro-2-methyl-	12.14	75	J N
3964-66-7	Cyclohexene, 1-hexyl-	12.97	91	J N
6044-71-9	Dodecane, 6-methyl-	13.08	130	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.34	78	J N
61142-20-9	Cyclohexane, (4-methylpentyl)-	13.43	180	J N
2051-30-1	Octane, 2,6-dimethyl-	13.60	160	J N
41446-60-0	7-Tetradecene, (Z)-	13.83	78	J N
5617-41-4	Heptylcyclohexane	14.25	83	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	14.39	98	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	110	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D
 Lims ID: 460-72180-A-11-A Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 00:40:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-11-A
 Misc. Info.: 460-0010824-015
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:56:35 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:57:09

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	86	126933	58.5	
25 Methylene Chloride	84	1.821	1.821	0.0	48	4159	0.6608	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	100	547038	1000.0	
43 2-Butanone (MEK)	72	2.680	2.680	0.0	62	4226	5.76	
47 Chloroform	83	2.902	2.895	0.007	91	33385	3.26	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	176681	43.4	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	86	187729	44.3	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	1006671	50.0	
63 Methylcyclohexane	83	4.099	4.099	0.0	50	2759	0.2183	
* 150 1,4-Dioxane-d8	96	4.285	4.278	0.007	89	45408	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	806234	44.2	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	695826	50.0	
89 Ethylbenzene	106	7.365	7.358	0.007	93	4878	0.5123	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	96	18777	1.66	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	219303	44.7	
115 1,3-Dichlorobenzene	146	10.653	10.653	0.0	29	6658	0.5469	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	96	329160	50.0	
117 1,4-Dichlorobenzene	146	10.810	10.810	0.0	81	37389	3.07	
121 1,2-Dichlorobenzene	146	11.383	11.376	0.007	33	1731	0.1535	
124 1,2,4-Trichlorobenzene	180	13.181	13.181	0.0	73	40680	5.19	
S 131 Xylenes, Total	100				0		1.66	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D
 Lims ID: 460-72180-A-11-A Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 00:40:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-11-A
 Misc. Info.: 460-0010824-015
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:56:35 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 08:57:09

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.143	2958-76-1 Naphthalene, decahydro-2-methyl- 3756400	80.1	116	92	24328	C11H20	152	
12.974	3964-66-7 Cyclohexene,1-hexyl- 4505749	96.0	116	76	33299	C12H22	166	
13.081	6044-71-9 Dodecane, 6-methyl- 6356405	135.5	116	97	45556	C13H28	184	
13.339	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl- 3876676	82.6	116	97	44161	C13H26	182	
13.425	61142-20-9 Cyclohexane, (4-methylpentyl)- 8738001	186.3	116	62	34816	C12H24	168	
13.604	2051-30-1 Octane, 2,6-dimethyl- 7985955	170.2	116	90	18443	C10H22	142	
13.826	41446-60-0 7-Tetradecene, (Z)- 3902509	83.2	116	83	53639	C14H28	196	
14.249	5617-41-4 Heptylcyclohexane 4154579	88.6	116	70	44142	C13H26	182	
14.385	638-36-8 Hexadecane, 2,6,10,14-tetramethyl- 4884483	104.1	116	94	107670	C20H42	282	
14.621	80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal 5323144	113.5	116	96	61716	C15H28	208	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	2345553	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Worklist Smp#: 15

Client ID: PMP-18SW-WT

Purge Vol: 5.000 mL

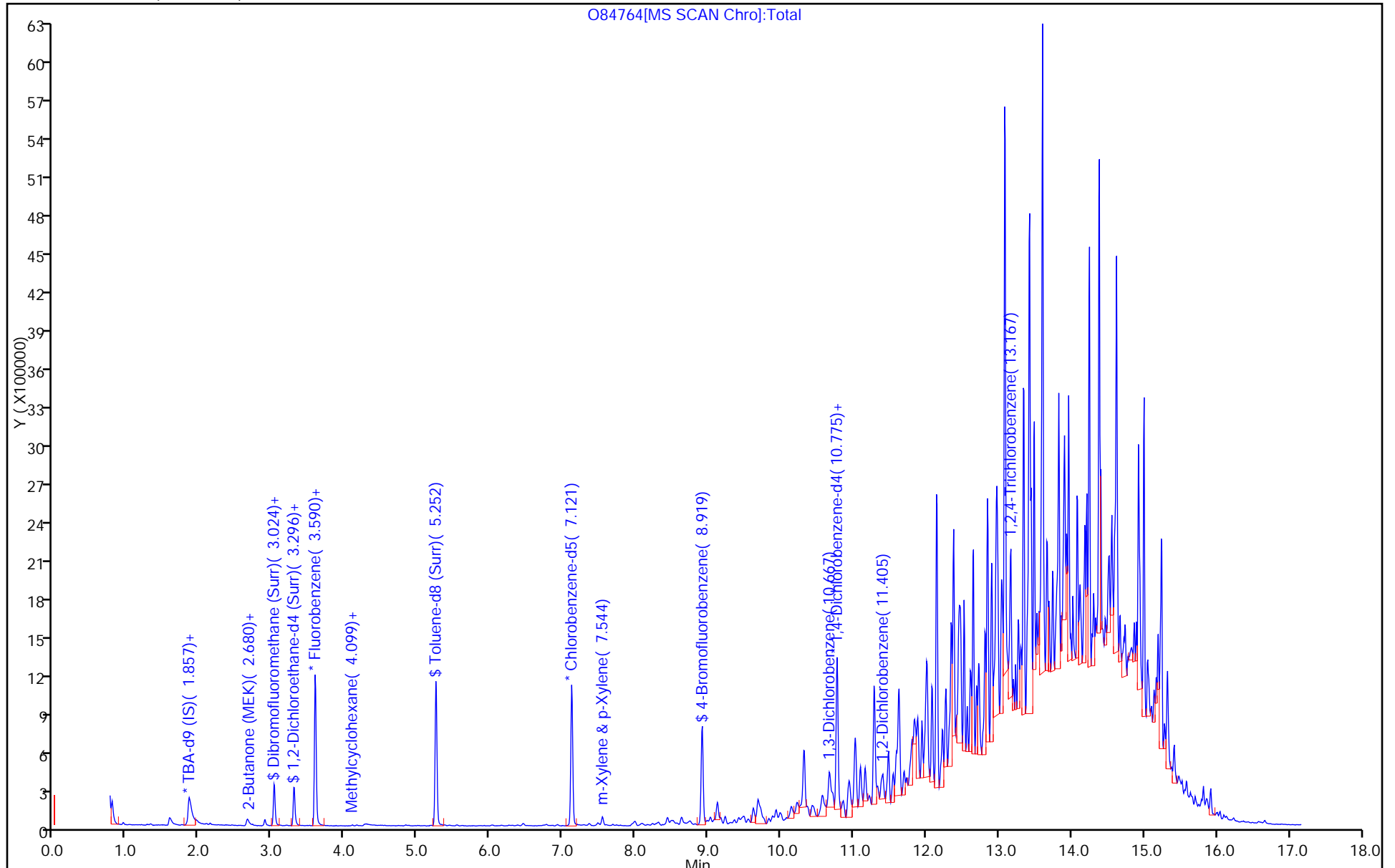
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

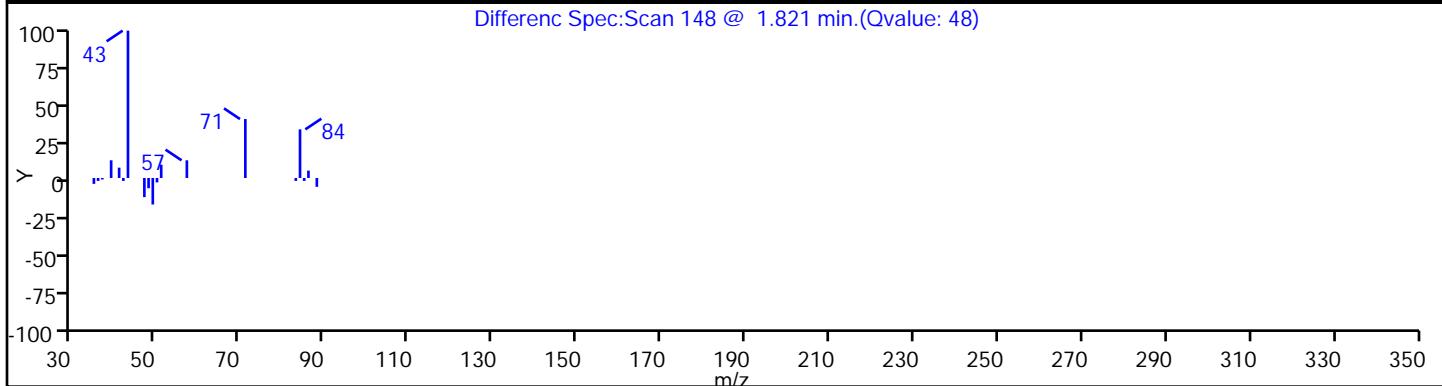
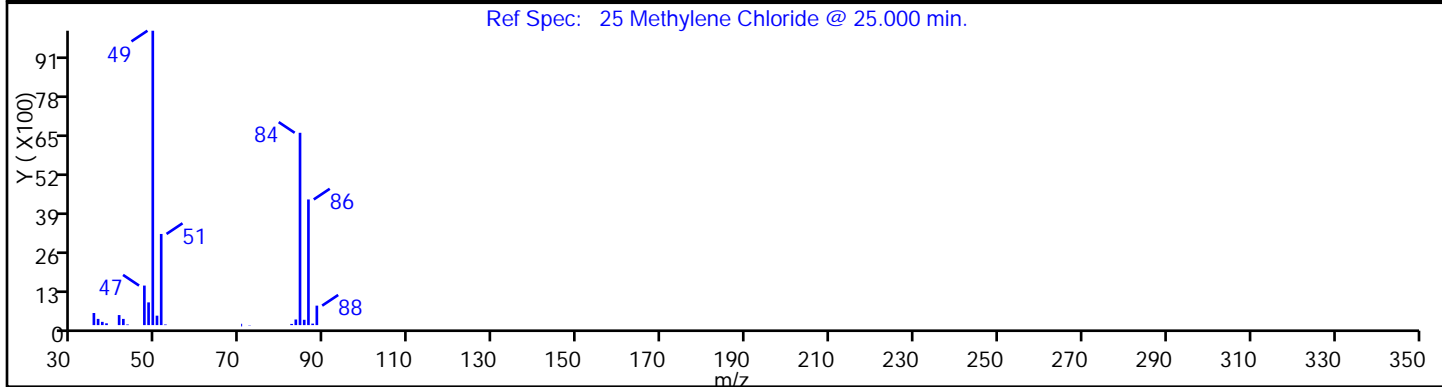
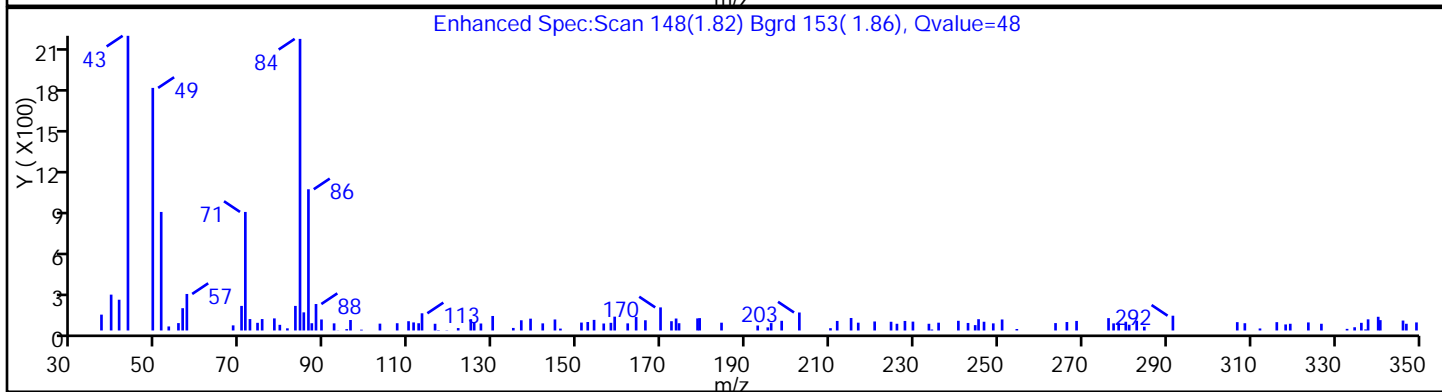
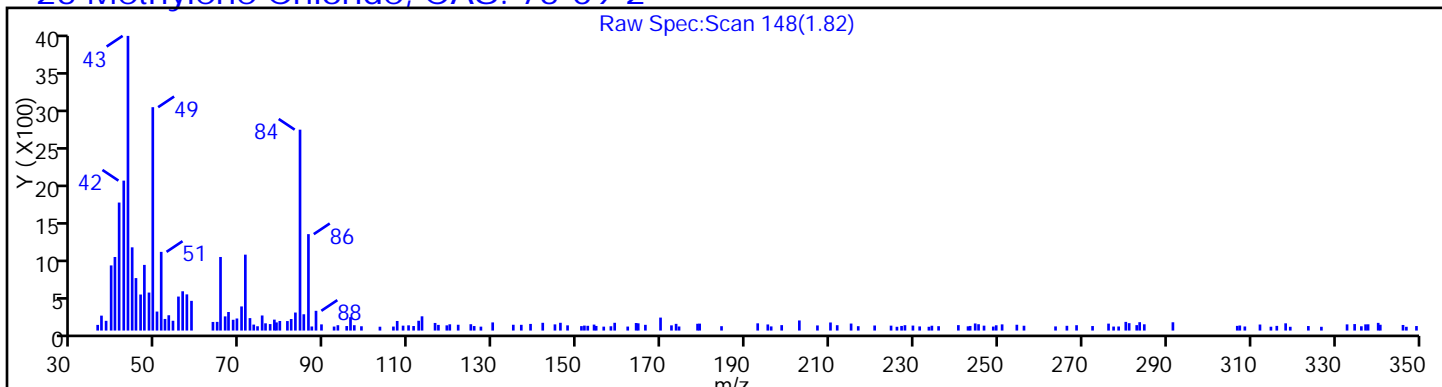
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

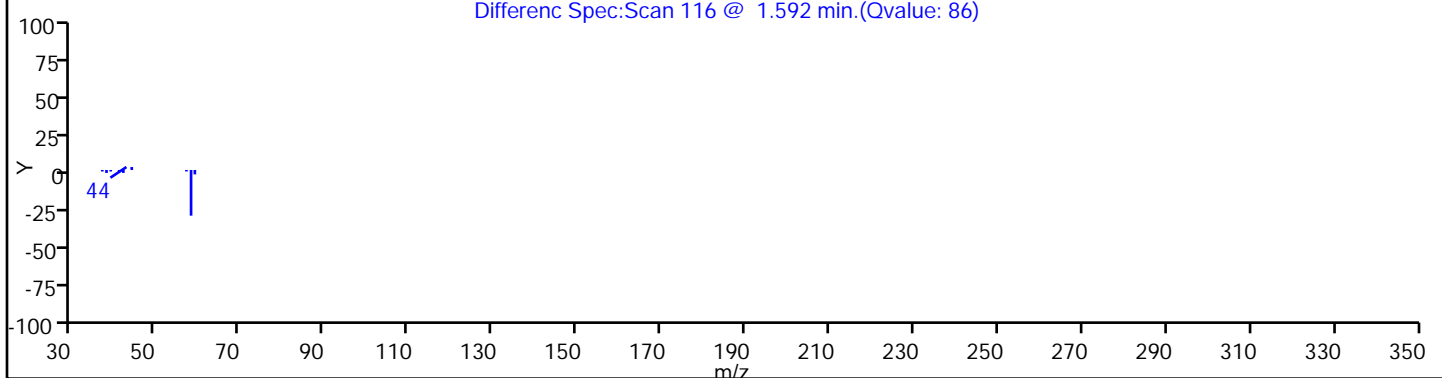
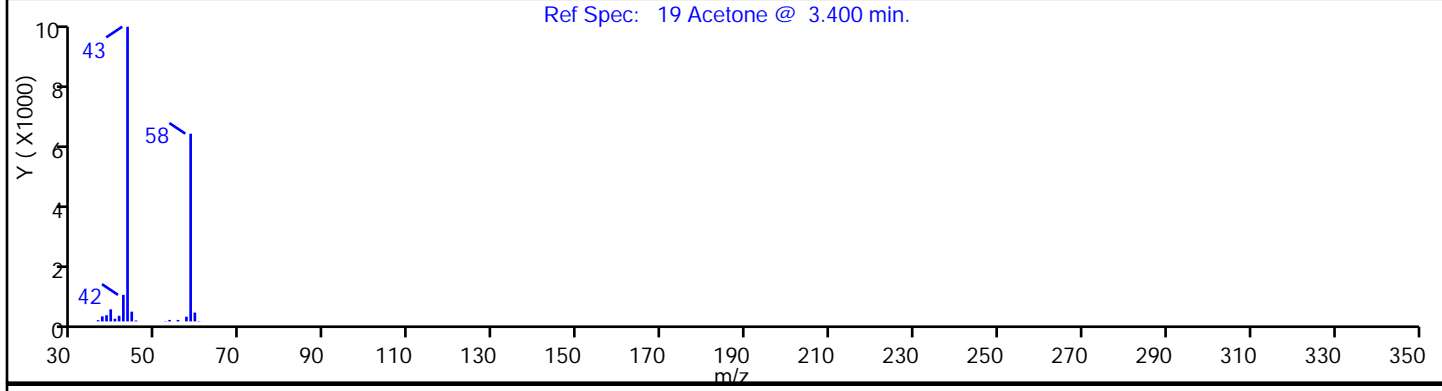
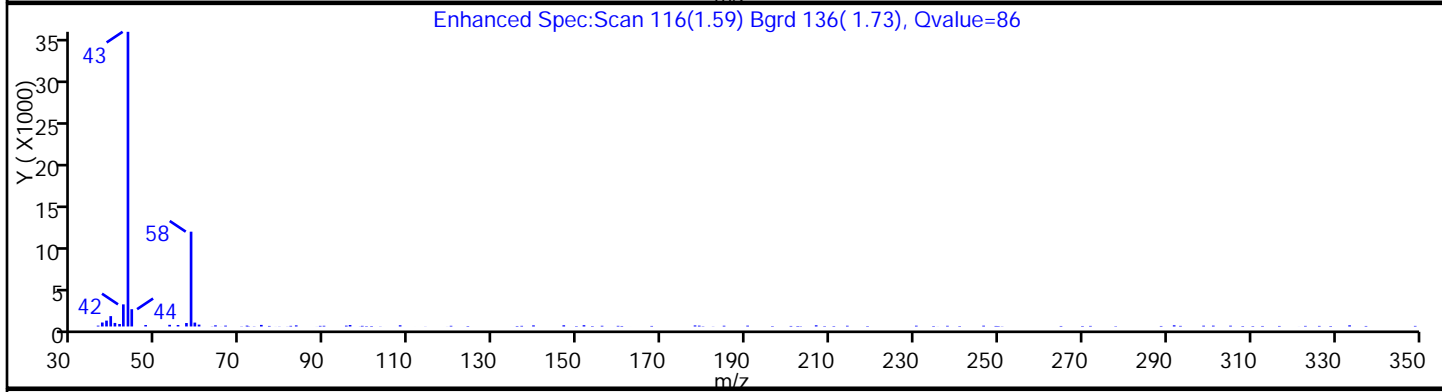
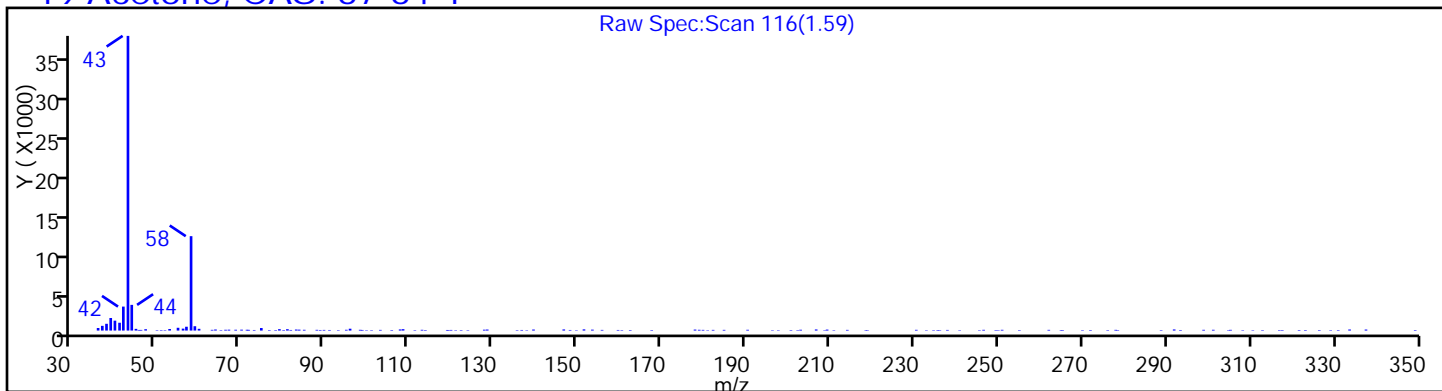
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

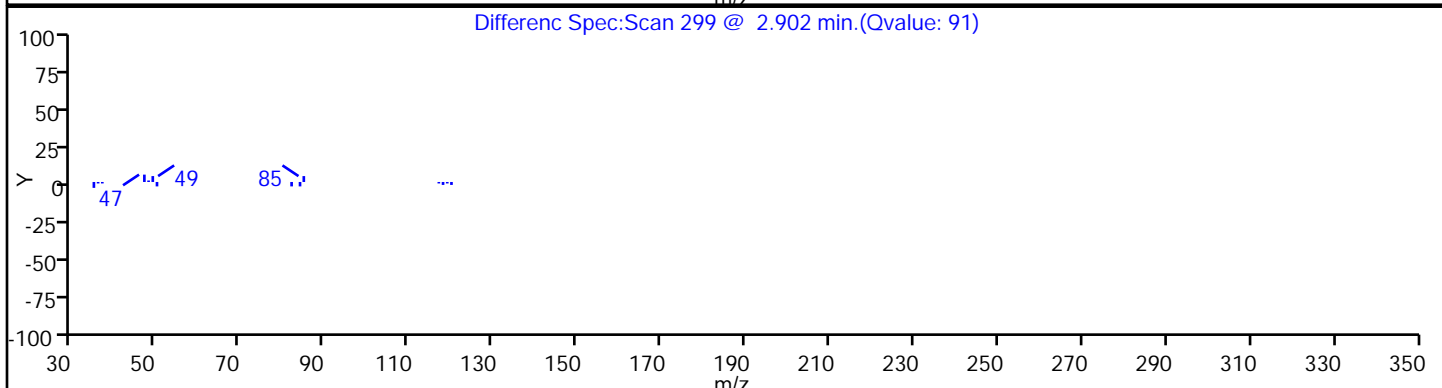
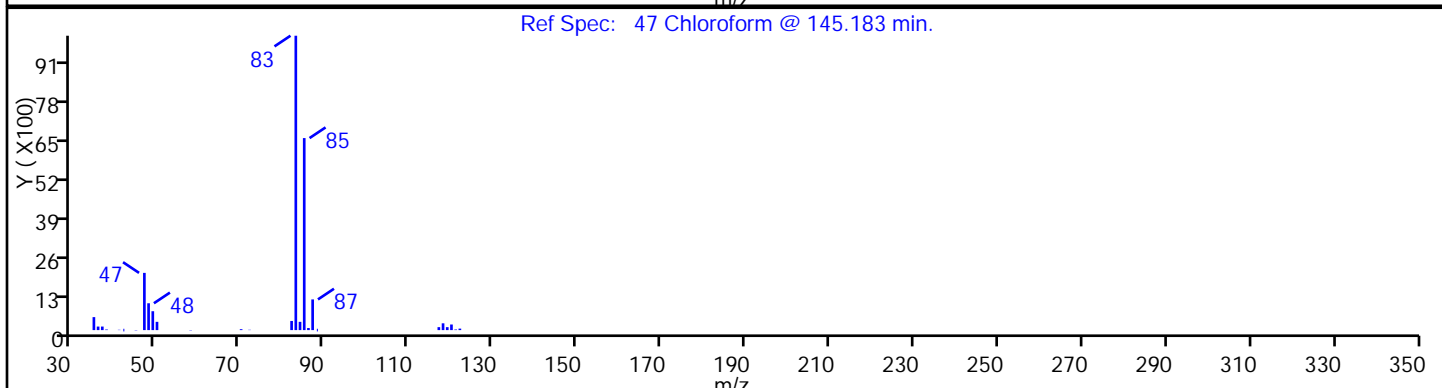
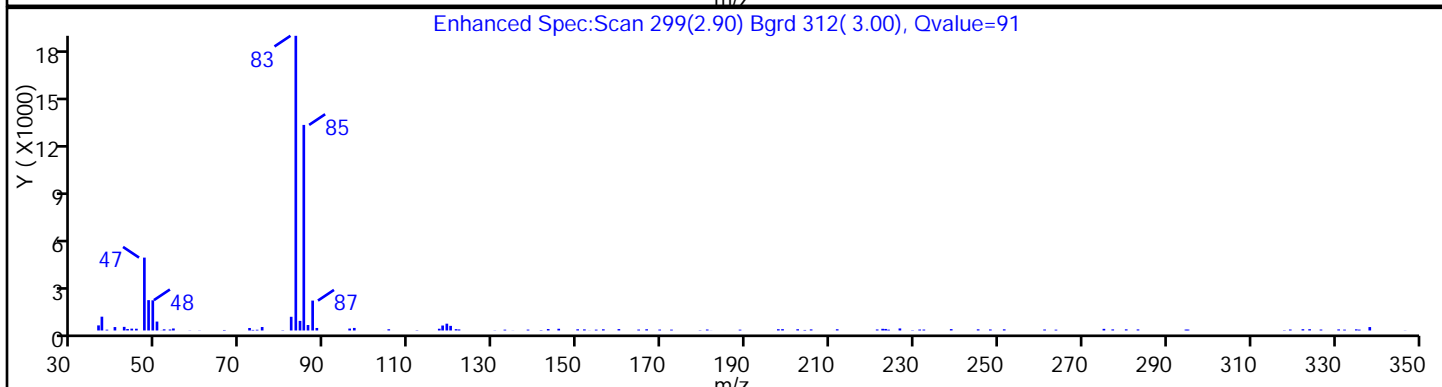
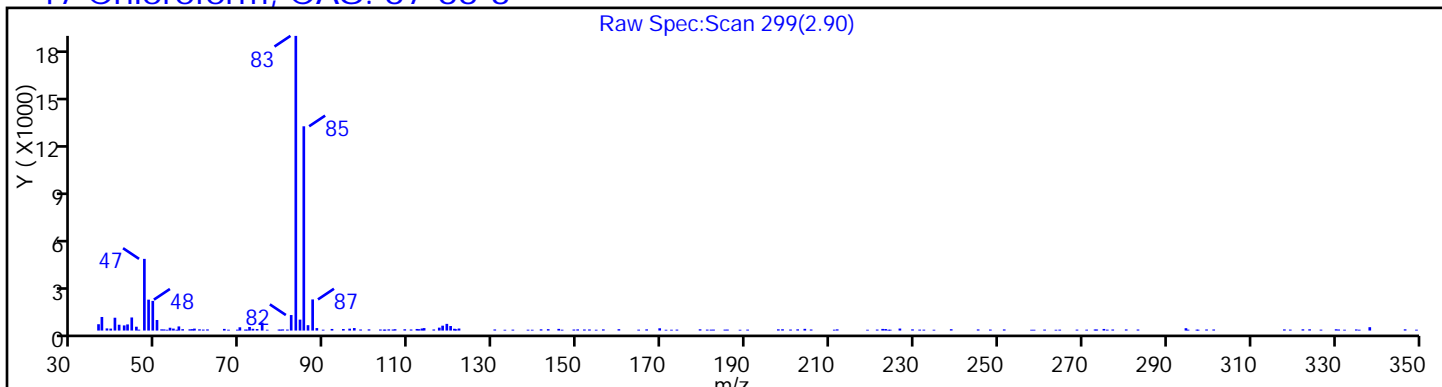
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

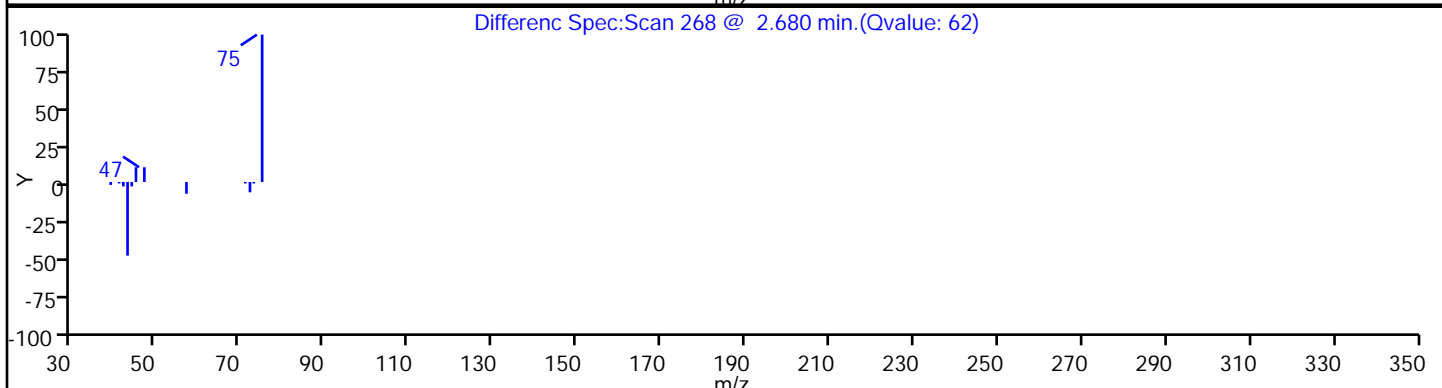
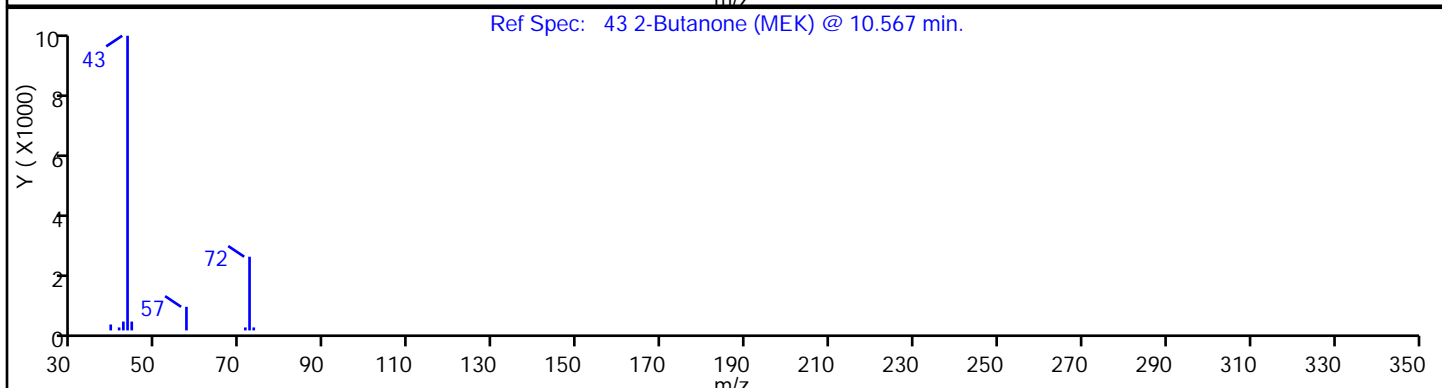
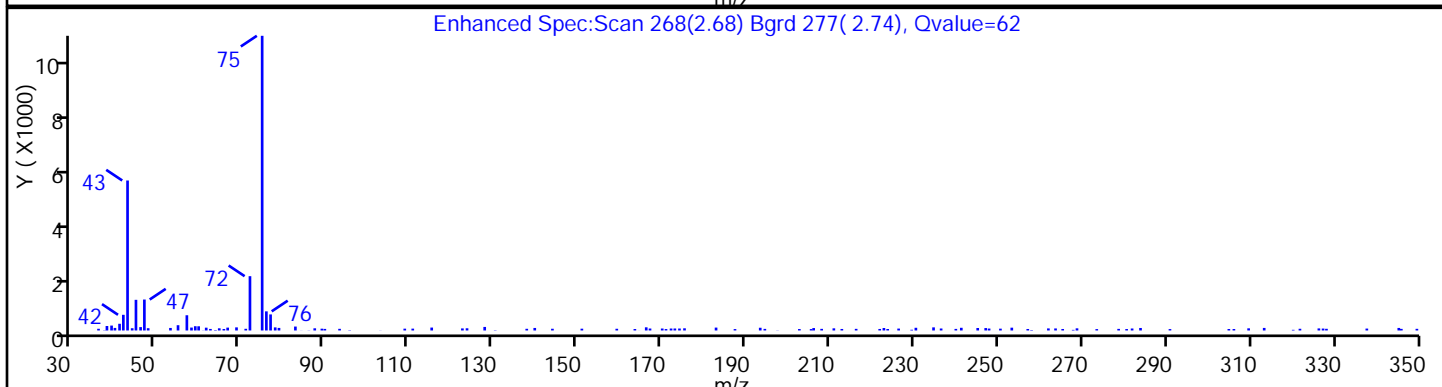
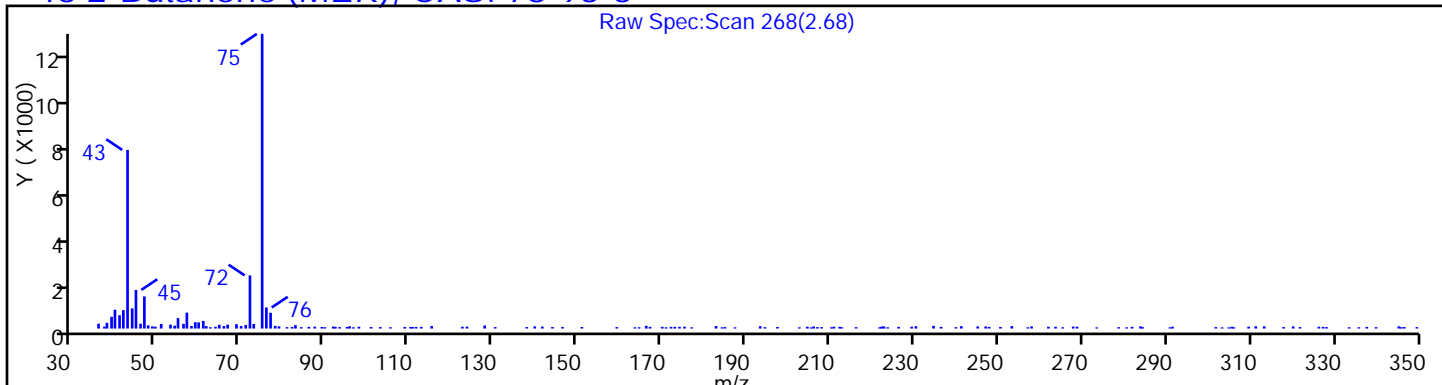
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

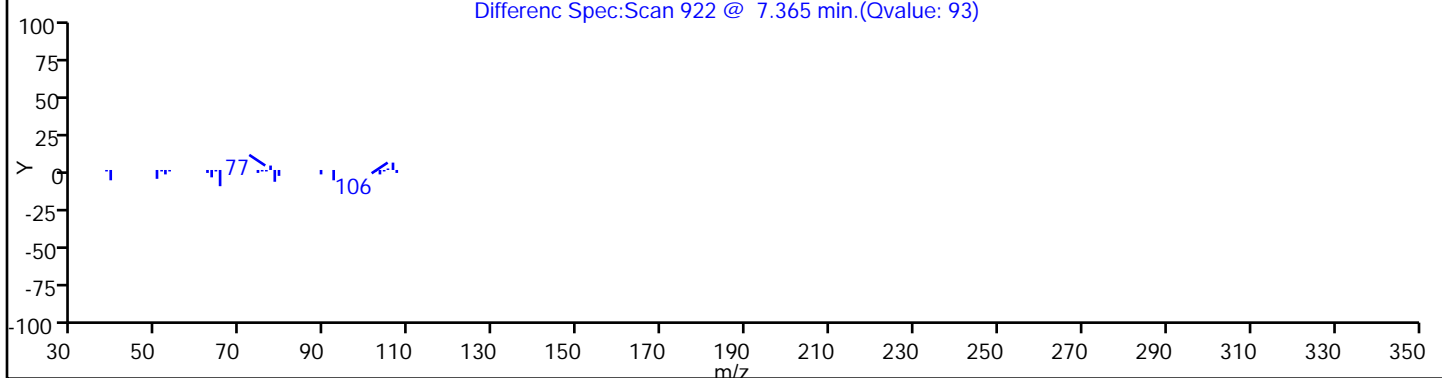
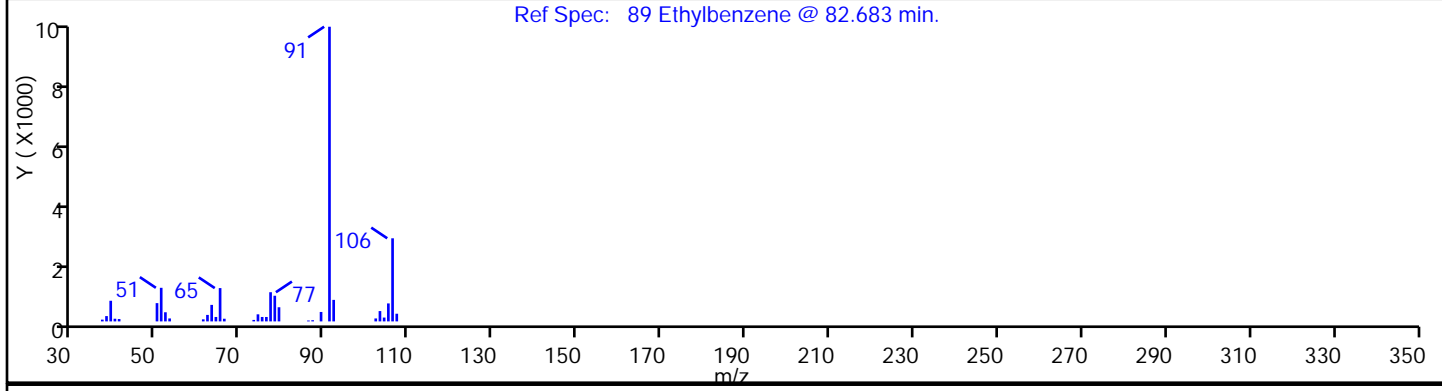
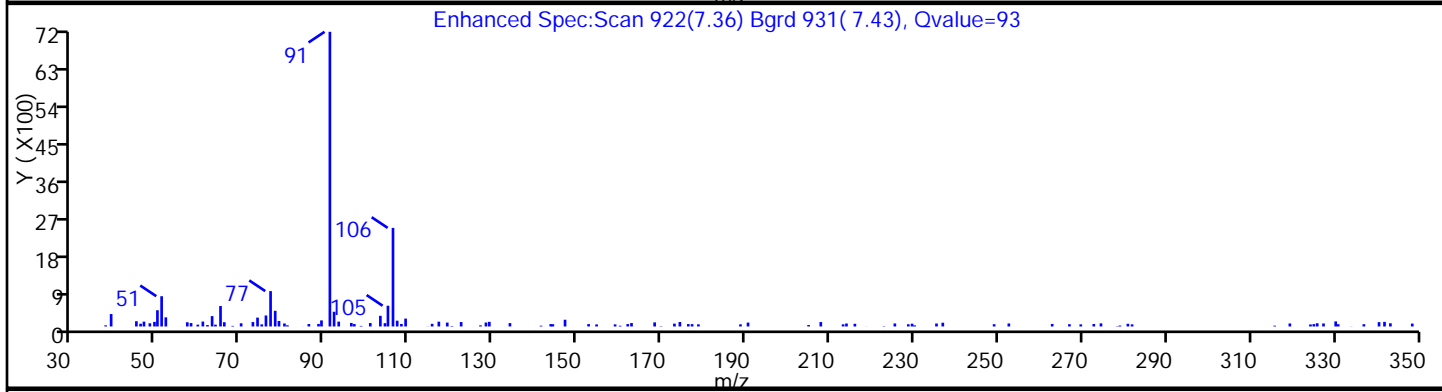
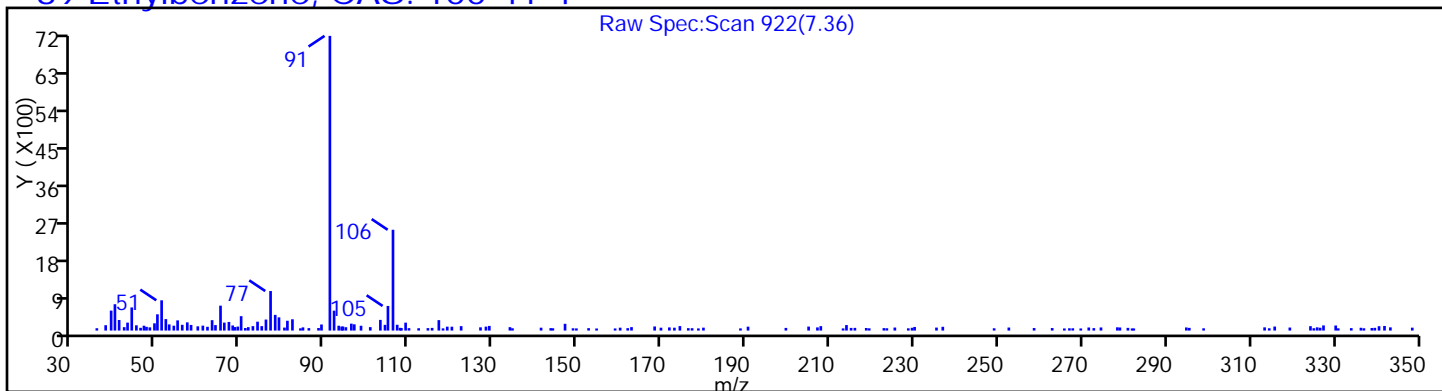
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

89 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

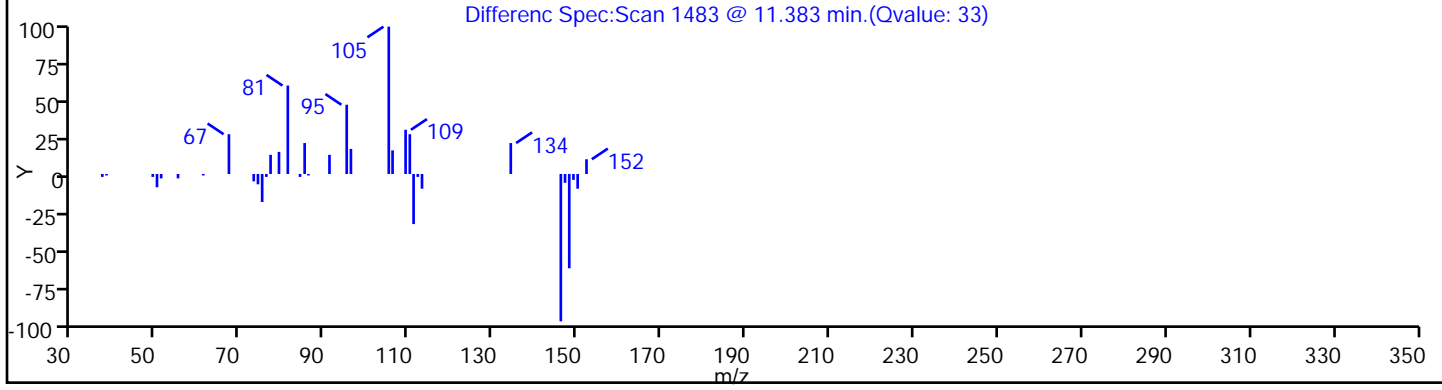
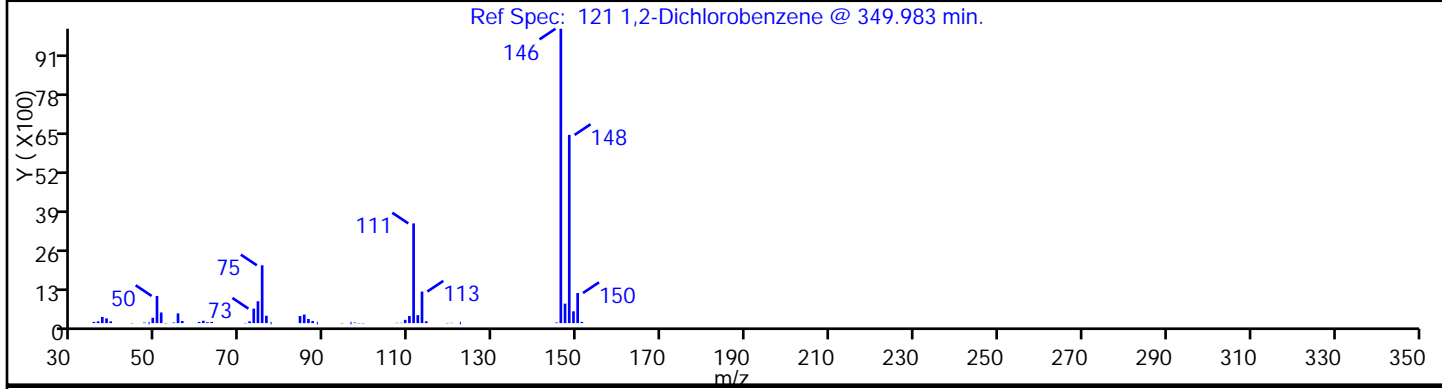
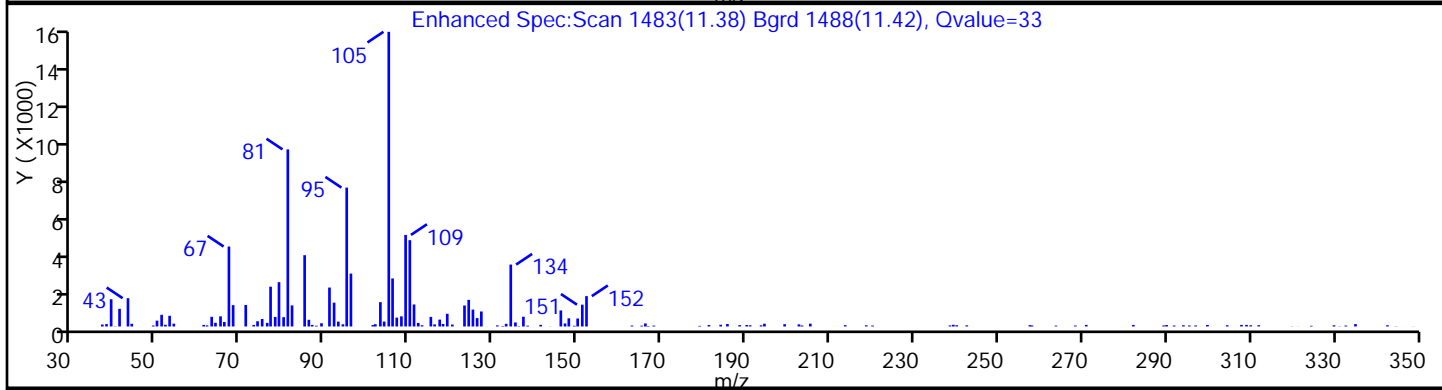
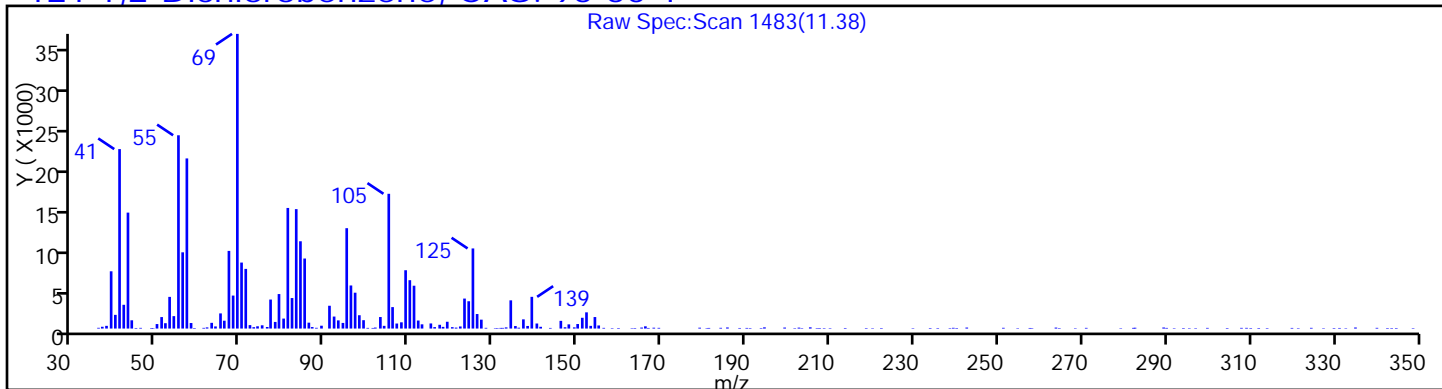
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

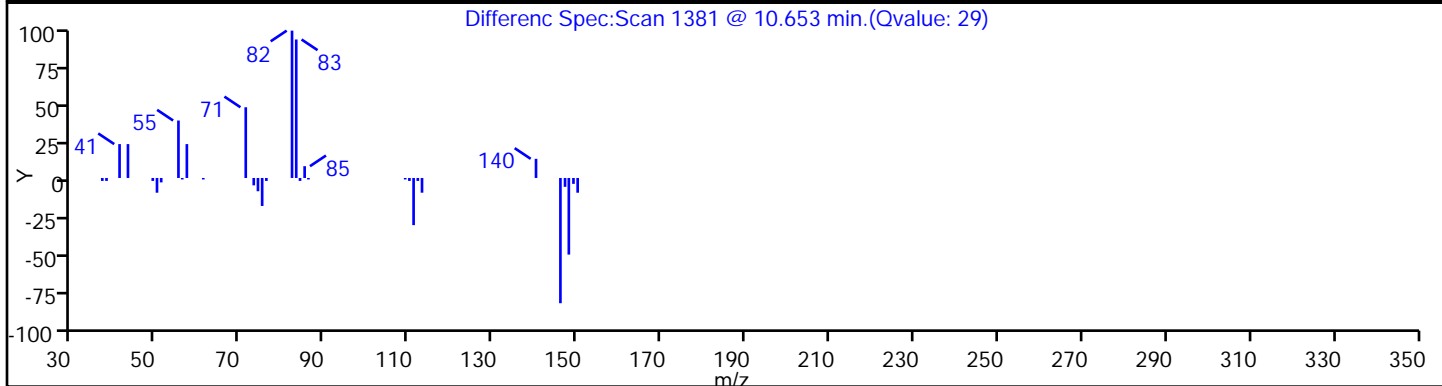
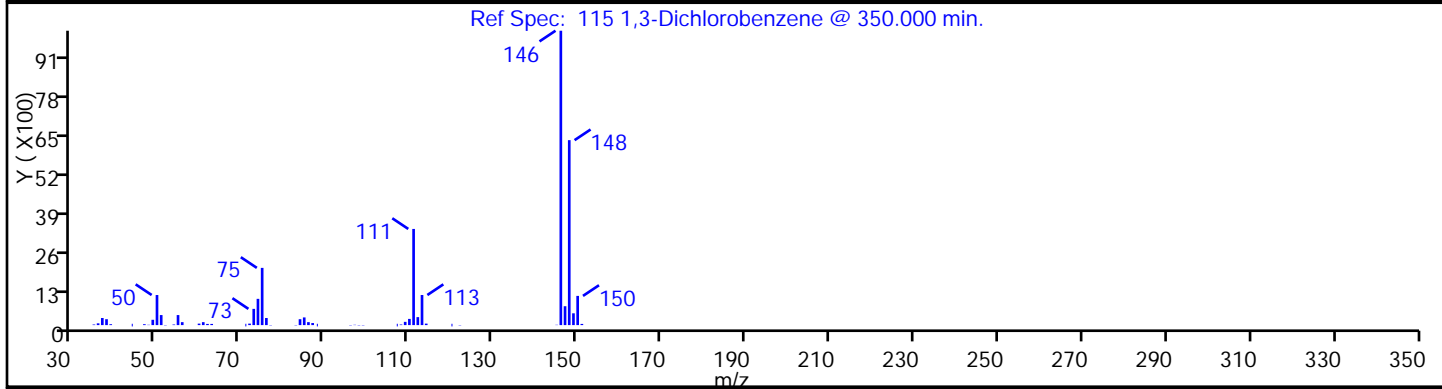
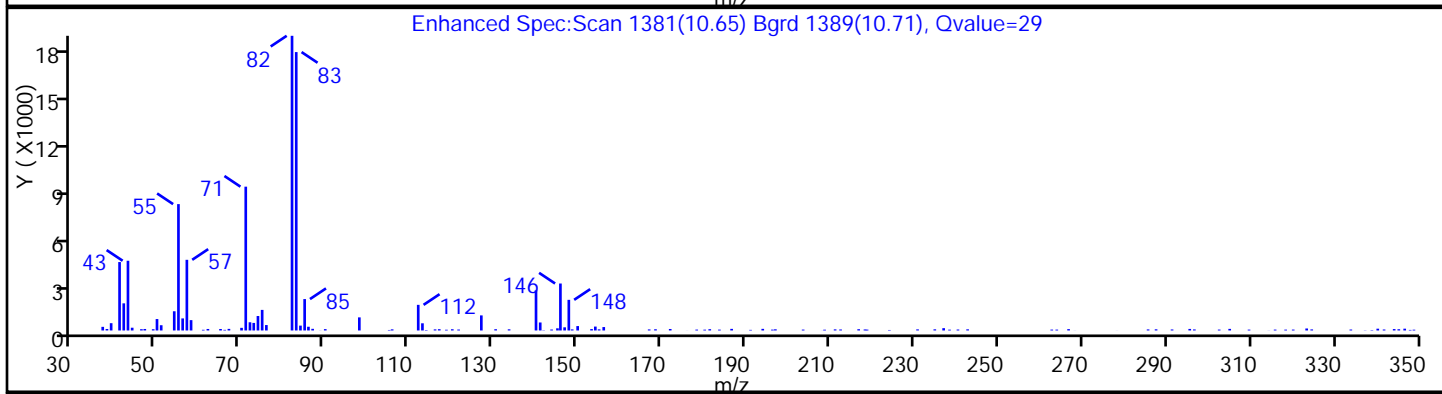
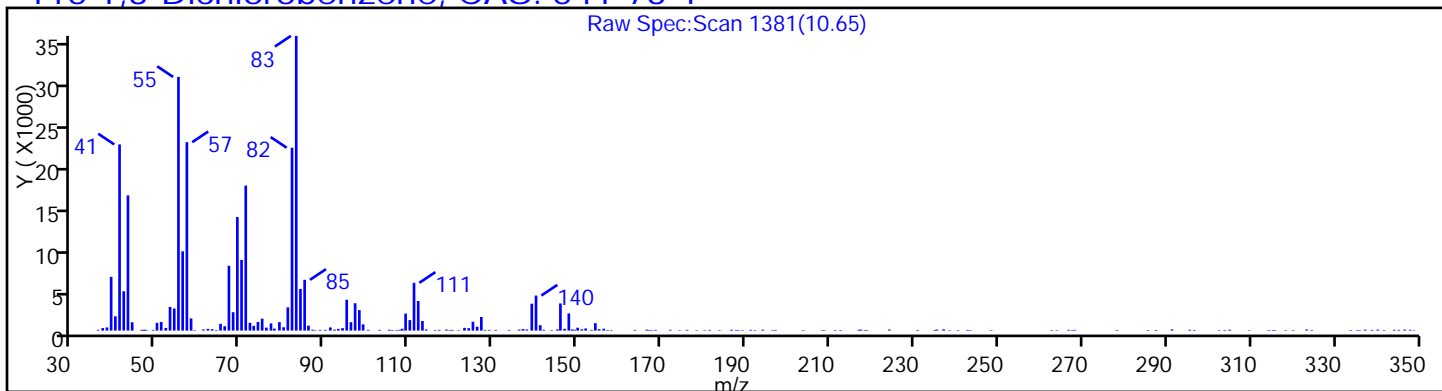
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

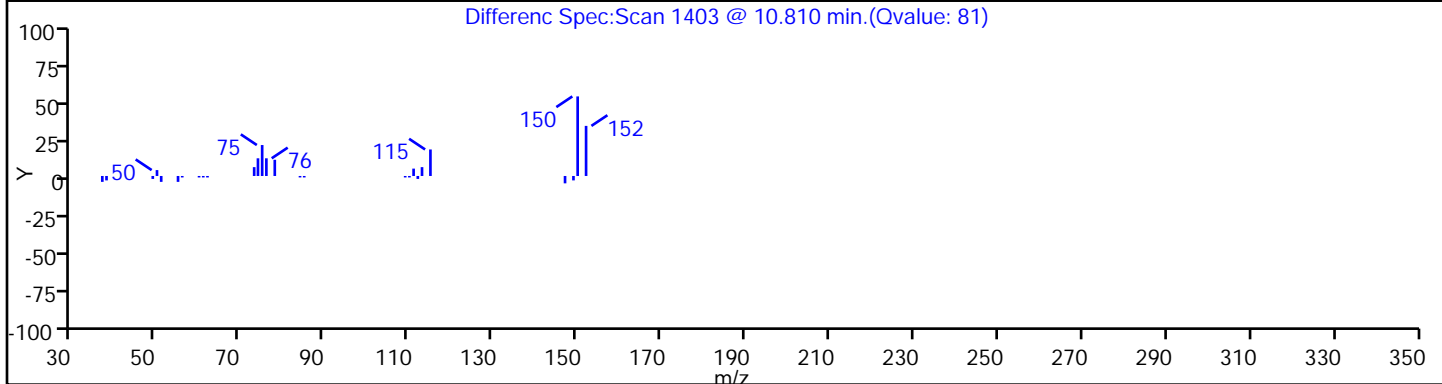
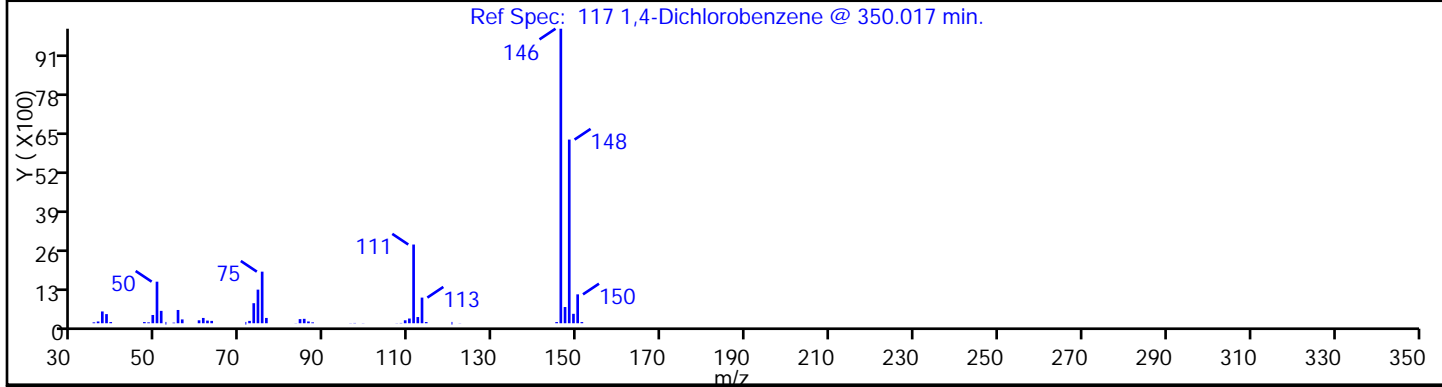
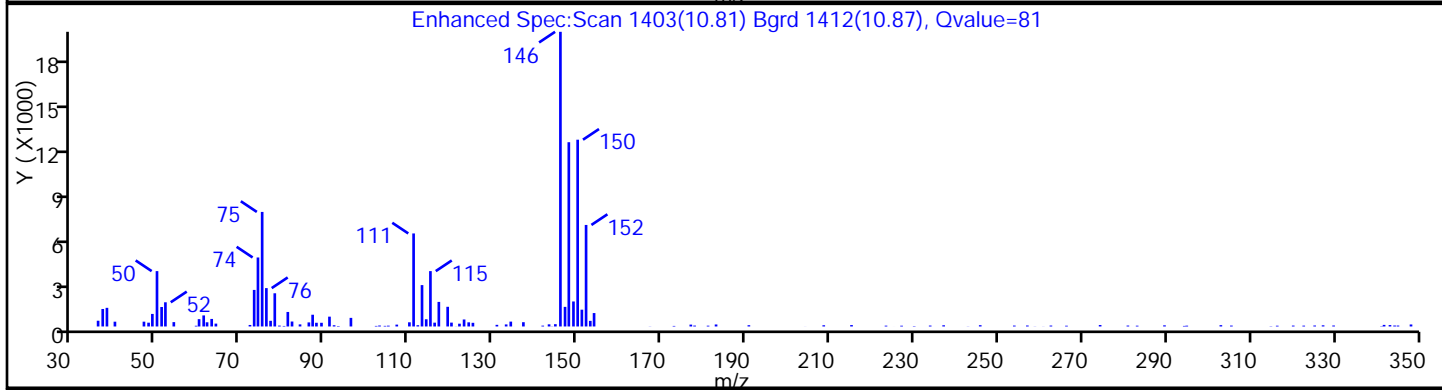
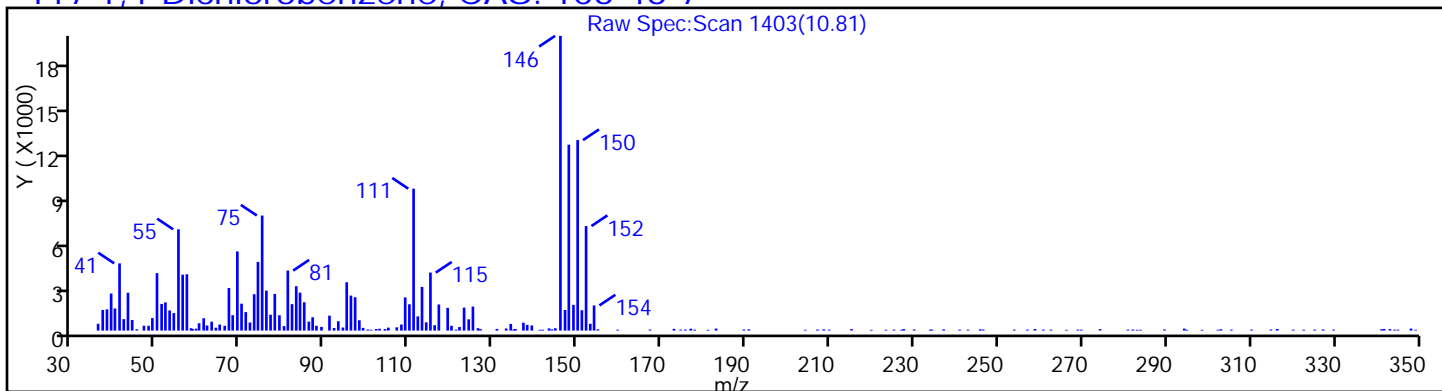
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

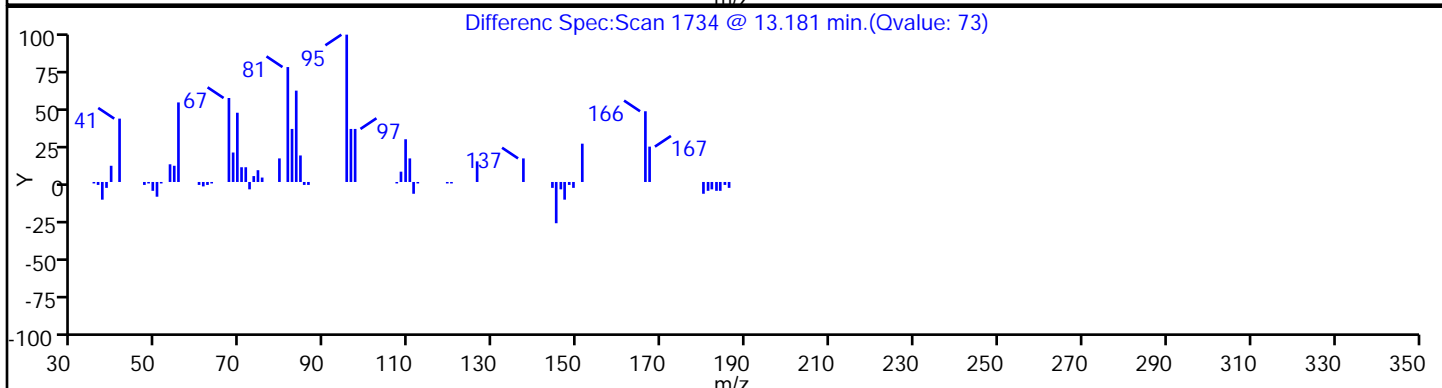
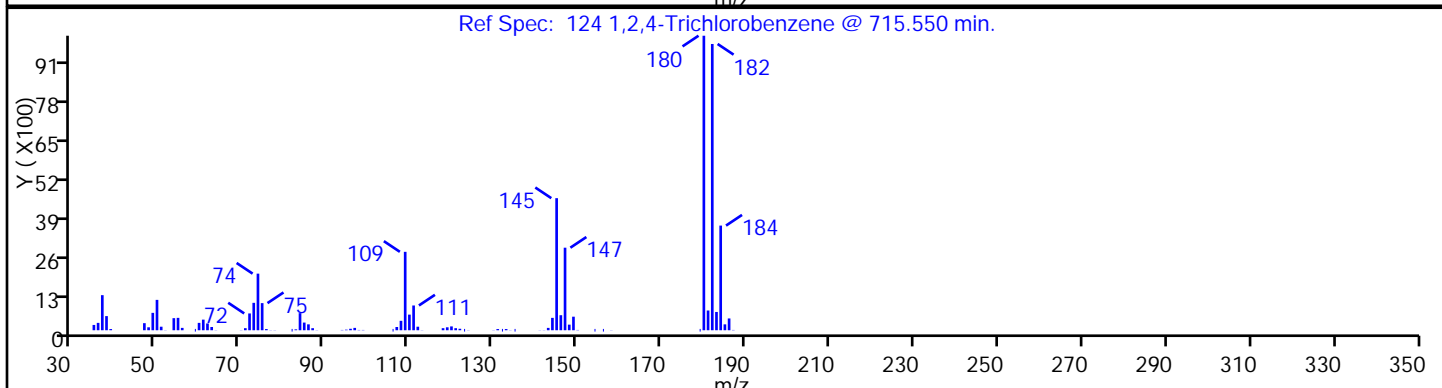
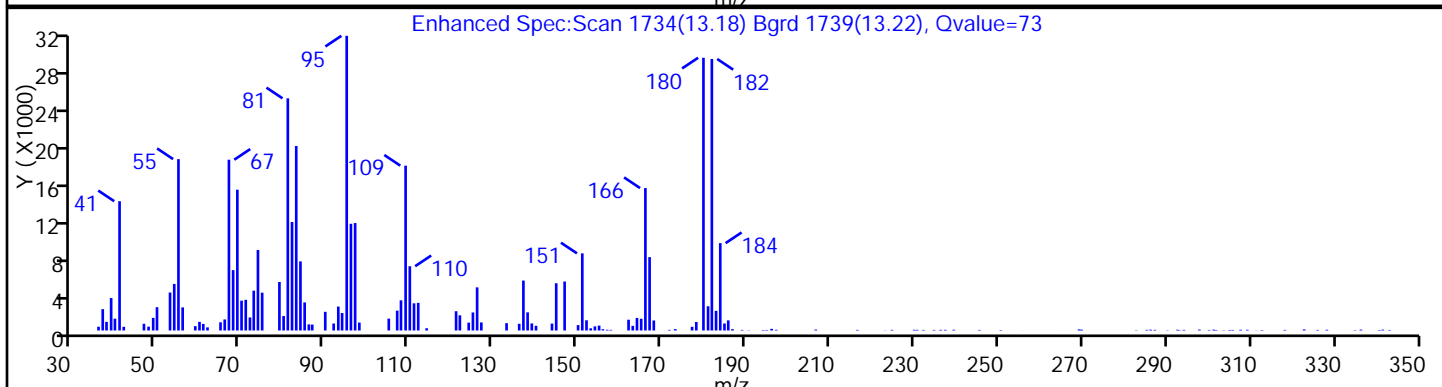
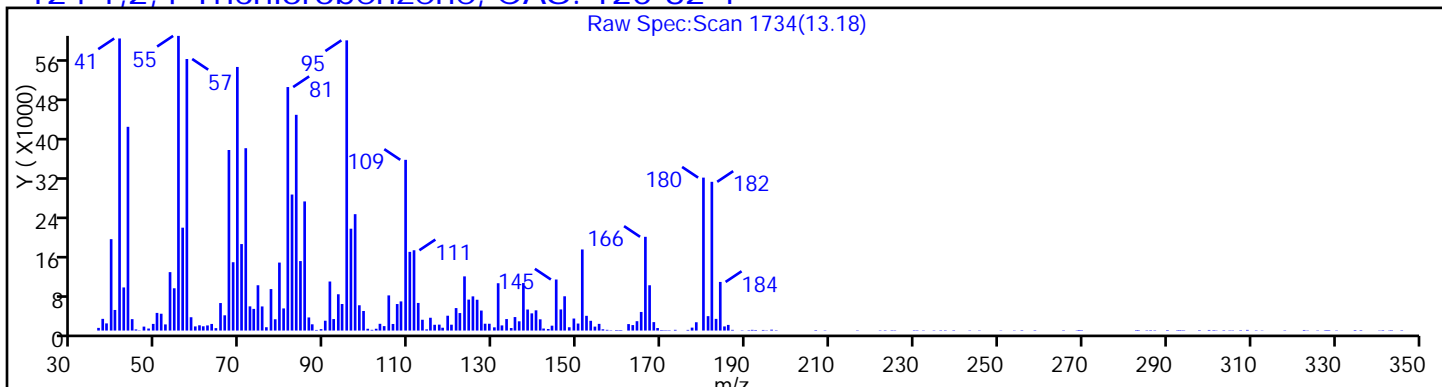
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

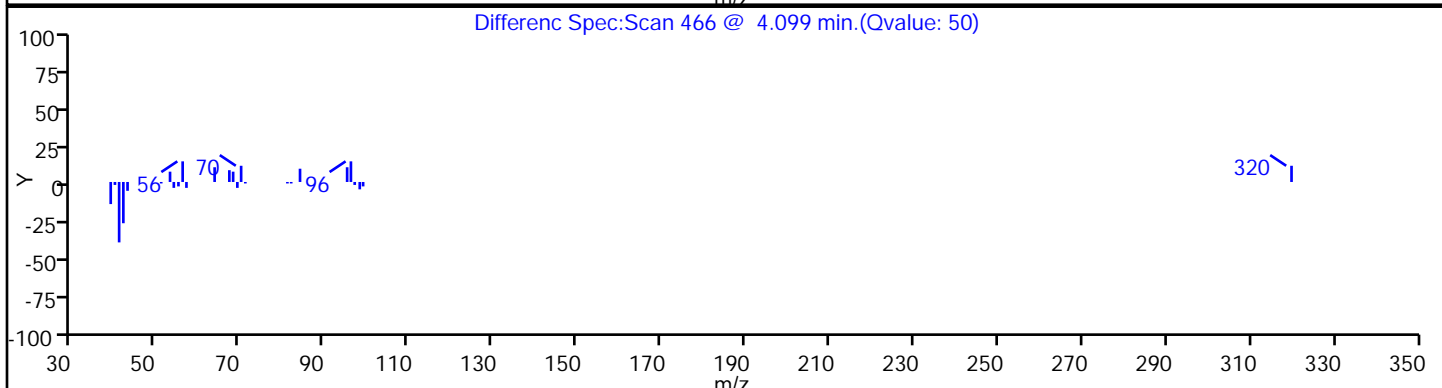
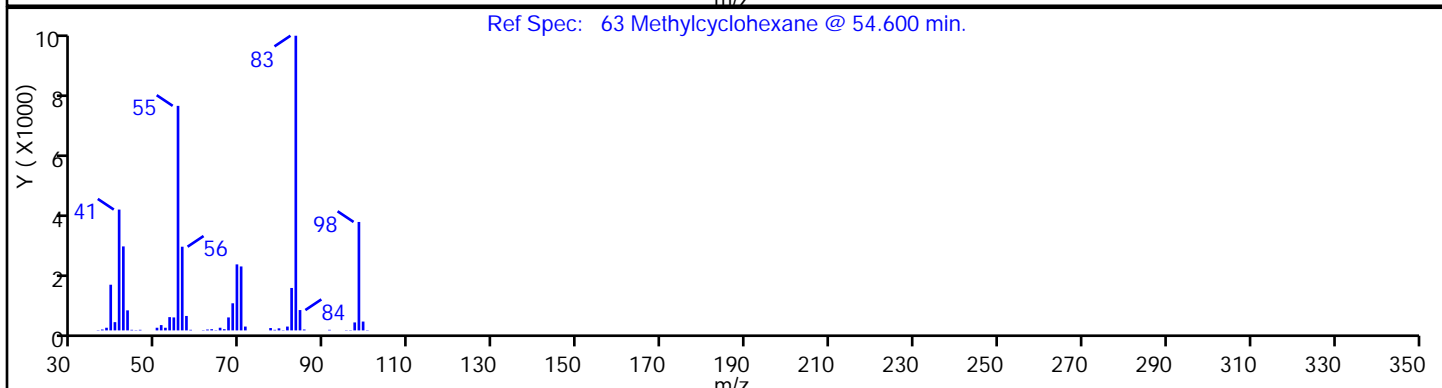
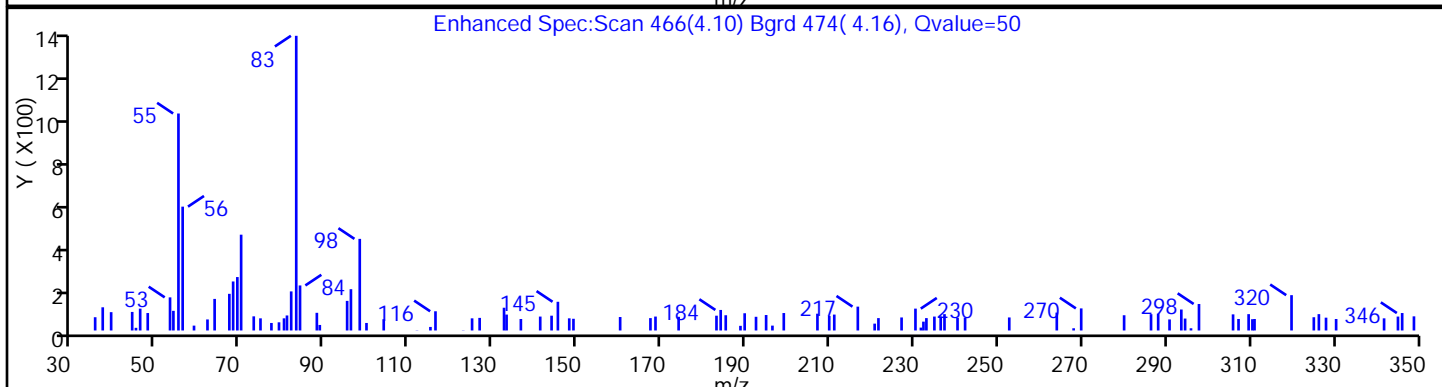
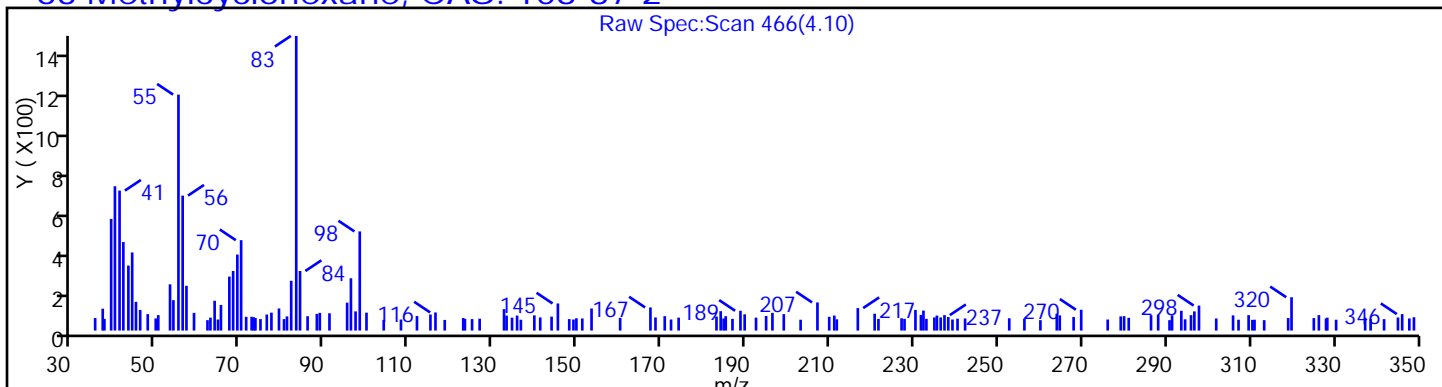
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

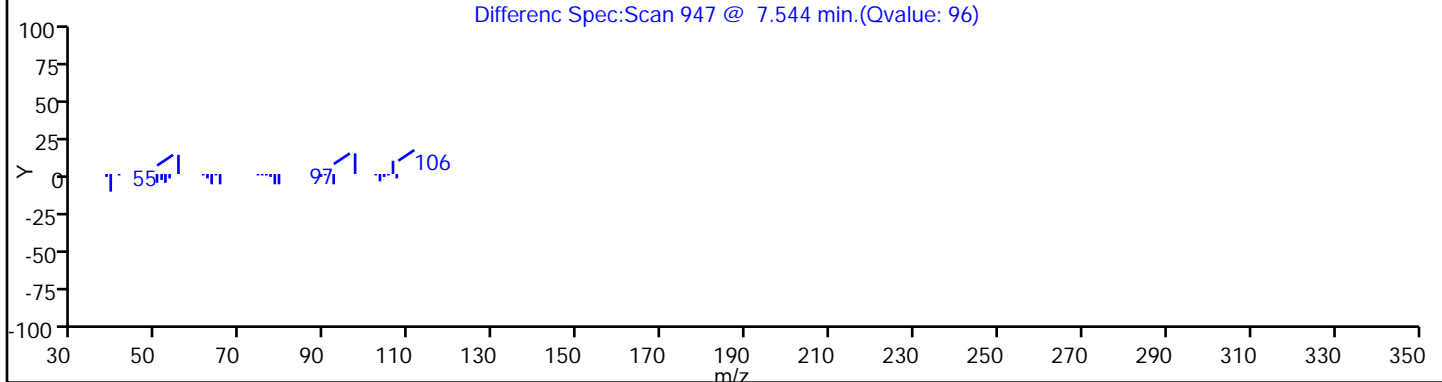
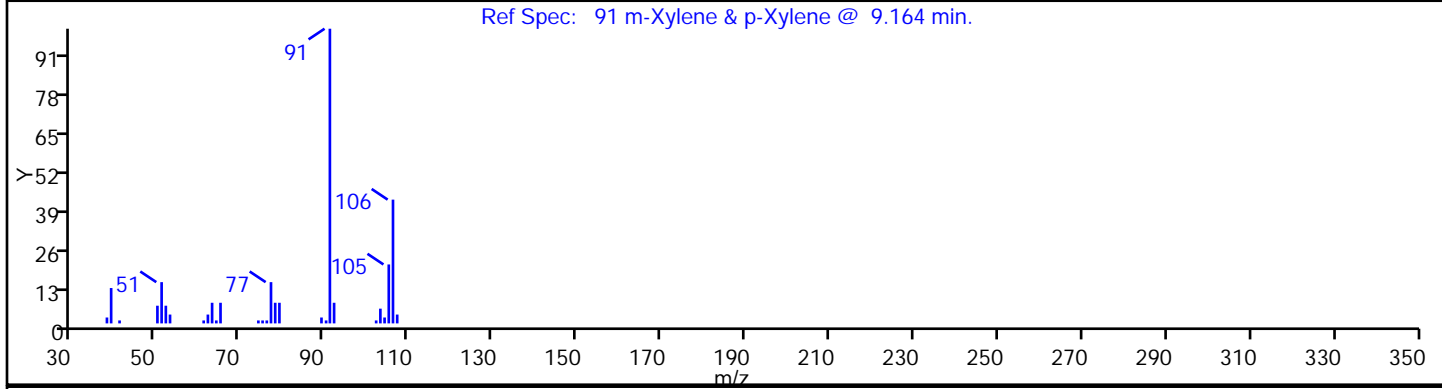
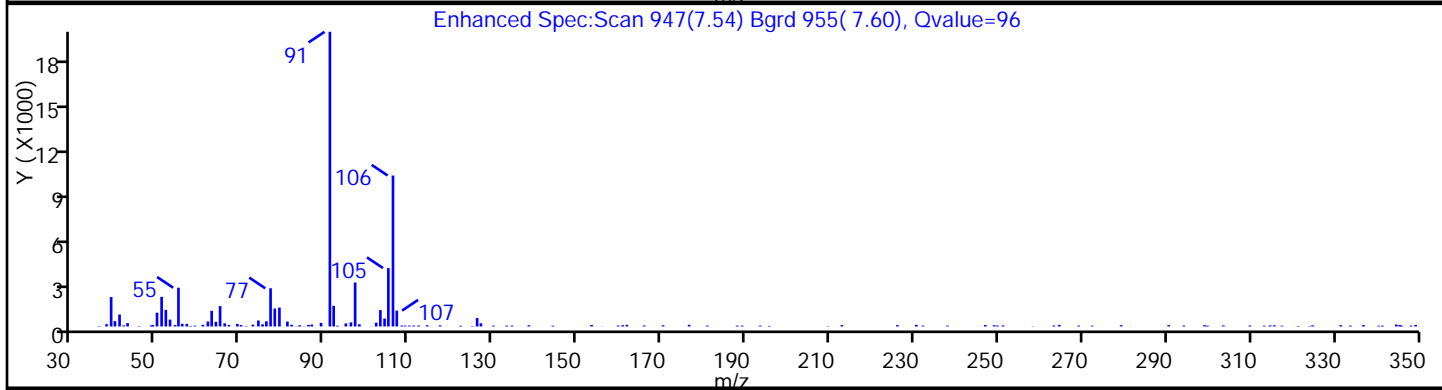
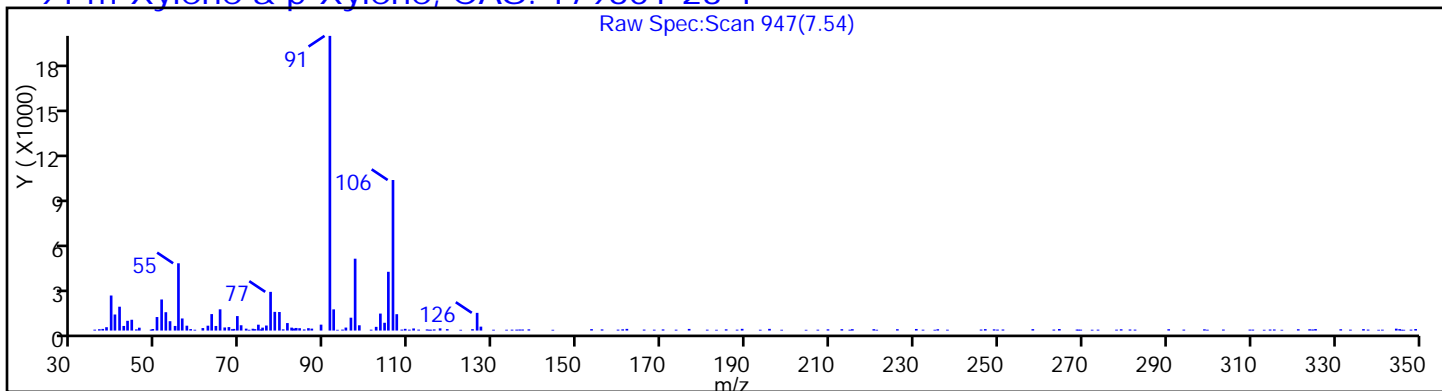
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

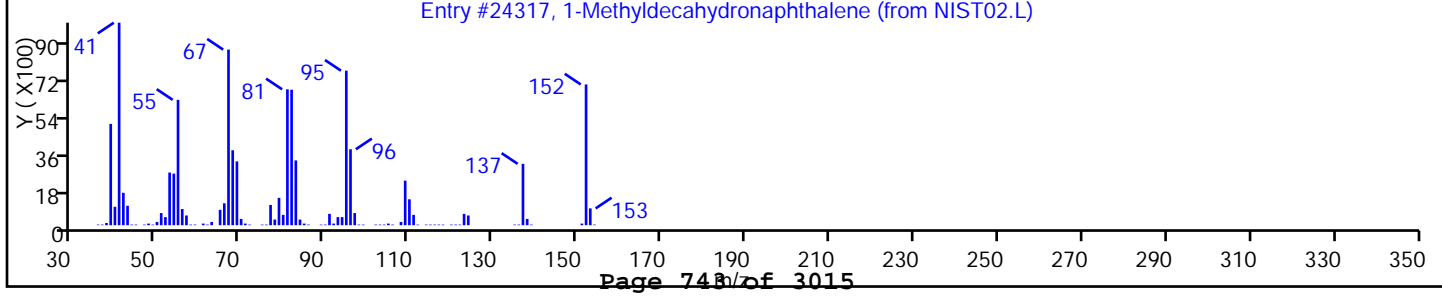
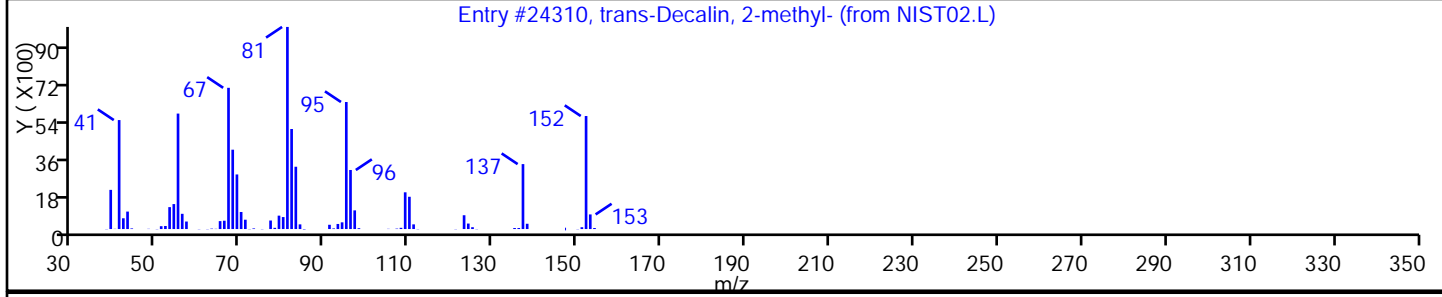
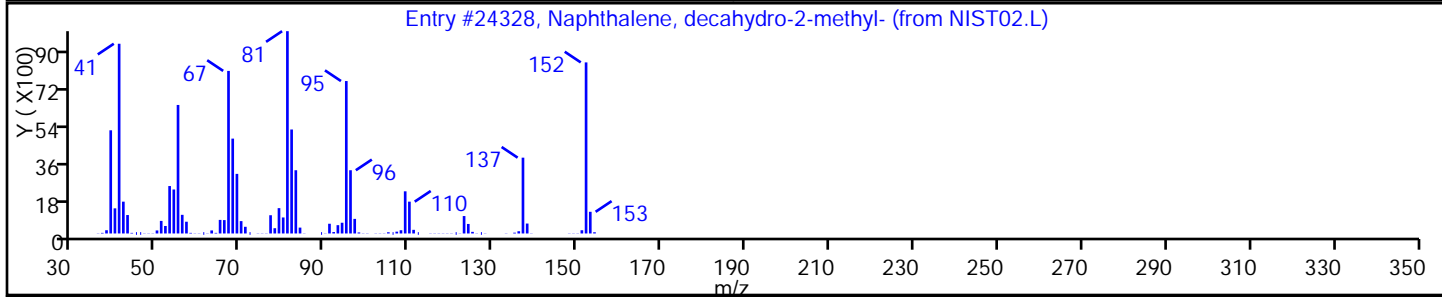
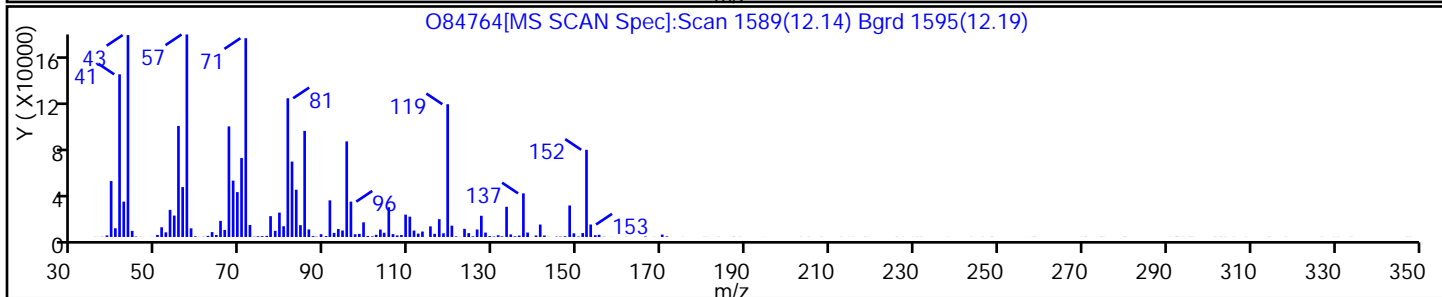
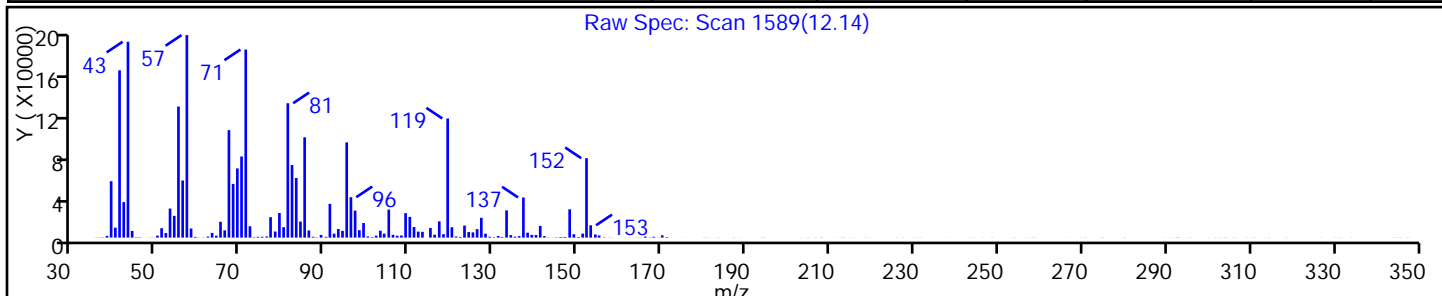
91 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D
 Injection Date: 14-Mar-2014 00:40:30 Instrument ID: CVOAMS12
 Lims ID: 460-72180-A-11-A Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Operator ID: VOA GC/MS12 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S_12 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	92
trans-Decalin, 2-methyl-	1000152-47	NIST02.L	24310	C11H20	152	74
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	47



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

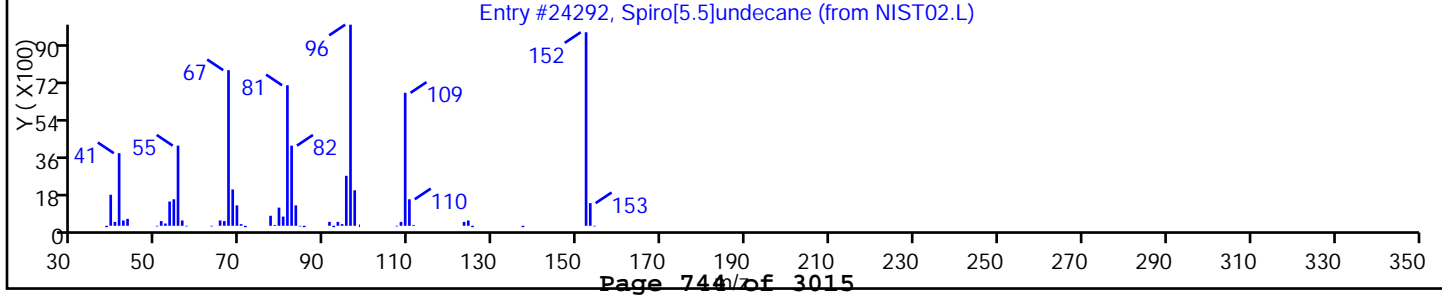
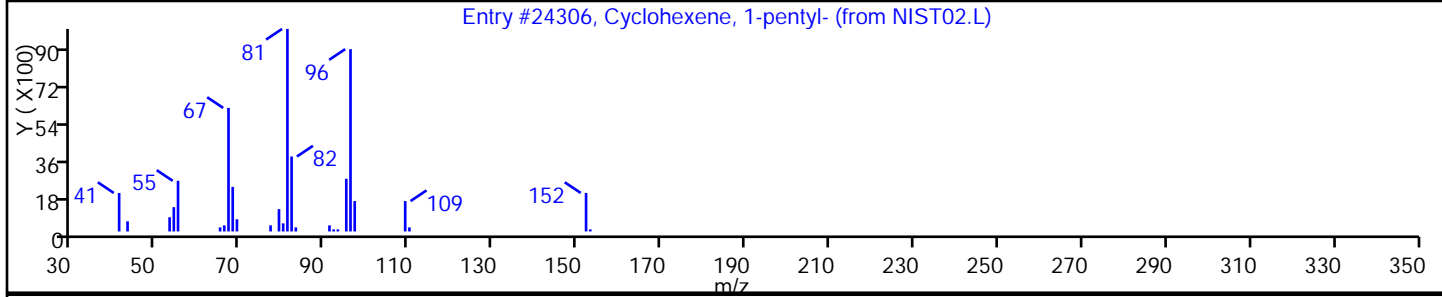
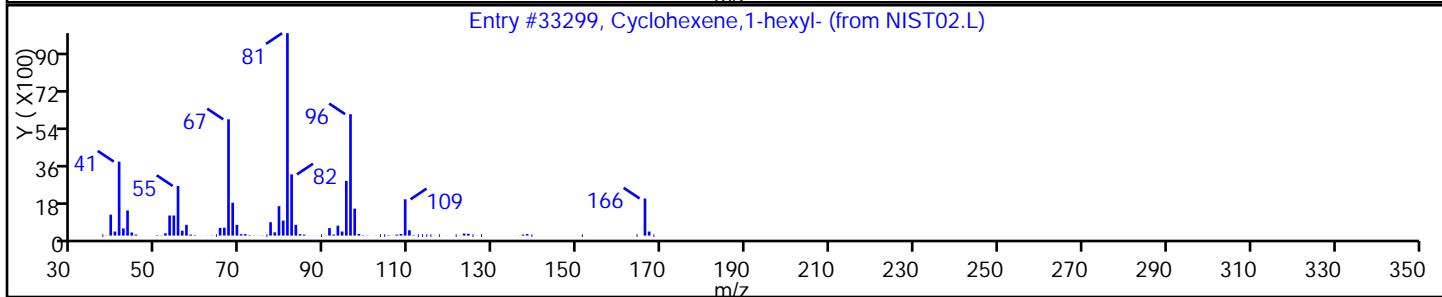
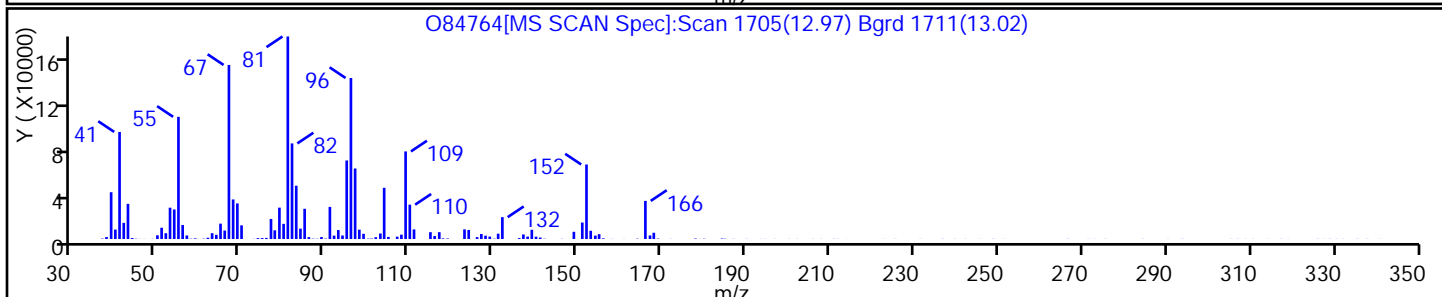
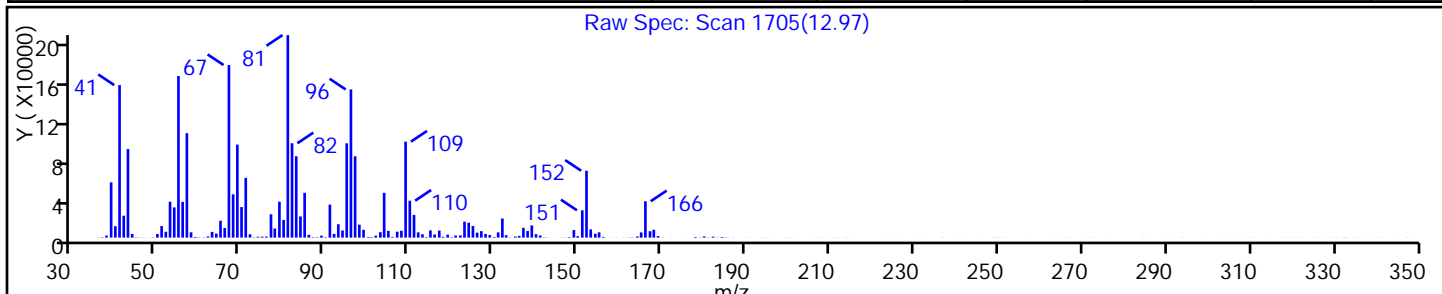
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexene,1-hexyl-	3964-66-7	NIST02.L	33299	C12H22	166	76
Cyclohexene, 1-pentyl-	15232-85-6	NIST02.L	24306	C11H20	152	74
Spiro[5.5]undecane	180-43-8	NIST02.L	24292	C11H20	152	70



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

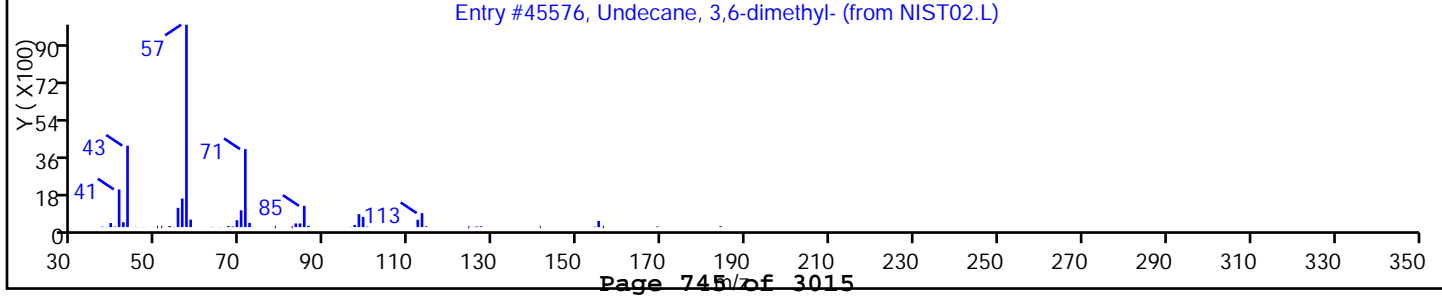
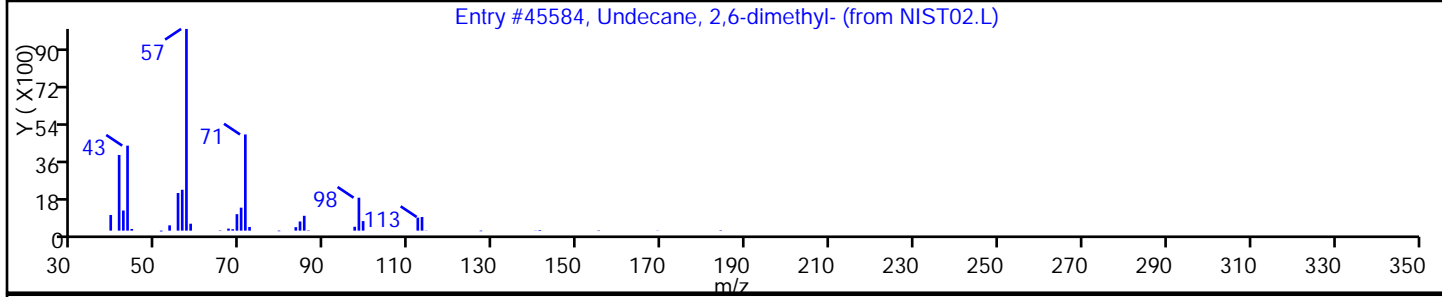
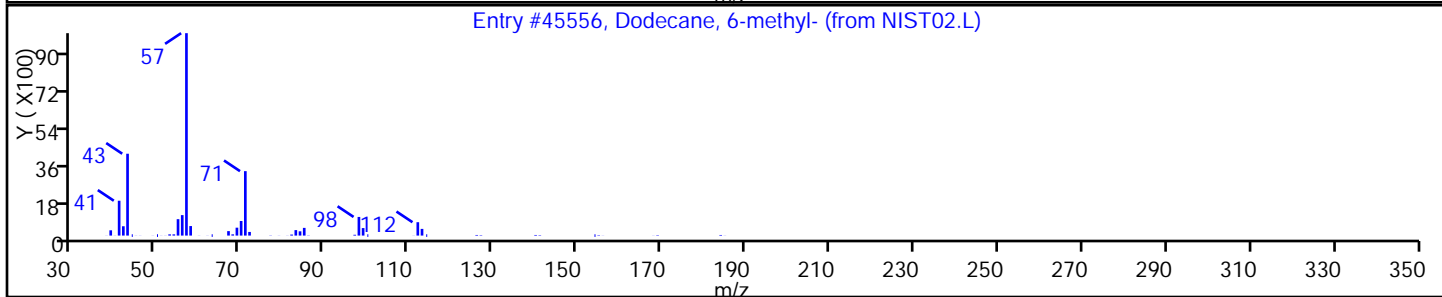
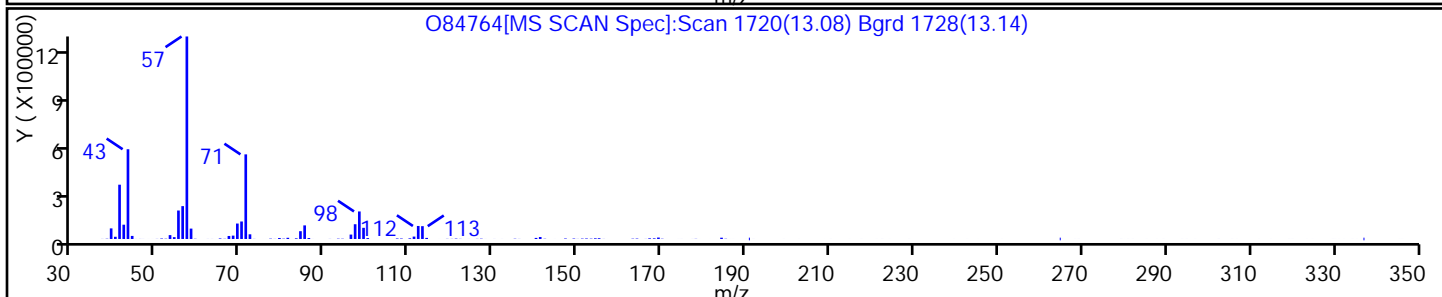
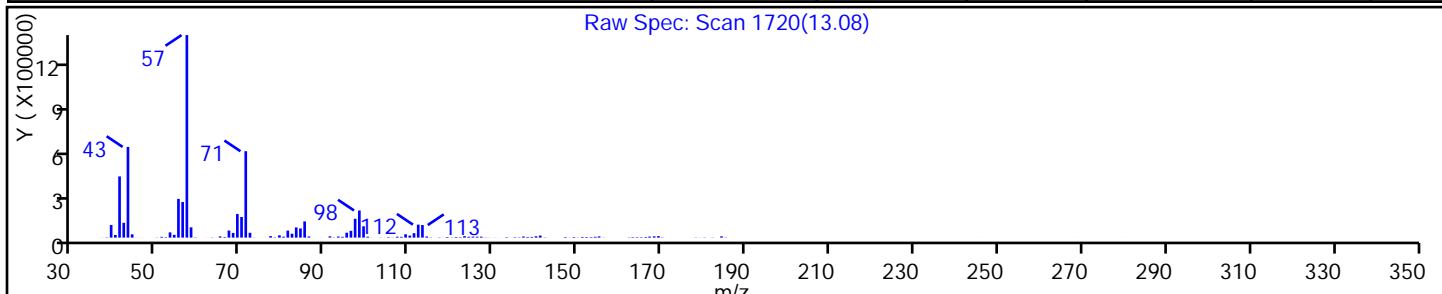
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 6-methyl-	6044-71-9	NIST02.L	45556	C13H28	184	97
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	C13H28	184	95
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

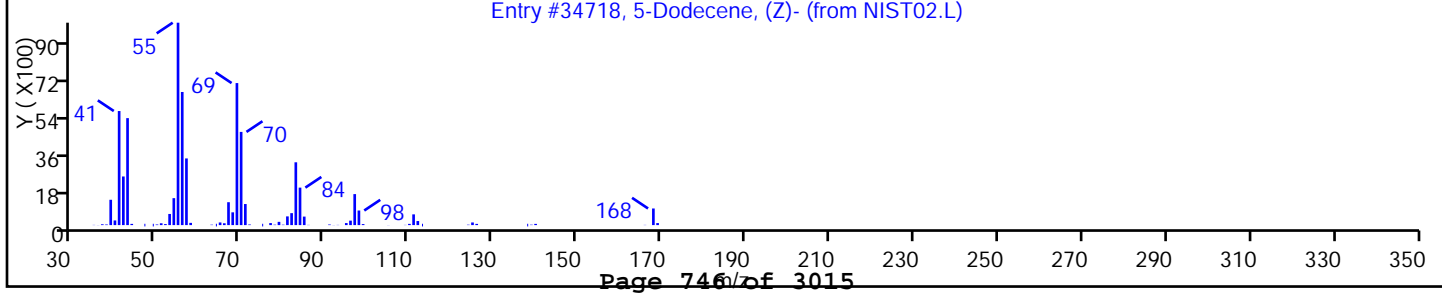
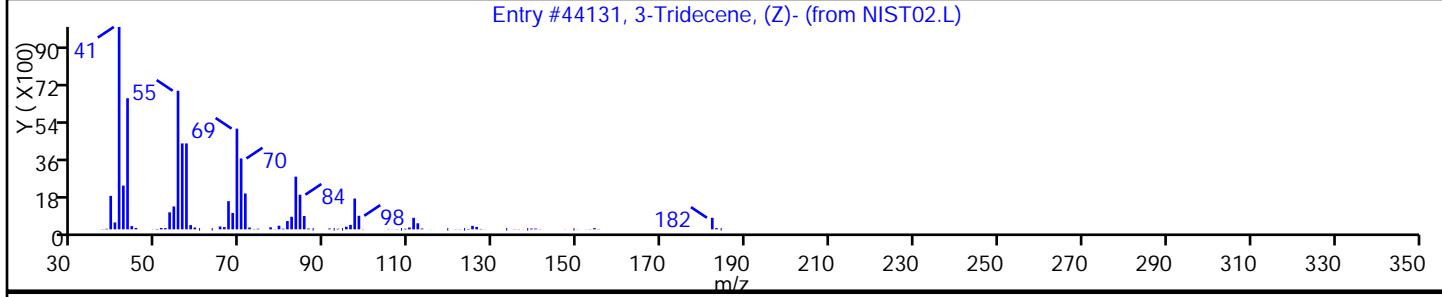
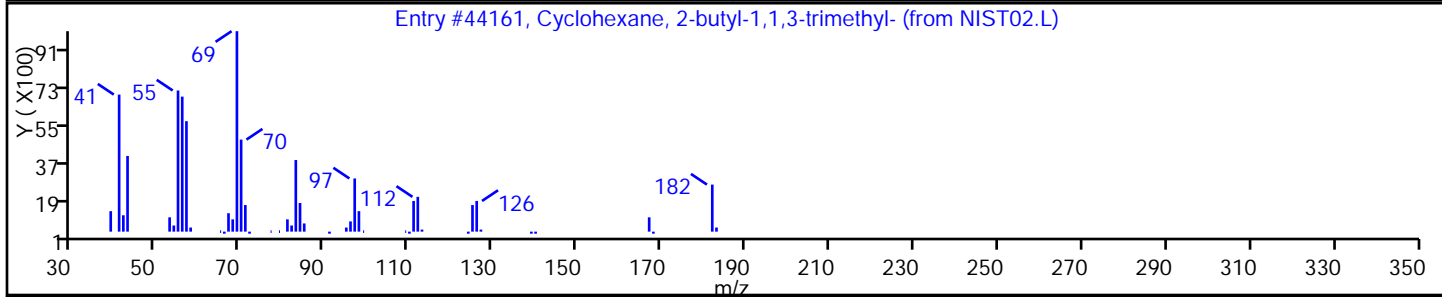
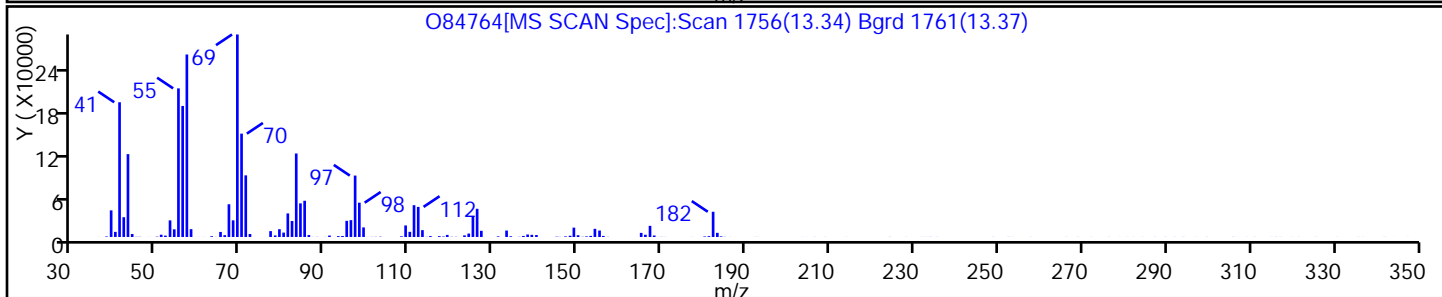
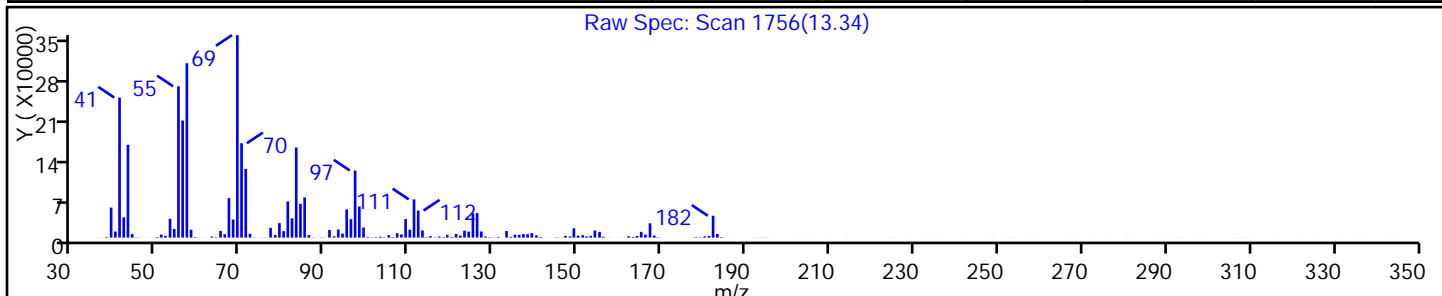
Method: 8260S_12

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	97
3-Tridecene, (Z)-	41446-53-1	NIST02.L	44131	C13H26	182	90
5-Dodecene, (Z)-	7206-28-2	NIST02.L	34718	C12H24	168	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

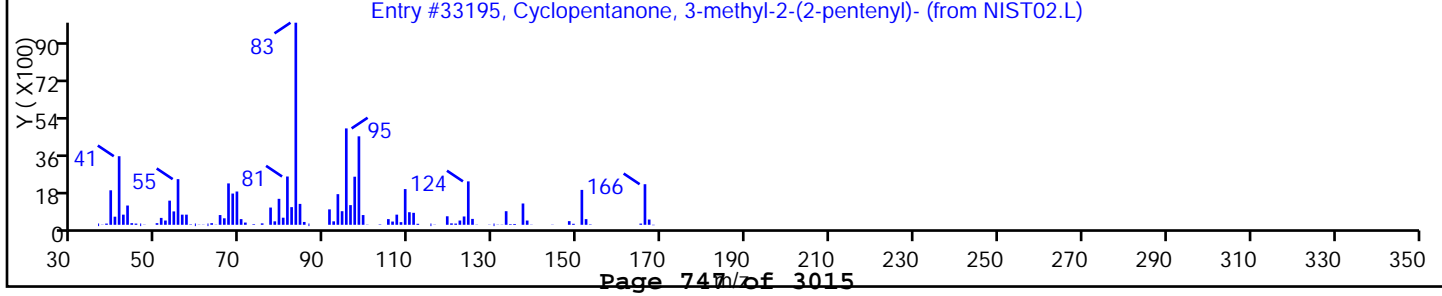
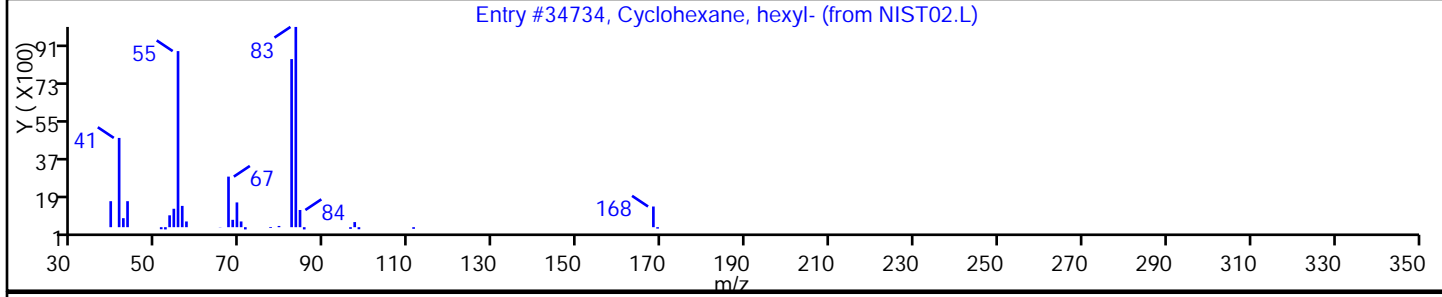
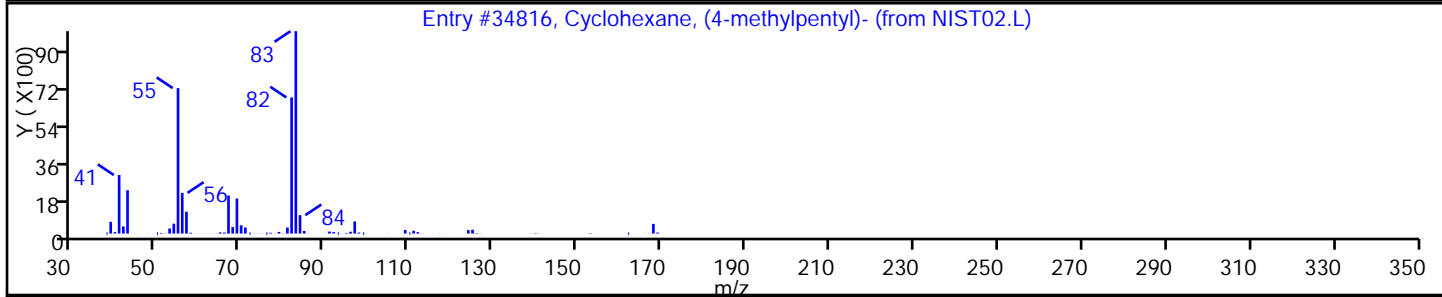
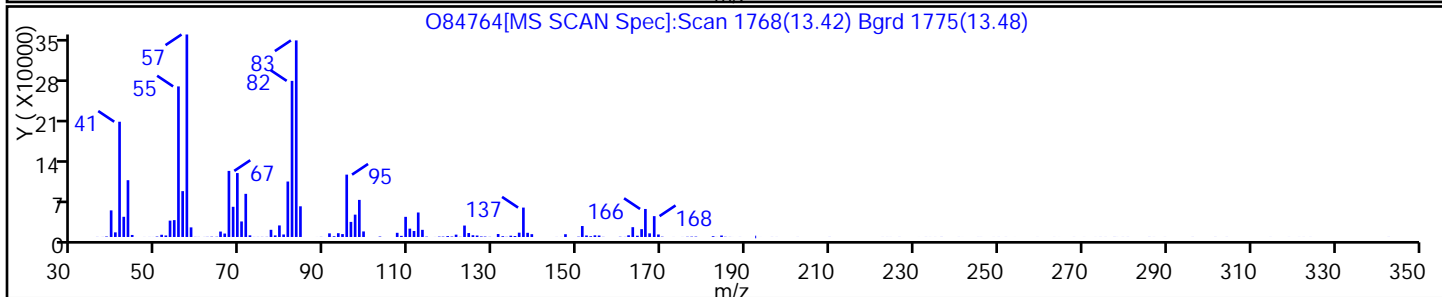
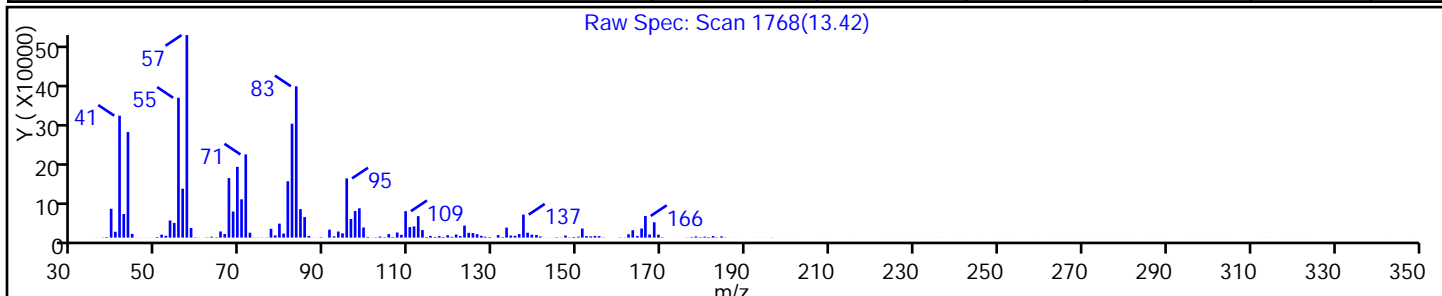
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, (4-methylpentyl)-	61142-20-9	NIST02.L	34816	C12H24	168	62
Cyclohexane, hexyl-	4292-75-5	NIST02.L	34734	C12H24	168	58
Cyclopentanone, 3-methyl-2-(2-pentenyl)-	7051-39-0	NIST02.L	33195	C11H18O	166	55



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

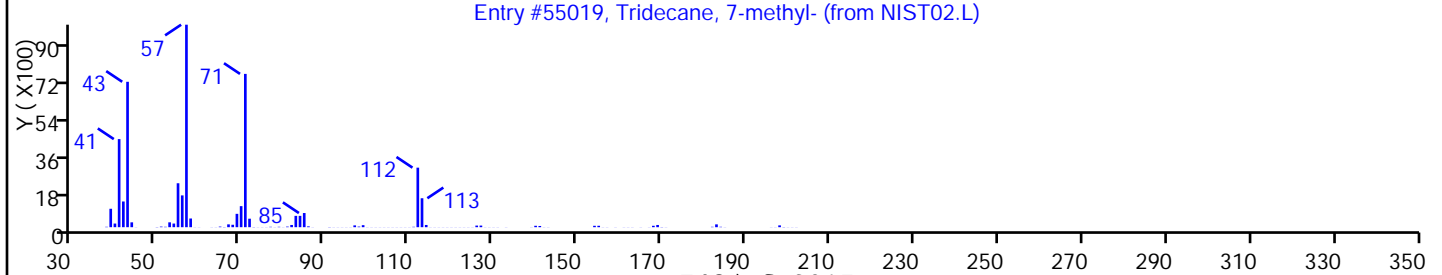
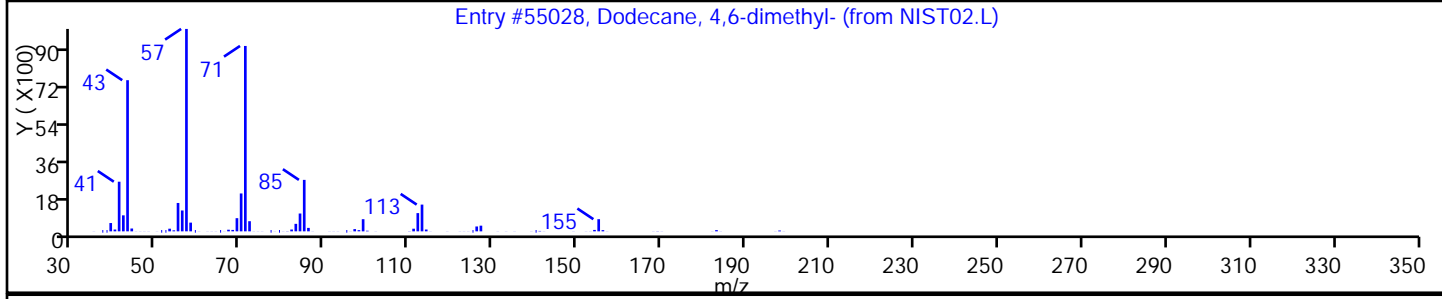
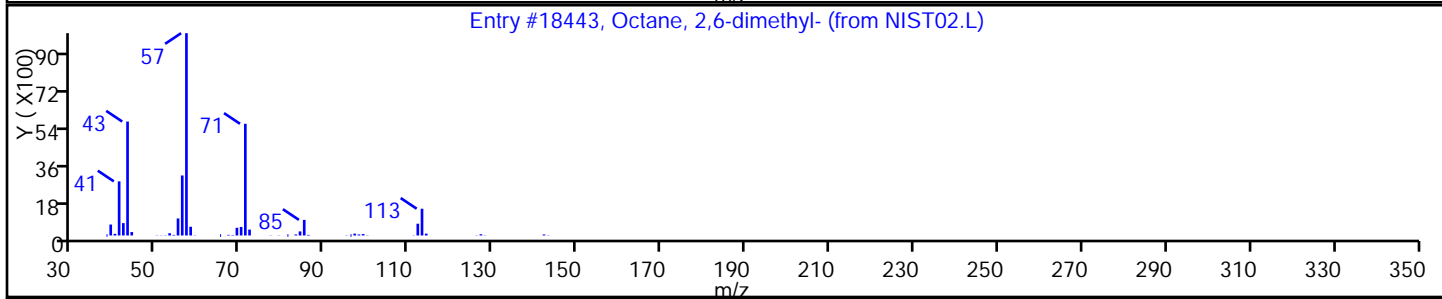
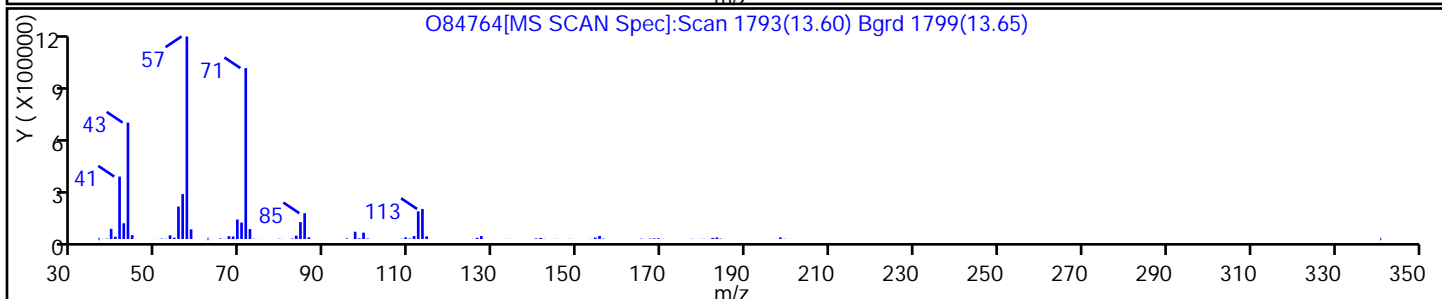
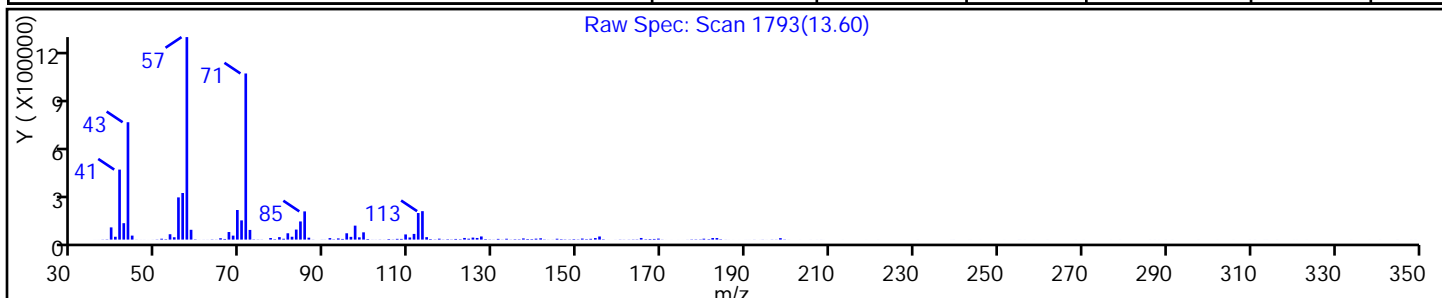
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55028	C14H30	198	80
Tridecane, 7-methyl-	26730-14-3	NIST02.L	55019	C14H30	198	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

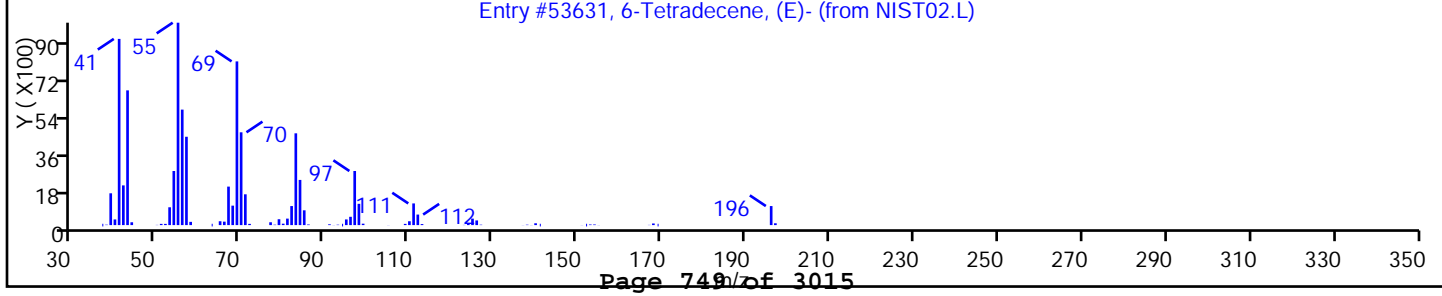
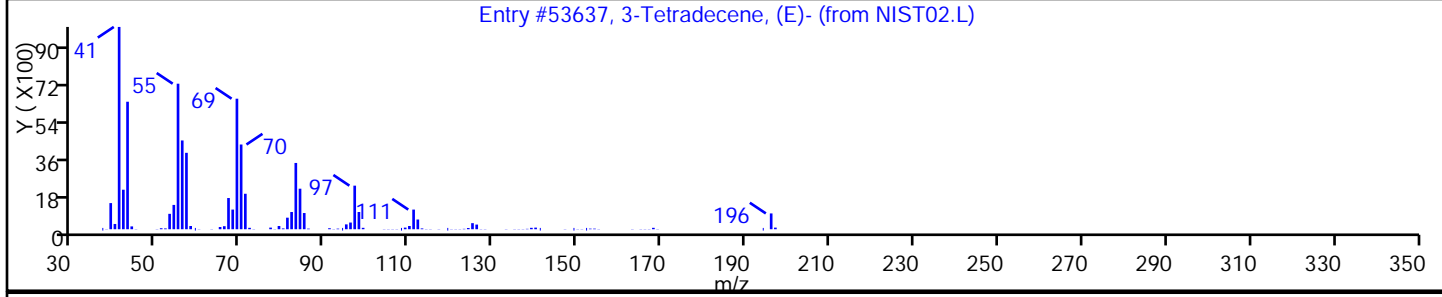
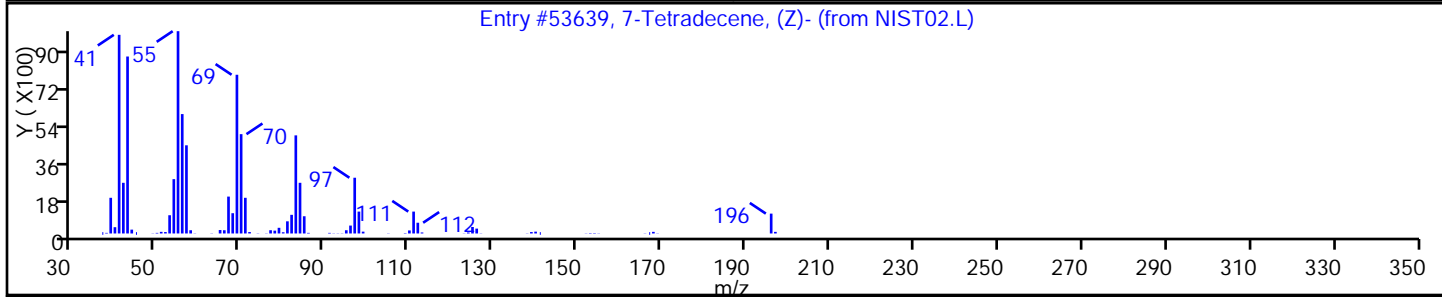
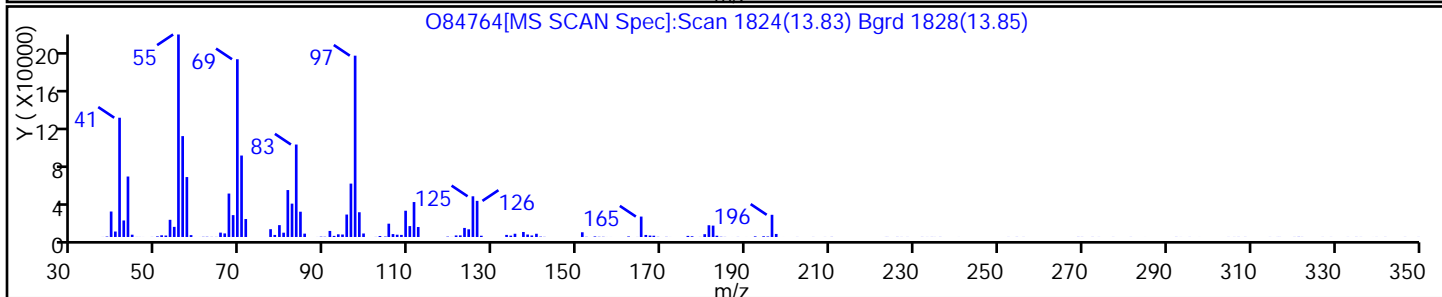
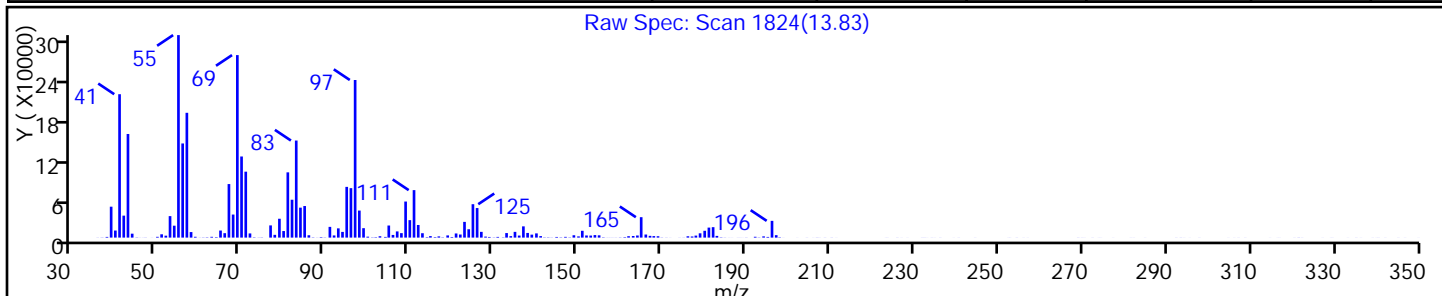
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
7-Tetradecene, (Z)-	41446-60-0	NIST02.L	53639	C14H28	196	83
3-Tetradecene, (E)-	41446-68-8	NIST02.L	53637	C14H28	196	64
6-Tetradecene, (E)-	41446-64-4	NIST02.L	53631	C14H28	196	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

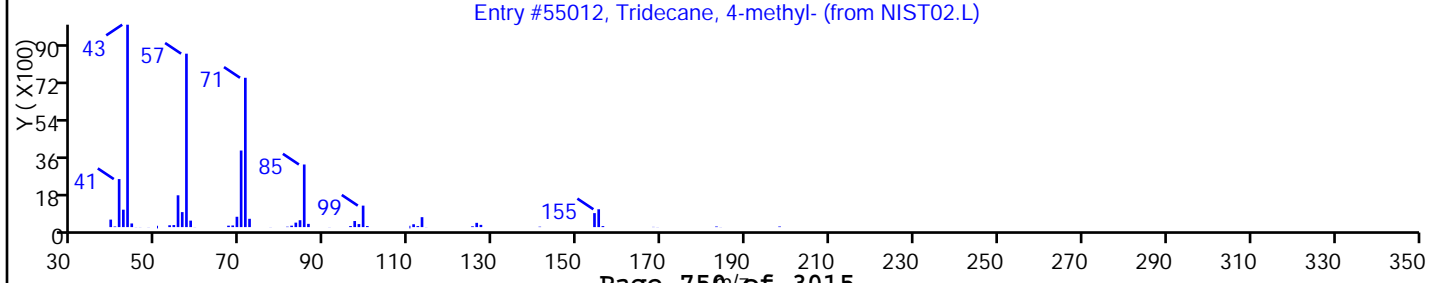
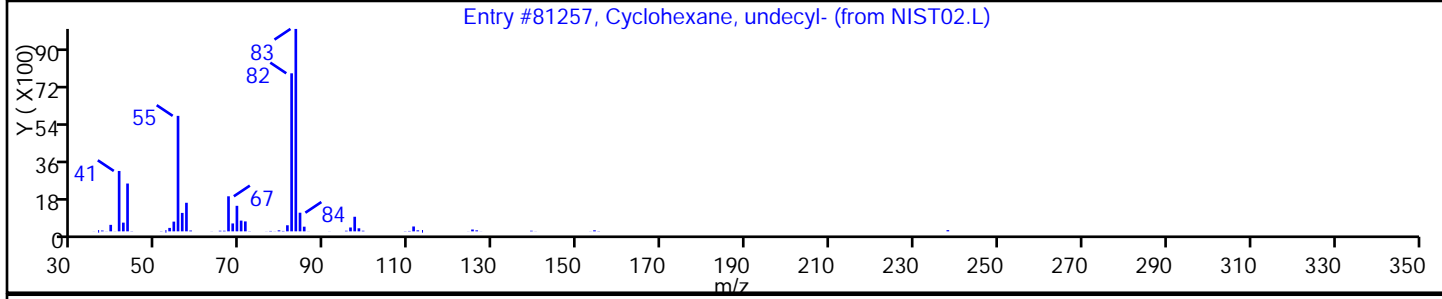
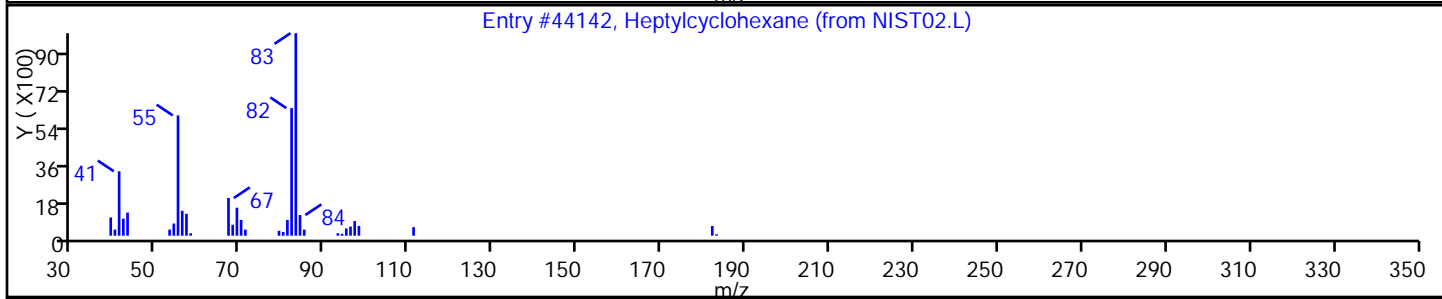
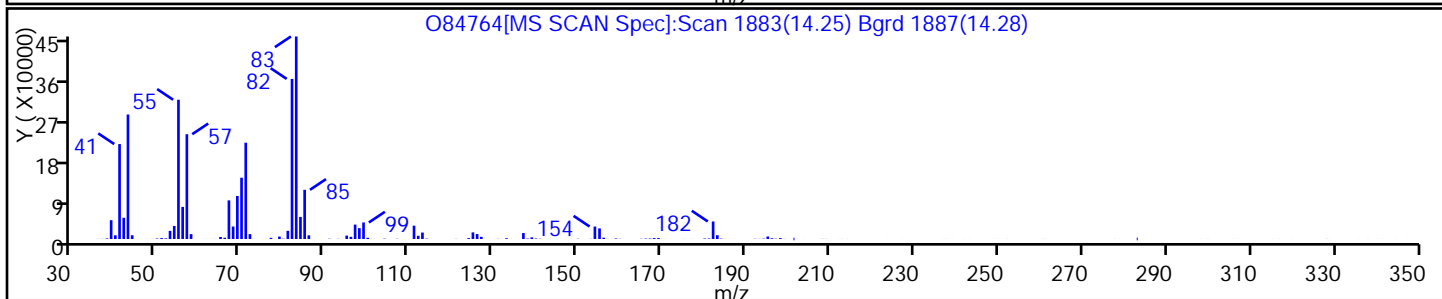
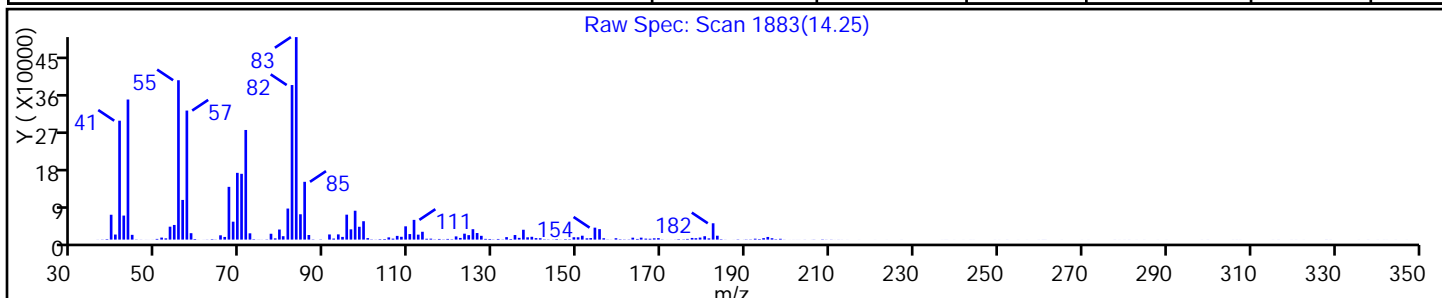
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptylcyclohexane	5617-41-4	NIST02.L	44142	C13H26	182	70
Cyclohexane, undecyl-	54105-66-7	NIST02.L	81257	C17H34	238	70
Tridecane, 4-methyl-	26730-12-1	NIST02.L	55012	C14H30	198	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

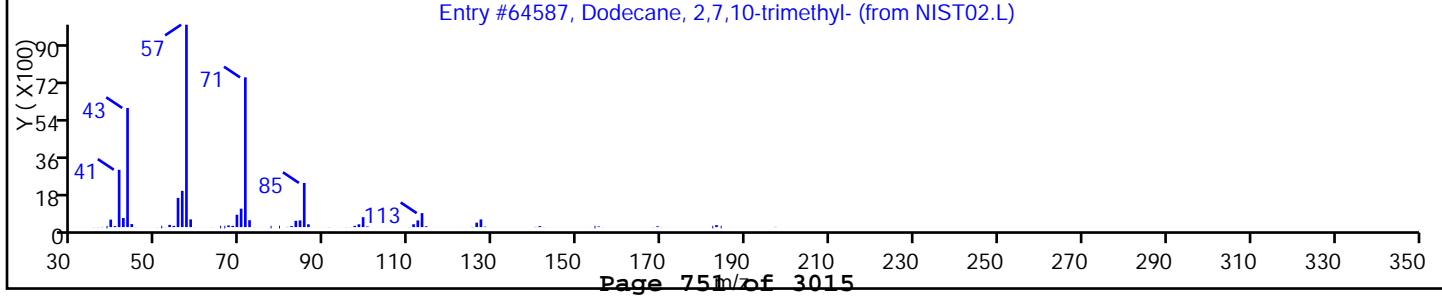
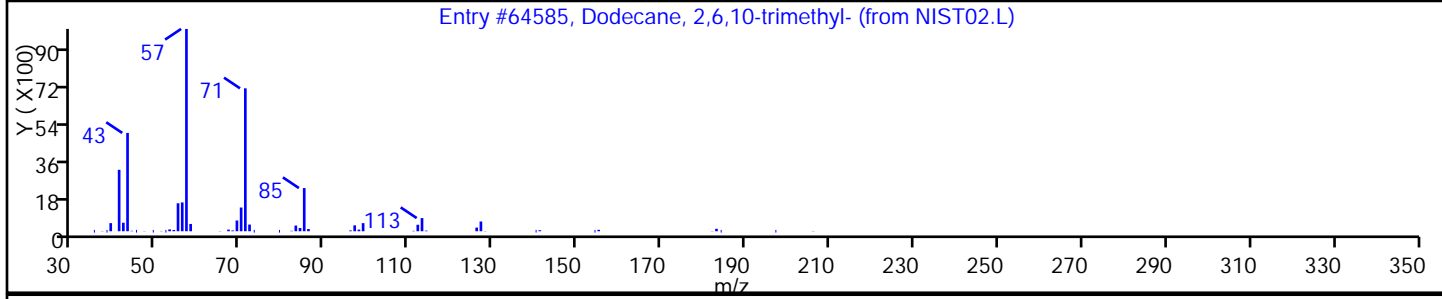
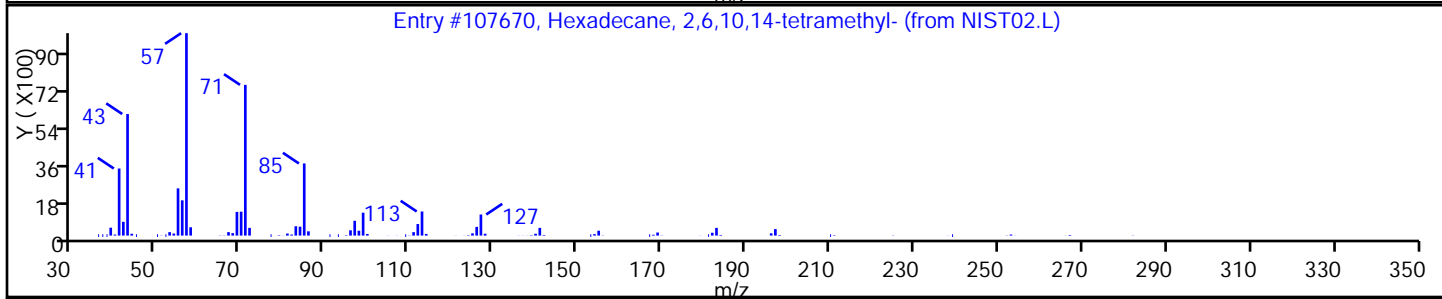
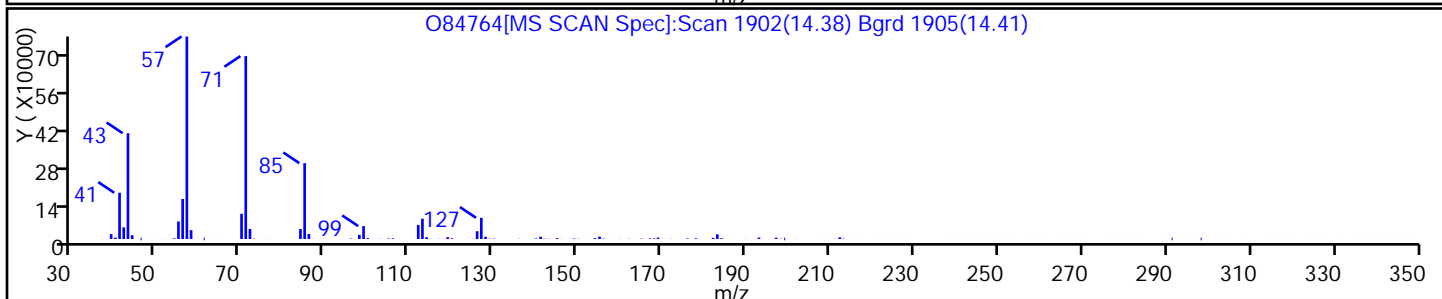
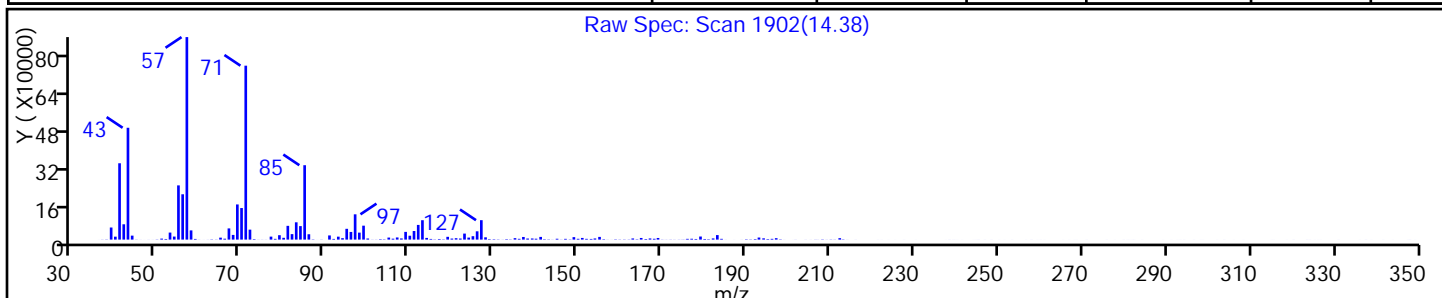
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84764.D

Injection Date: 14-Mar-2014 00:40:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

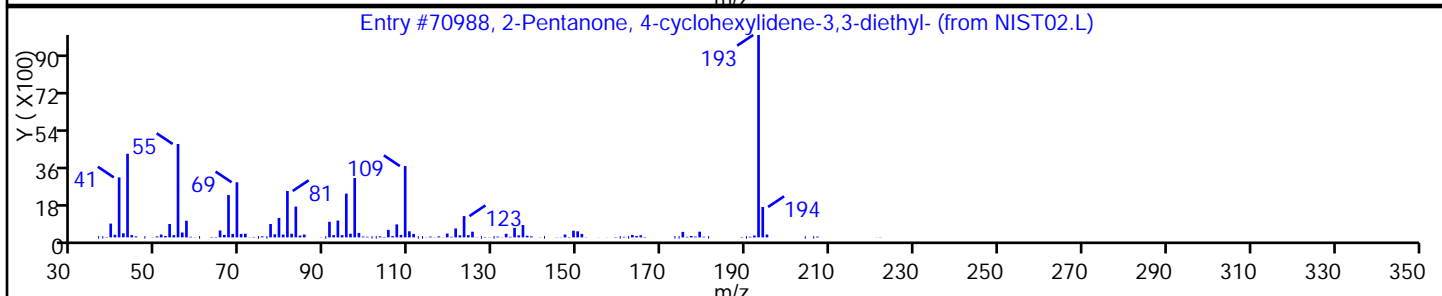
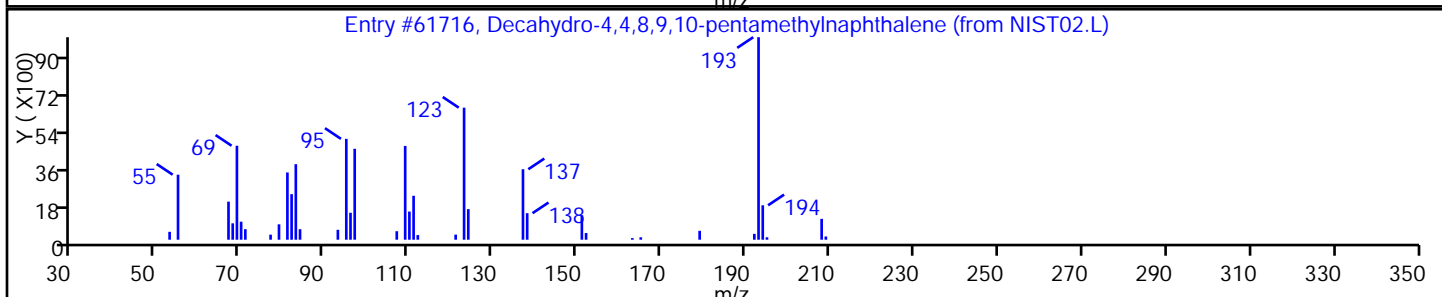
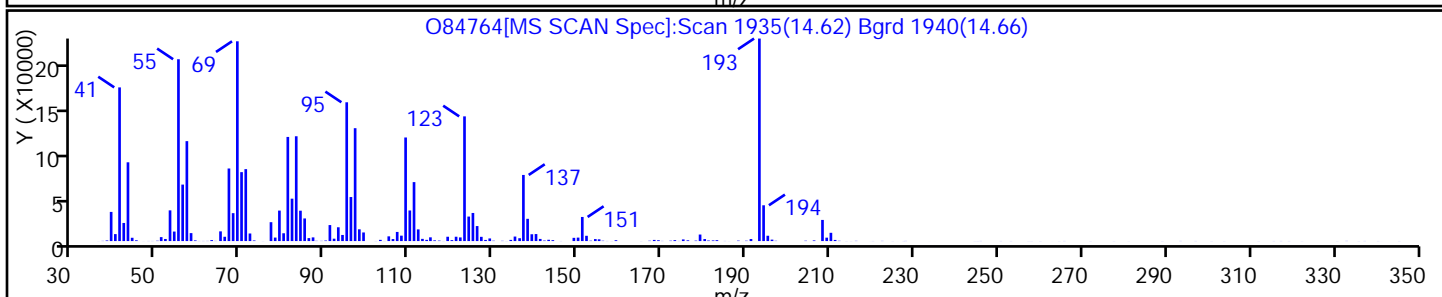
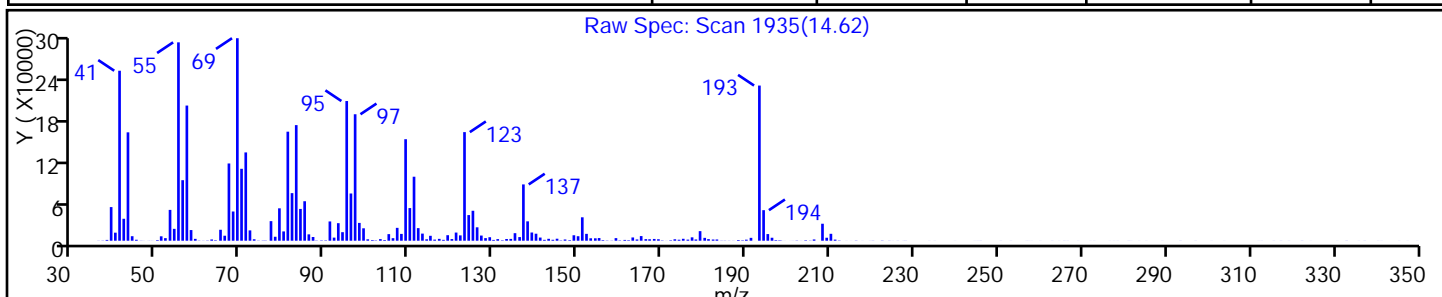
Method: 8260S_12

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
2-Pentanone, 4-cyclohexylidene-3,3-diethyl	313253-65-5	NIST02.L	70988	C15H26O	222	43



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: O84765.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:05
 Sample wt/vol: 6.337(g) Date Analyzed: 03/14/2014 01:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.8 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.93	0.15
74-83-9	Bromomethane	0.40	U	0.93	0.40
75-01-4	Vinyl chloride	0.31	U	0.93	0.31
75-00-3	Chloroethane	0.31	U	0.93	0.31
75-09-2	Methylene Chloride	0.82	J	0.93	0.14
67-64-1	Acetone	15	B	4.6	1.6
75-15-0	Carbon disulfide	1.2		0.93	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.93	0.15
75-35-4	1,1-Dichloroethene	0.18	U	0.93	0.18
75-34-3	1,1-Dichloroethane	0.10	U	0.93	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.93	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.93	0.10
67-66-3	Chloroform	9.4		0.93	0.22
78-93-3	2-Butanone	0.58	U	4.6	0.58
107-06-2	1,2-Dichloroethane	0.17	U	0.93	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.93	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.93	0.14
71-43-2	Benzene	0.14	U	0.93	0.14
75-25-2	Bromoform	0.16	U	0.93	0.16
100-42-5	Styrene	0.26	U	0.93	0.26
100-41-4	Ethylbenzene	3.6		0.93	0.16
108-90-7	Chlorobenzene	0.17	U	0.93	0.17
110-82-7	Cyclohexane	0.12	U	0.93	0.12
98-82-8	Isopropylbenzene	0.41	J	0.93	0.10
591-78-6	2-Hexanone	0.12	U	4.6	0.12
1634-04-4	MTBE	0.10	U	0.93	0.10
76-13-1	Freon TF	0.10	U	0.93	0.10
79-20-9	Methyl acetate	0.30	U	4.6	0.30
123-91-1	1,4-Dioxane	12	U	19	12
79-01-6	Trichloroethene	0.11	U	0.93	0.11
108-88-3	Toluene	0.14	J	0.93	0.13
10061-02-6	trans-1,3-Dichloropropene	0.093	U	0.93	0.093
108-10-1	4-Methyl-2-pentanone	0.19	U	4.6	0.19
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.93	0.13
95-50-1	1,2-Dichlorobenzene	0.10	J	0.93	0.093
541-73-1	1,3-Dichlorobenzene	0.15	U	0.93	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: O84765.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:05
 Sample wt/vol: 6.337(g) Date Analyzed: 03/14/2014 01:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.8 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.62	J	0.93	0.10
120-82-1	1,2,4-Trichlorobenzene	0.18	U	0.93	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.93	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.93	0.14
108-87-2	Methylcyclohexane	0.70	J	0.93	0.093
127-18-4	Tetrachloroethene	0.11	U	0.93	0.11
1330-20-7	Xylenes, Total	10		1.9	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.93	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.93	0.083
79-00-5	1,1,2-Trichloroethane	0.13	U	0.93	0.13
124-48-1	Dibromochloromethane	0.24	J	0.93	0.093
106-93-4	1,2-Dibromoethane	0.14	U	0.93	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.93	0.20
74-97-5	Bromochloromethane	0.10	U	0.93	0.10
75-27-4	Bromodichloromethane	0.94		0.93	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130
460-00-4	Bromofluorobenzene	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: O84765.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:05
 Sample wt/vol: 6.337(g) Date Analyzed: 03/14/2014 01:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.8 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 221

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	12.14	16	J N
2547-27-5	trans-4a-Methyl-decahydronaphthalene	12.38	15	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.85	26	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	13.91	25	J N
91-57-6	Naphthalene, 2-methyl-	14.31	43	J N
90-12-0	Naphthalene, 1-methyl-	14.44	26	J N
21564-91-0	Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	14.84	16	J N
581-40-8	Naphthalene, 2,3-dimethyl-	14.99	16	J N
575-43-9	Naphthalene, 1,6-dimethyl-	15.07	21	J N
575-41-7	Naphthalene, 1,3-dimethyl-	15.17	17	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D
 Lims ID: 460-72180-A-12-A Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 01:05:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-12-A
 Misc. Info.: 460-0010824-016
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 10:13:40 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 10:13:40

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.592	-0.008	84	35090	16.2	
21 Carbon disulfide	76	1.663	1.656	0.007	97	23982	1.35	
25 Methylene Chloride	84	1.821	1.821	0.0	53	5414	0.8901	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	544164	1000.0	
47 Chloroform	83	2.895	2.895	0.0	92	100608	10.2	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	93	179334	45.6	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	86	189488	46.3	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	972838	50.0	
63 Methylcyclohexane	83	4.099	4.099	0.0	81	9199	0.7532	
* 150 1,4-Dioxane-d8	96	4.285	4.278	0.007	88	49973	1000.0	
70 Dichlorobromomethane	83	4.457	4.457	0.0	90	7587	1.02	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	98	821762	46.3	
77 Toluene	91	5.331	5.331	0.0	82	3885	0.1477	
84 Chlorodibromomethane	129	6.348	6.355	-0.007	41	1328	0.2557	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	676841	50.0	
89 Ethylbenzene	106	7.358	7.358	0.0	98	36405	3.93	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	96	120074	10.9	
98 Isopropylbenzene	105	8.719	8.712	0.007	94	12497	0.4479	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	83	227048	47.6	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	320077	50.0	
117 1,4-Dichlorobenzene	146	10.810	10.810	0.0	51	7963	0.6730	
121 1,2-Dichlorobenzene	146	11.376	11.376	0.0	28	1202	0.1096	
S 131 Xylenes, Total	100				0		10.9	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D
 Lims ID: 460-72180-A-12-A Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 01:05:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-12-A
 Misc. Info.: 460-0010824-016
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 10:13:40 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 10:13:40

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.143	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)- 782280	17.8	116	46	21844	C11H16	148	
12.379	2547-27-5 trans-4a-Methyl-decahydronaphthalene 714465	16.3	116	60	24332	C11H20	152	
12.845	95-93-2 Benzene, 1,2,4,5-tetramethyl- 1249568	28.4	116	76	14361	C10H14	134	
13.912	2809-64-5 Naphthalene, 1,2,3,4-tetrahydro-5-methyl 1167801	26.6	116	81	20769	C11H14	146	
14.306	91-57-6 Naphthalene, 2-methyl- 2044599	46.5	116	96	18501	C11H10	142	
14.442	90-12-0 Naphthalene, 1-methyl- 1233207	28.1	116	96	18499	C11H10	142	I
14.836	21564-91-0 Naphthalene, 1,2,3,4-tetrahydro-1,5-dime 770341	17.5	116	91	29456	C12H16	160	
14.994	581-40-8 Naphthalene, 2,3-dimethyl- 740655	16.9	116	46	27164	C12H12	156	
15.065	575-43-9 Naphthalene, 1,6-dimethyl- 976605	22.2	116	98	27195	C12H12	156	
15.166	575-41-7 Naphthalene, 1,3-dimethyl- 824010	18.8	116	95	27174	C12H12	156	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	2197276	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Worklist Smp#: 16

Client ID: PMP-18SW-SI

Purge Vol: 5.000 mL

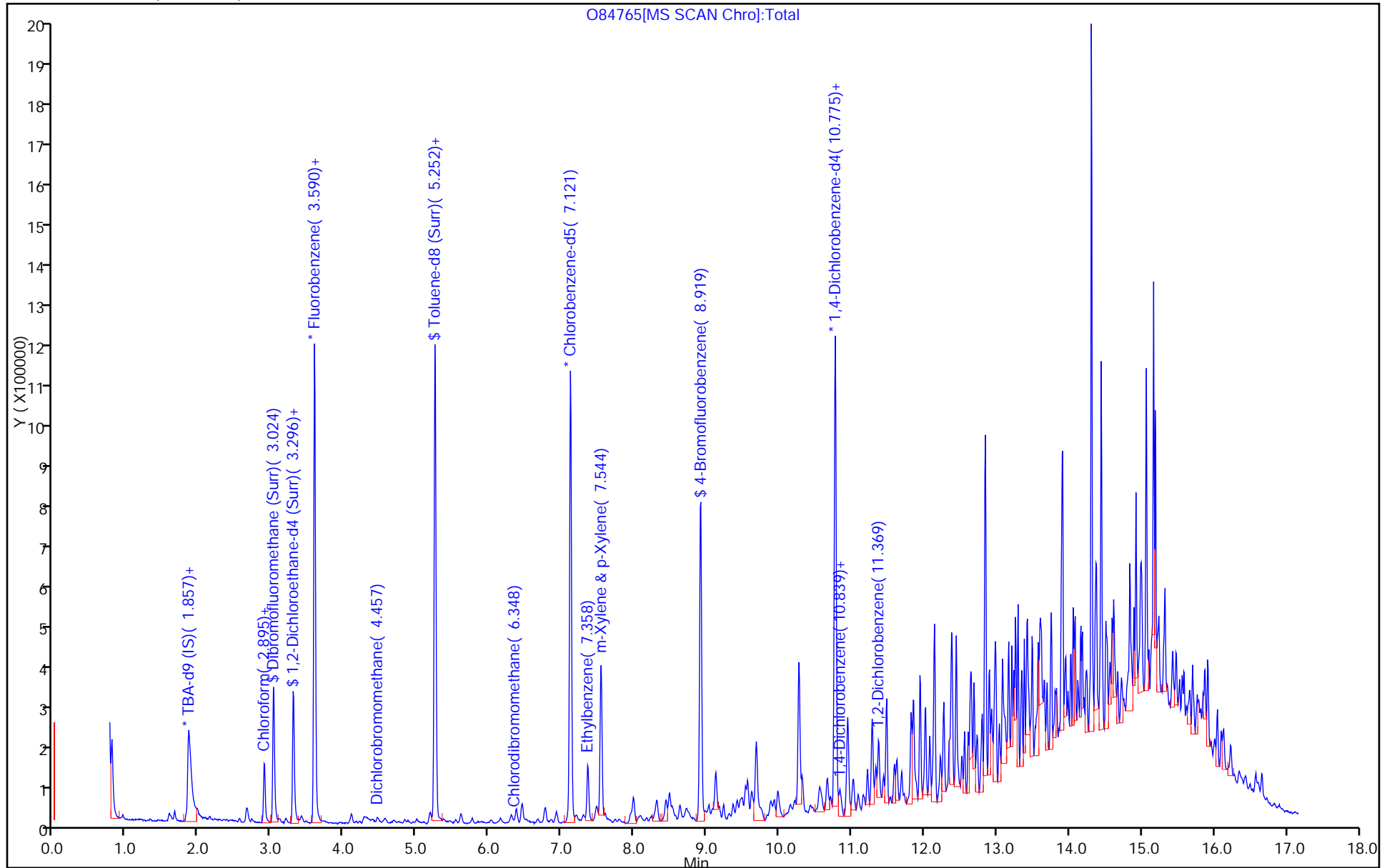
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

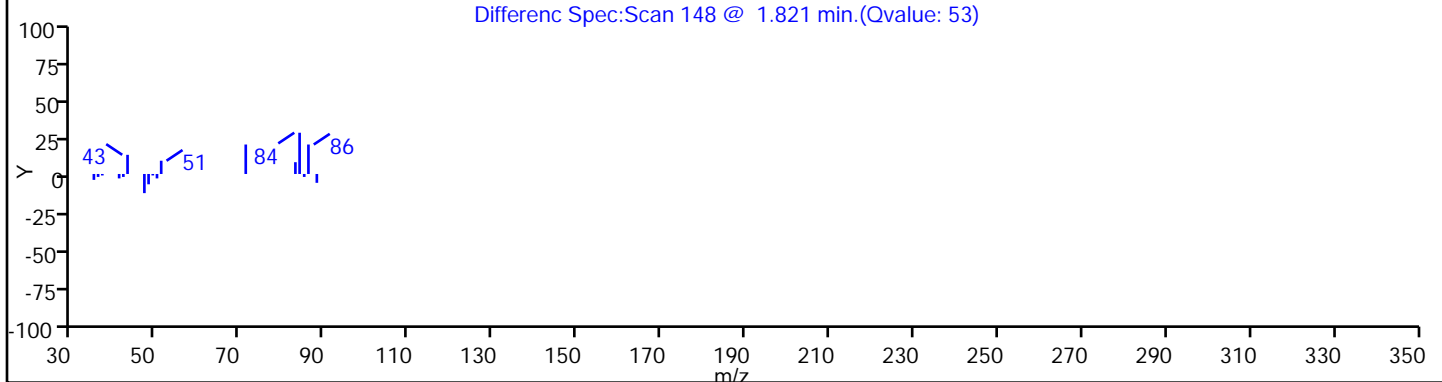
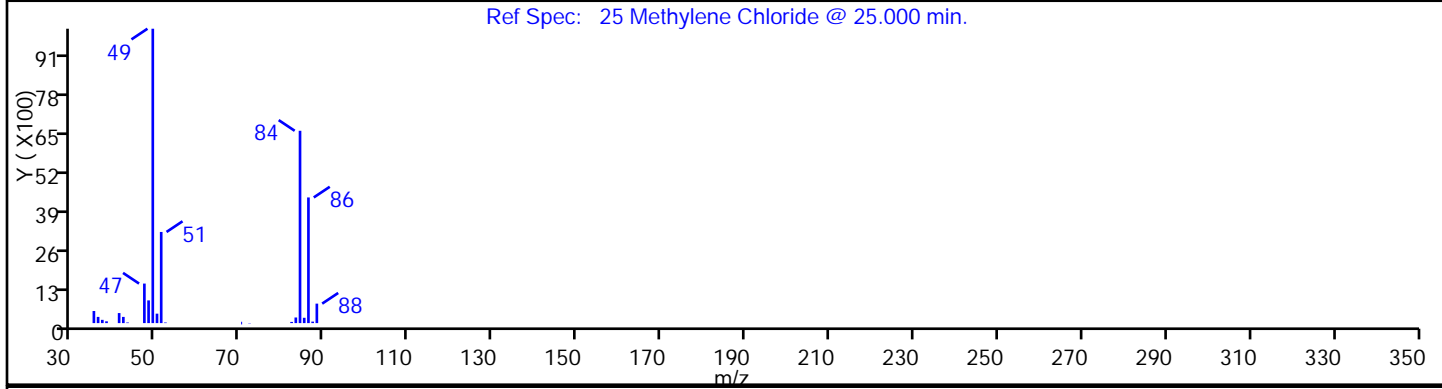
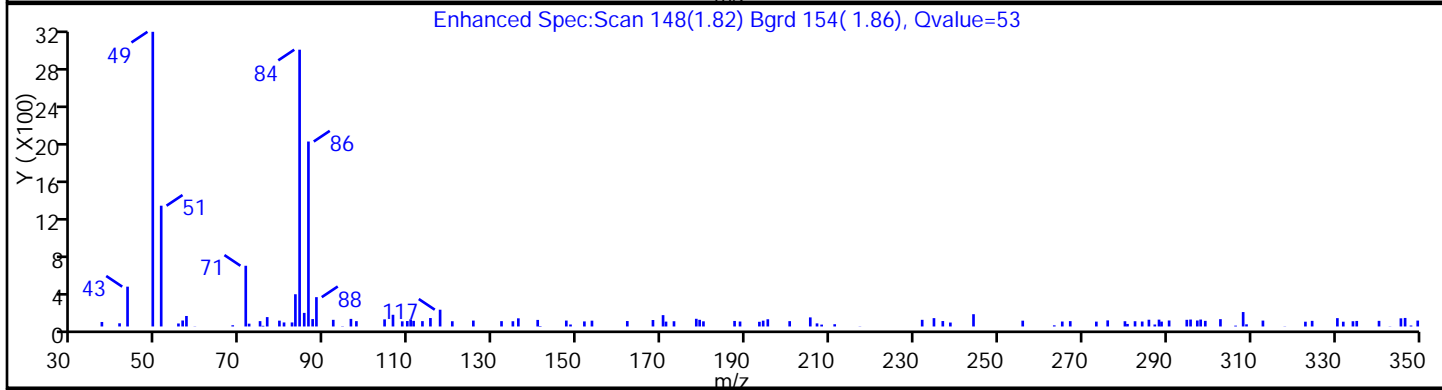
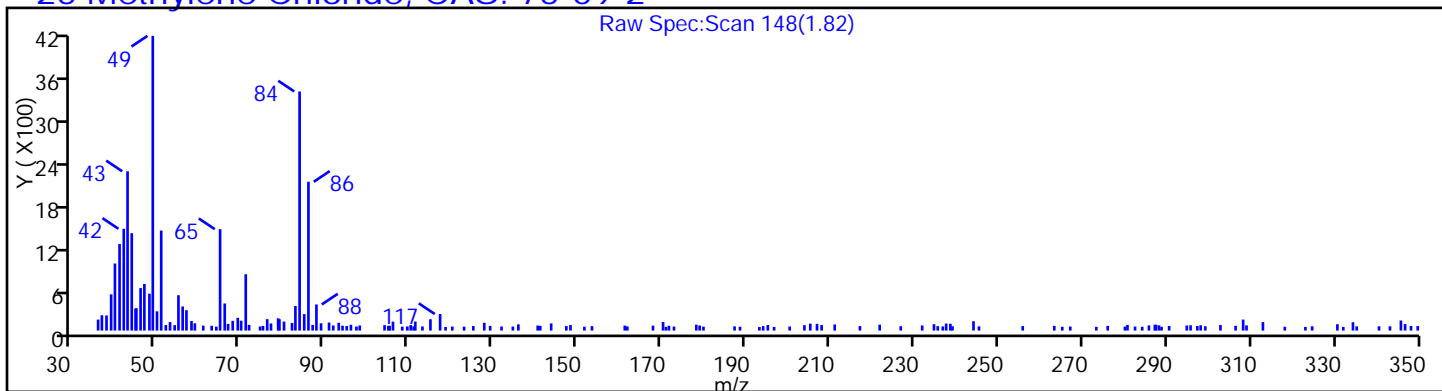
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

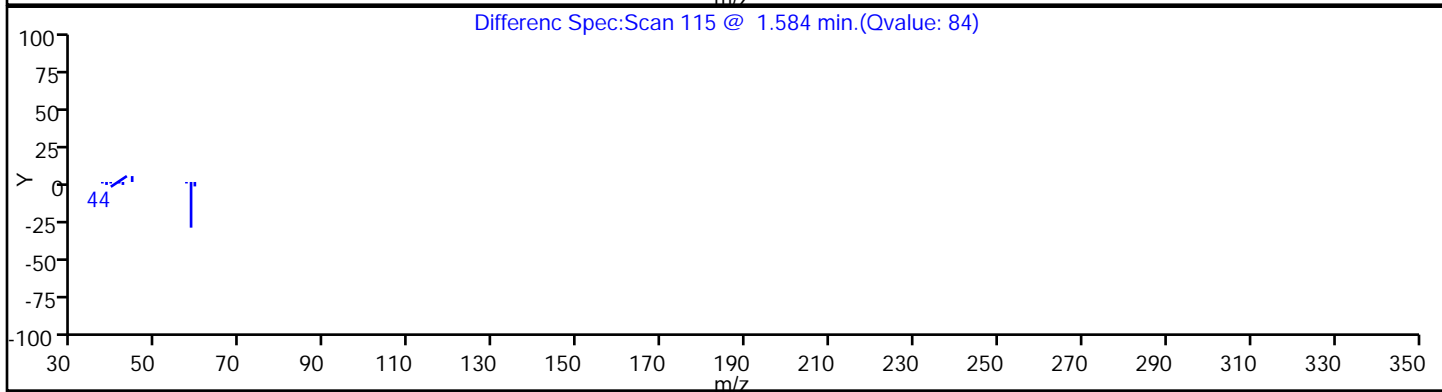
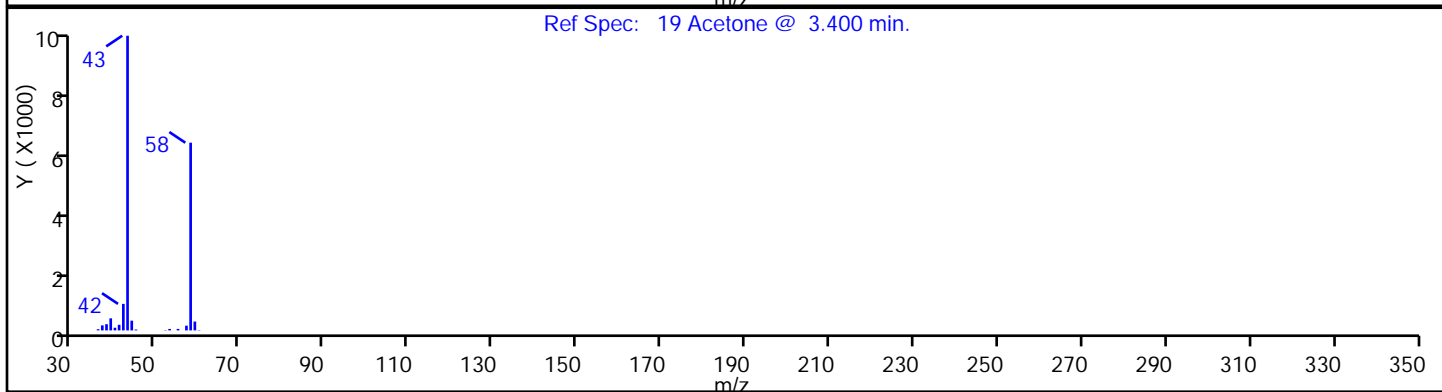
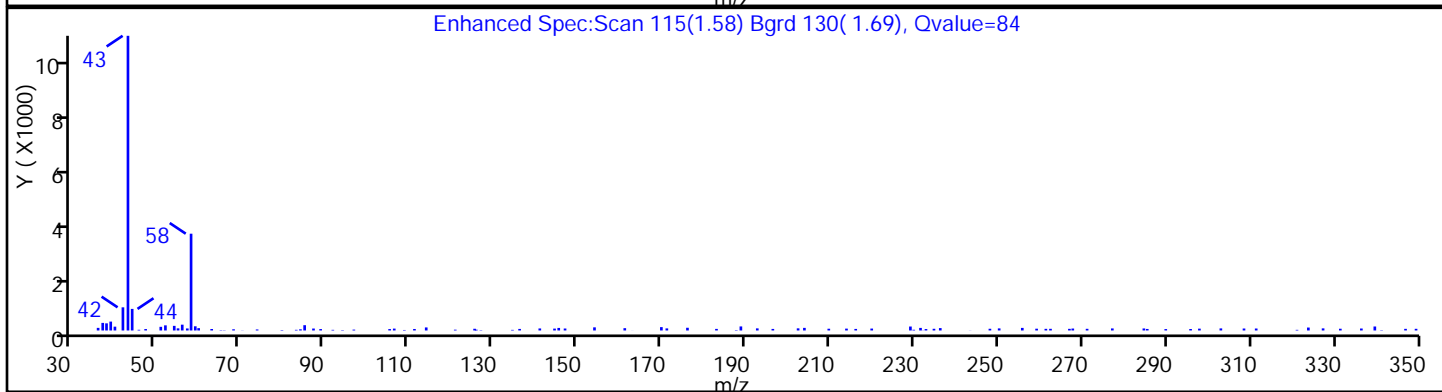
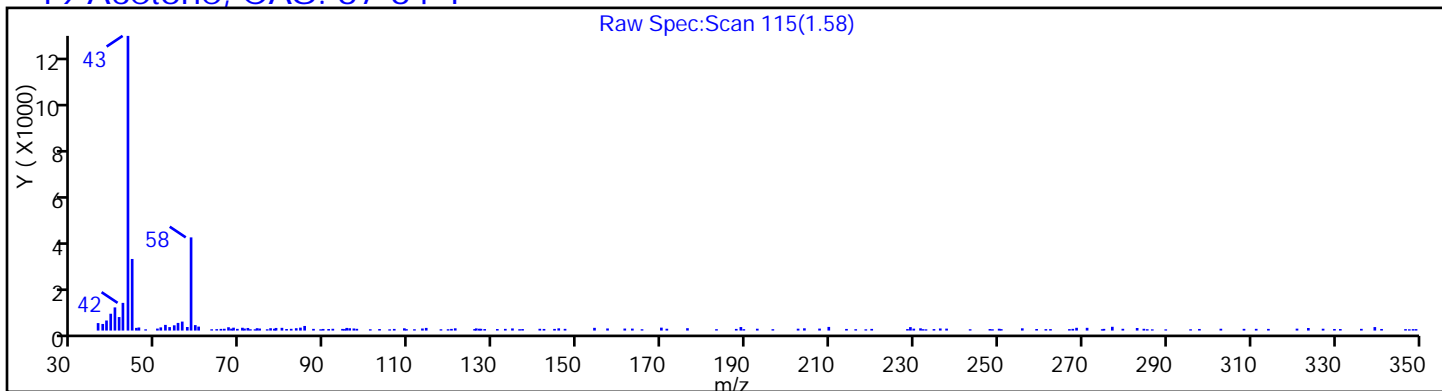
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

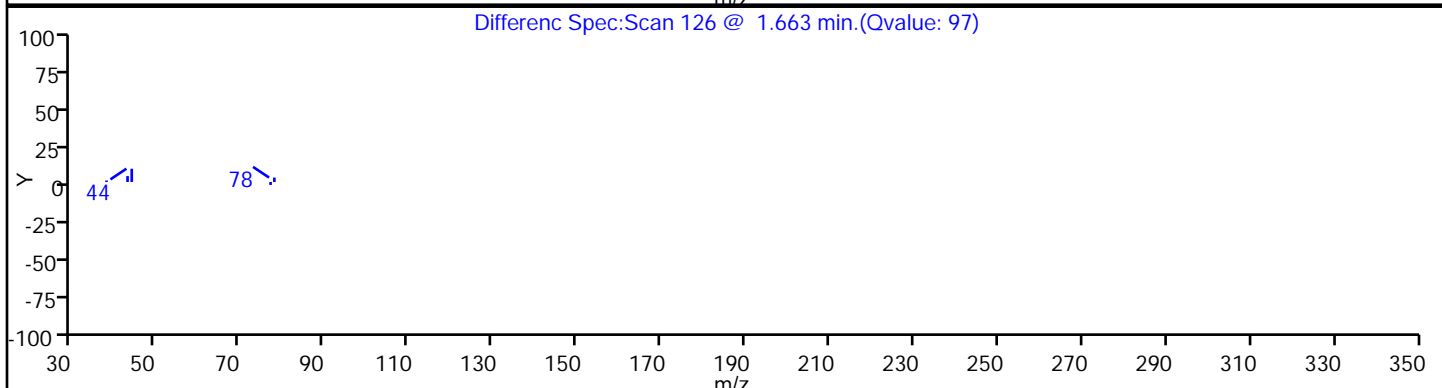
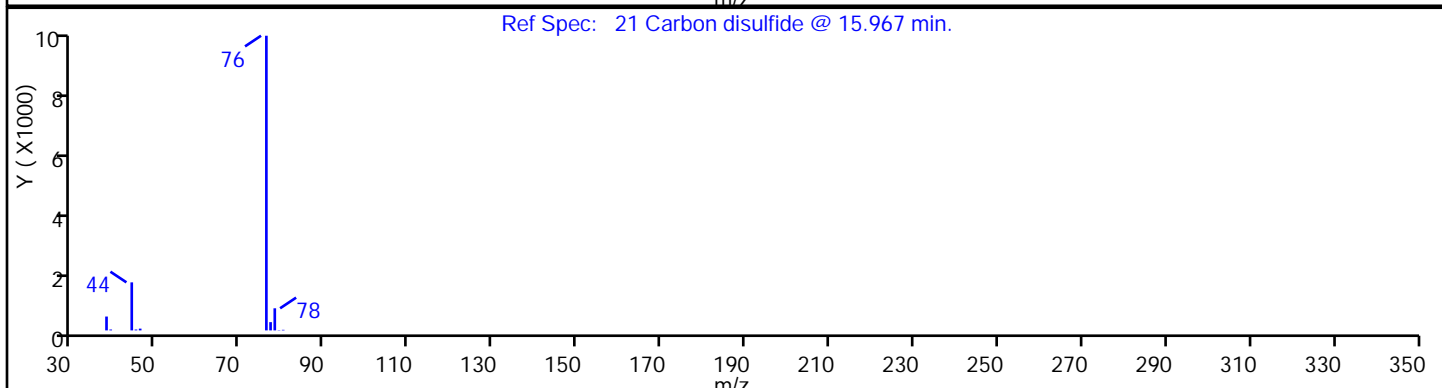
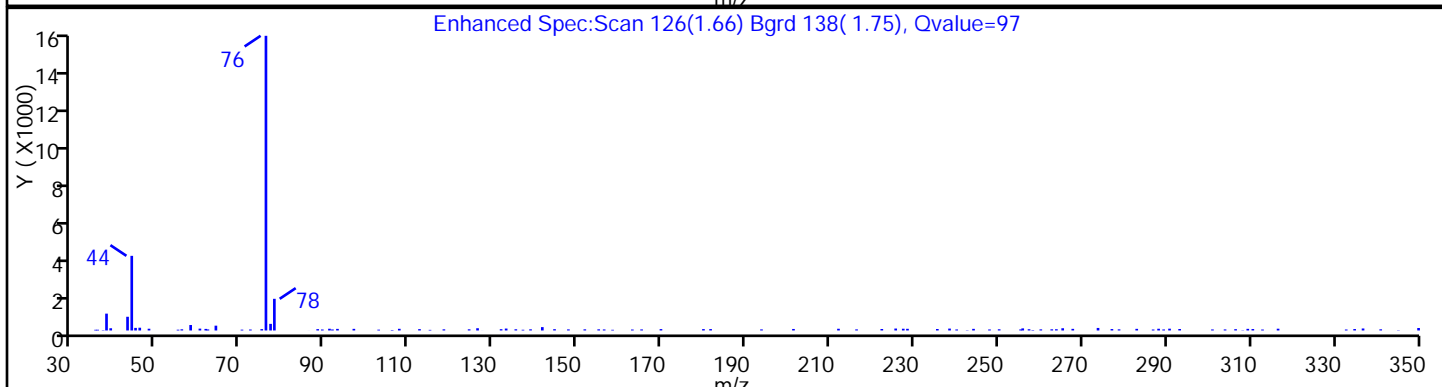
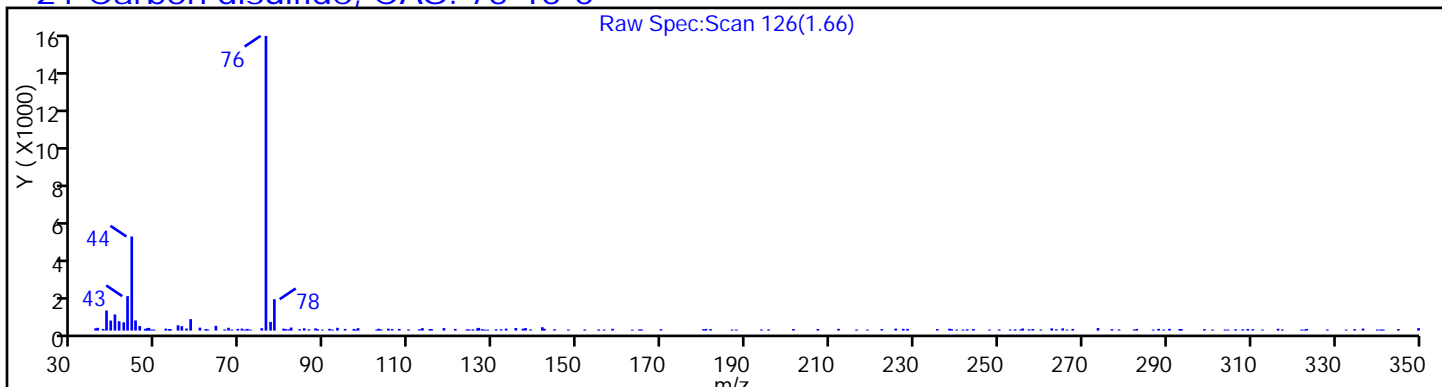
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

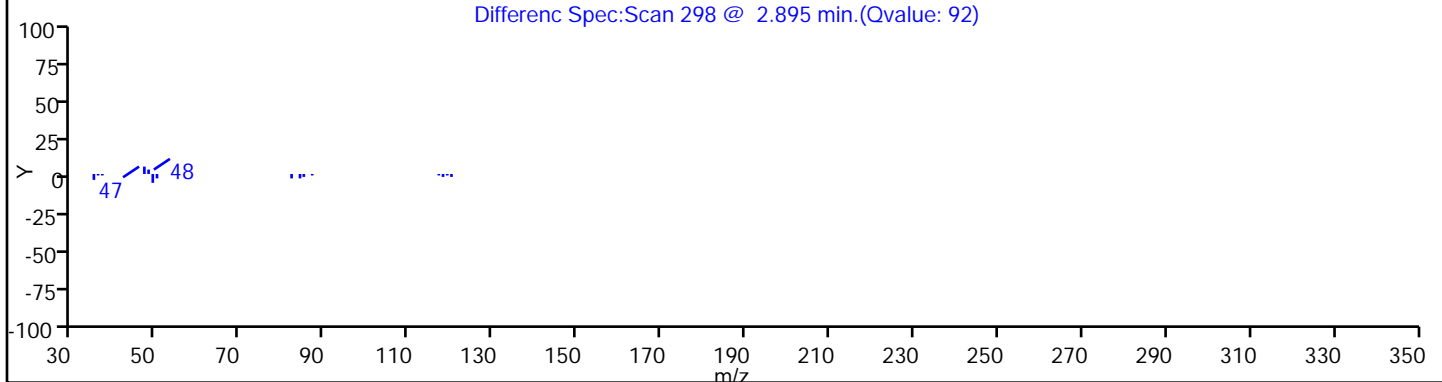
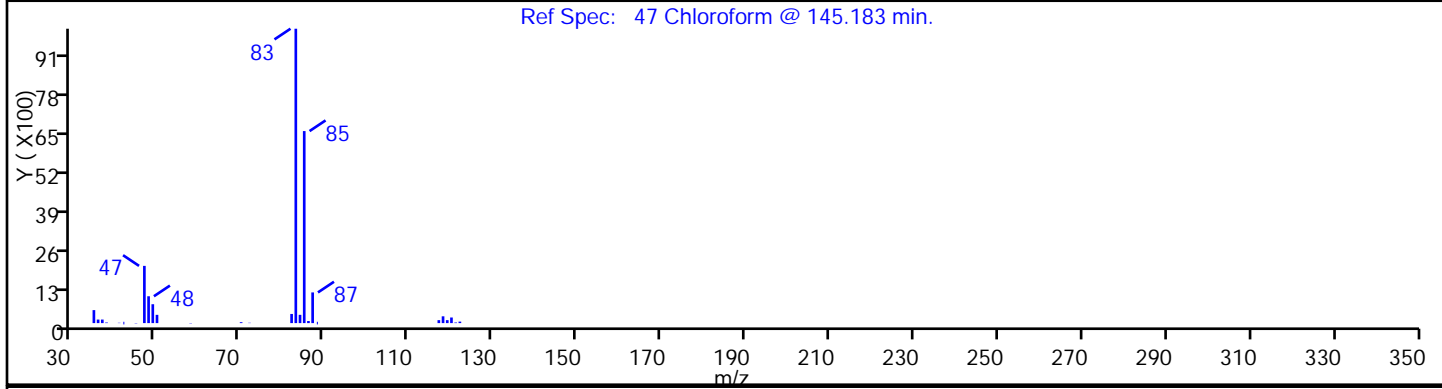
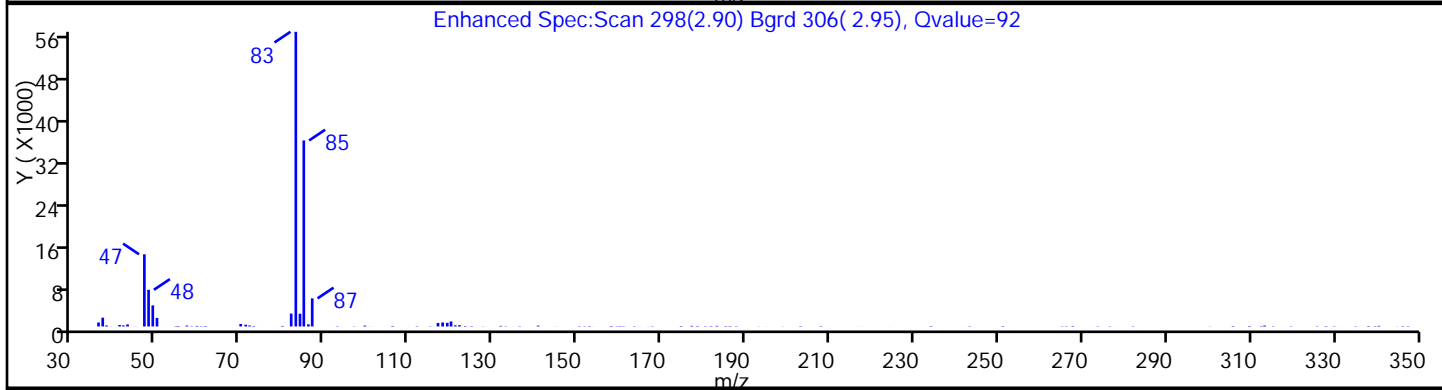
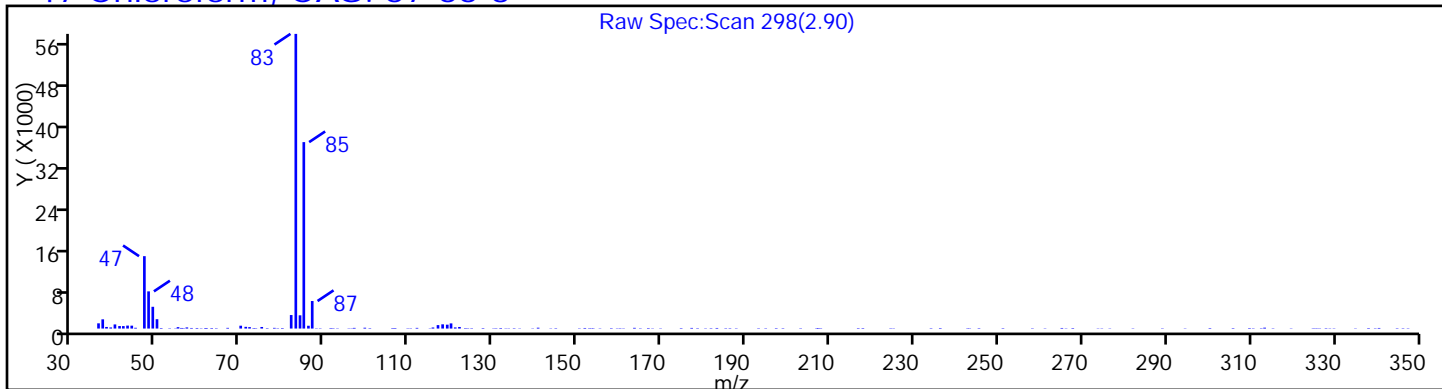
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

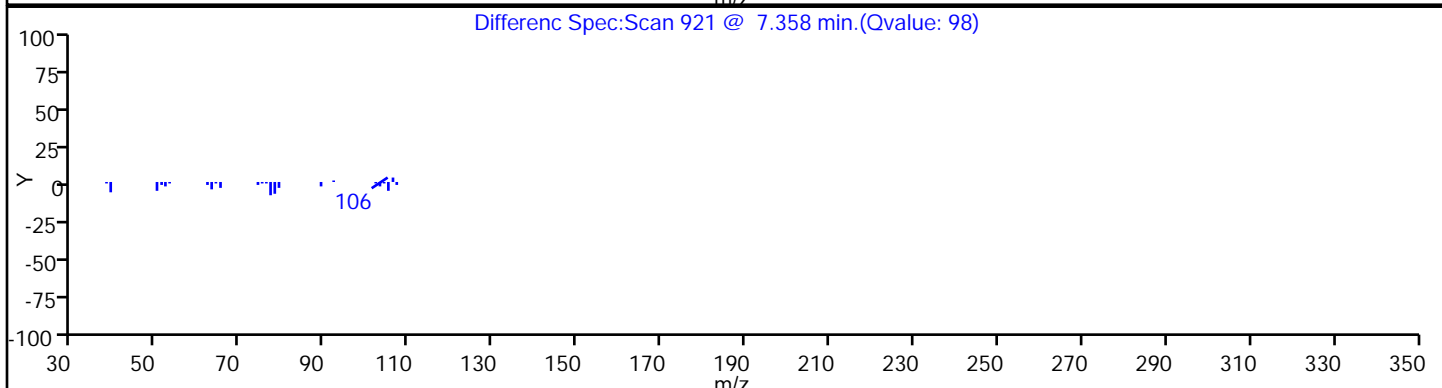
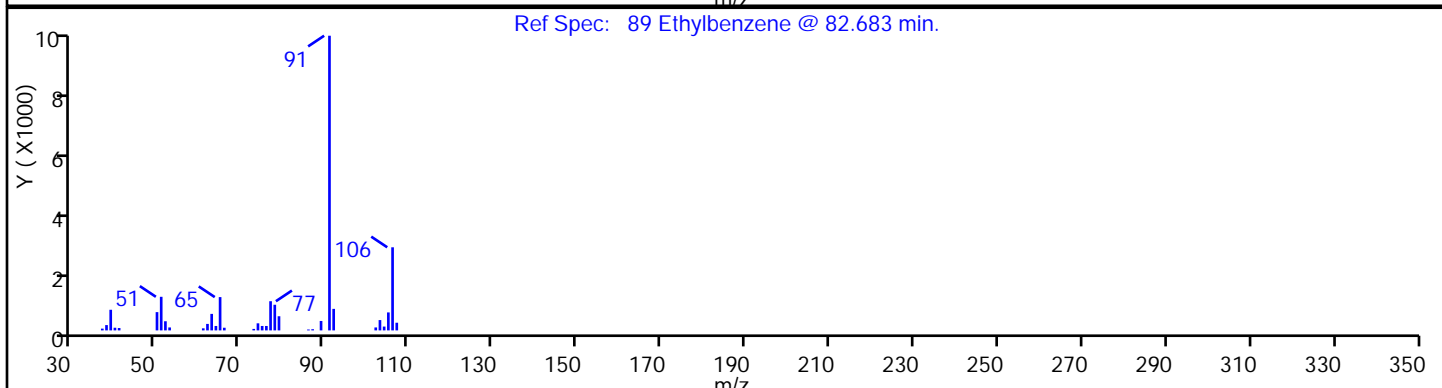
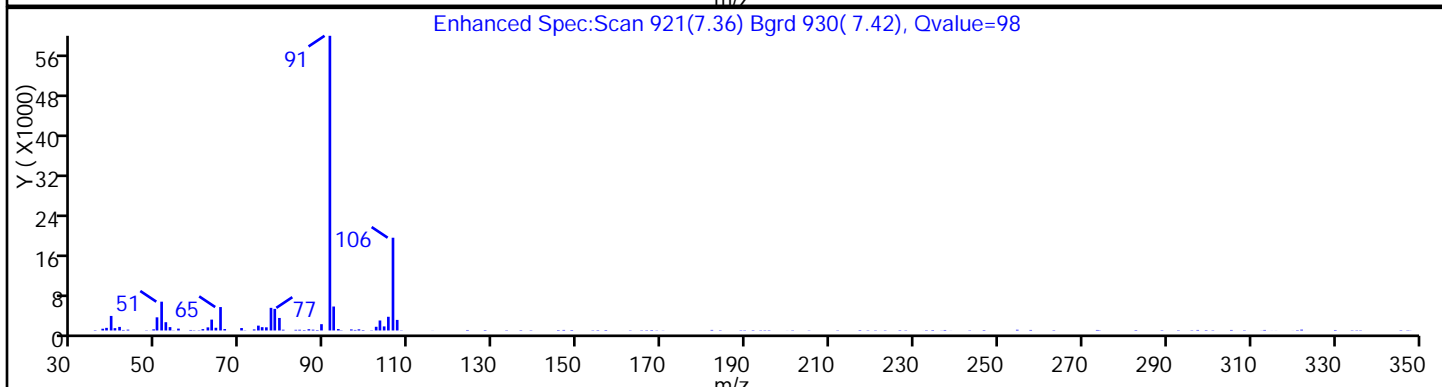
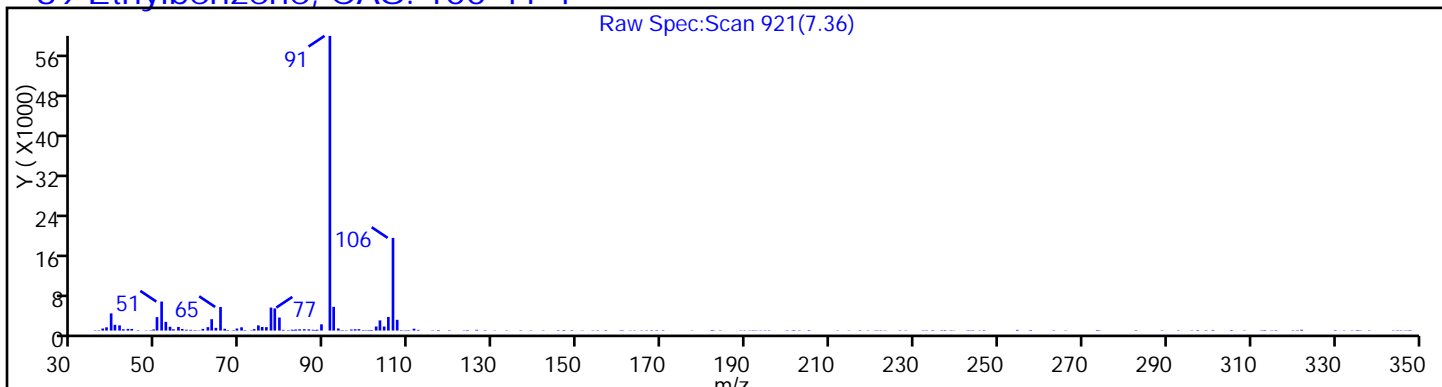
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

89 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

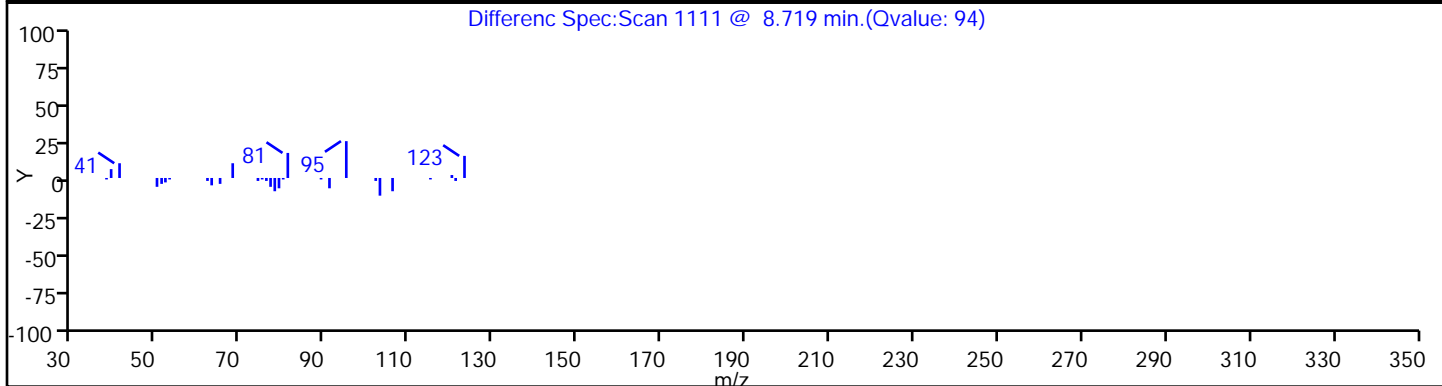
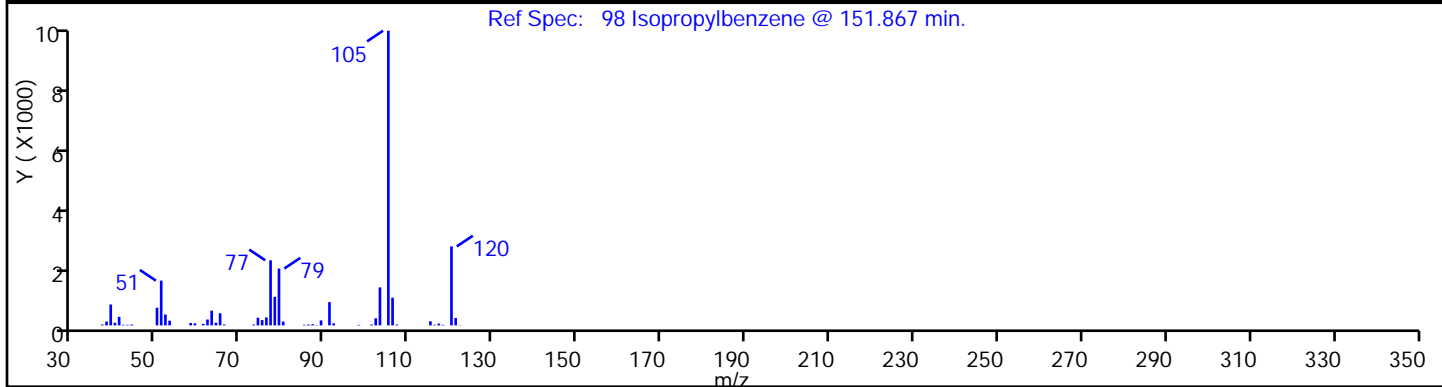
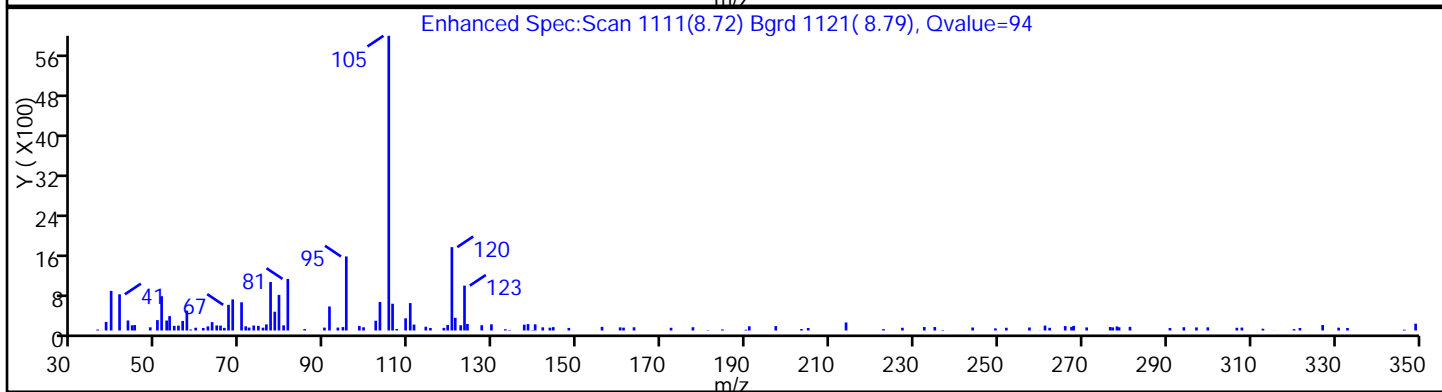
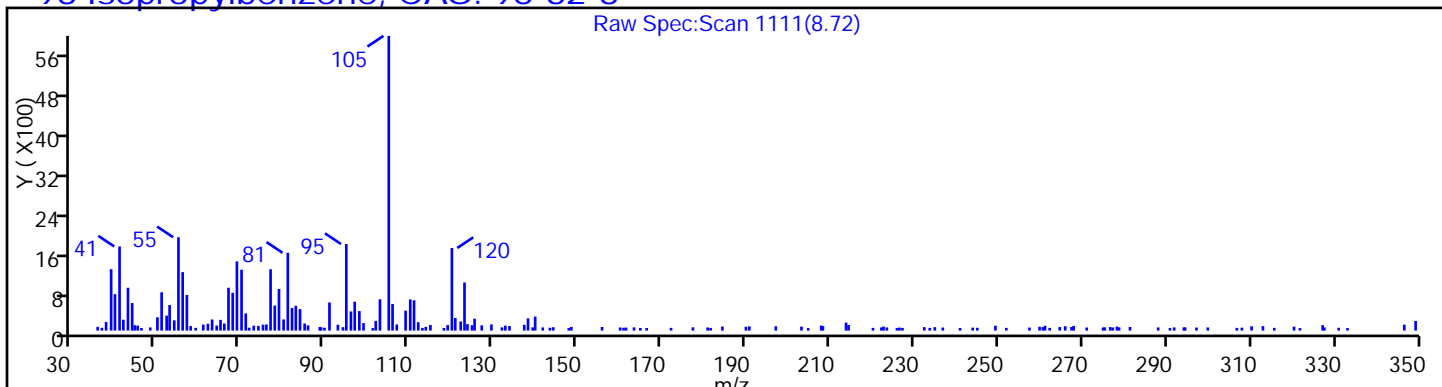
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

98 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

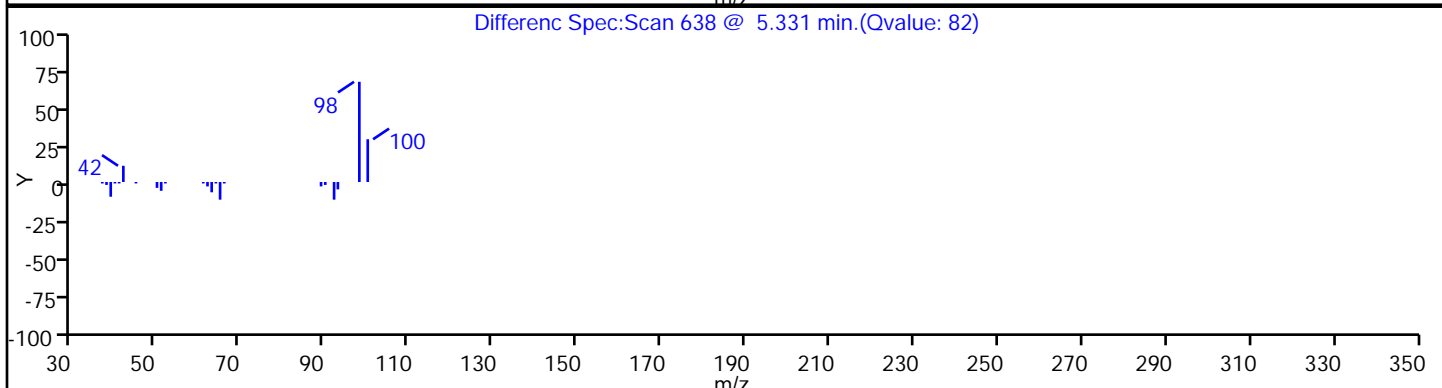
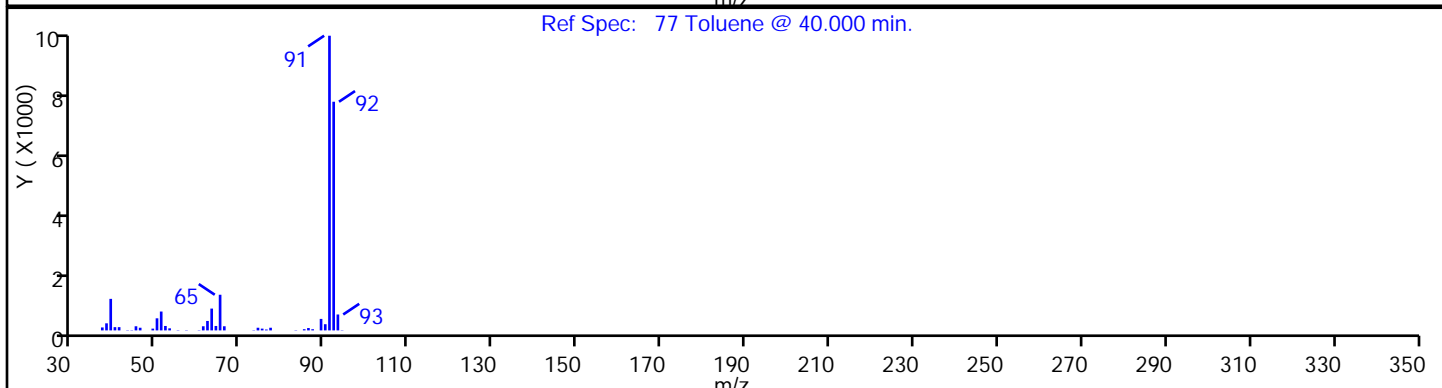
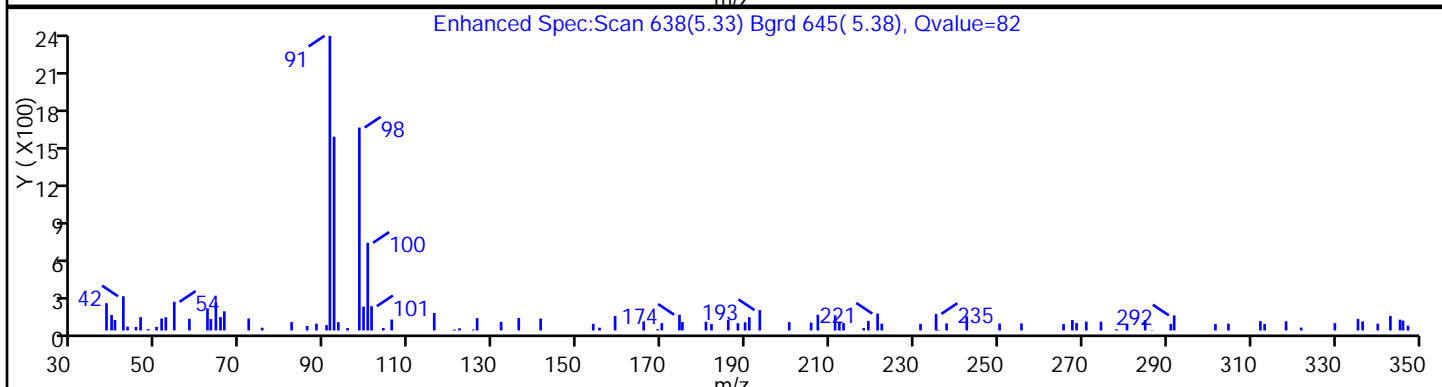
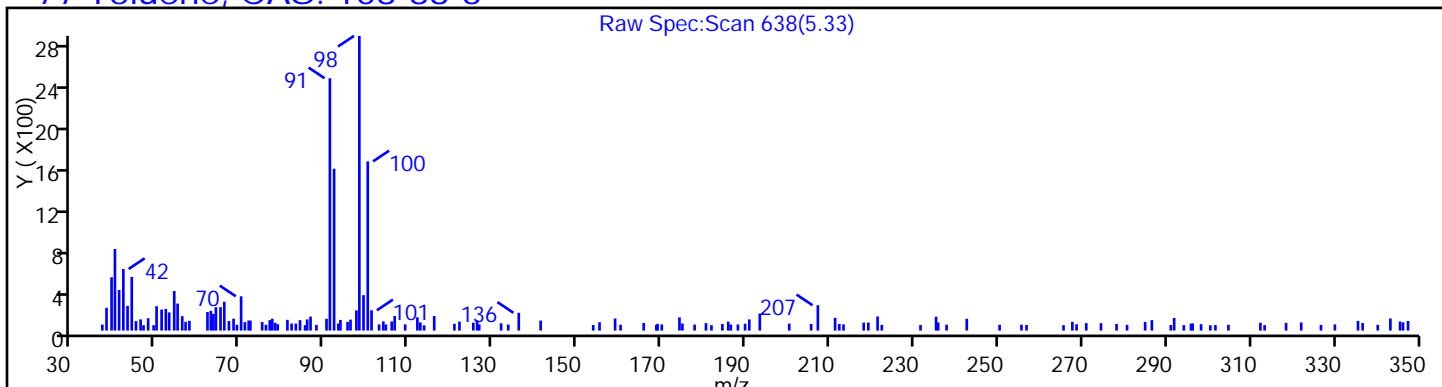
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

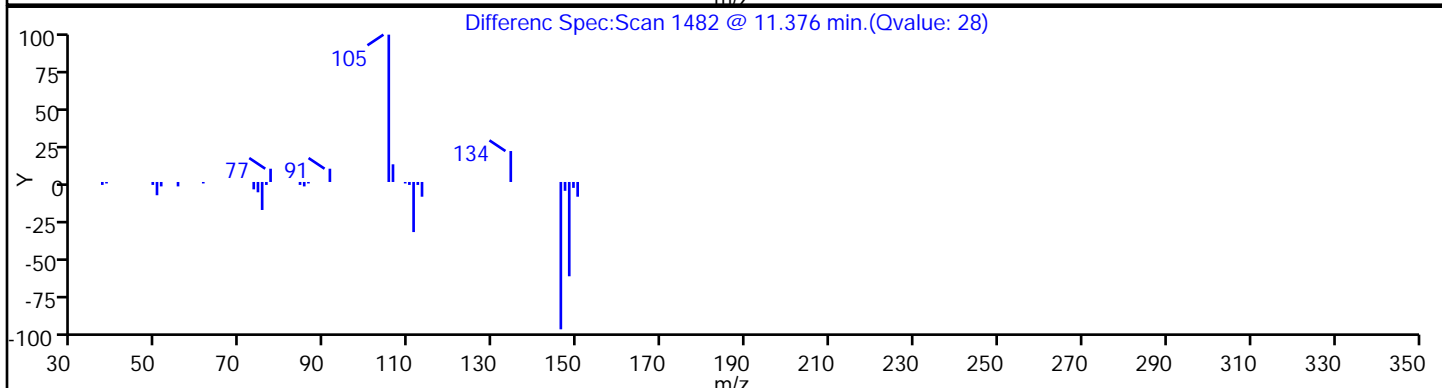
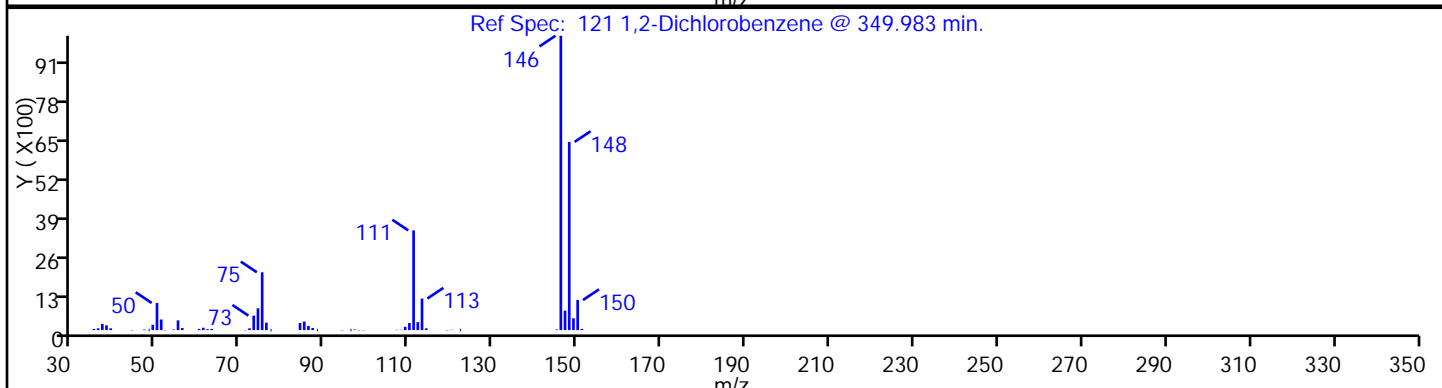
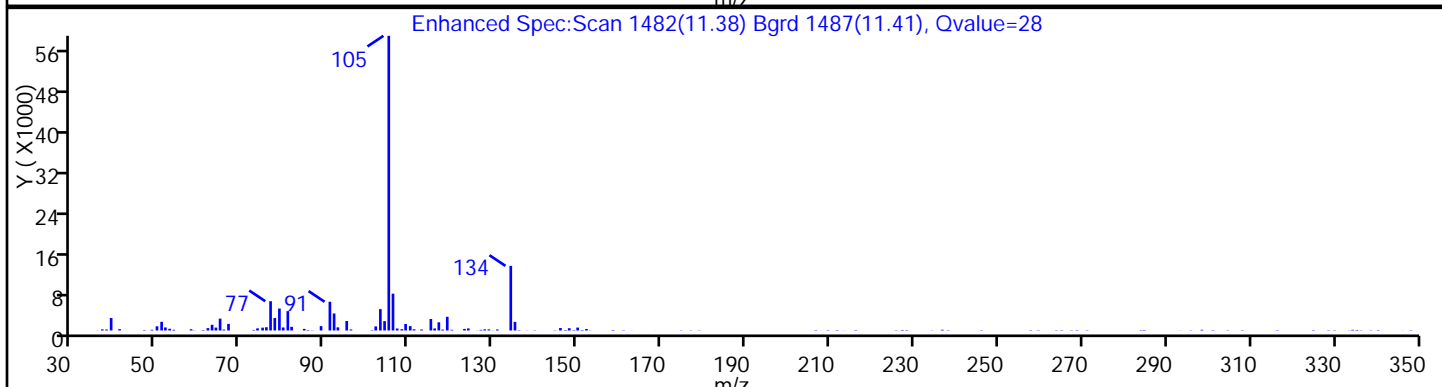
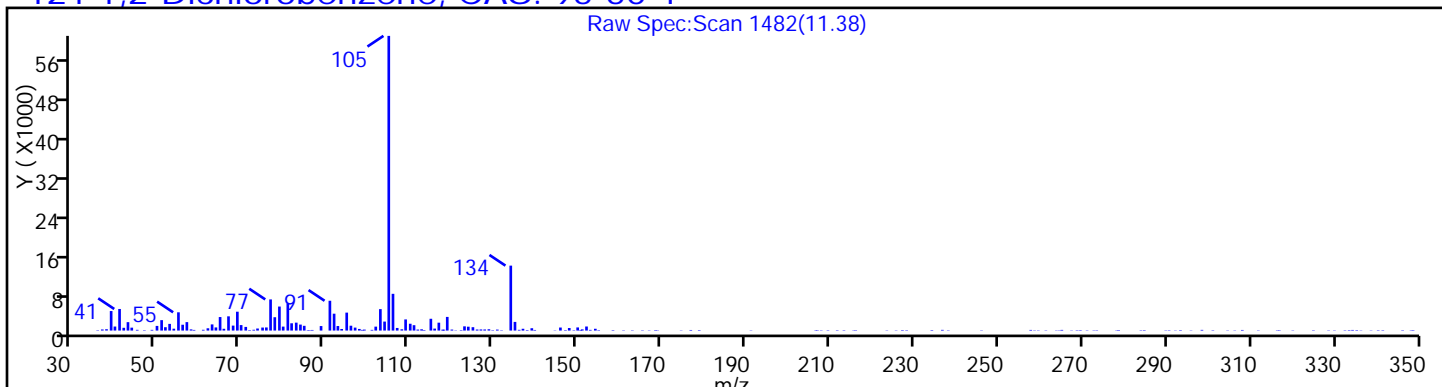
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

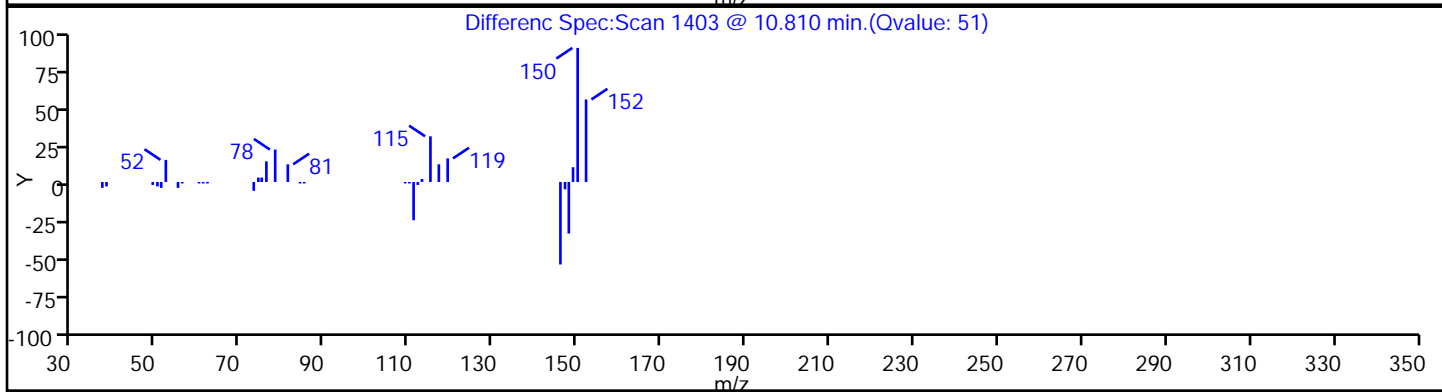
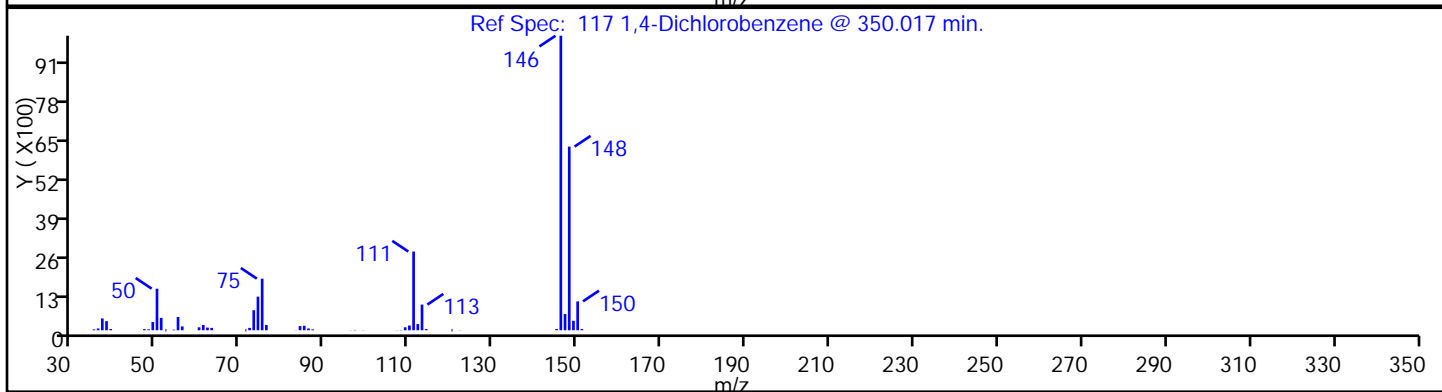
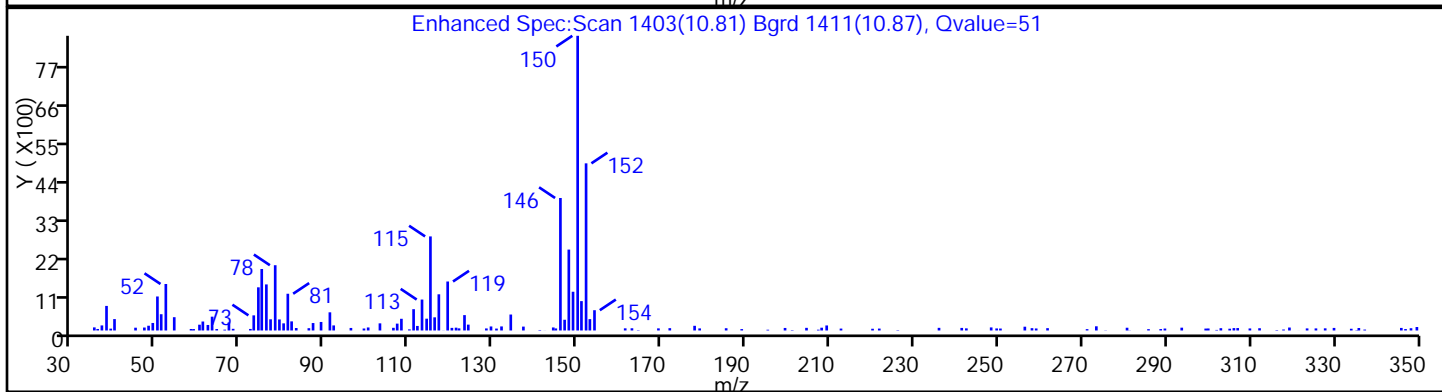
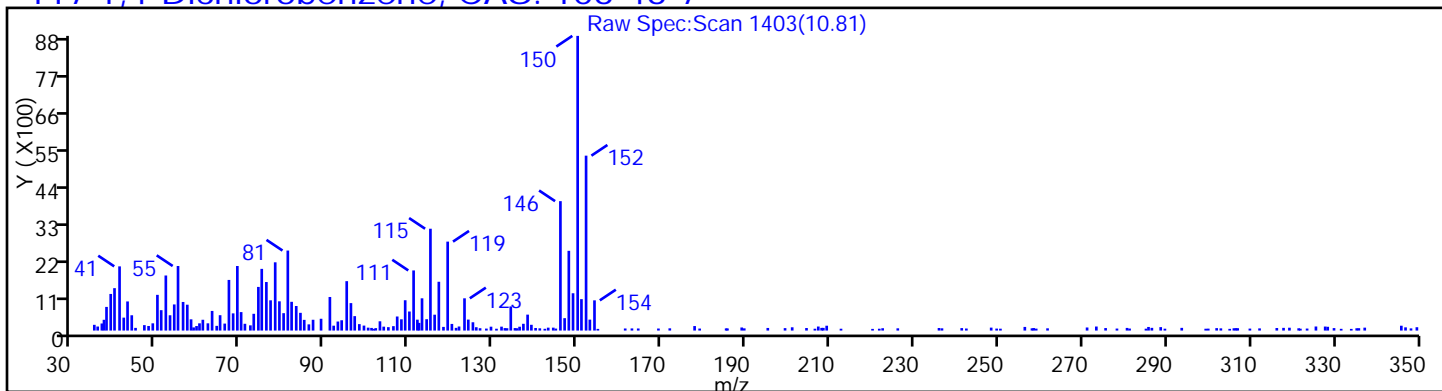
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

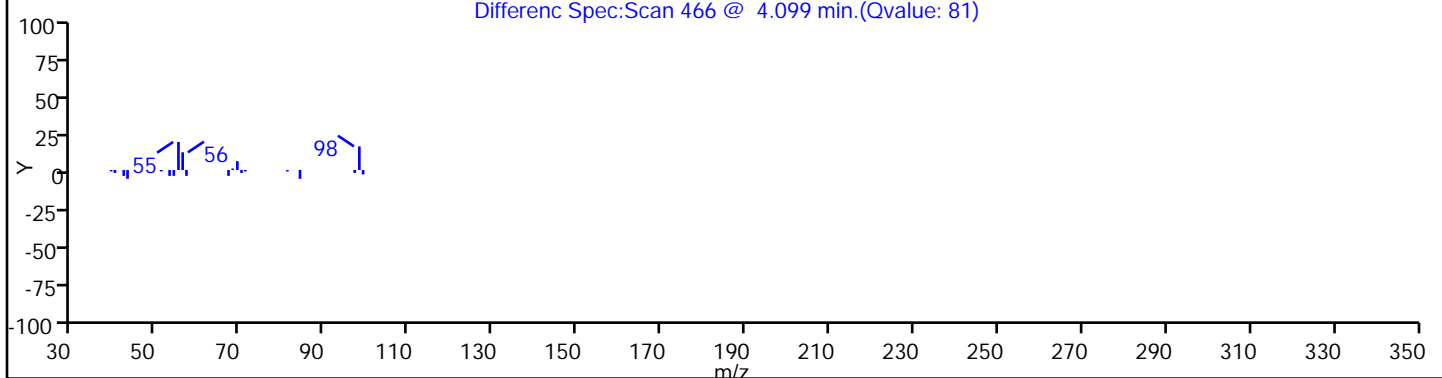
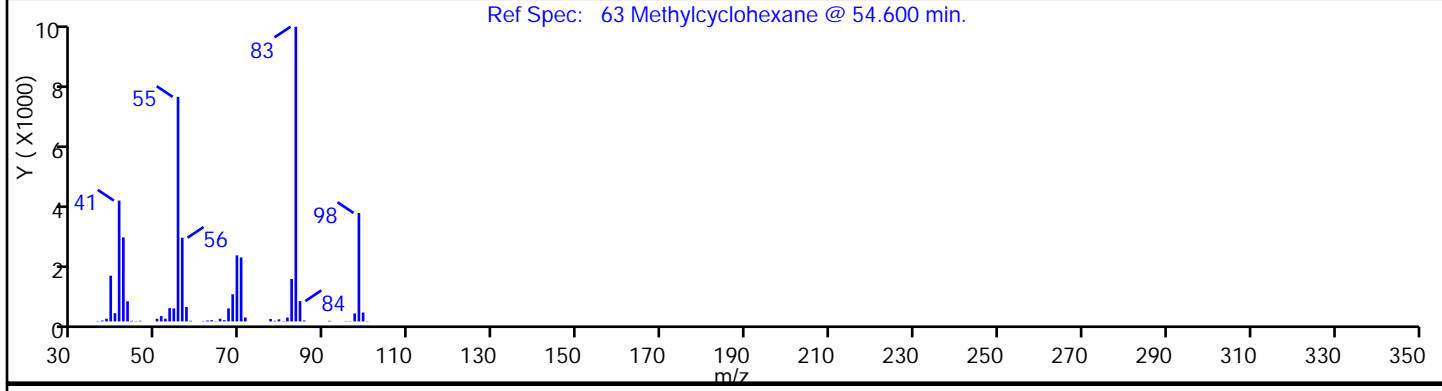
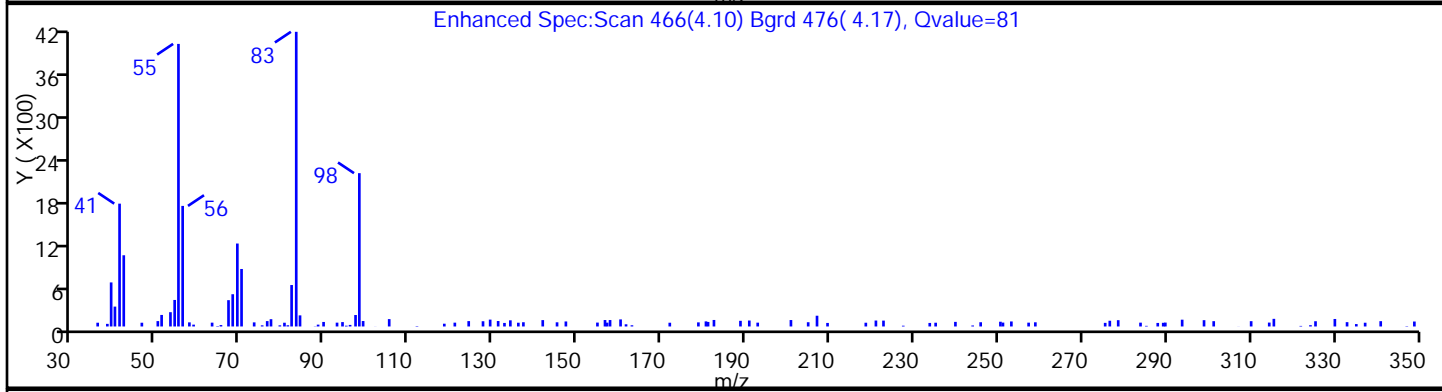
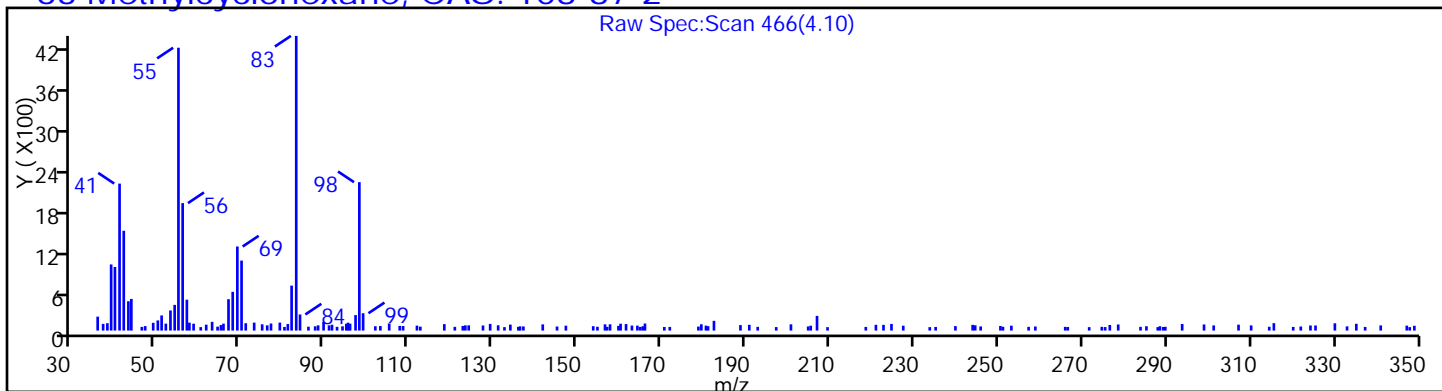
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

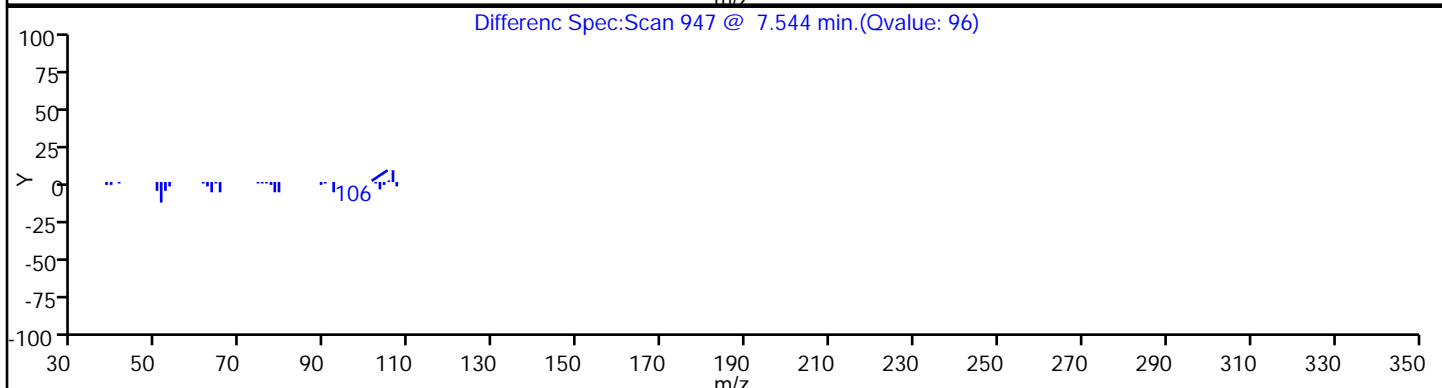
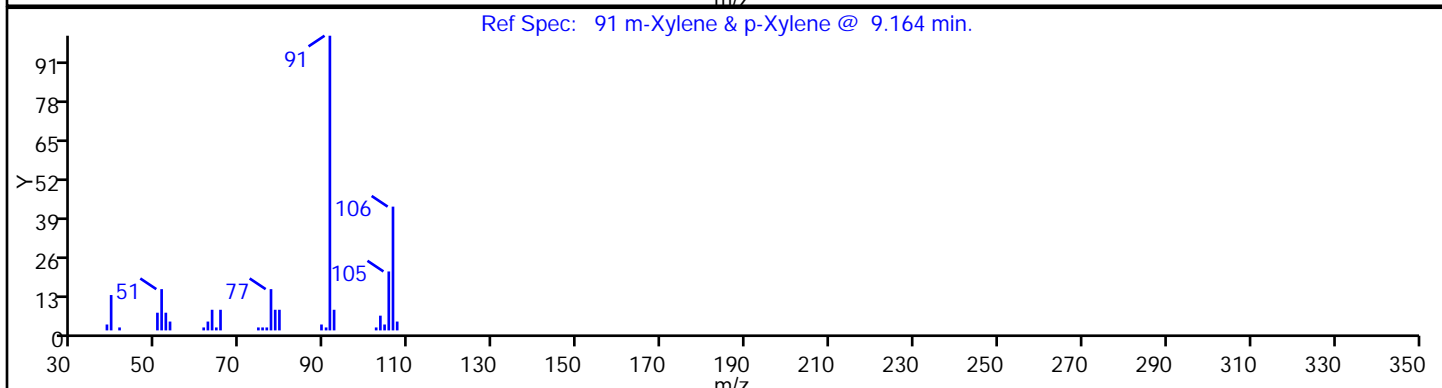
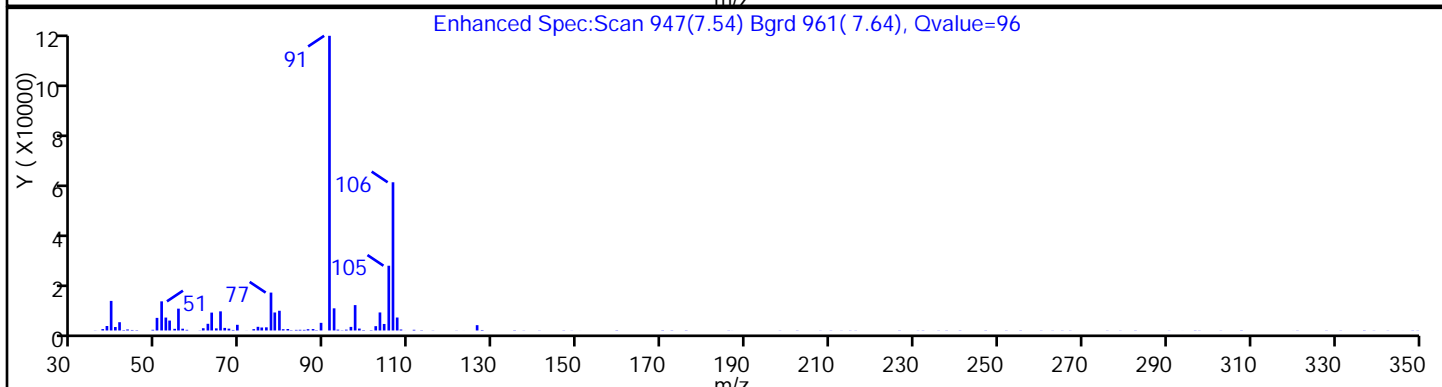
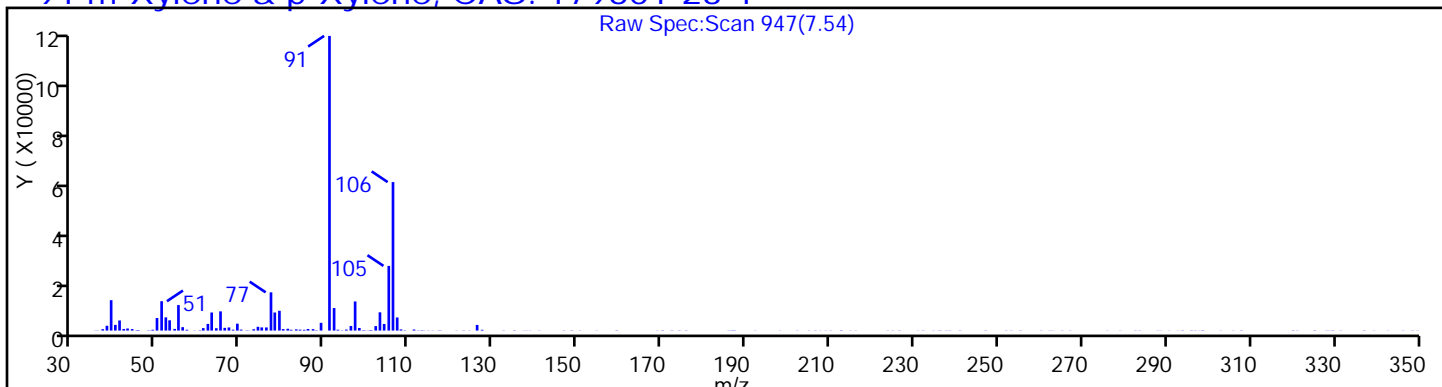
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

91 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

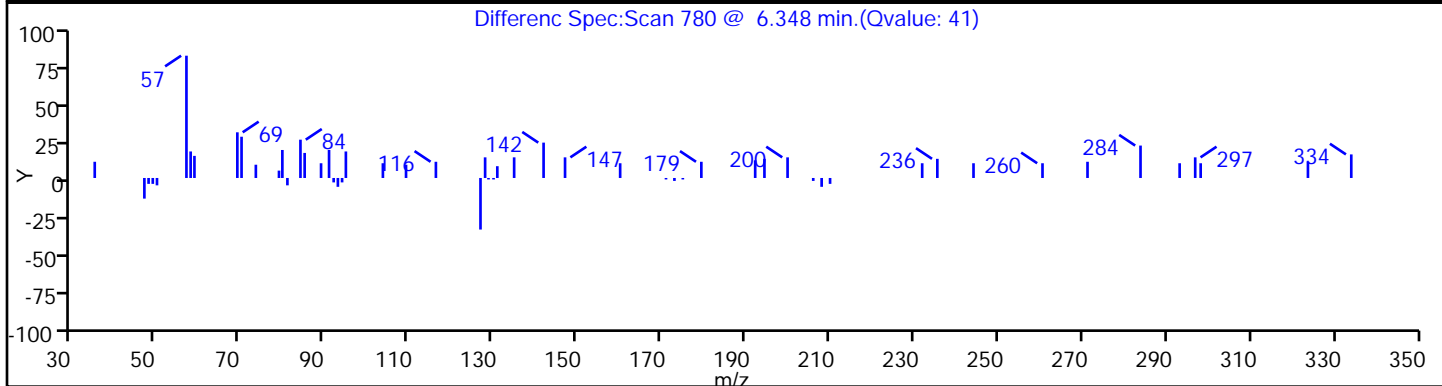
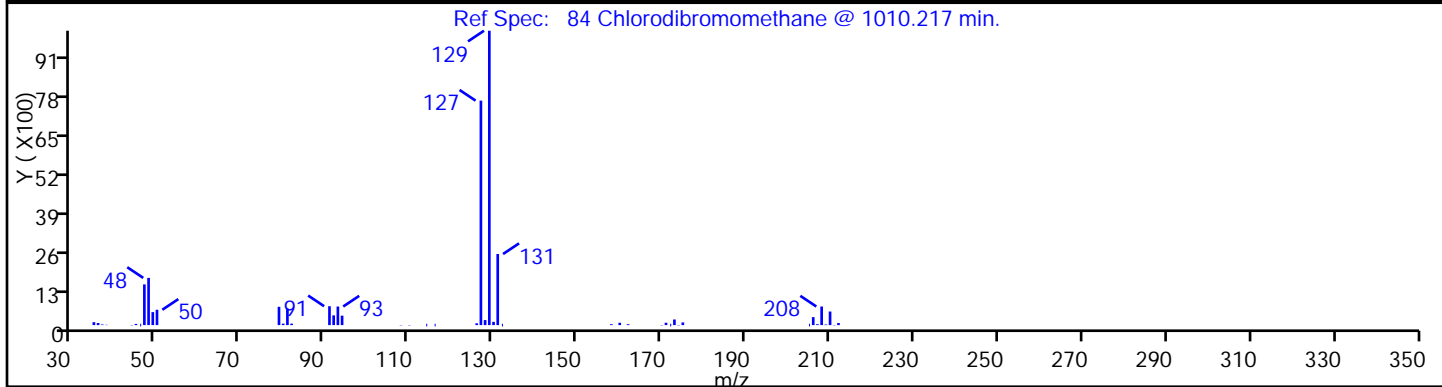
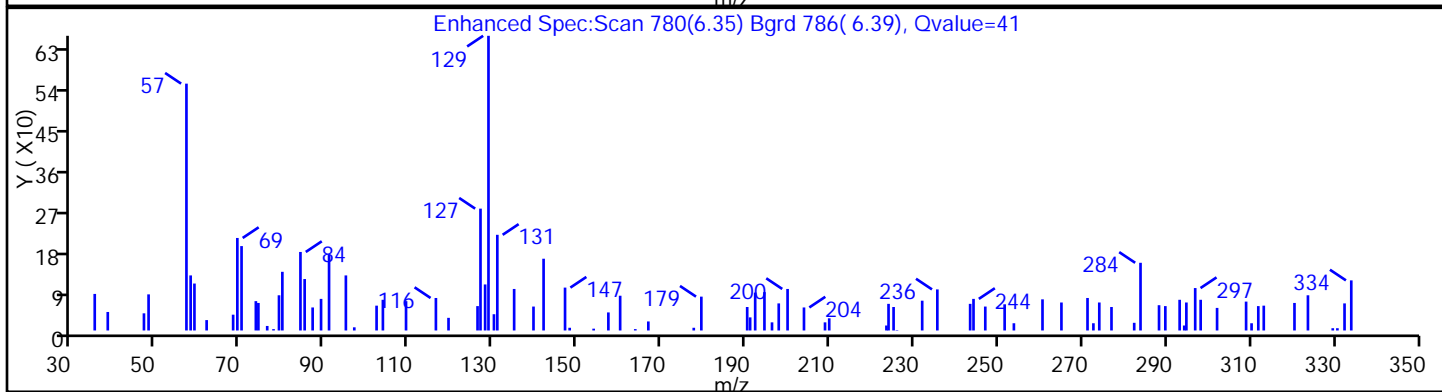
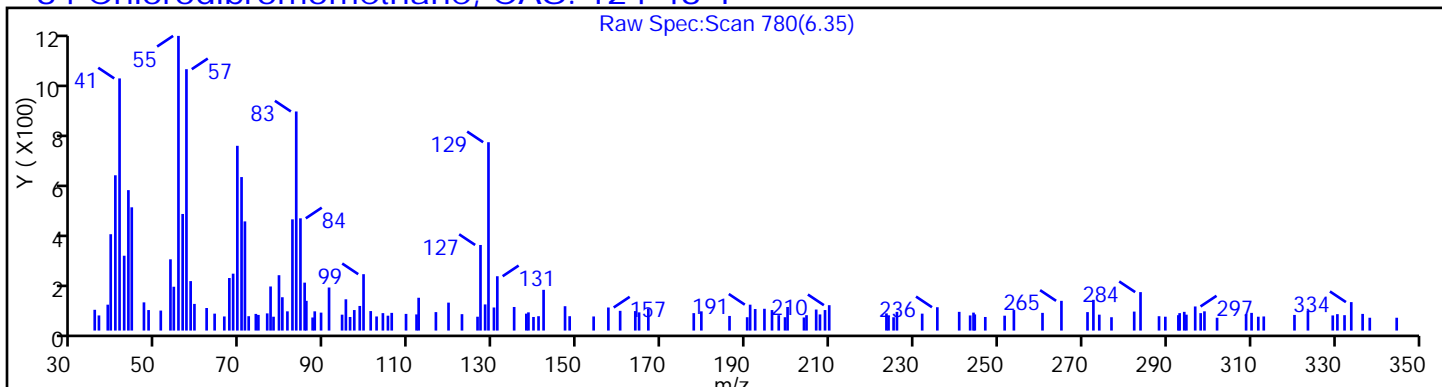
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

84 Chlorodibromomethane, CAS: 124-48-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

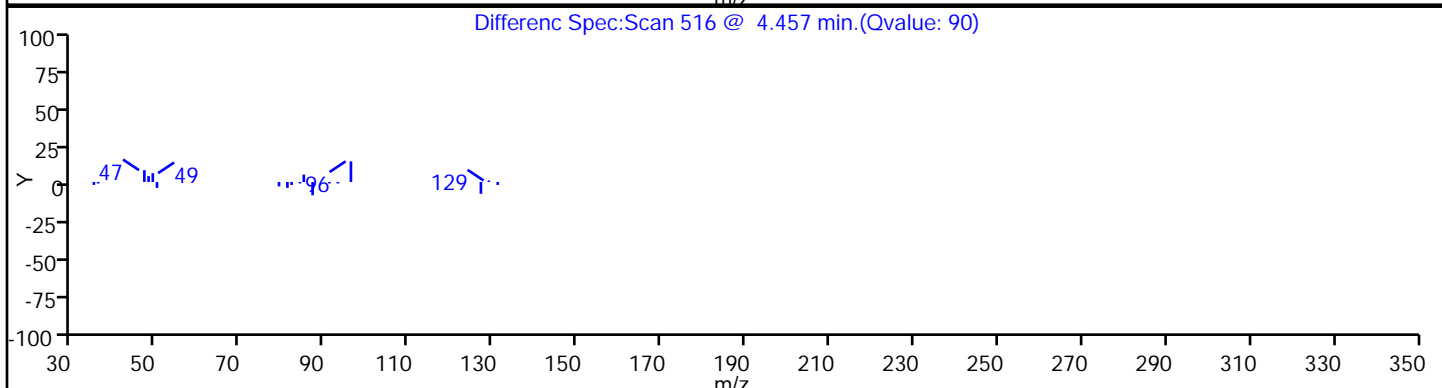
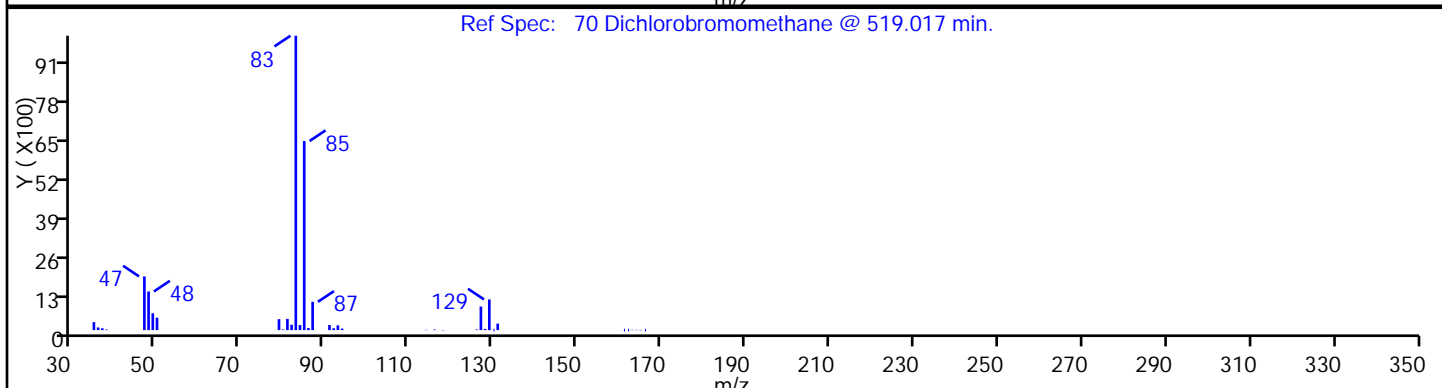
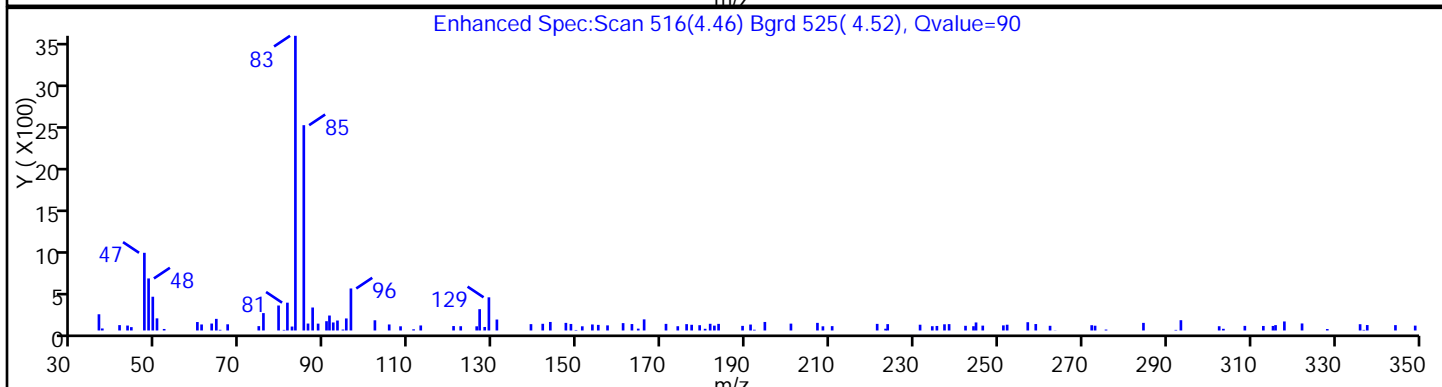
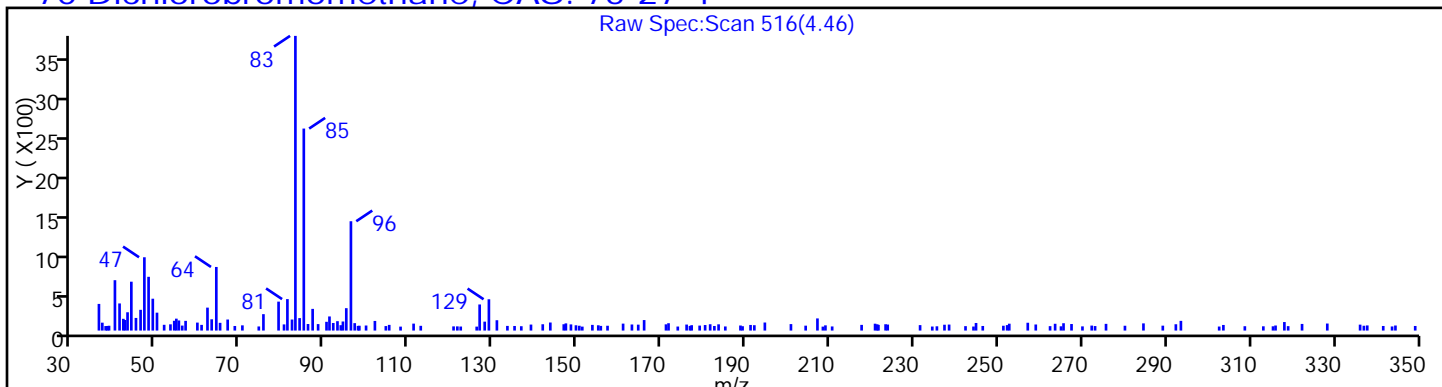
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

70 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

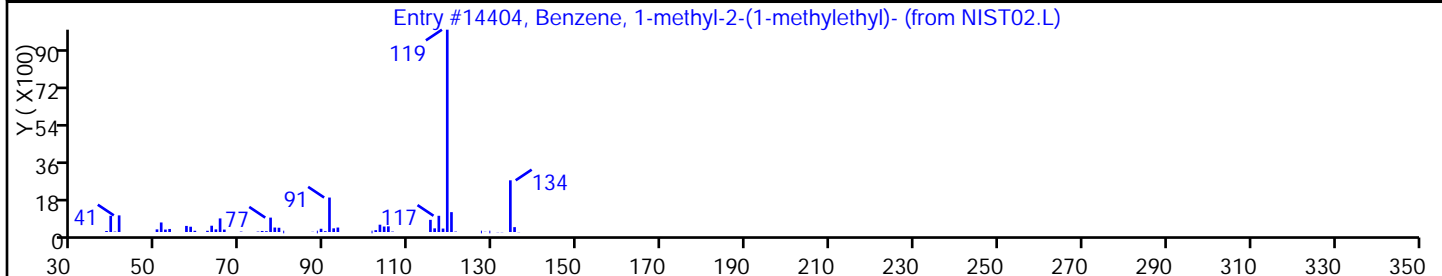
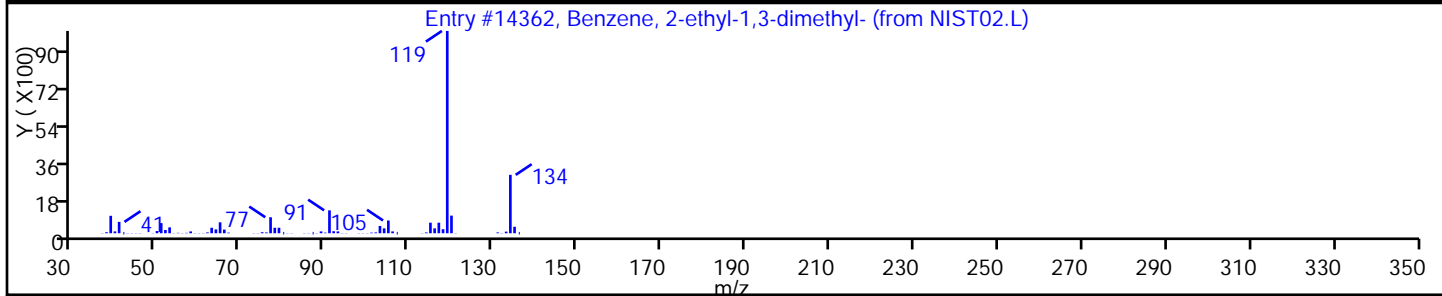
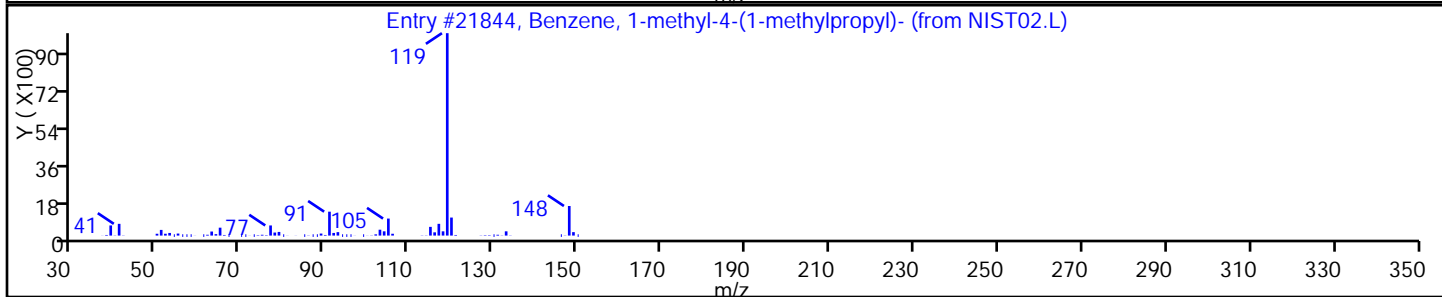
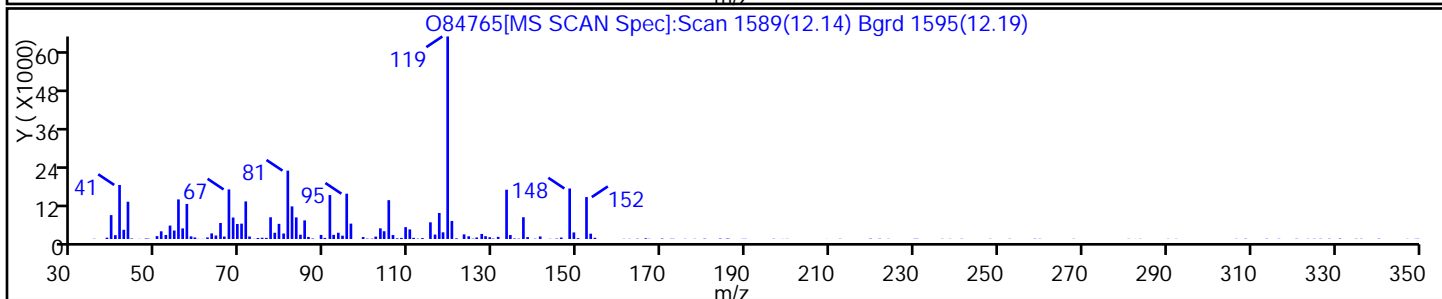
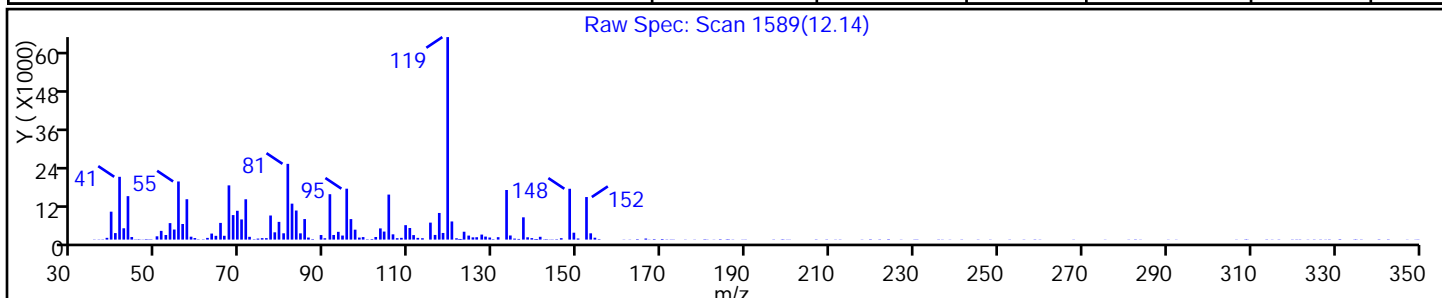
Method: 8260S_12

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	46
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14362	C10H14	134	42
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	42



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

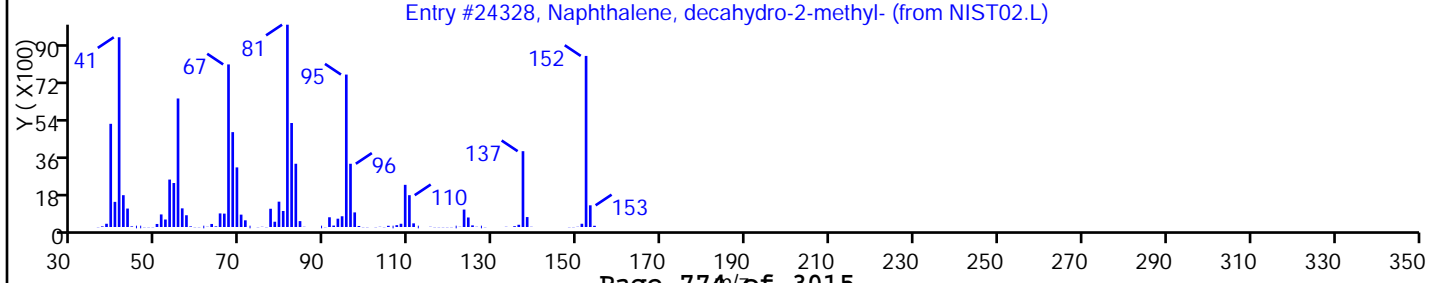
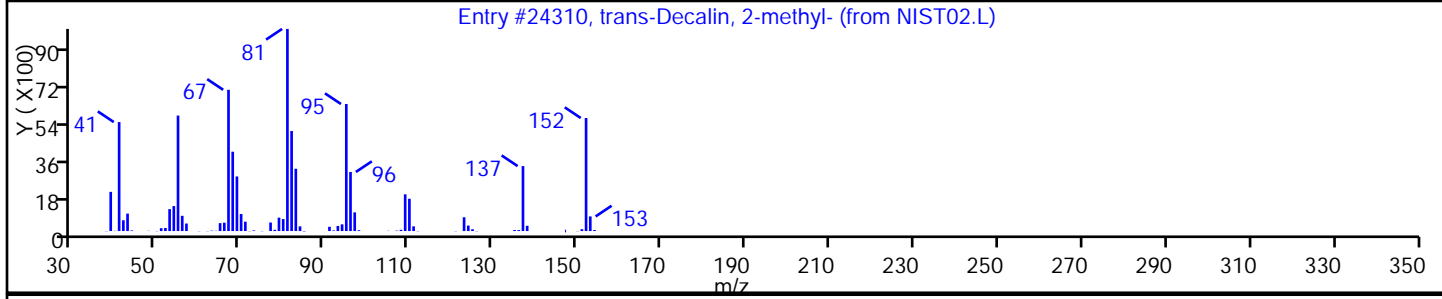
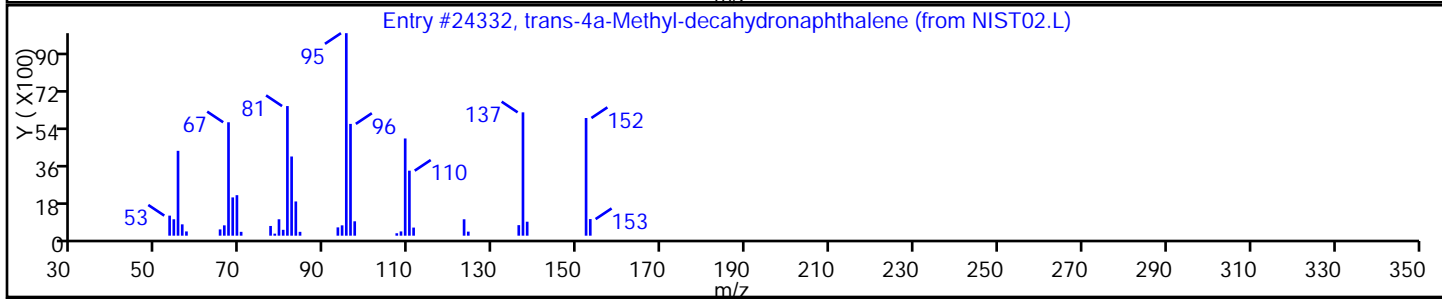
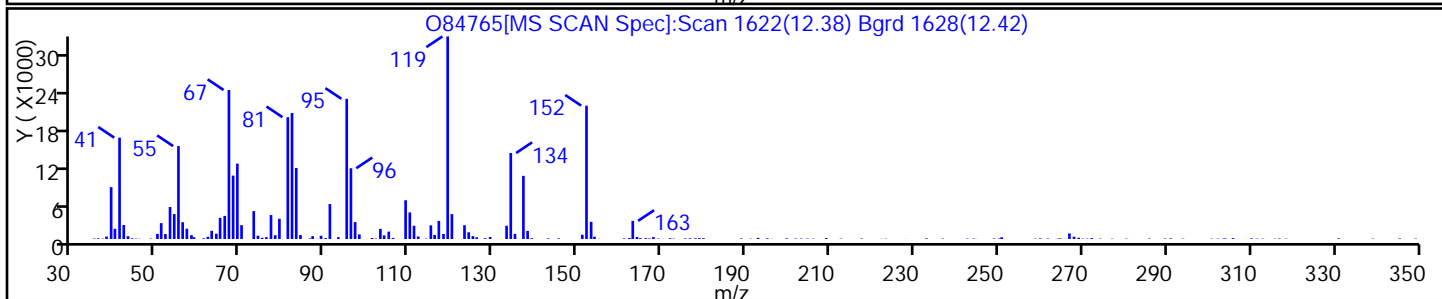
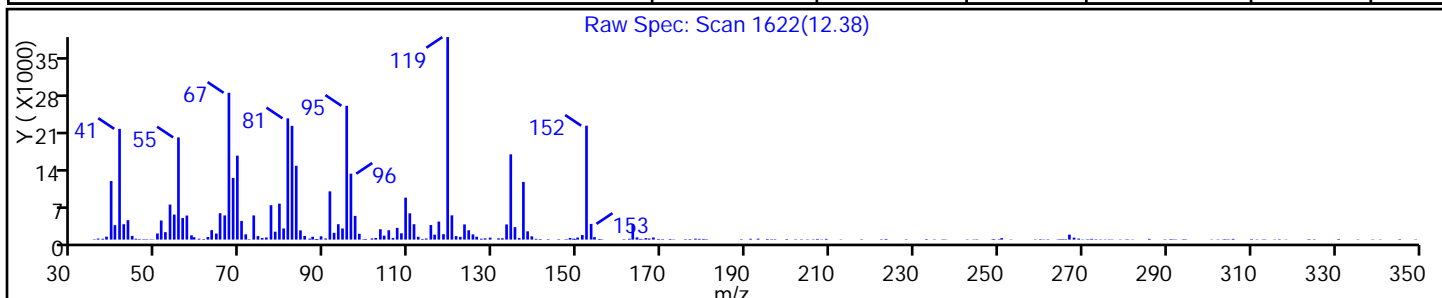
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	C11H20	152	60
trans-Decalin, 2-methyl-	1000152-47	NIST02.L	24310	C11H20	152	58
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	50



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

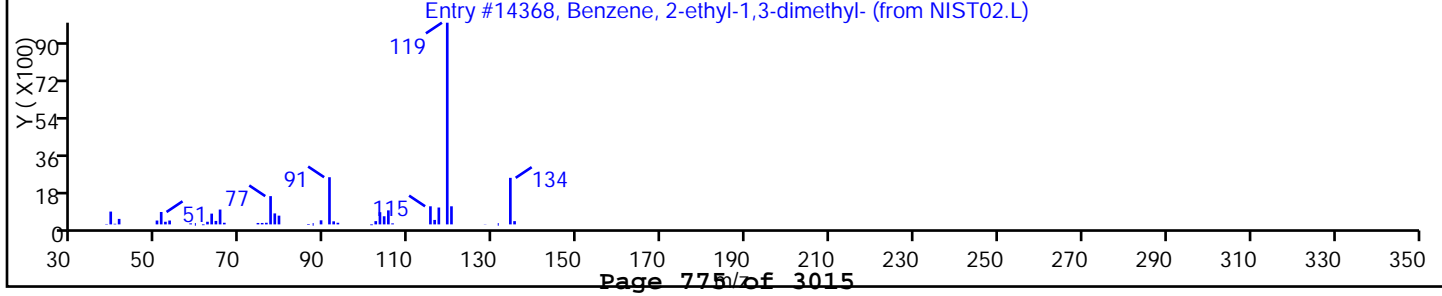
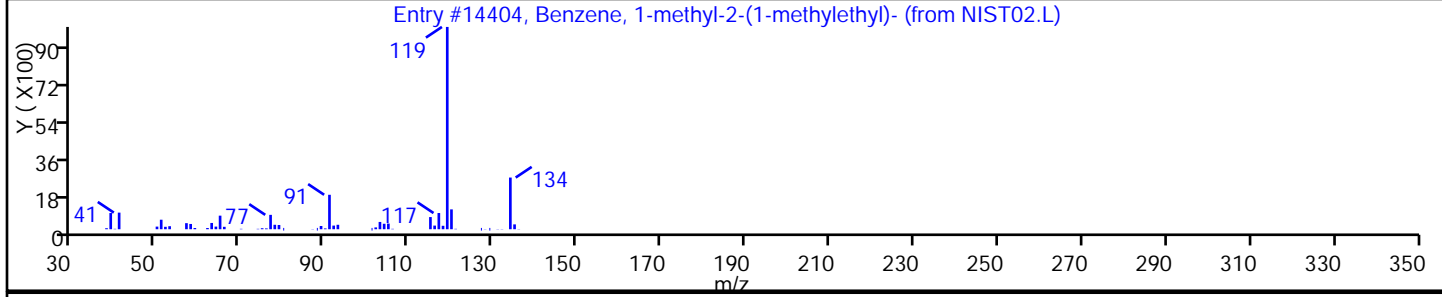
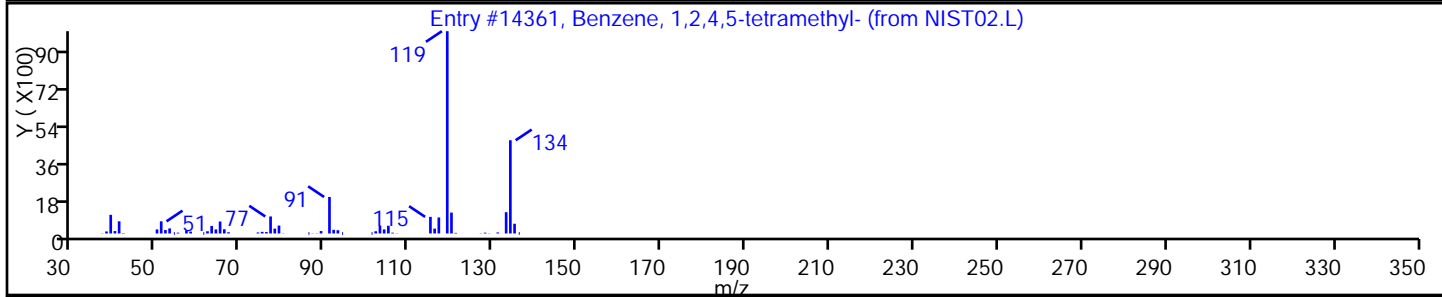
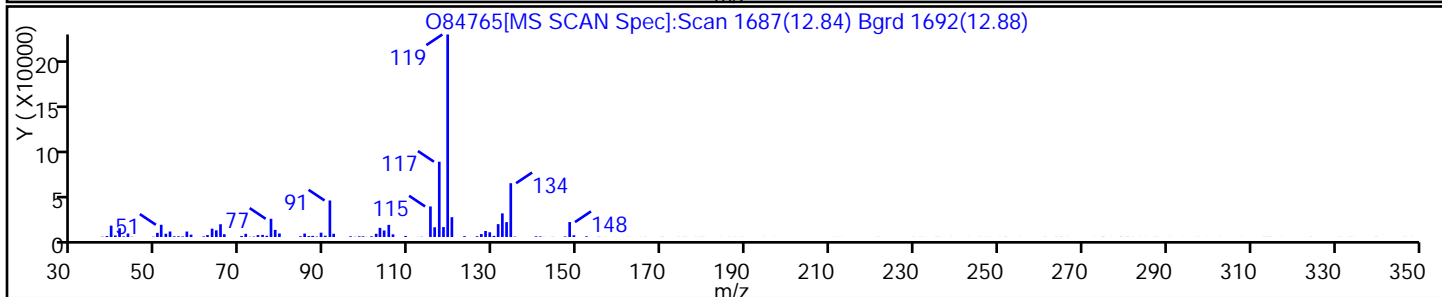
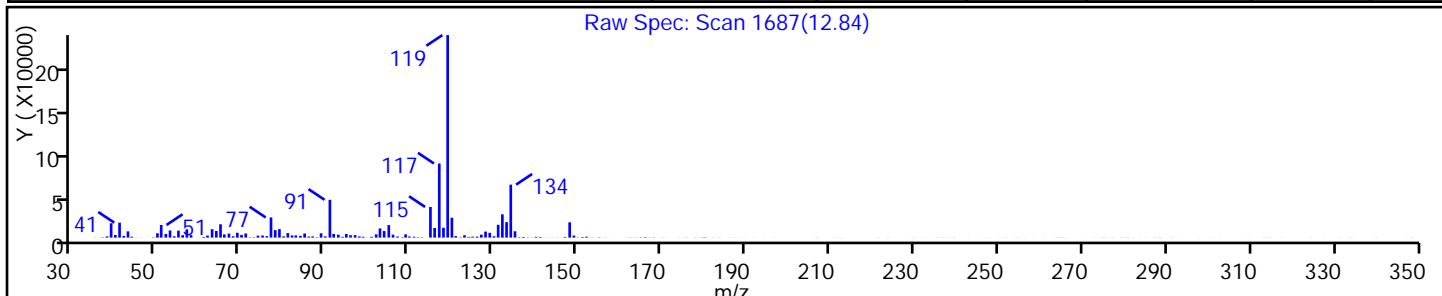
Method: 8260S_12

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	76
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	70
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	70



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

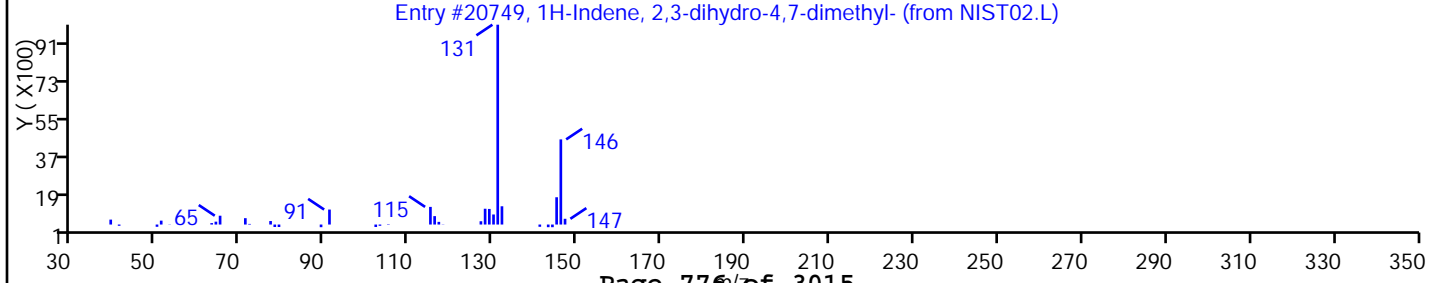
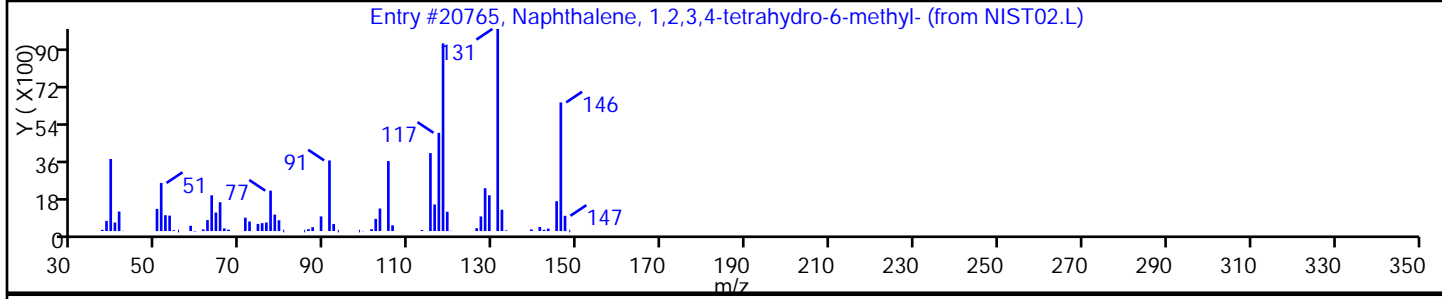
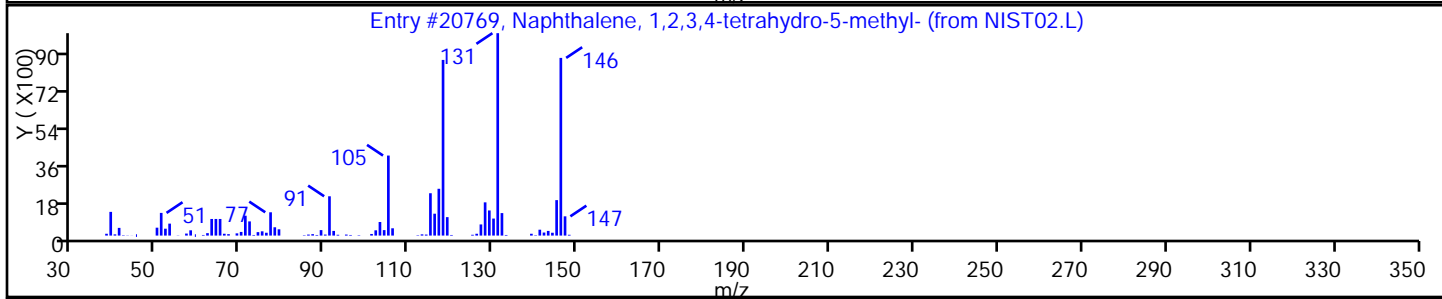
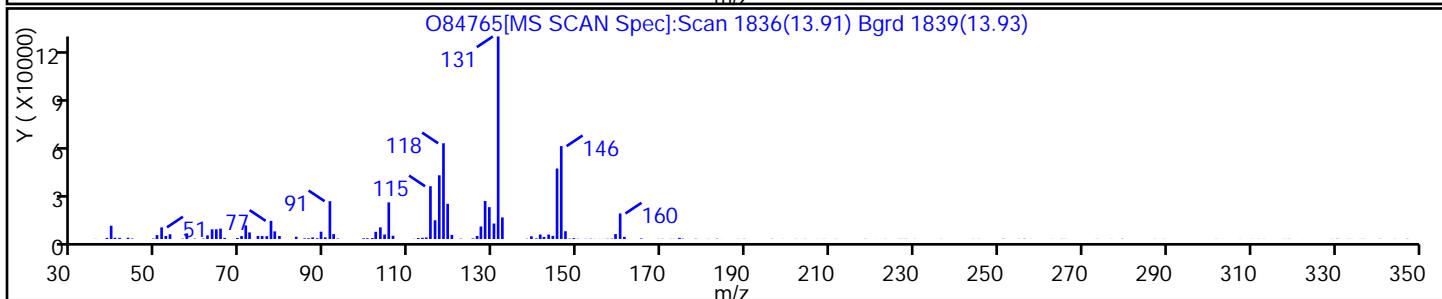
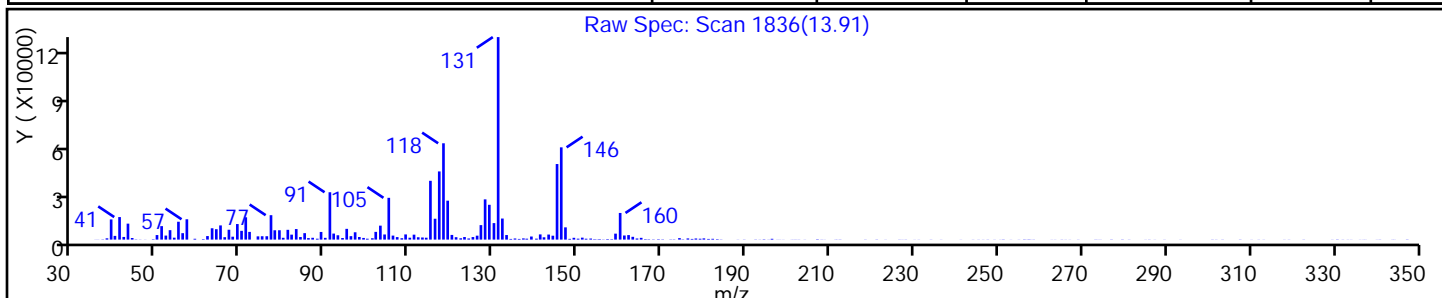
Method: 8260S_12

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	20769	C11H14	146	81
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20765	C11H14	146	70
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	60



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

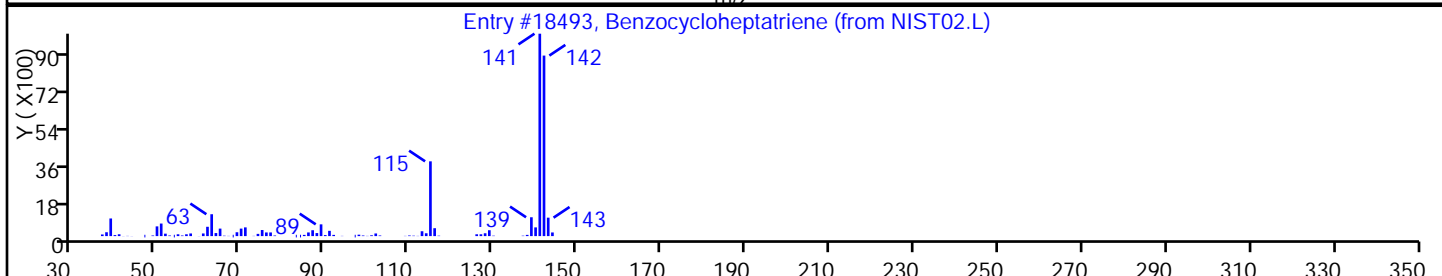
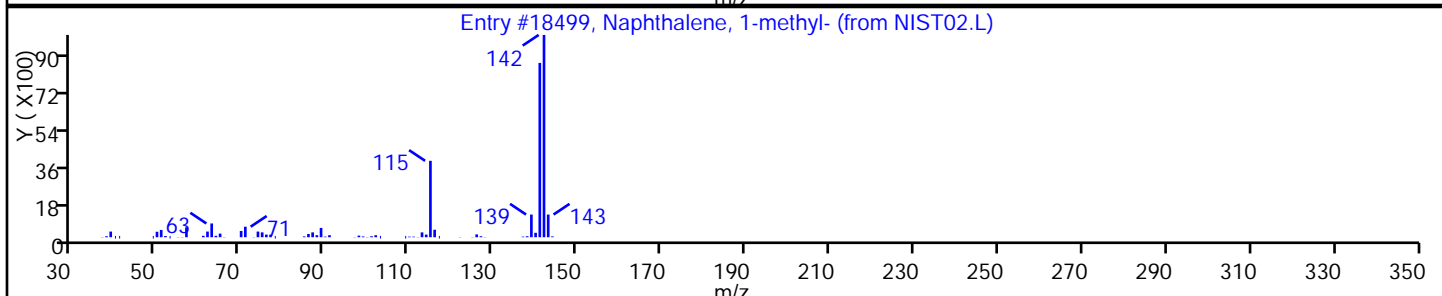
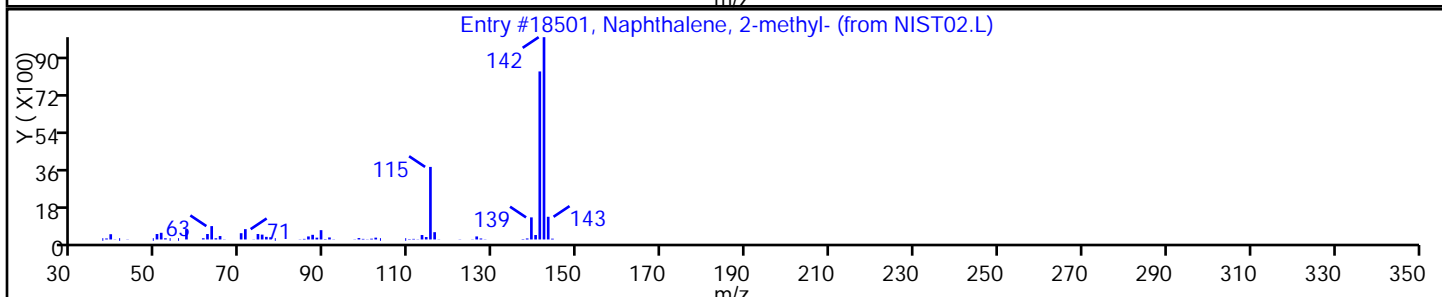
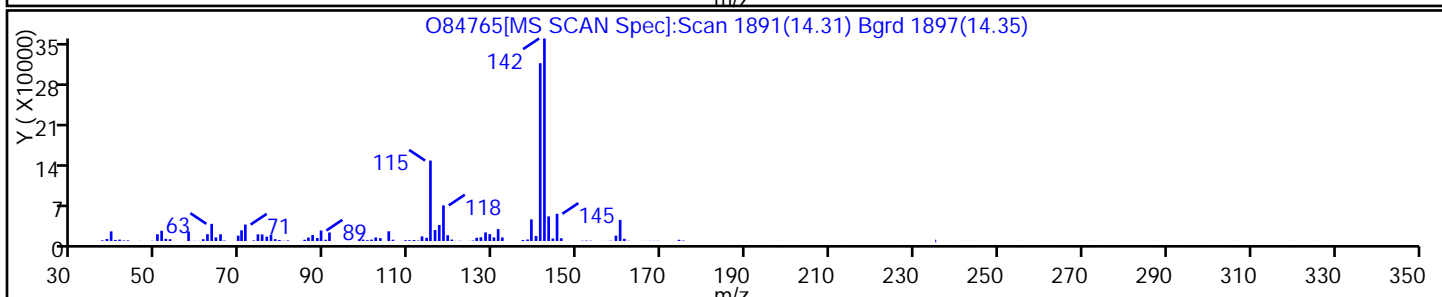
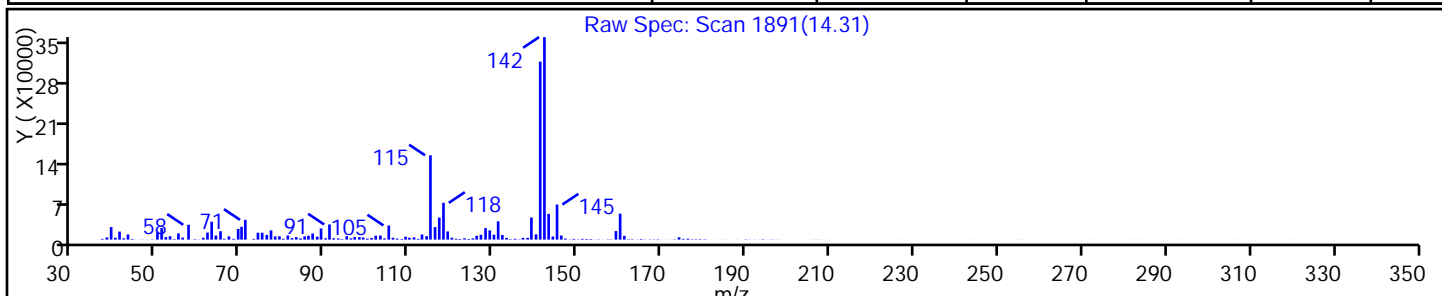
Method: 8260S_12

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	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

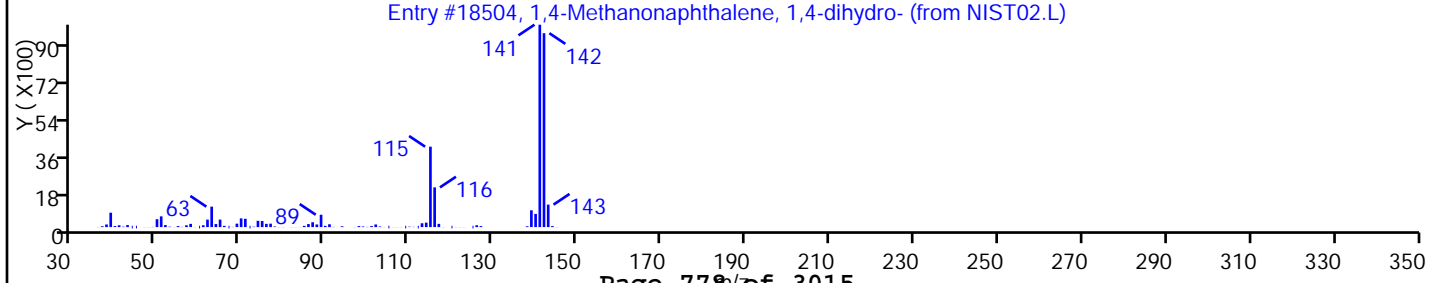
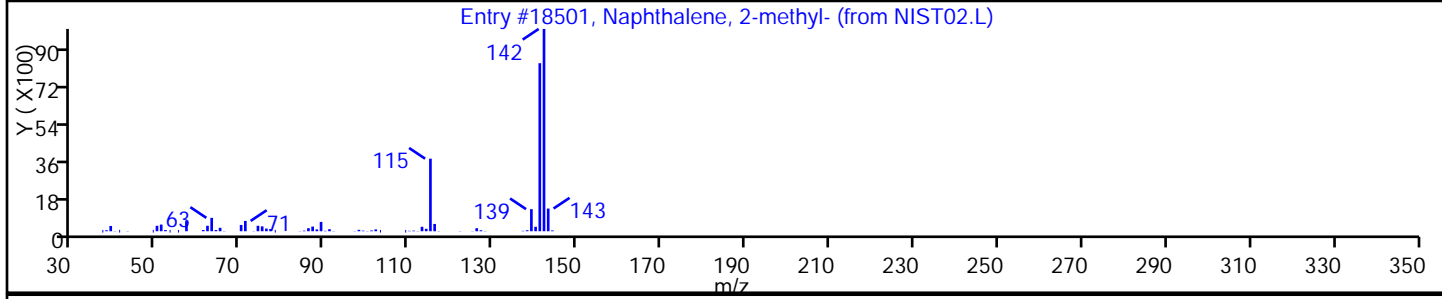
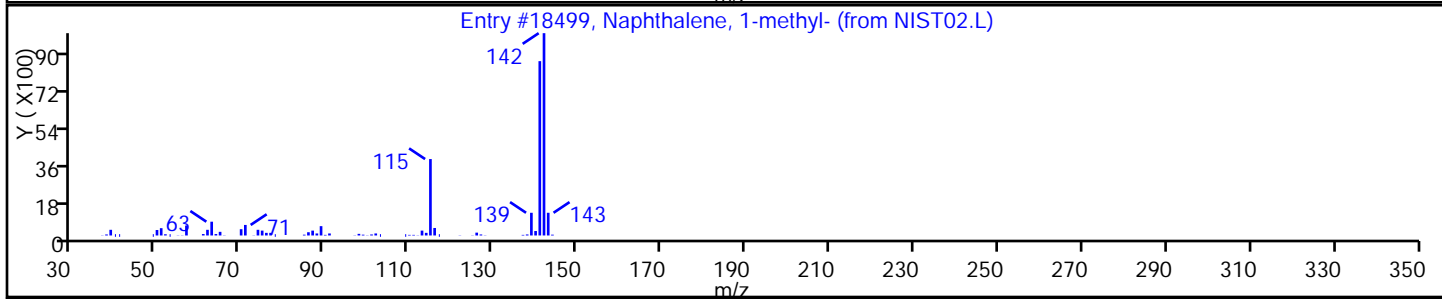
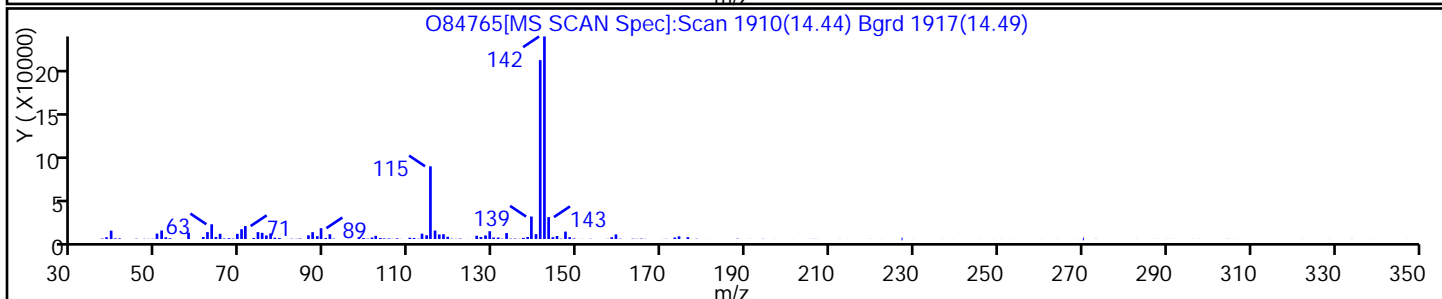
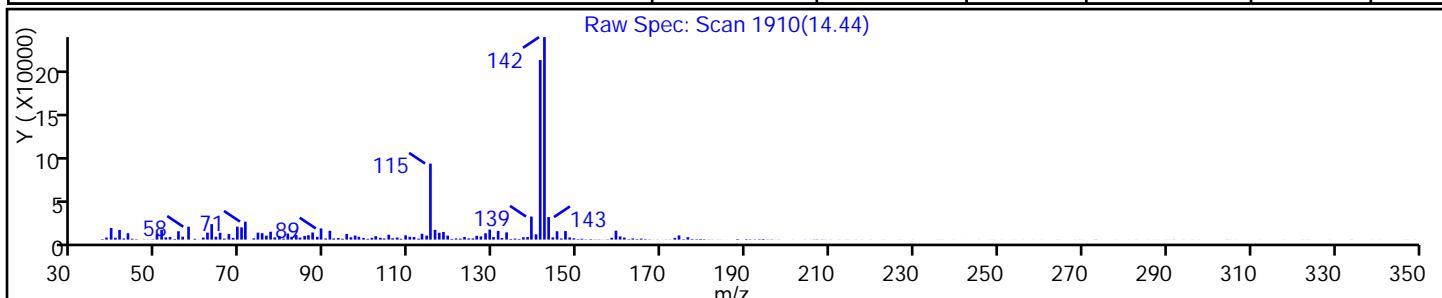
Method: 8260S_12

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

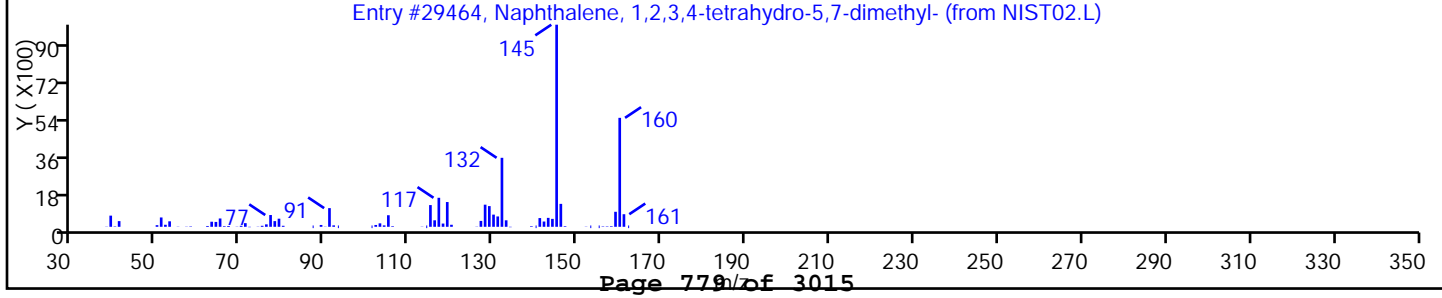
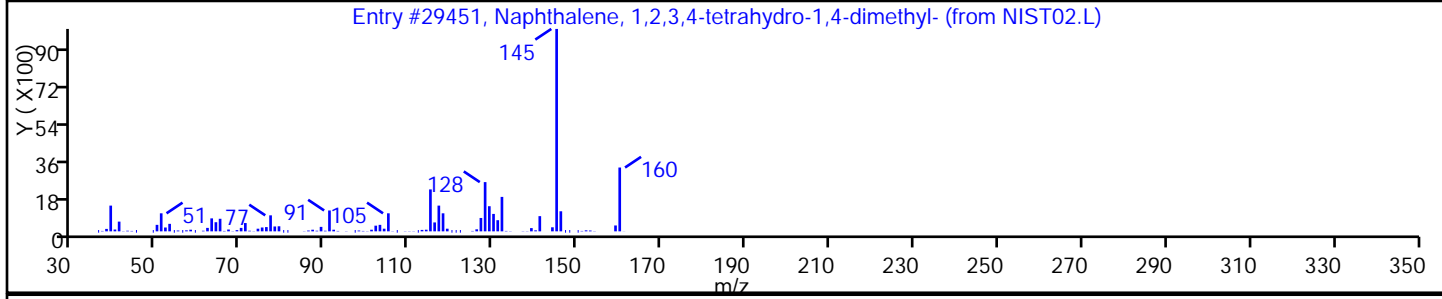
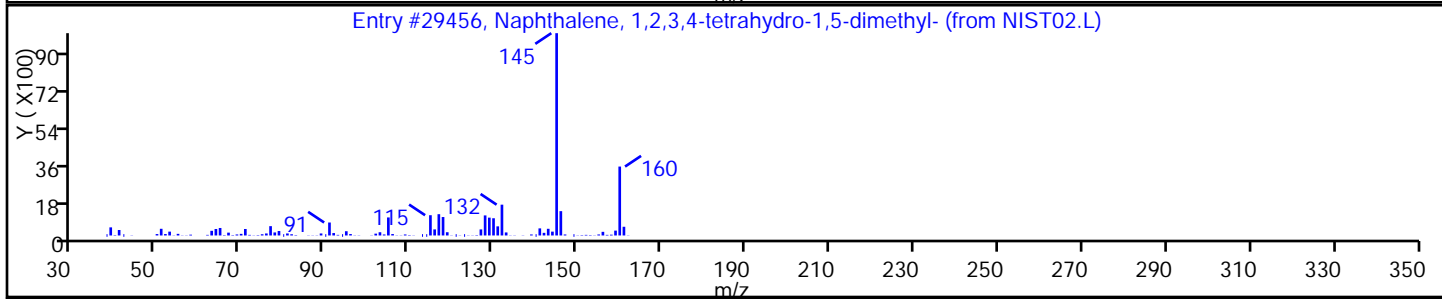
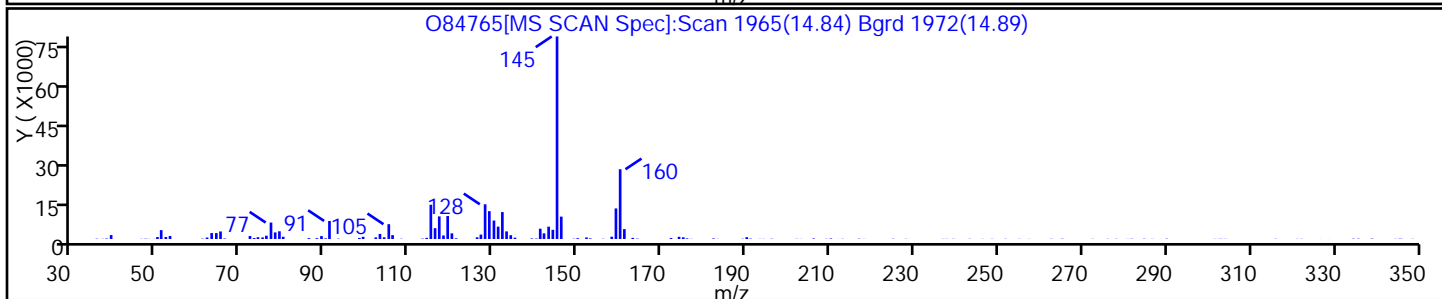
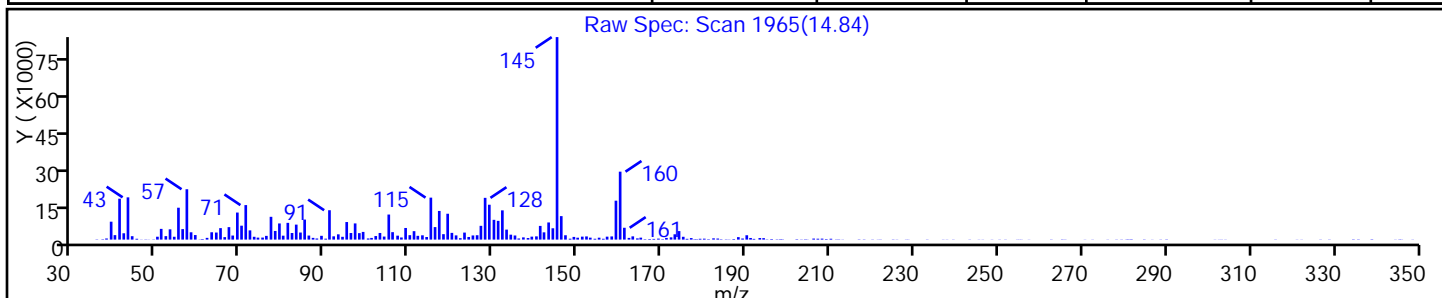
Method: 8260S_12

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-1,5-dime	21564-91-0	NIST02.L	29456	C12H16	160	91
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29451	C12H16	160	91
Naphthalene, 1,2,3,4-tetrahydro-5,7-dime	21693-54-9	NIST02.L	29464	C12H16	160	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

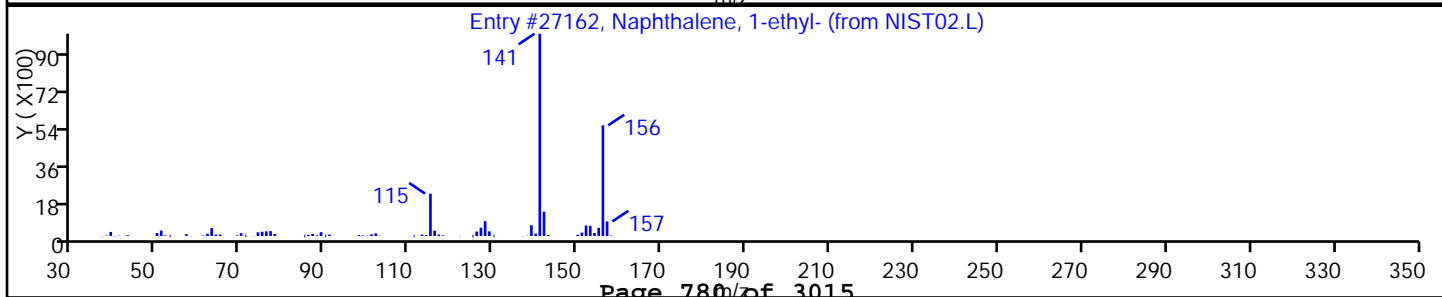
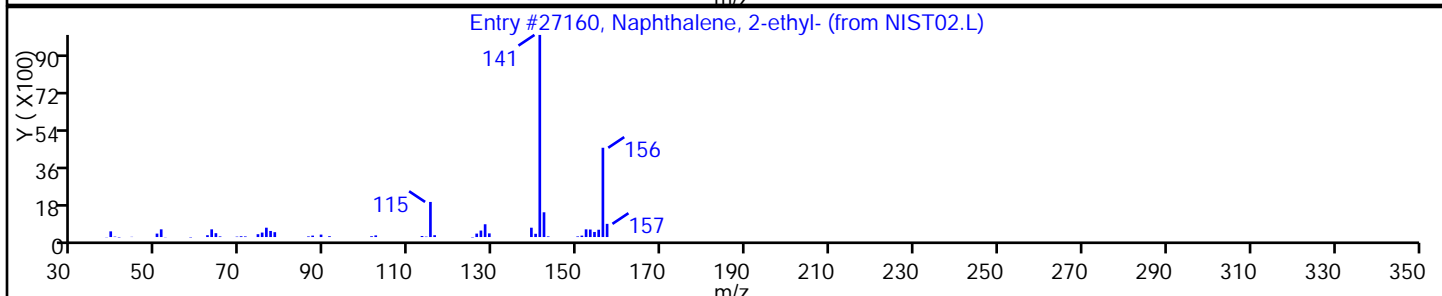
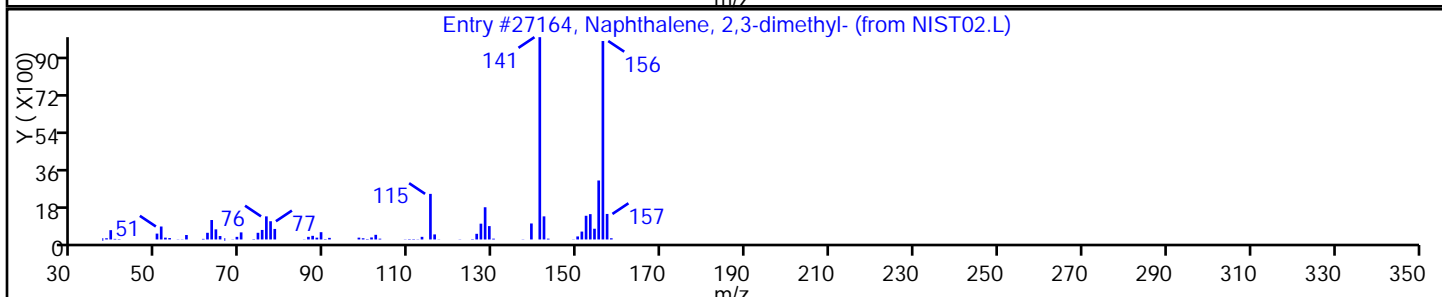
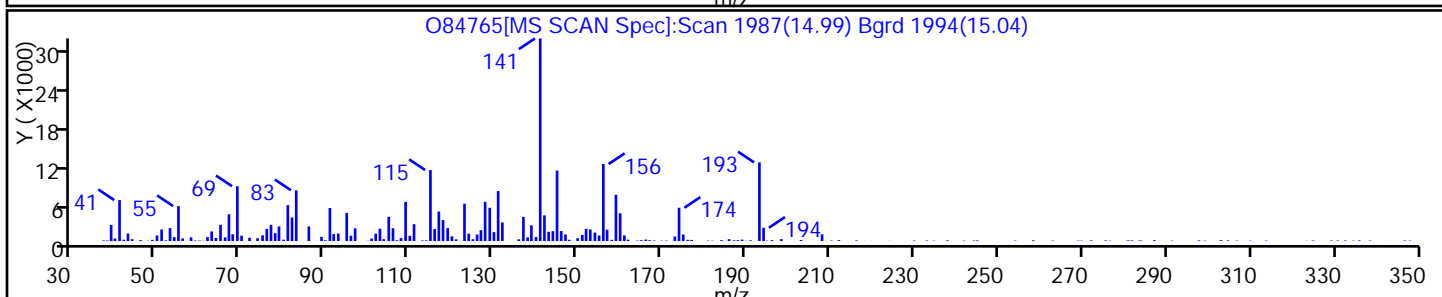
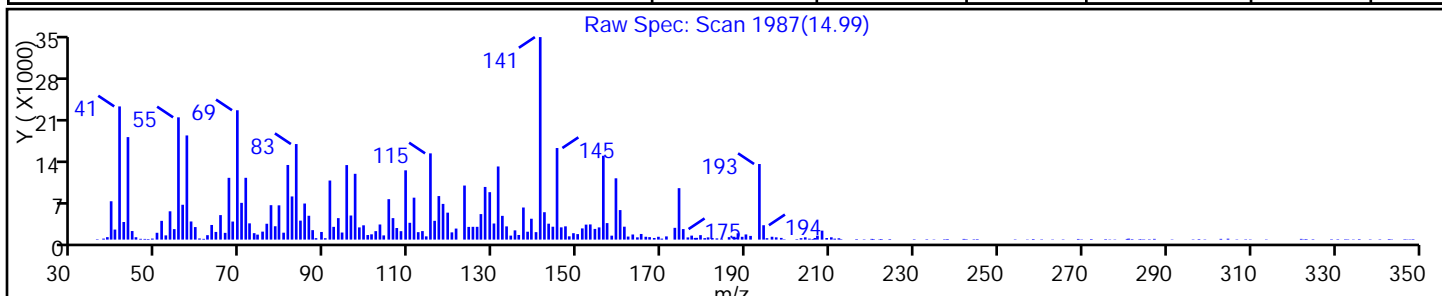
Method: 8260S_12

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	46
Naphthalene, 2-ethyl-	939-27-5	NIST02.L	27160	C12H12	156	42
Naphthalene, 1-ethyl-	1127-76-0	NIST02.L	27162	C12H12	156	42



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

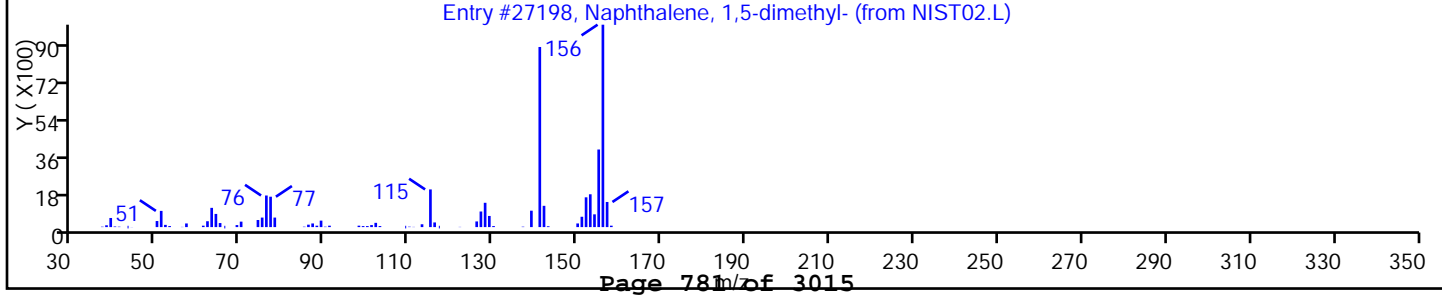
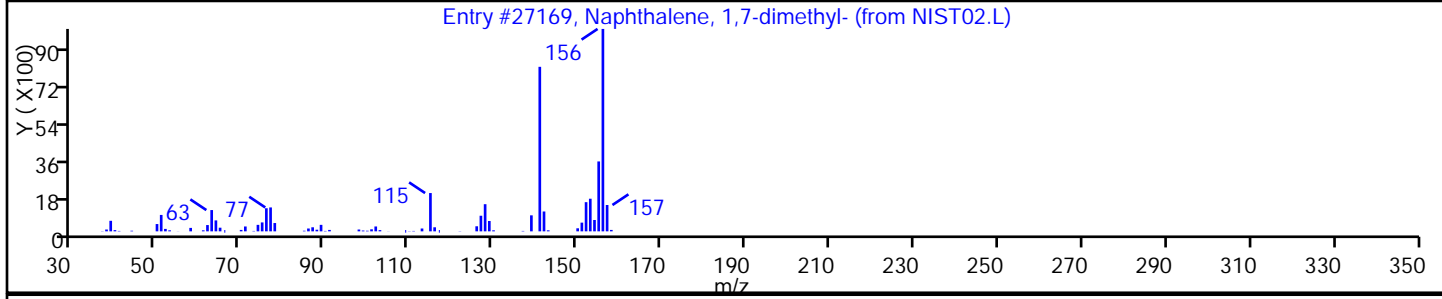
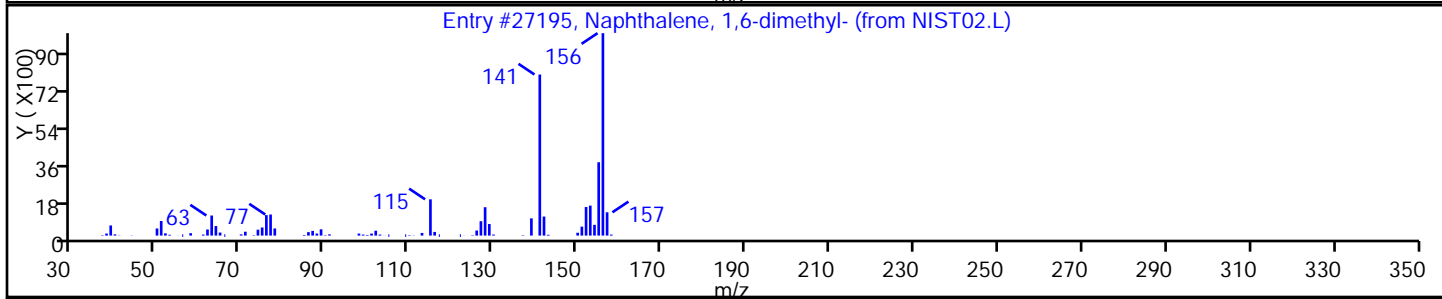
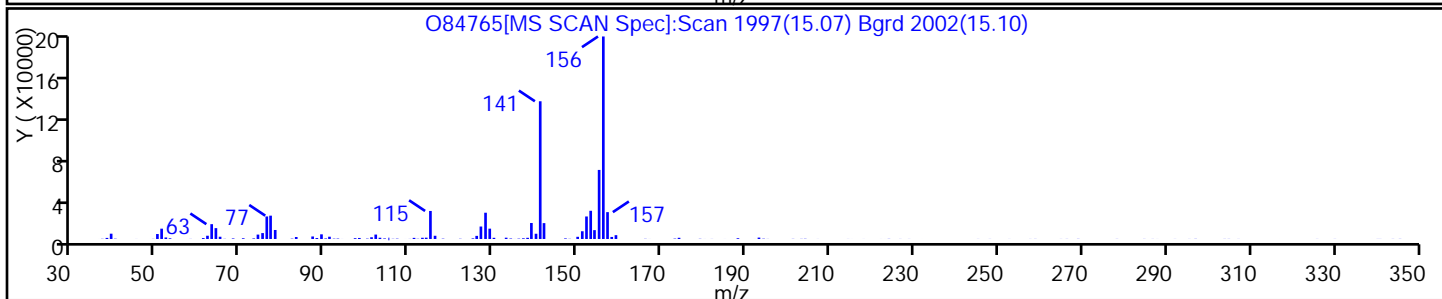
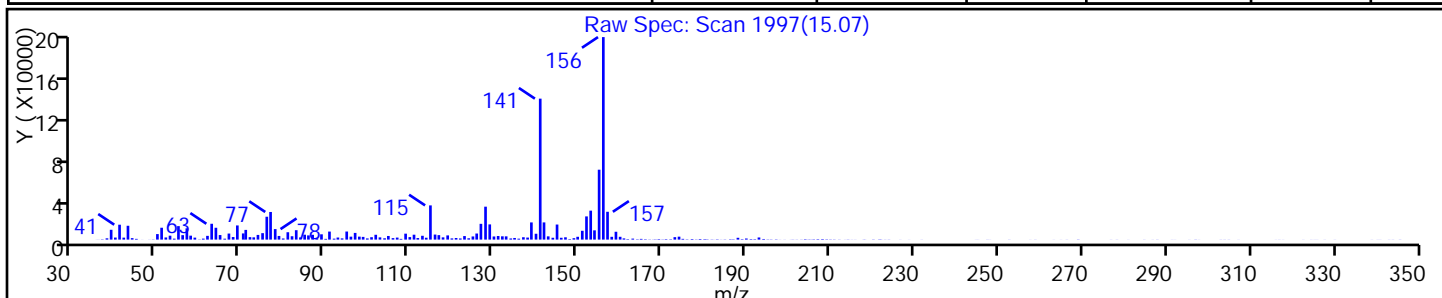
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.L	27195	C12H12	156	98
Naphthalene, 1,7-dimethyl-	575-37-1	NIST02.L	27169	C12H12	156	98
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.L	27198	C12H12	156	98



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84765.D

Injection Date: 14-Mar-2014 01:05:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

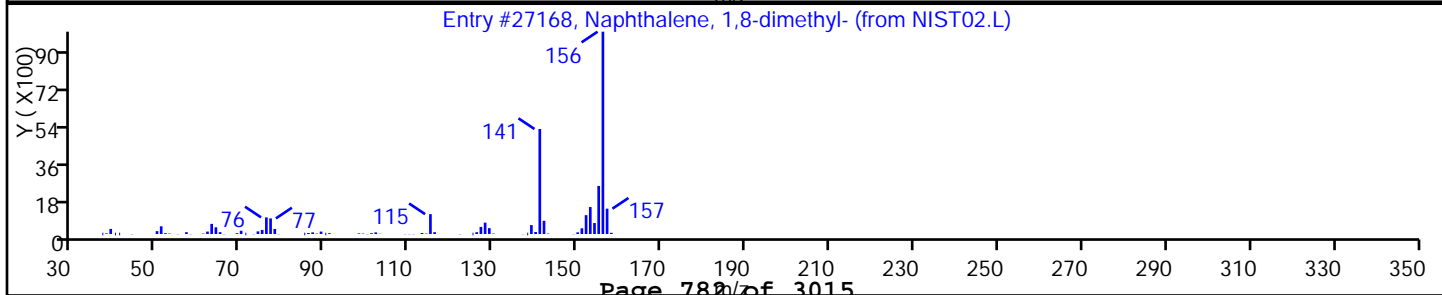
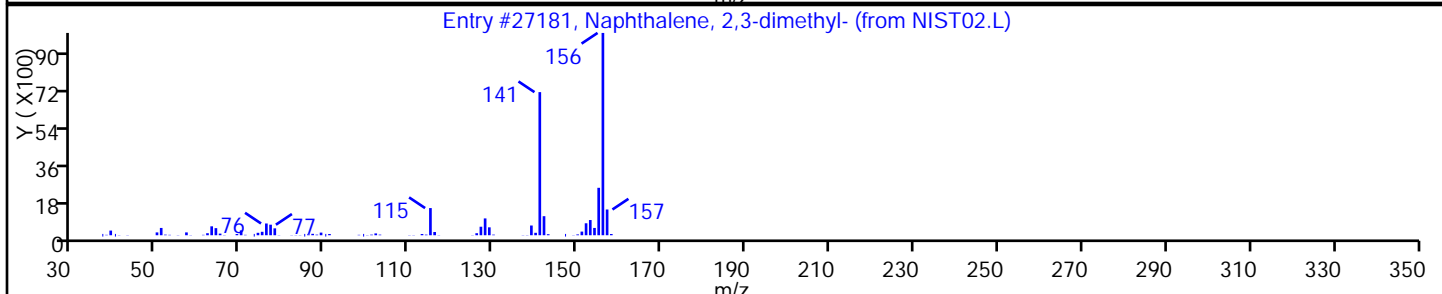
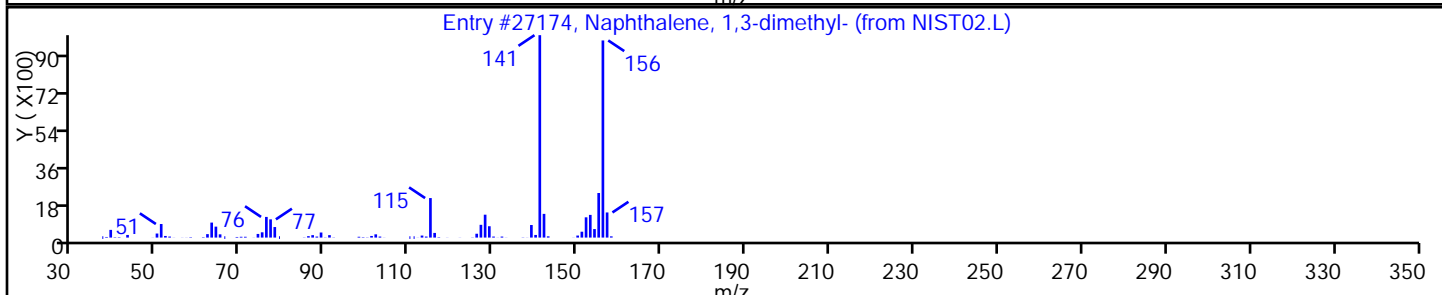
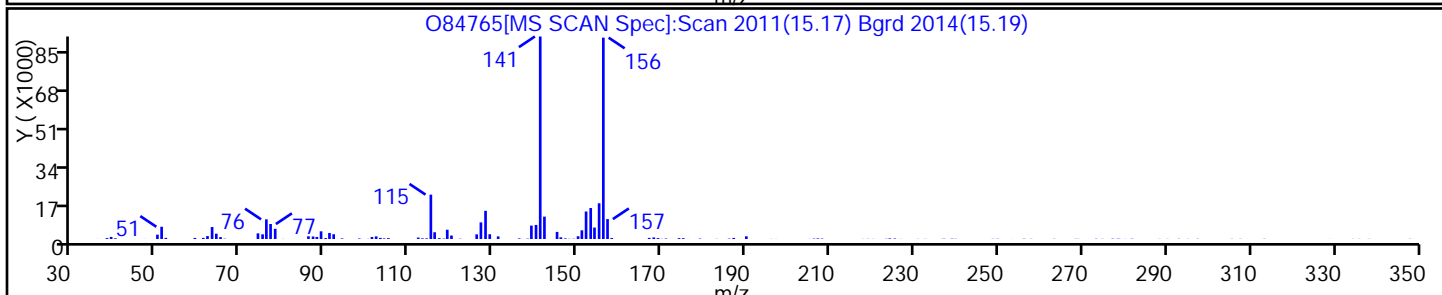
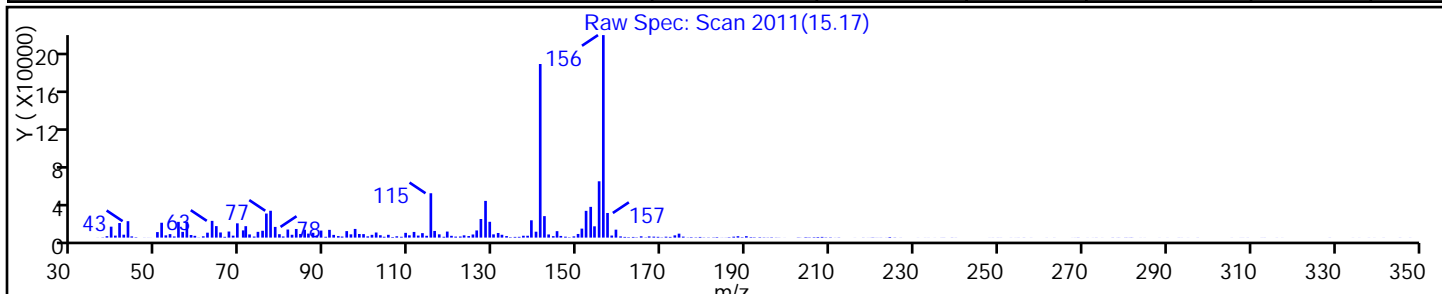
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27174	C12H12	156	95
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.L	27181	C12H12	156	94
Naphthalene, 1,8-dimethyl-	569-41-5	NIST02.L	27168	C12H12	156	93



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: O84801.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:00
 Sample wt/vol: 5.219(g) Date Analyzed: 03/14/2014 16:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.4 Level: (low/med) Low
 Analysis Batch No.: 212542 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	1.0		1.0	0.15
67-64-1	Acetone	16	B	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	0.19	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	0.25	U	1.0	0.25
78-93-3	2-Butanone	0.65	U	5.1	0.65
107-06-2	1,2-Dichloroethane	0.18	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	0.29	U	1.0	0.29
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	5.1	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	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	5.1	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: O84801.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:00
 Sample wt/vol: 5.219(g) Date Analyzed: 03/14/2014 16:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.4 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	3.9		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	12		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	3.7		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	2.0	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	0.092	U	1.0	0.092
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)	90		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	97		70-130
1868-53-7	Dibromofluoromethane (Surr)	91		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: O84801.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:00
 Sample wt/vol: 5.219(g) Date Analyzed: 03/14/2014 16:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.4 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 491

CAS NO.	COMPOUND NAME	RT	RESULT	Q
17302-32-8	Nonane, 3,7-dimethyl-	14.38	19	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	170	J N
	Unknown	14.82	16	J
634-66-2	Benzene, 1,2,3,4-tetrachloro-	14.87	39	J N
6165-40-8	Pentadecane, 7-methyl-	14.92	20	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.05	19	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	15.14	34	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	15.22	110	J N
20536-40-7	Bicyclo[2.2.1]heptane, 2,2,3-trimethyl-,	15.32	36	J N
54934-95-1	Cyclohexane, 1-(cyclohexylmethyl)-4-ethy	15.41	28	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D
 Lims ID: 460-72180-B-13-A Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 16:24:30 ALS Bottle#: 28 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-13-A
 Misc. Info.: 460-0010850-028
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 16:55:00 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 16:55:42

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.585	-0.001	86	22000	15.3	
25 Methylene Chloride	84	1.821	1.814	0.007	61	3970	0.9889	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	99	361346	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	118669	45.7	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	94	121139	44.9	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	642138	50.0	
* 150 1,4-Dioxane-d8	96	4.278	4.271	0.007	89	31592	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	555796	43.9	
* 87 Chlorobenzene-d5	117	7.122	7.122	0.0	86	482266	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	84	164403	48.3	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	235267	50.0	
117 1,4-Dichlorobenzene	146	10.810	10.811	-0.001	88	33186	3.82	
124 1,2,4-Trichlorobenzene	180	13.181	13.182	-0.001	93	67510	12.1	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	82	18436	3.59	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D
 Lims ID: 460-72180-B-13-A Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 16:24:30 ALS Bottle#: 28 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-13-A
 Misc. Info.: 460-0010850-028
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 16:55:00 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 16:55:42

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
14.378	591663	18.1	116	87	27137	C11H24	156	
14.621	5571040	170.7	116	97	61716	C15H28	208	
14.815	504549	15.5	116					
14.865	1238572	37.9	116	99	65866	C6H2Cl4	214	
14.922	625777	19.2	116	70	73980	C16H34	226	
15.051	611316	18.7	116	47	61716	C15H28	208	
15.137	1090181	33.4	116	91	71138	C16H30	222	
15.223	3493576	107.0	116	91	71138	C16H30	222	
15.316	1137296	34.8	116	42	16392	C10H18	138	
15.409	888538	27.2	116	78	61719	C15H28	208	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	1632247	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Worklist Smp#: 28

Client ID: PMP-19SW-VD

Purge Vol: 5.000 mL

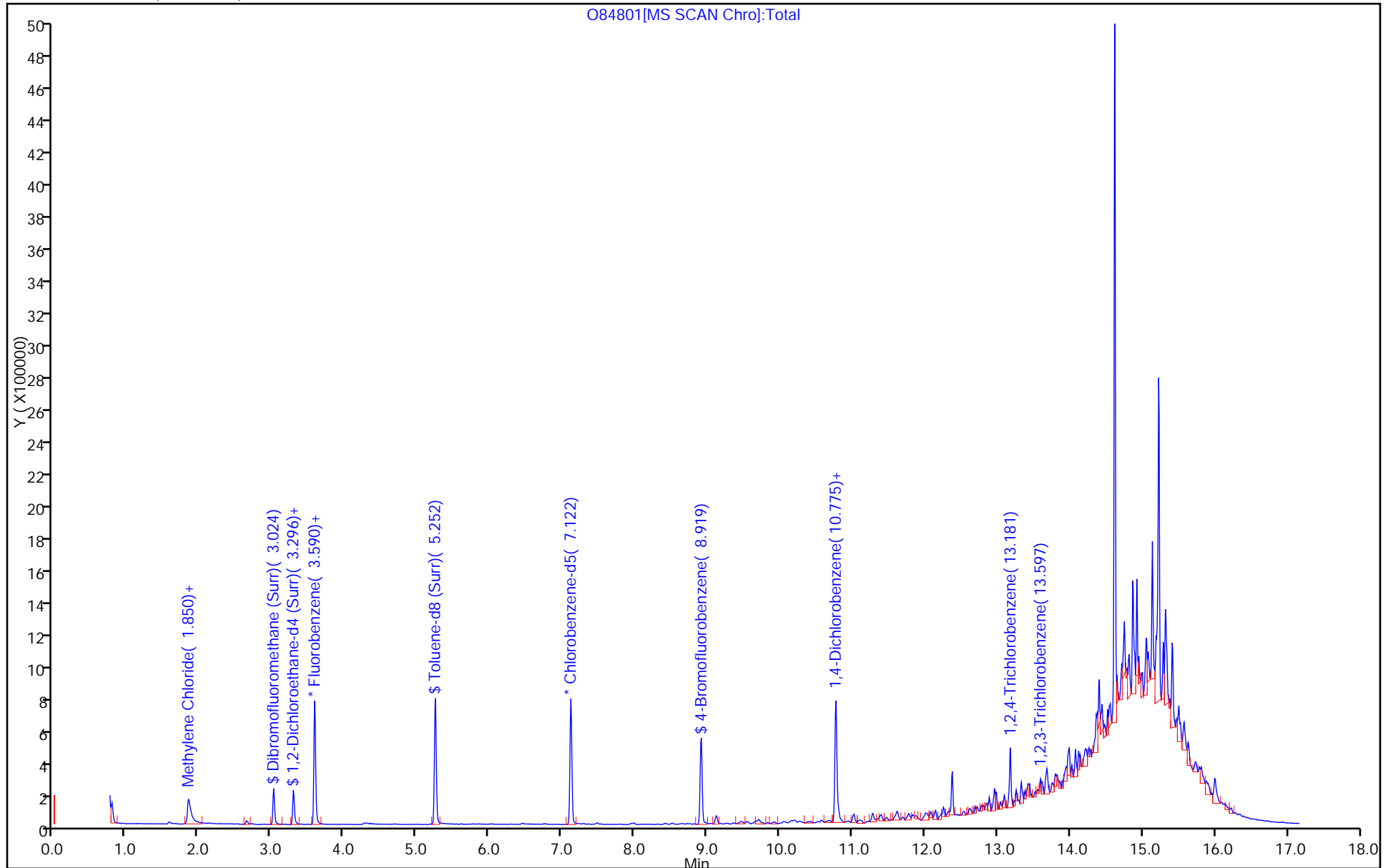
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

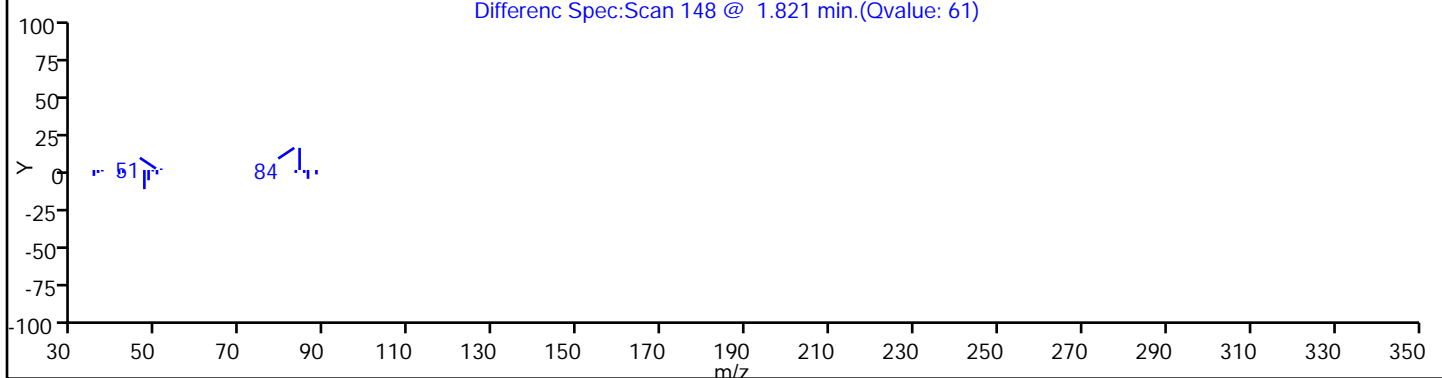
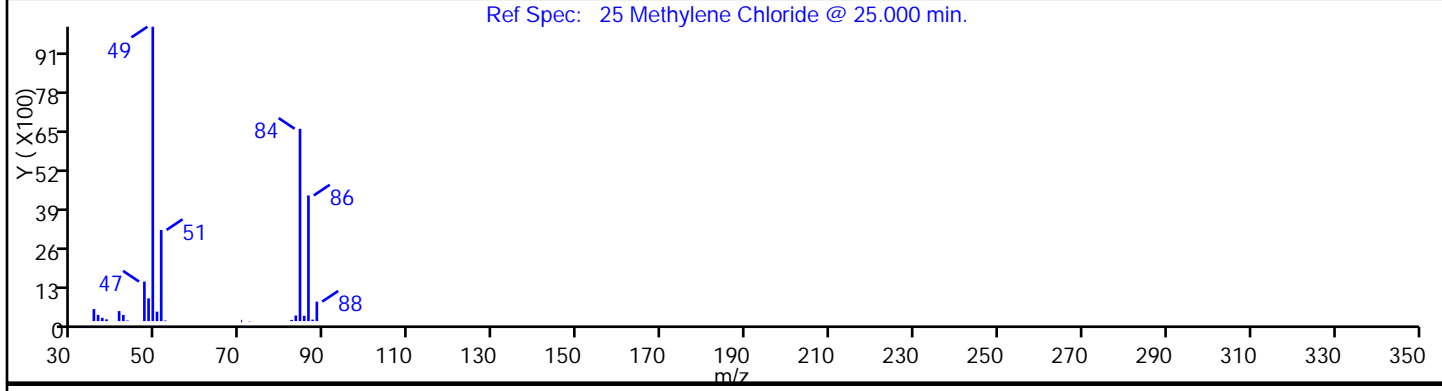
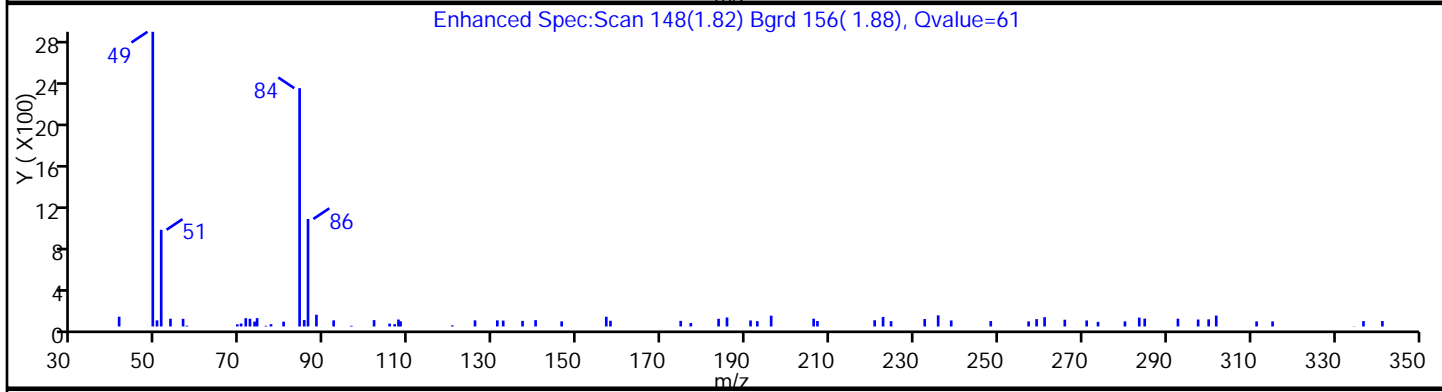
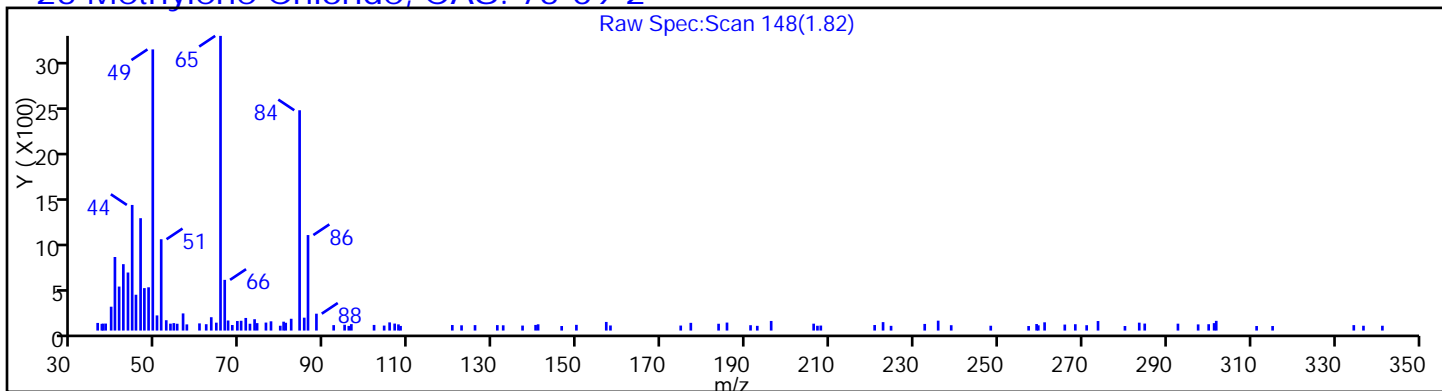
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

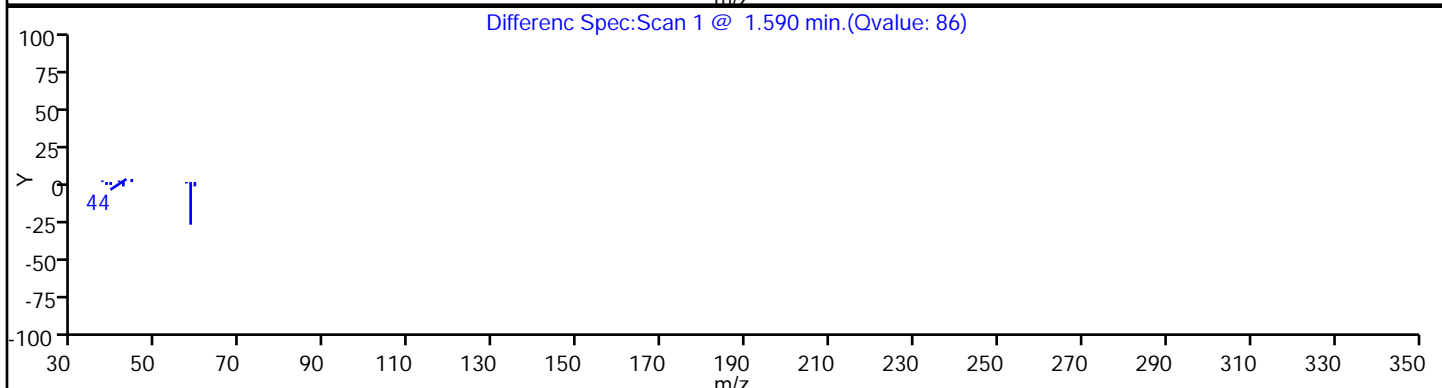
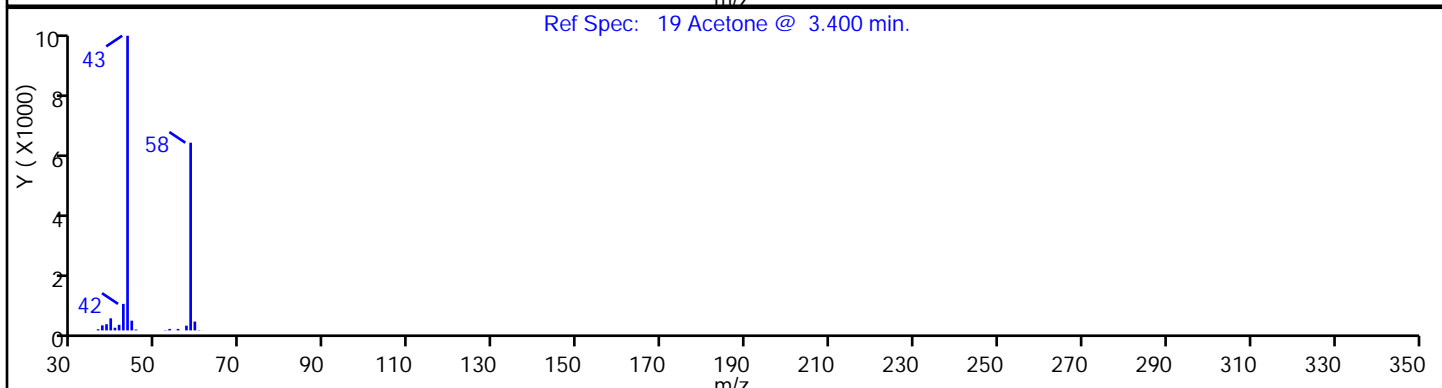
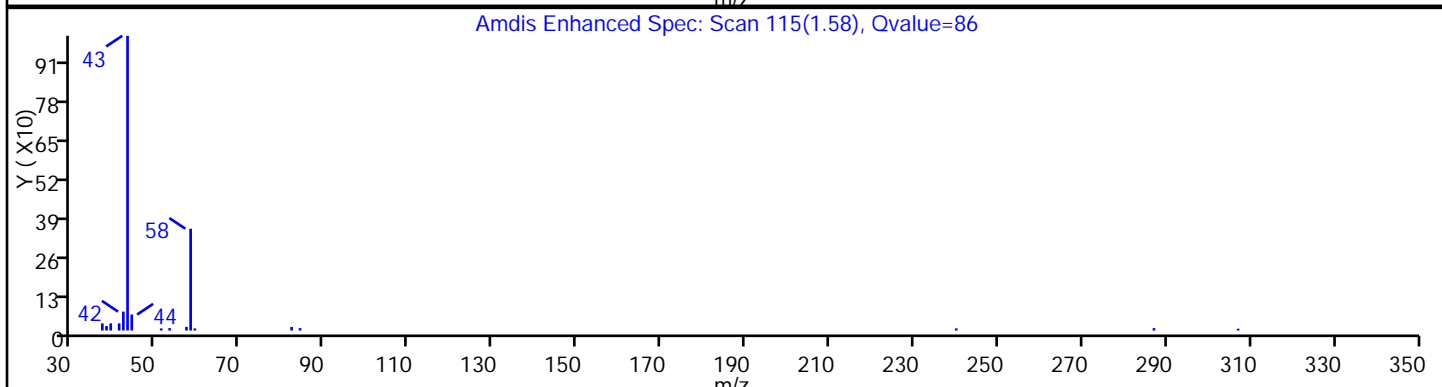
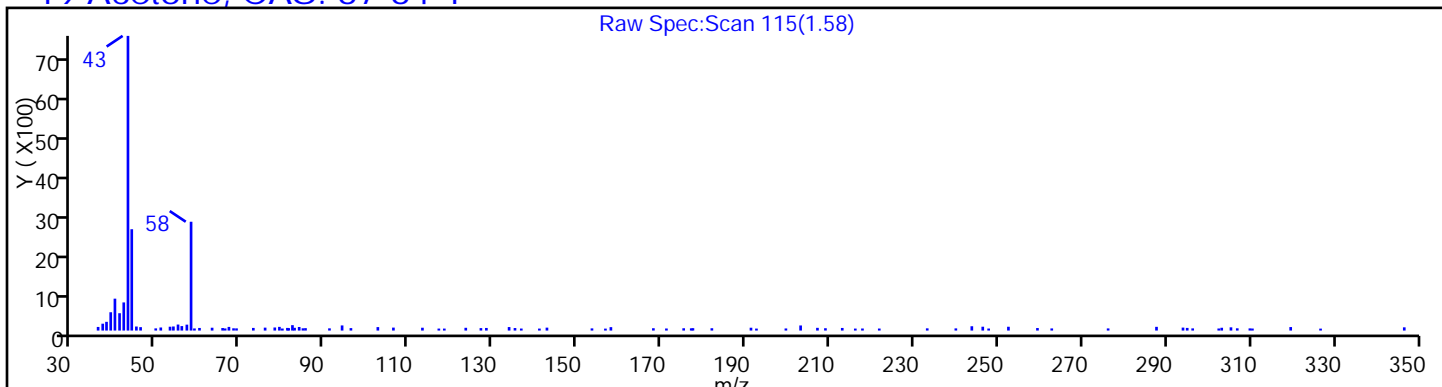
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

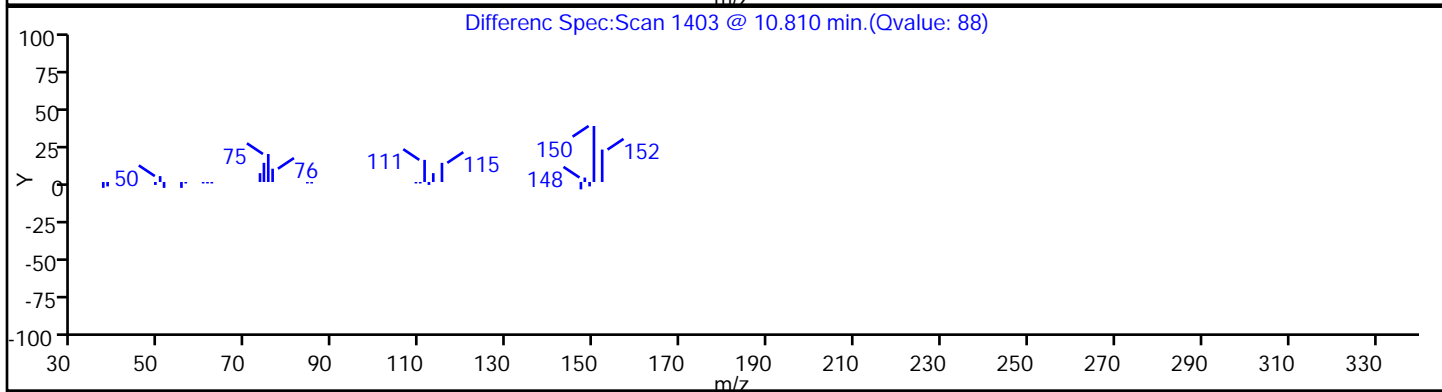
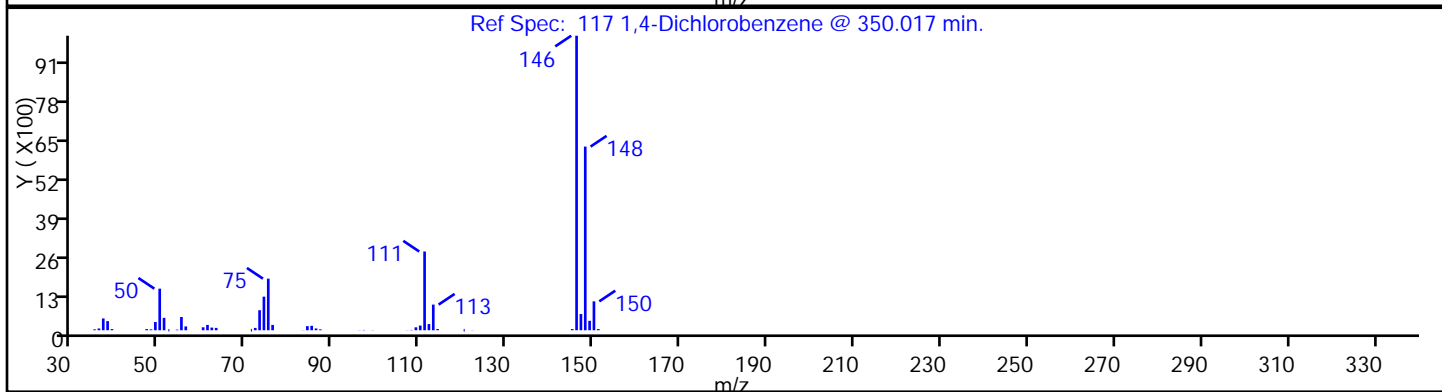
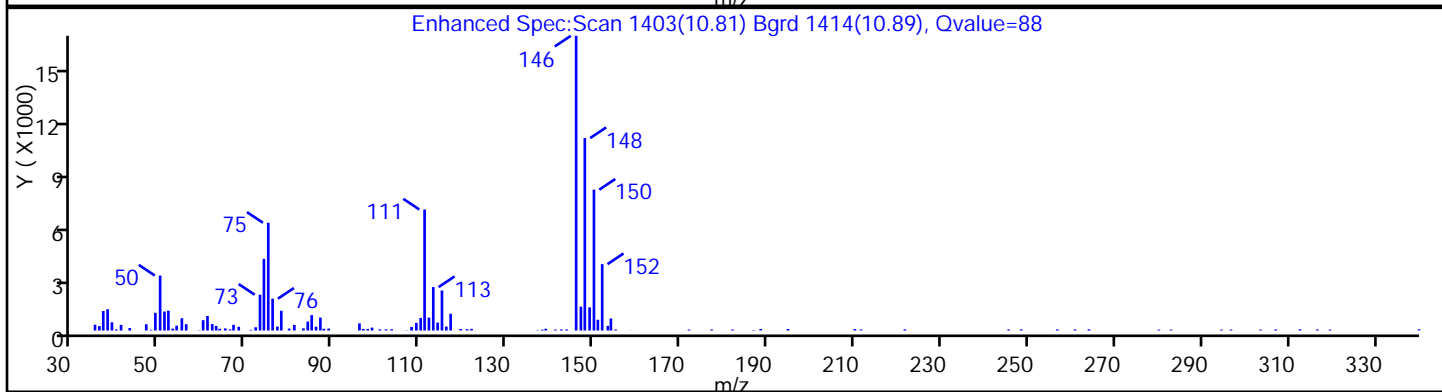
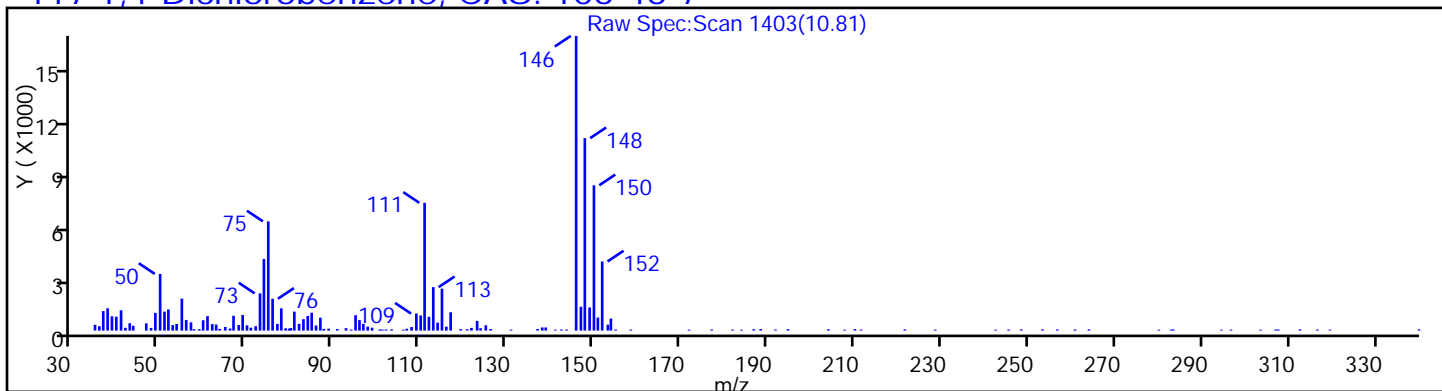
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

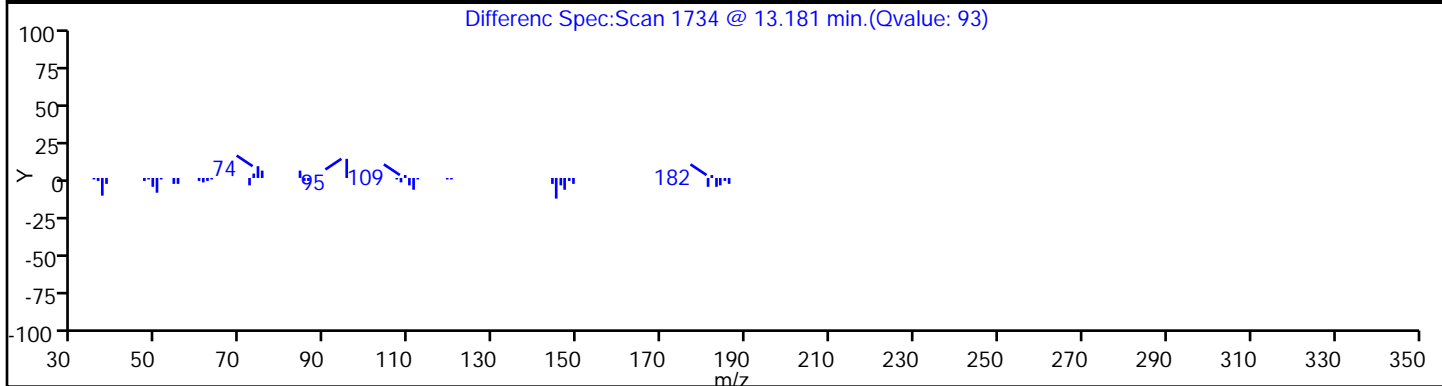
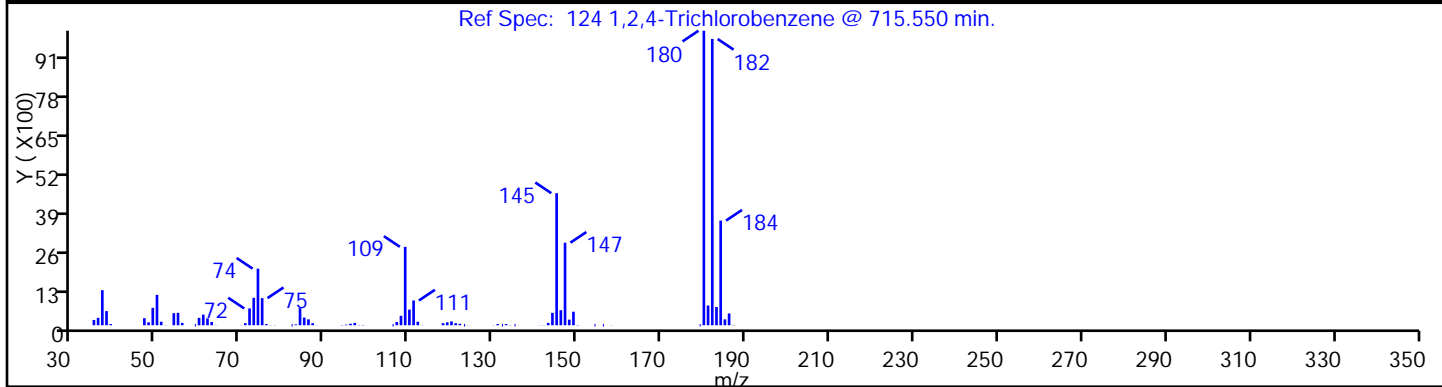
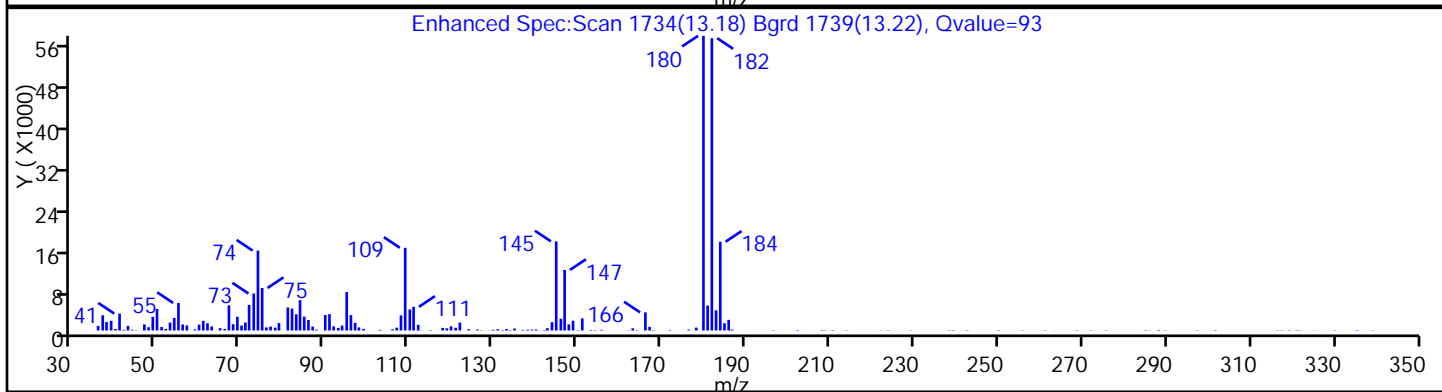
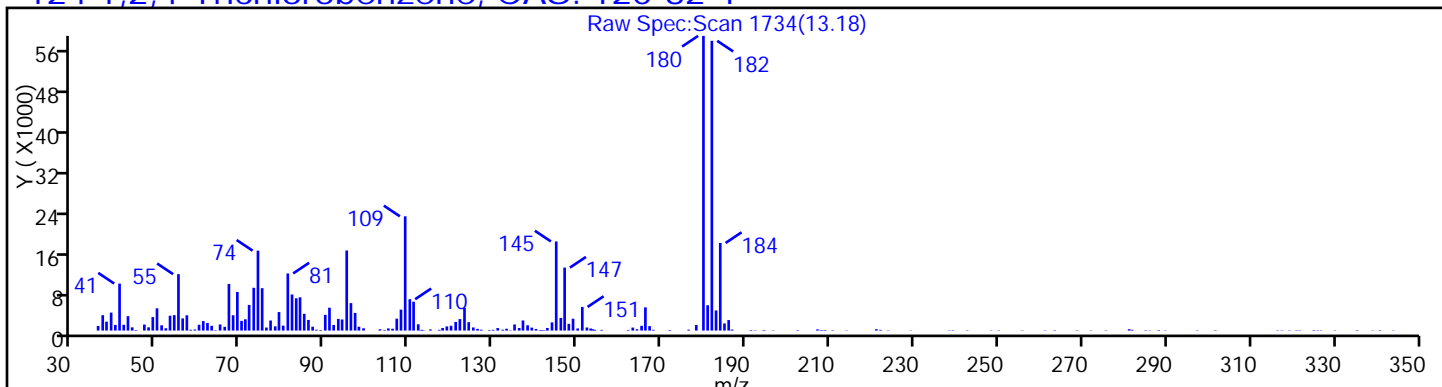
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

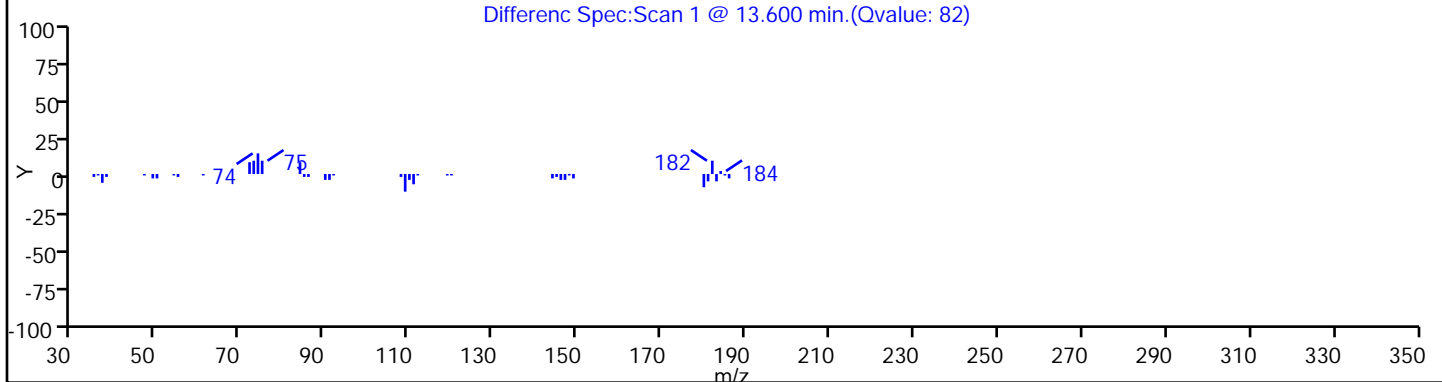
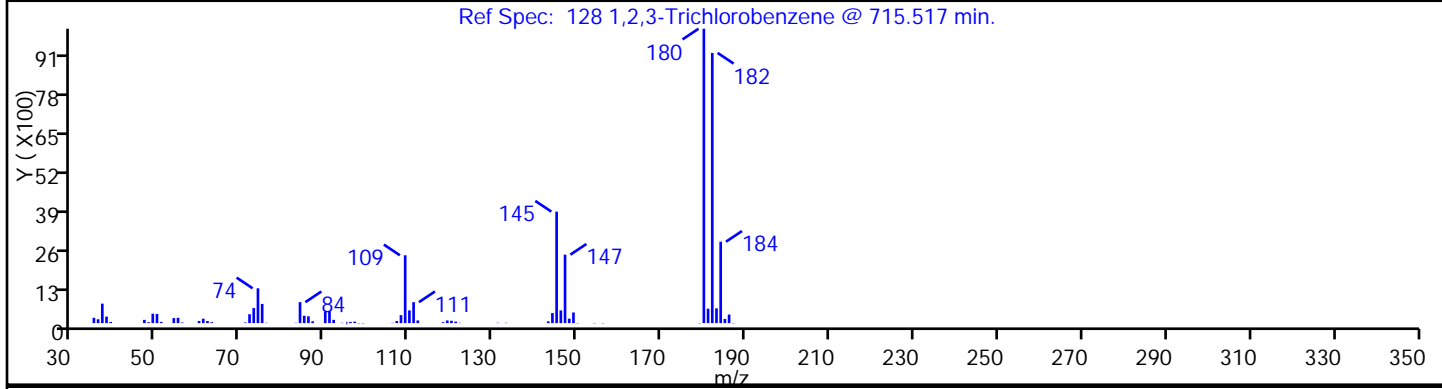
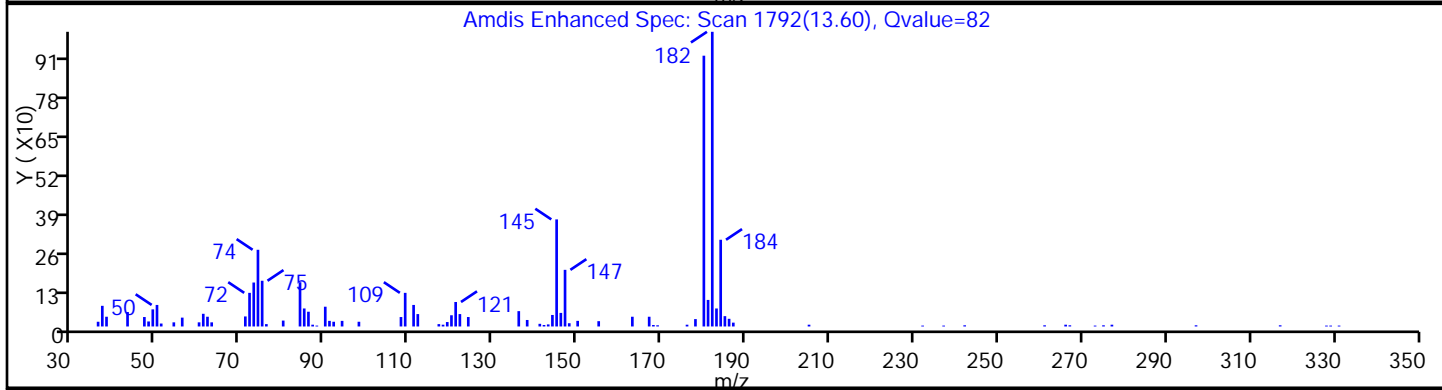
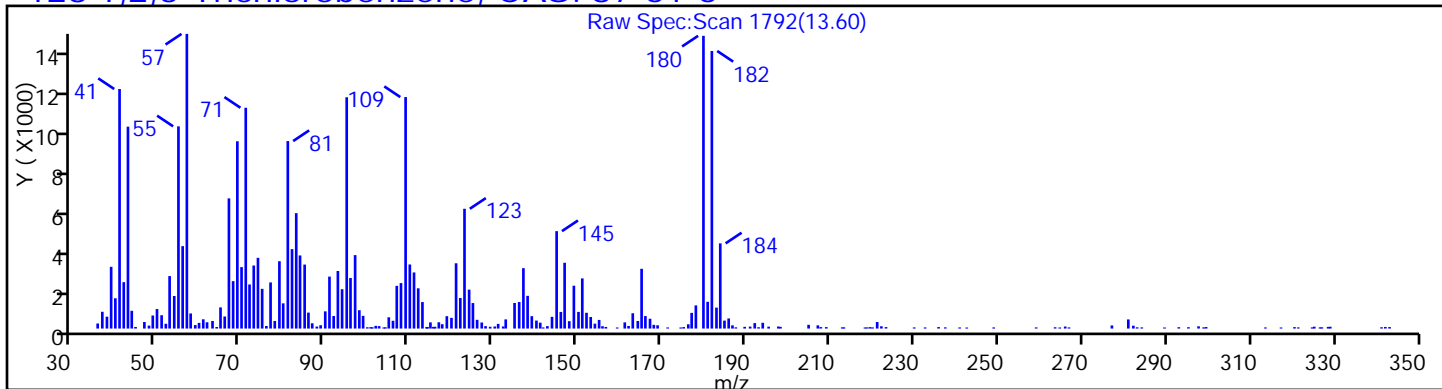
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

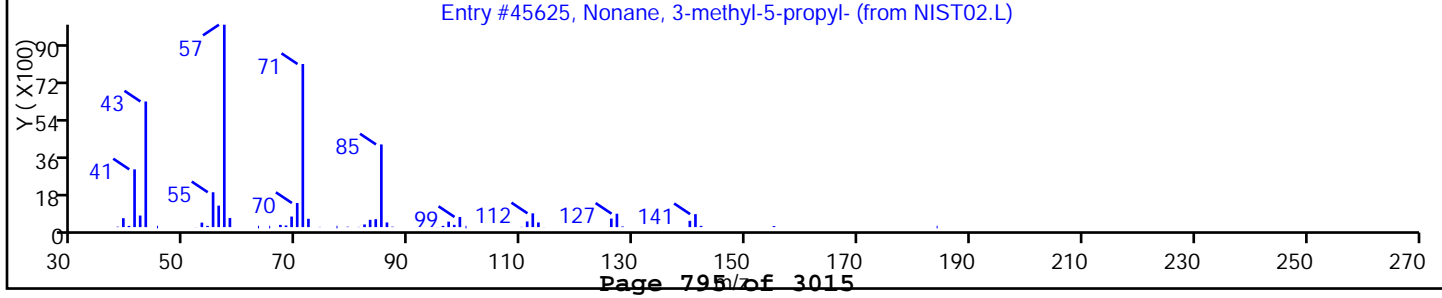
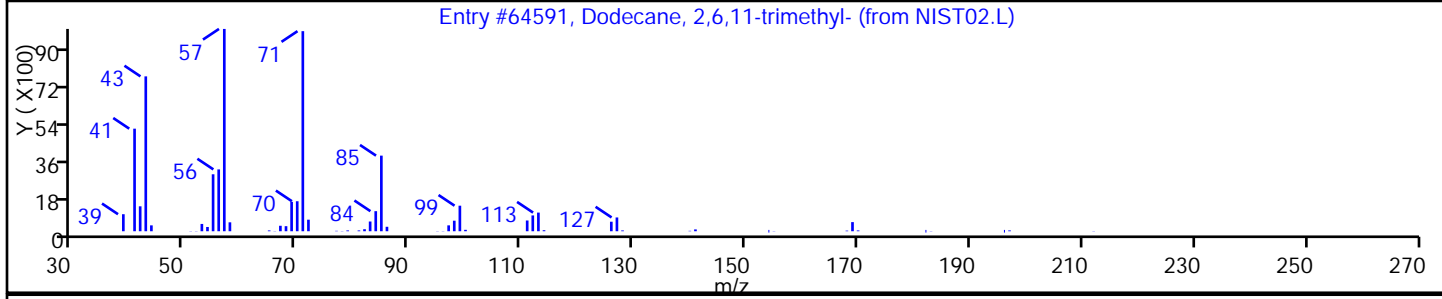
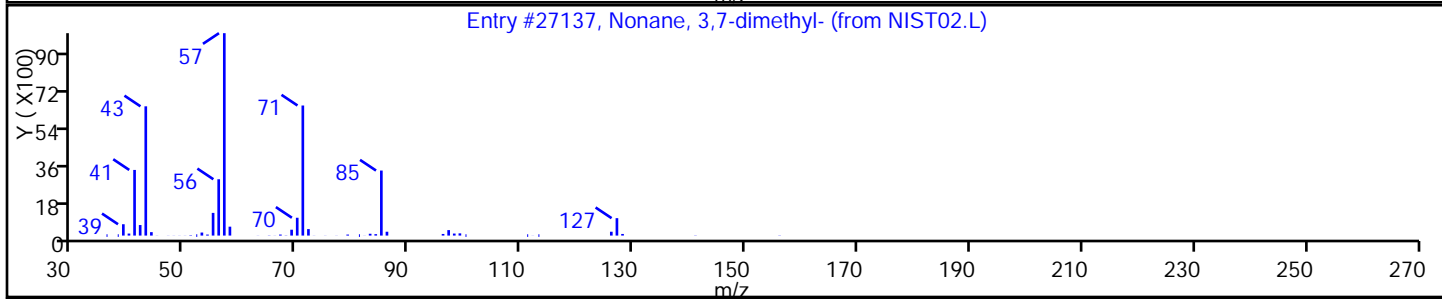
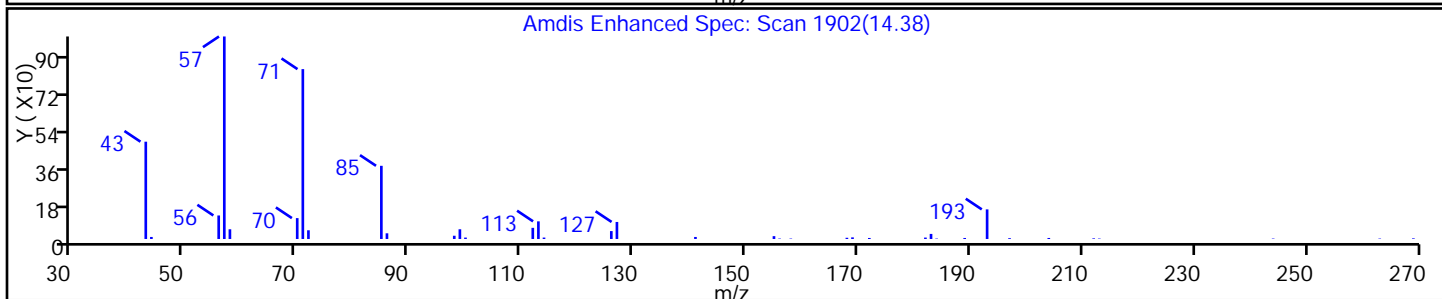
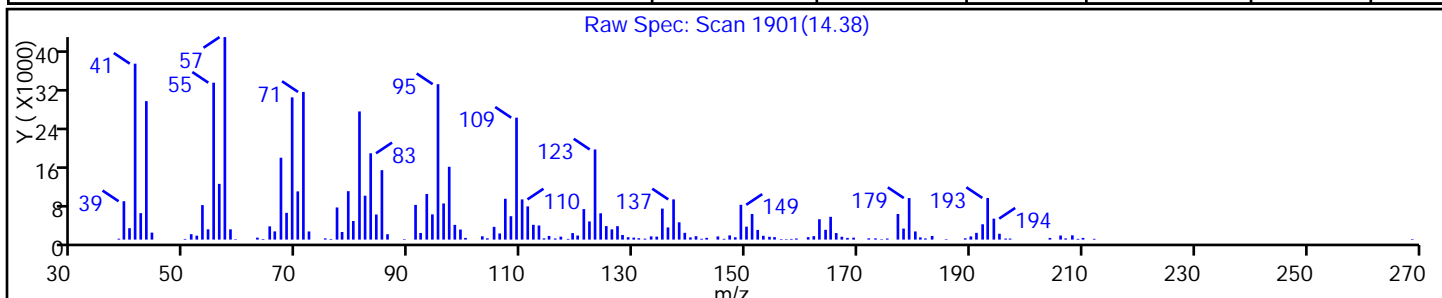
Method: 8260S_12

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	87
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	87
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.L	45625	C13H28	184	78



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

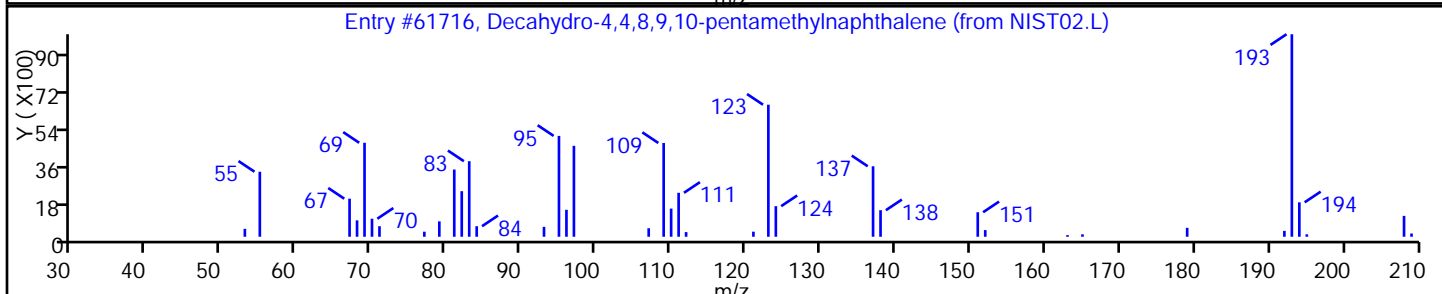
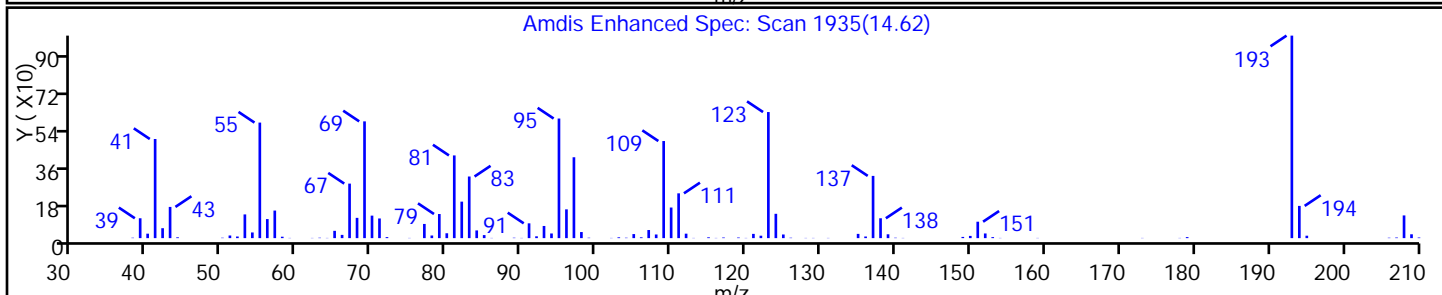
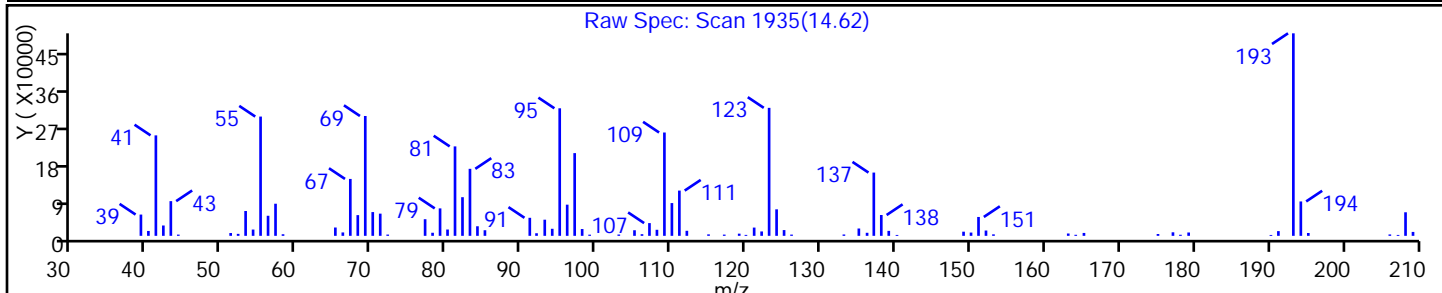
Method: 8260S_12

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	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28

Worklist Smp#: 28

Purge Vol: 5.000 mL

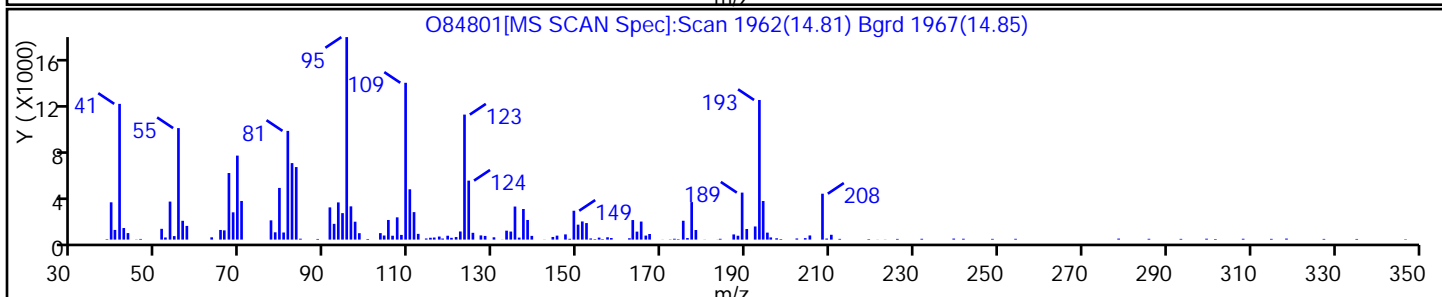
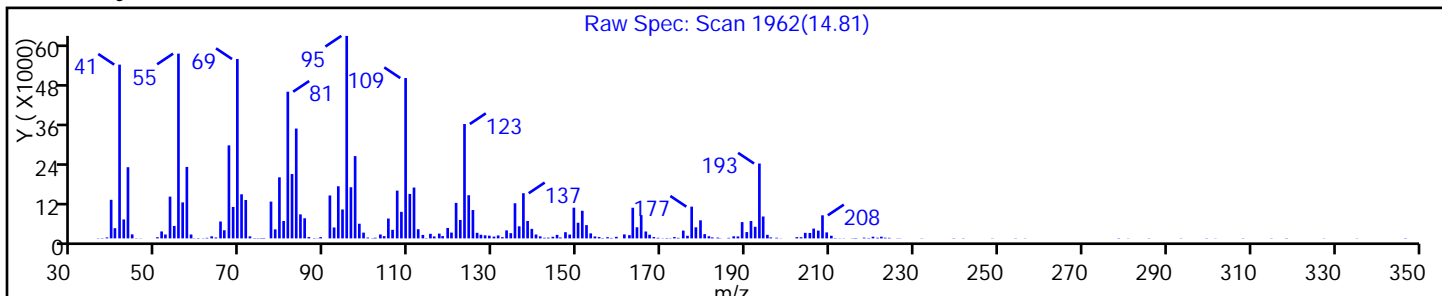
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

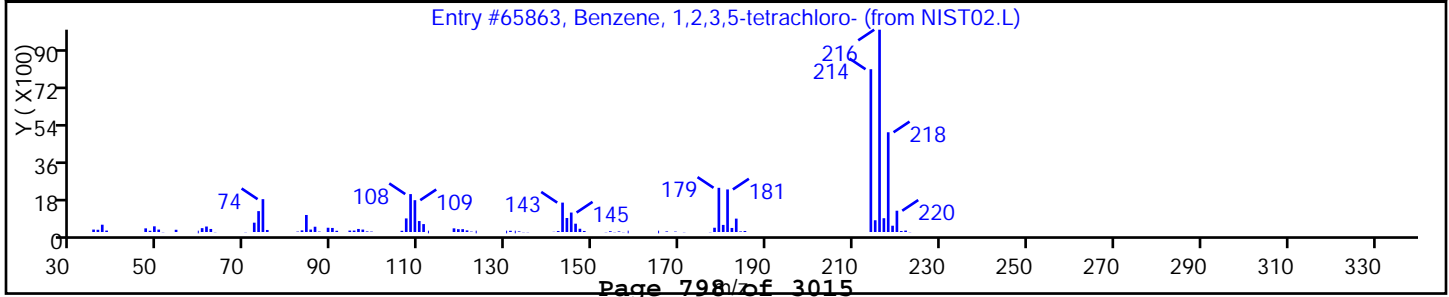
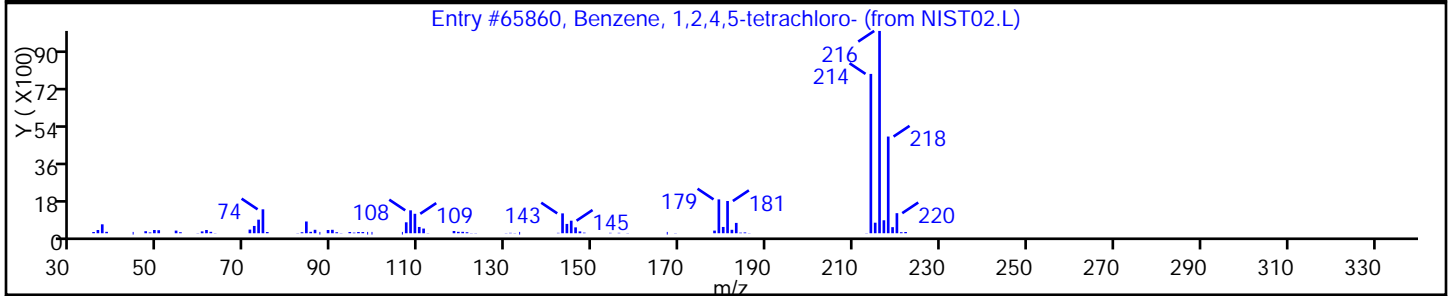
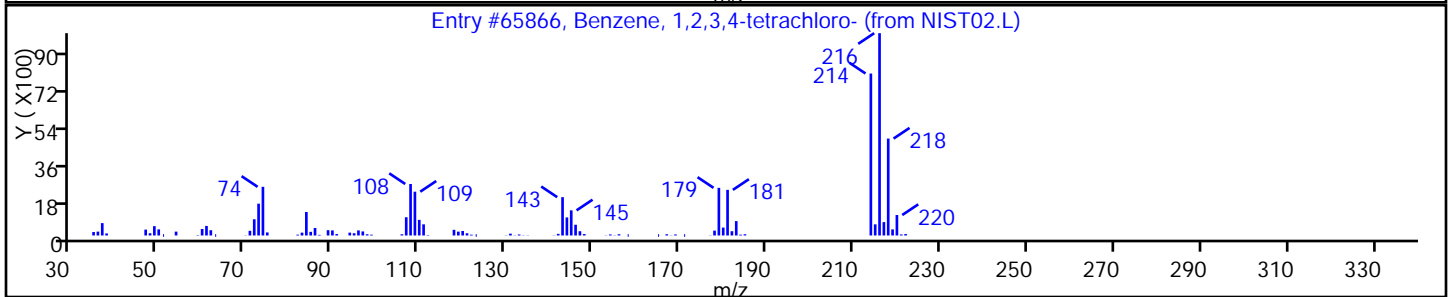
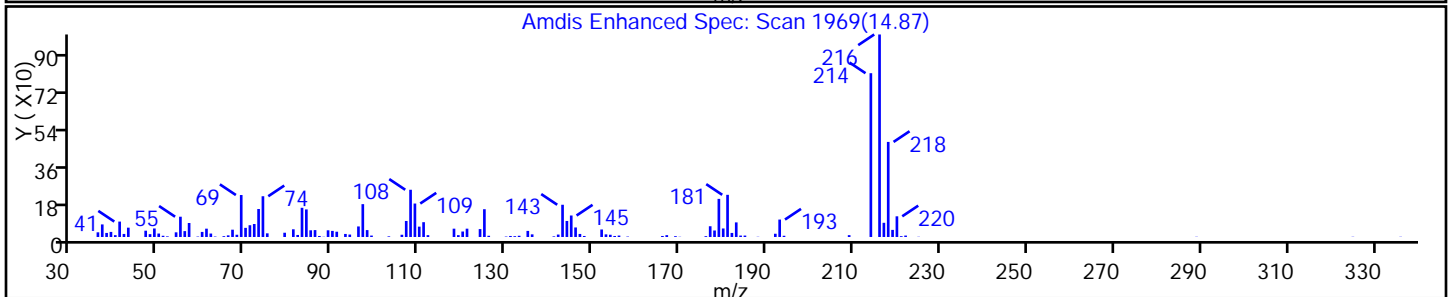
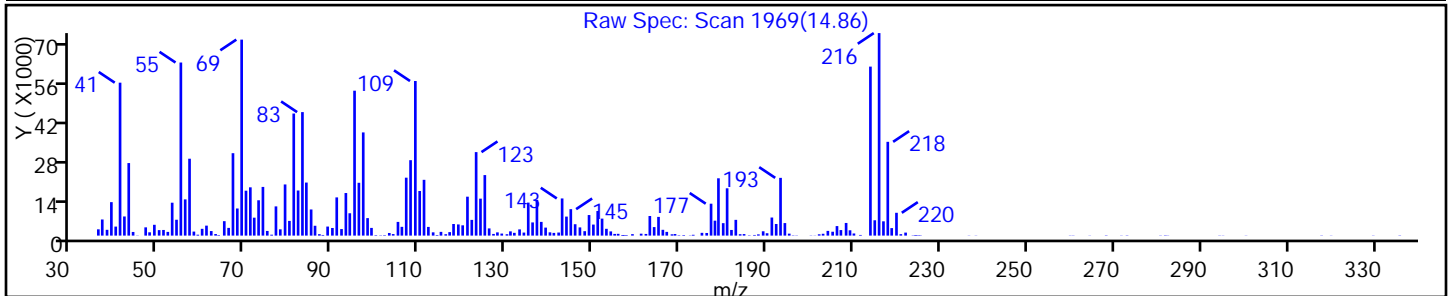
Method: 8260S_12

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	99
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65863	C6H2Cl4	214	99



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

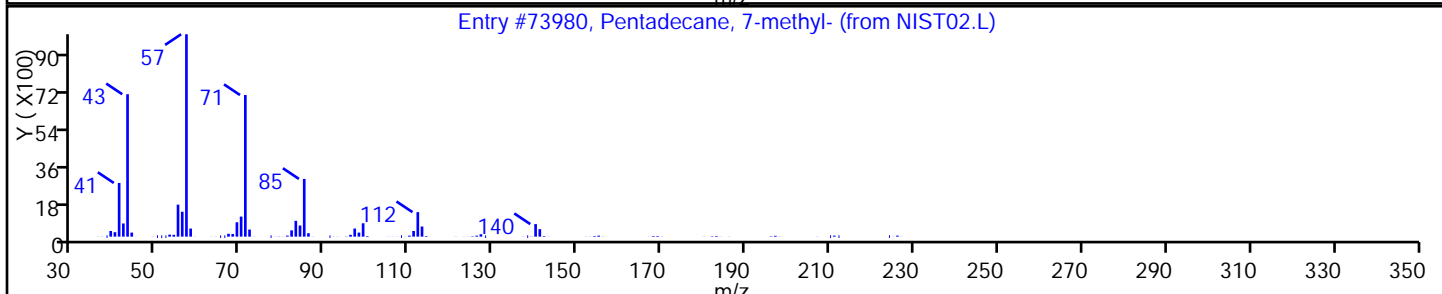
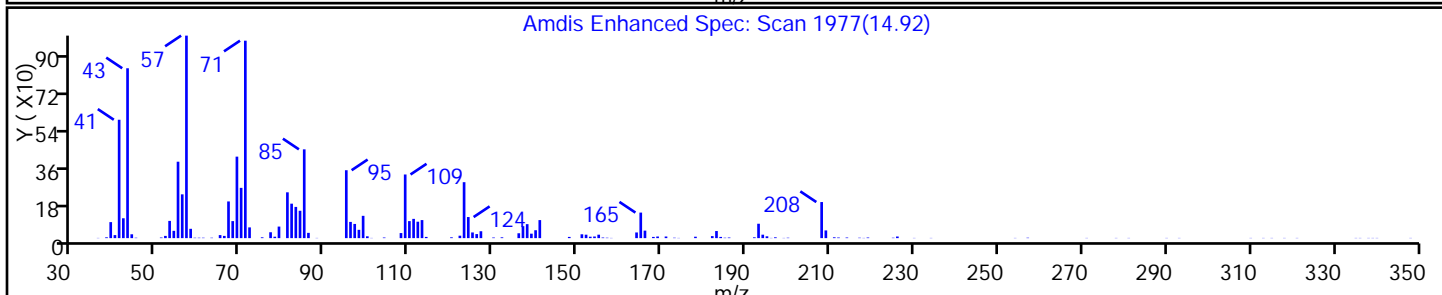
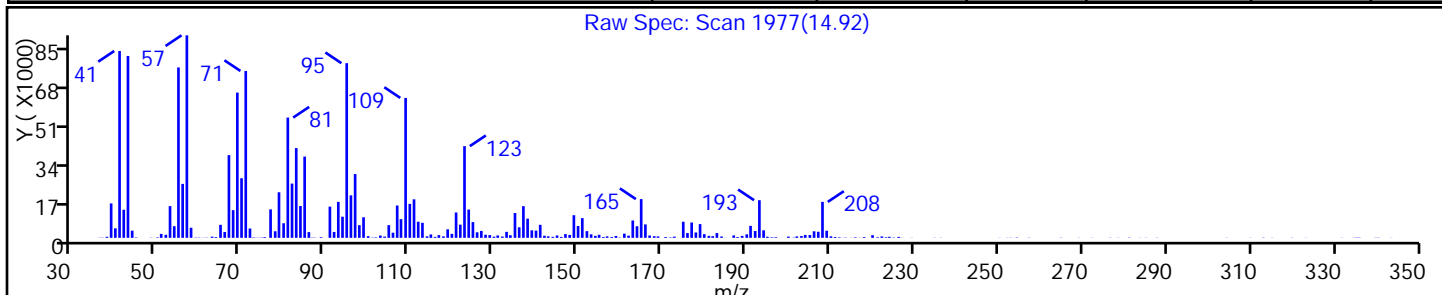
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	70



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

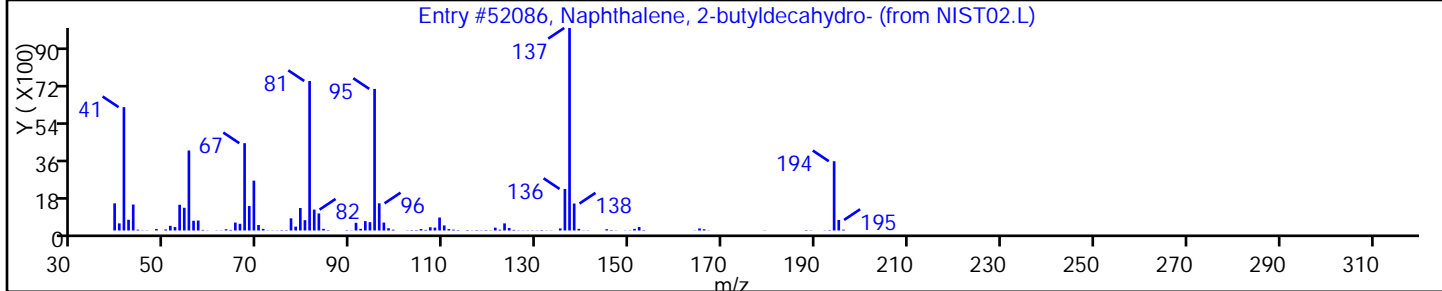
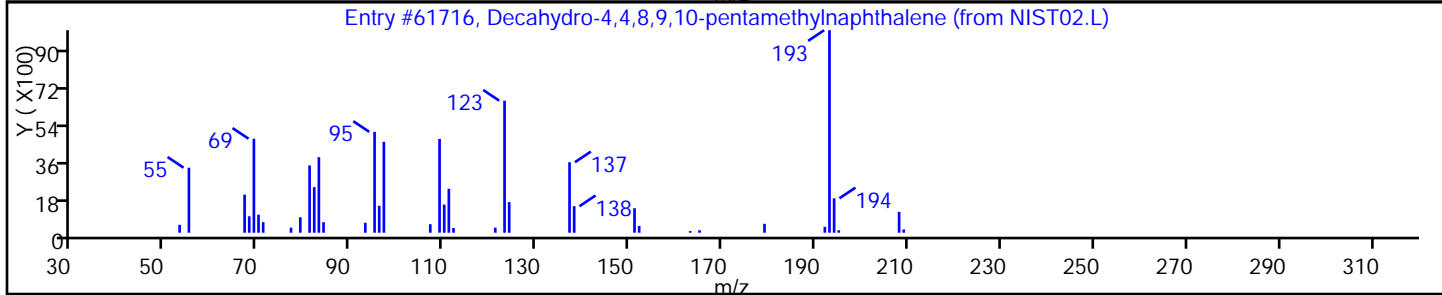
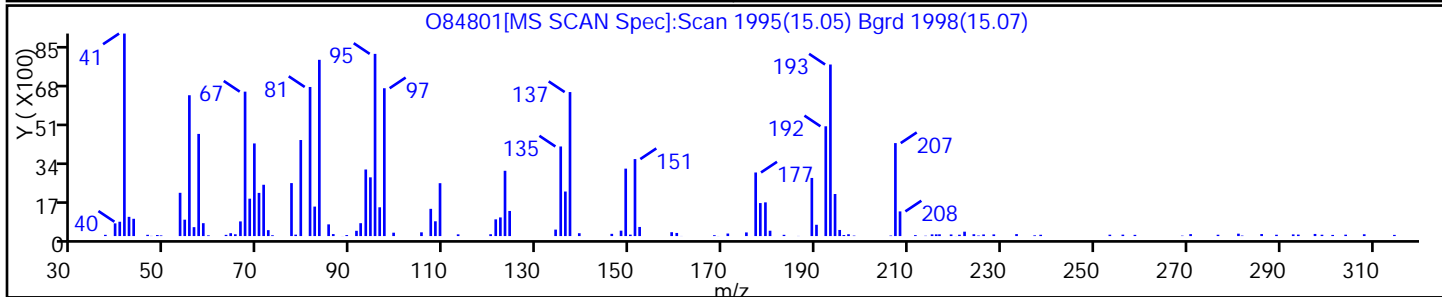
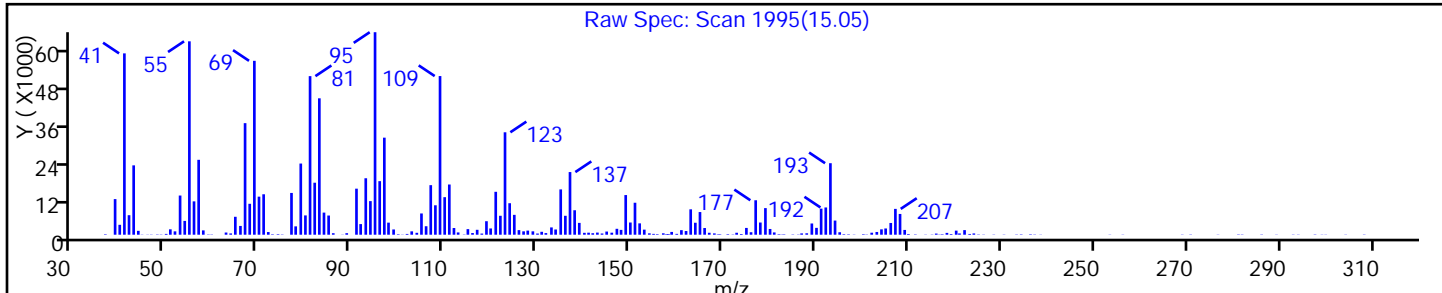
Method: 8260S_12

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	47
Naphthalene, 2-butyldecahydro-	6305-52-8	NIST02.L	52086	C14H26	194	42



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

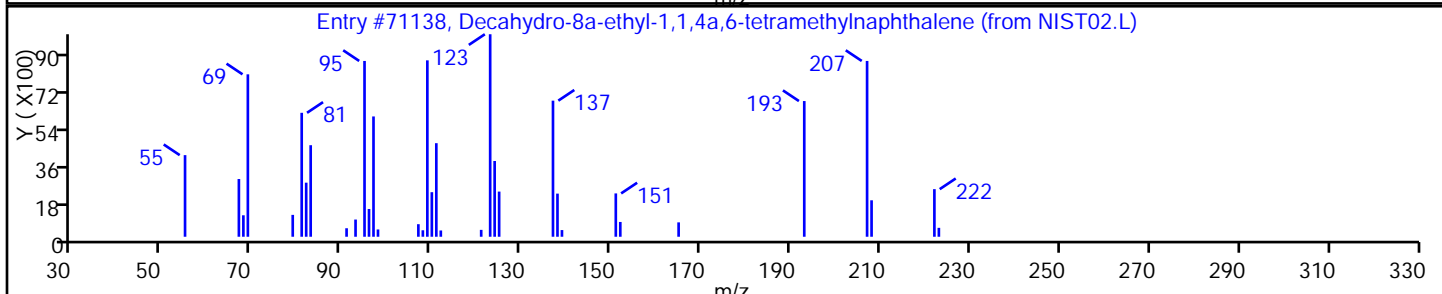
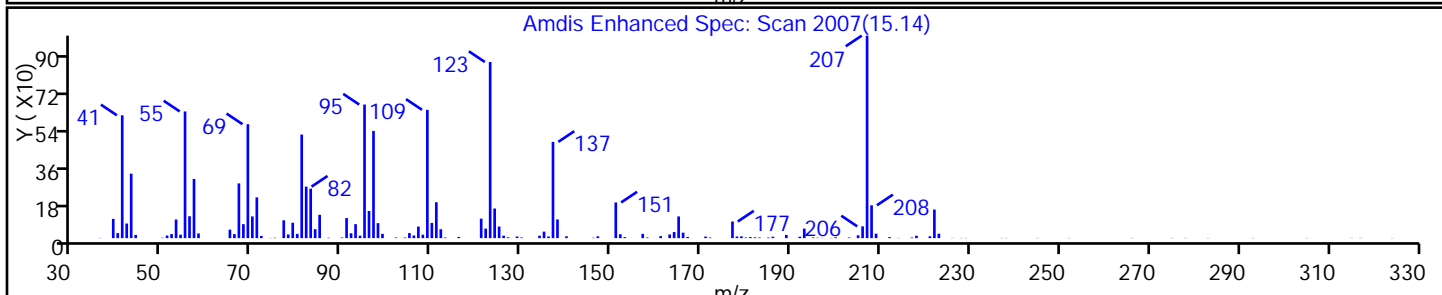
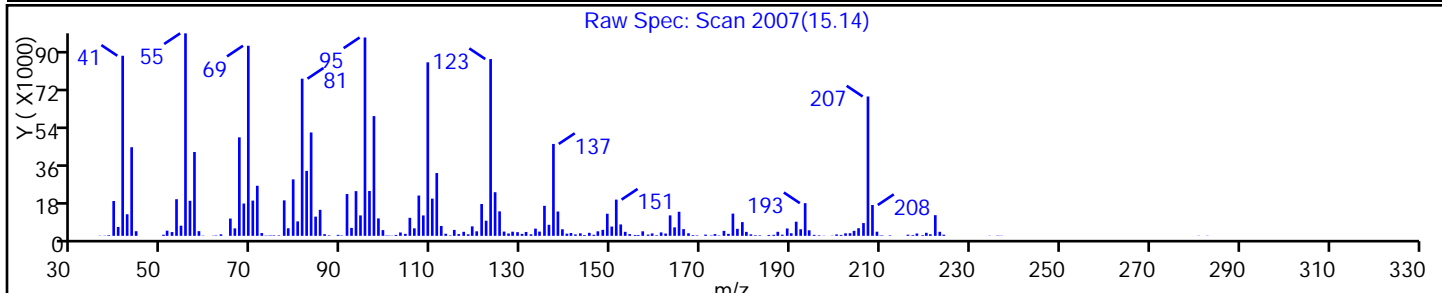
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

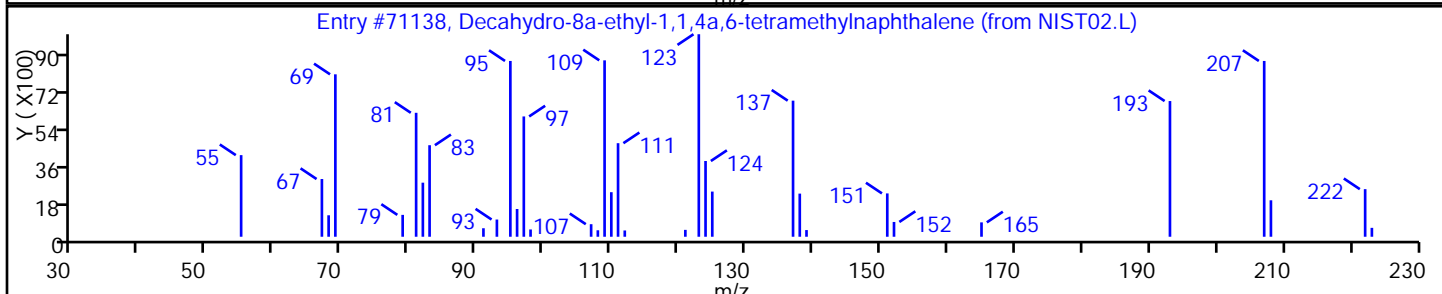
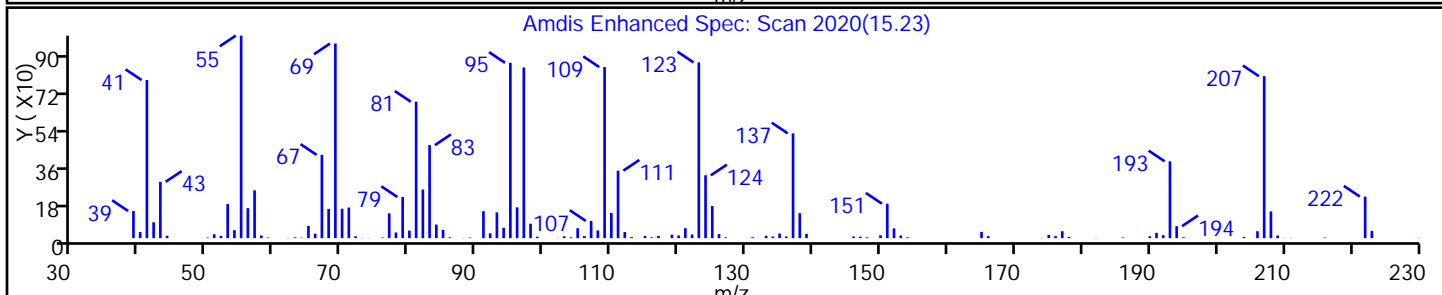
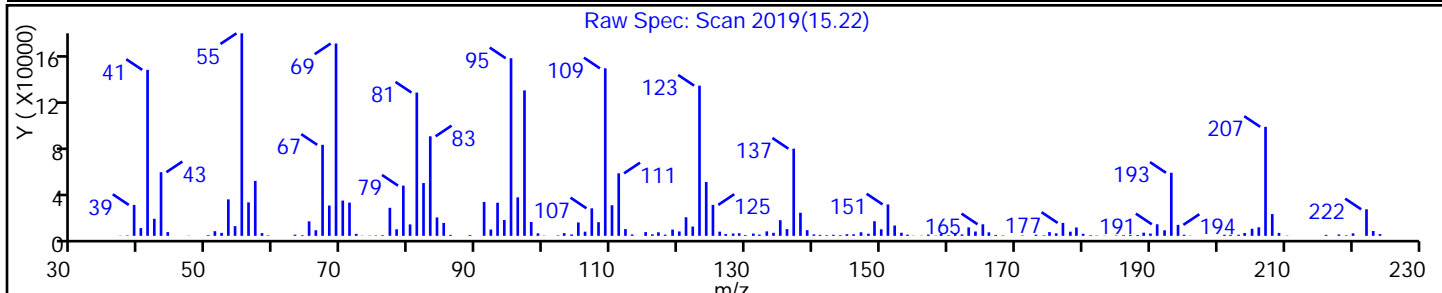
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23	NIST02.L	71138	C16H30	222	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D
Injection Date: 14-Mar-2014 16:24:30 Instrument ID: CVOAMS12
Lims ID: 460-72180-B-13-A Lab Sample ID: 460-72180-13
Client ID: PMP-19SW-VD
Operator ID: VOA GC/MS12 ALS Bottle#: 28 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 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	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

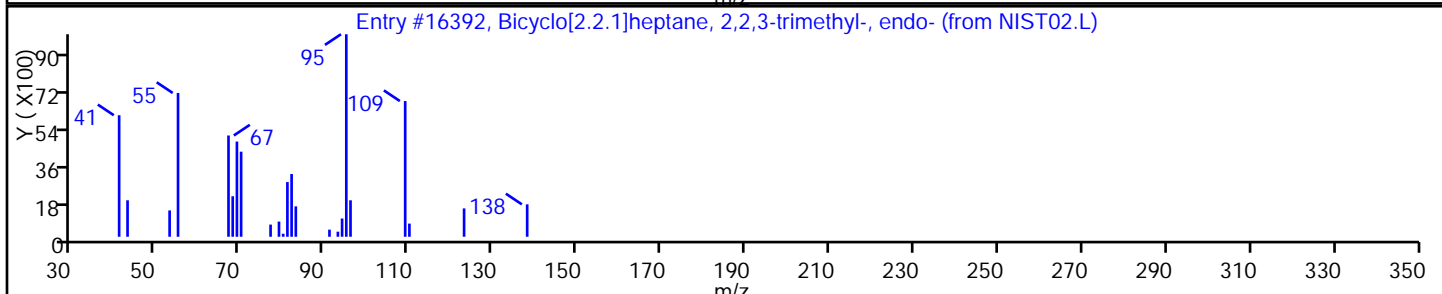
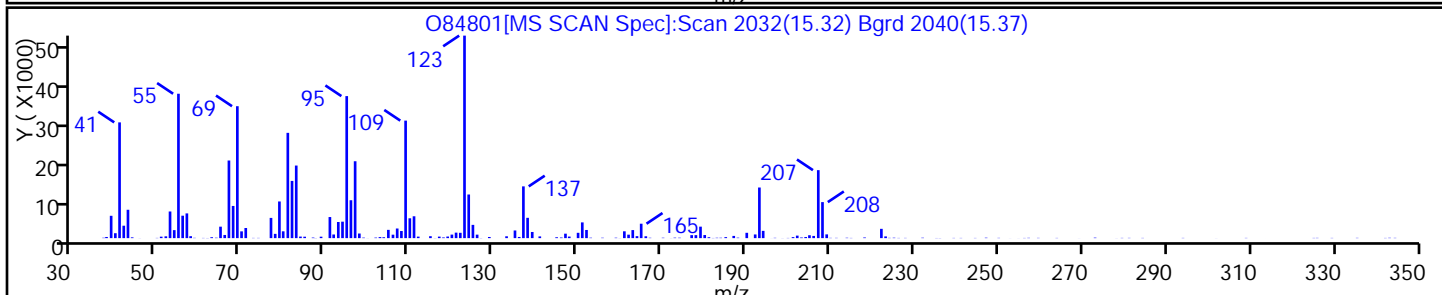
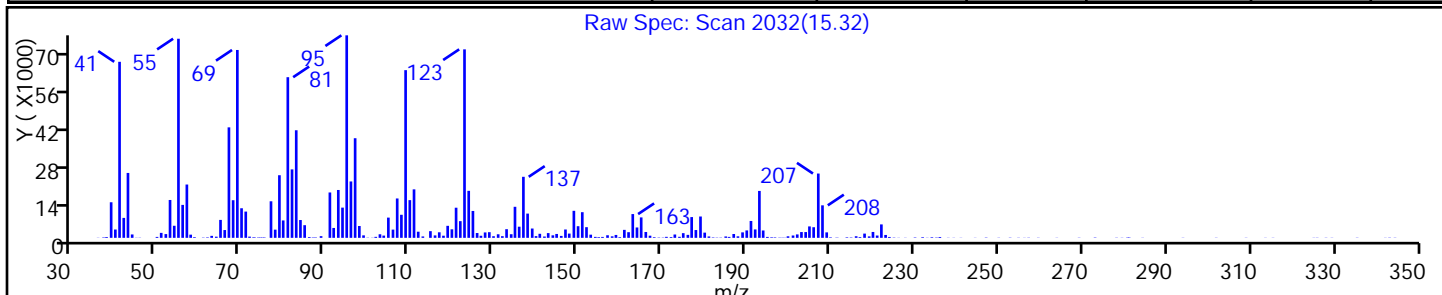
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Bicyclo[2.2.1]heptane, 2,2,3-trimethyl-,	20536-40-7	NIST02.L	16392	C10H18	138	42



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84801.D

Injection Date: 14-Mar-2014 16:24:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 28 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

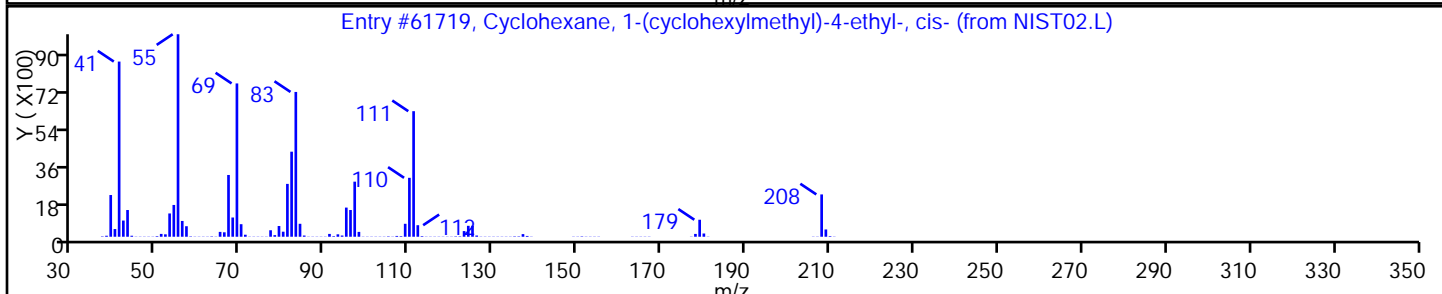
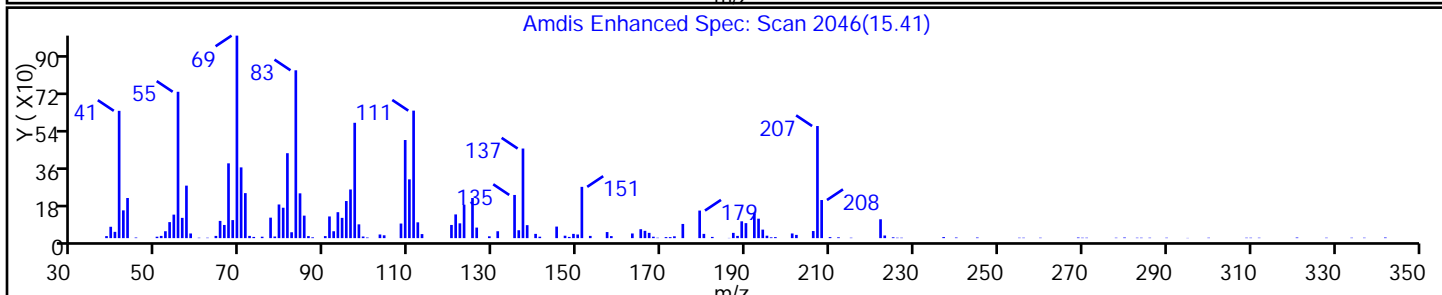
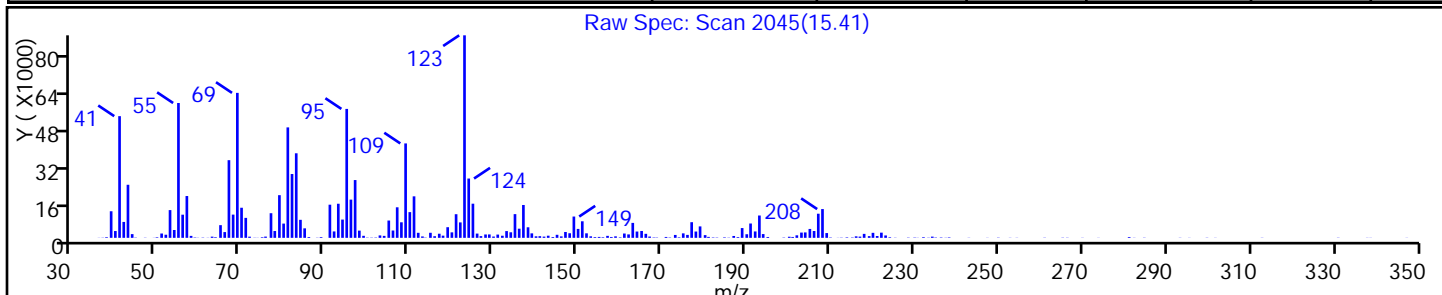
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1-(cyclohexylmethyl)-4-ethyl	54934-95-1	NIST02.L	61719	C15H28	208	78



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: J09982.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:05
 Sample wt/vol: 6.282(g) Date Analyzed: 03/14/2014 05:33
 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.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	8.8	U	91	8.8
74-83-9	Bromomethane	16	U	91	16
75-01-4	Vinyl chloride	13	U	91	13
75-00-3	Chloroethane	15	U	91	15
75-09-2	Methylene Chloride	17	U	91	17
67-64-1	Acetone	240	U	450	240
75-15-0	Carbon disulfide	11	U	91	11
75-69-4	Trichlorofluoromethane	13	U	91	13
75-35-4	1,1-Dichloroethene	8.0	U	91	8.0
75-34-3	1,1-Dichloroethane	12	U	91	12
156-60-5	trans-1,2-Dichloroethene	12	U	91	12
156-59-2	cis-1,2-Dichloroethene	16	U	91	16
67-66-3	Chloroform	27	J	91	7.1
78-93-3	2-Butanone	210	U	450	210
107-06-2	1,2-Dichloroethane	17	U	91	17
71-55-6	1,1,1-Trichloroethane	5.7	U	91	5.7
56-23-5	Carbon tetrachloride	5.2	U	91	5.2
71-43-2	Benzene	7.5	U	91	7.5
75-25-2	Bromoform	17	U	91	17
100-42-5	Styrene	11	U	91	11
100-41-4	Ethylbenzene	8.7	U	91	8.7
108-90-7	Chlorobenzene	10	U	91	10
110-82-7	Cyclohexane	14	U	91	14
98-82-8	Isopropylbenzene	7.0	U	91	7.0
591-78-6	2-Hexanone	45	U *	450	45
1634-04-4	MTBE	13	U	91	13
76-13-1	Freon TF	7.5	U	91	7.5
79-20-9	Methyl acetate	31	U	450	31
123-91-1	1,4-Dioxane	3300	U	4500	3300
79-01-6	Trichloroethene	8.4	U	91	8.4
108-88-3	Toluene	14	U	91	14
10061-02-6	trans-1,3-Dichloropropene	22	U	91	22
108-10-1	4-Methyl-2-pentanone	90	U	450	90
10061-01-5	cis-1,3-Dichloropropene	17	U	91	17
95-50-1	1,2-Dichlorobenzene	19	U	91	19
541-73-1	1,3-Dichlorobenzene	12	U	91	12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: J09982.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:05
 Sample wt/vol: 6.282(g) Date Analyzed: 03/14/2014 05:33
 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.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	150		91	21
120-82-1	1,2,4-Trichlorobenzene	190		91	31
87-61-6	1,2,3-Trichlorobenzene	47	U	91	47
78-87-5	1,2-Dichloropropane	7.8	U	91	7.8
108-87-2	Methylcyclohexane	12	U	91	12
127-18-4	Tetrachloroethene	8.8	U	91	8.8
1330-20-7	Xylenes, Total	99	J	180	33
96-12-8	1,2-Dibromo-3-Chloropropane	36	U	91	36
79-34-5	1,1,2,2-Tetrachloroethane	14	U	91	14
79-00-5	1,1,2-Trichloroethane	17	U	91	17
124-48-1	Dibromochloromethane	18	U	91	18
106-93-4	1,2-Dibromoethane	25	U	91	25
75-71-8	Dichlorodifluoromethane	20	U	91	20
74-97-5	Bromochloromethane	25	U	91	25
75-27-4	Bromodichloromethane	11	U	91	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
2037-26-5	Toluene-d8 (Surr)	89		59-150
460-00-4	Bromofluorobenzene	89		72-133
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: J09982.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:05
 Sample wt/vol: 6.282(g) Date Analyzed: 03/14/2014 05:33
 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.: 212509 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 38000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.16	2900	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.48	3300	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.66	2800	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	11.92	5400	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.13	3500	J N
1000217-00-2	1,2-Bis[methyl(trimethylene)silyloxy]pro	12.68	2900	J N
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl	12.72	3700	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.85	5200	J N
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl	12.97	4300	J N
4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	13.10	4000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D
 Lims ID: 460-72180-C-14-A Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 05:33:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-14-A
 Misc. Info.: 460-0010838-021
 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 08:19:29 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 08:19:29

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.197	3.176	0.021	64	419681	1000.0	
47 Chloroform	83	4.572	4.574	-0.002	63	2113	0.2996	
\$ 152 Dibromofluoromethane (Surr)	113	4.725	4.727	-0.002	93	196552	44.1	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.080	0.003	96	272695	44.8	
* 59 Fluorobenzene	96	5.353	5.356	-0.003	97	810797	50.0	
* 150 1,4-Dioxane-d8	96	6.064	6.055	0.009	88	55426	1000.0	
\$ 76 Toluene-d8 (Surr)	98	7.028	7.024	0.004	99	759911	44.6	
* 87 Chlorobenzene-d5	117	8.814	8.816	-0.002	86	694388	50.0	
92 o-Xylene	106	9.554	9.557	-0.003	77	7305	1.09	
\$ 99 4-Bromofluorobenzene	174	10.083	10.085	-0.002	90	264600	44.5	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.961	-0.002	90	409197	50.0	
117 1,4-Dichlorobenzene	146	10.976	10.973	0.003	38	14660	1.63	
124 1,2,4-Trichlorobenzene	180	12.192	12.195	-0.003	1	11697	2.10	
S 131 Xylenes, Total	100				0		1.09	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D
 Lims ID: 460-72180-C-14-A Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 05:33:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-14-A
 Misc. Info.: 460-0010838-021
 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 08:19:29 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 08:19:29

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
11.158	1758-88-9 1678155	Benzene, 2-ethyl-1,4-dimethyl- 32.3	116	95	14365	C10H14	134	
11.476	1595-16-0 1875384	Benzene, 1-methyl-4-(1-methylpropyl)- 36.1	116	49	21844	C11H16	148	
11.664	95-93-2 1620568	Benzene, 1,2,4,5-tetramethyl- 31.2	116	94	14361	C10H14	134	
11.916	488-23-3 3099431	Benzene, 1,2,3,4-tetramethyl- 59.7	116	87	14358	C10H14	134	
12.134	2050-24-0 2012873	Benzene, 1,3-diethyl-5-methyl- 38.8	116	50	21819	C11H16	148	
12.680	1000217-00-2 1653525	1,2-Bis[methyl(trimethylene)silyloxy]pro 31.9	116	40	84437	C11H24O2Si2	244	
12.721	2809-64-5 2100588	Naphthalene, 1,2,3,4-tetrahydro-5-methyl 40.5	116	87	20769	C11H14	146	
12.845	2613-76-5 2943534	1H-Indene, 2,3-dihydro-1,1,3-trimethyl- 56.7	116	93	29424	C12H16	160	
12.974	1680-51-9 2430688	Naphthalene, 1,2,3,4-tetrahydro-6-methyl 46.8	116	78	20765	C11H14	146	
13.097	4175-54-6 2277043	Naphthalene, 1,2,3,4-tetrahydro-1,4-dime 43.9	116	90	29460	C12H16	160	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.959	2594723	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Worklist Smp#: 21

Client ID: PMP-19SW-WT

Purge Vol: 5.000 mL

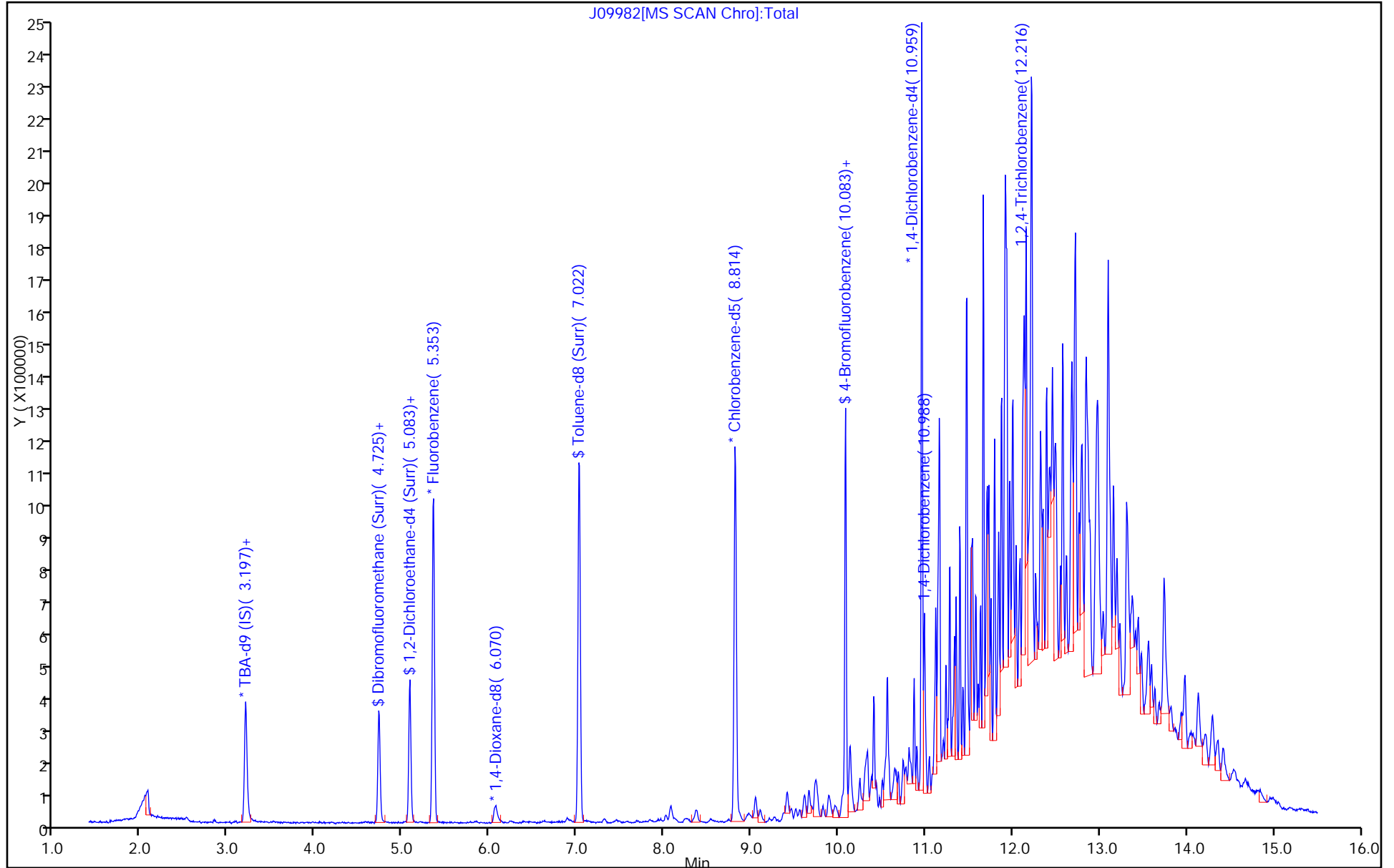
Dil. Factor: 50.0000

ALS Bottle#: 20

Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

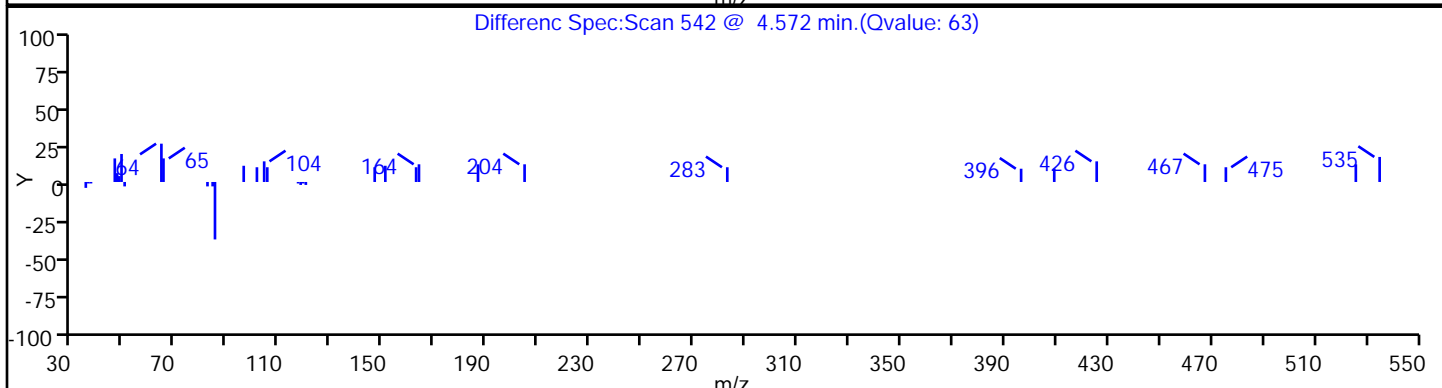
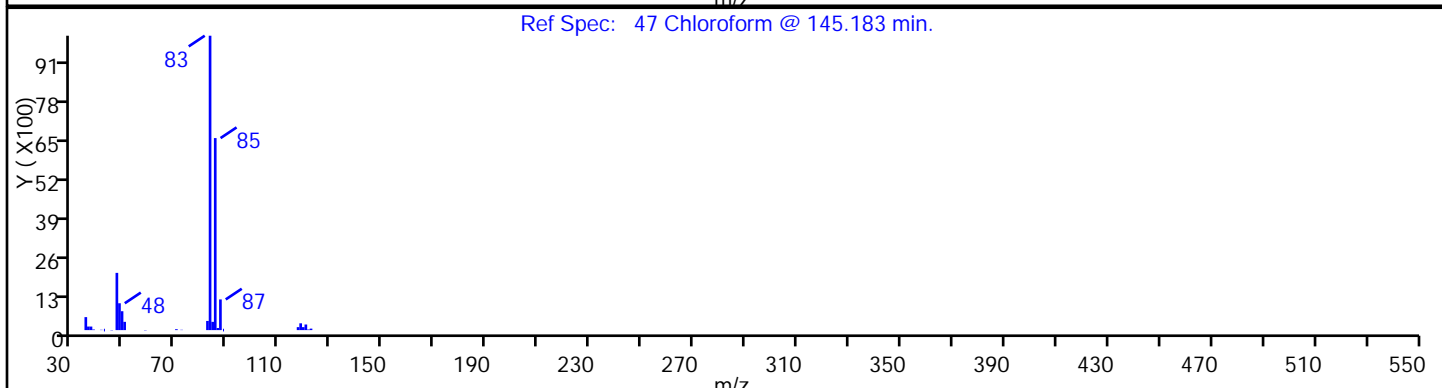
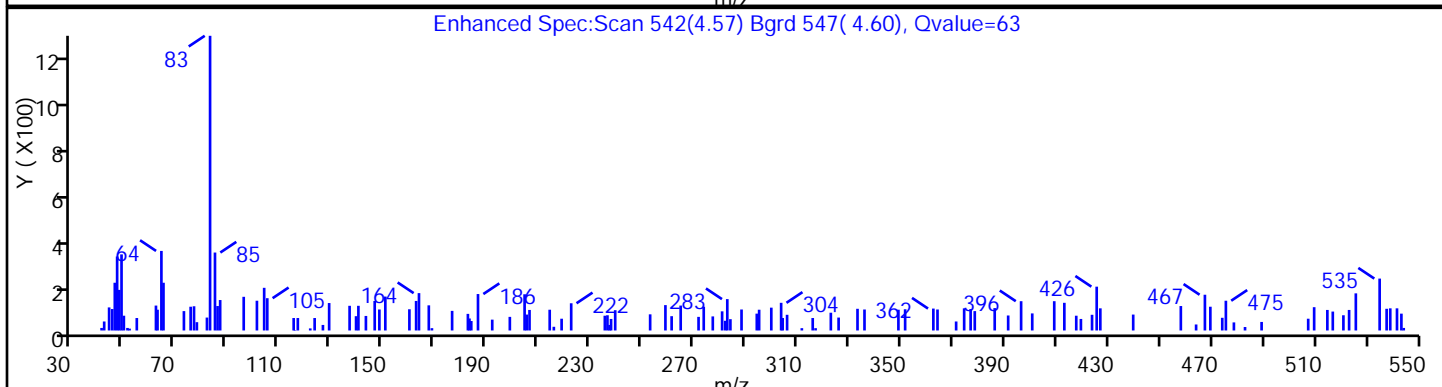
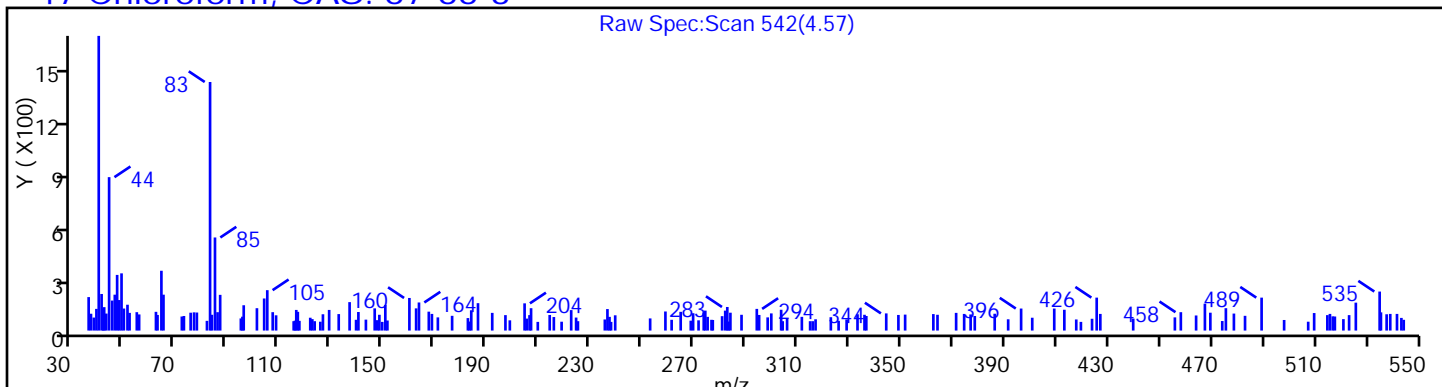
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

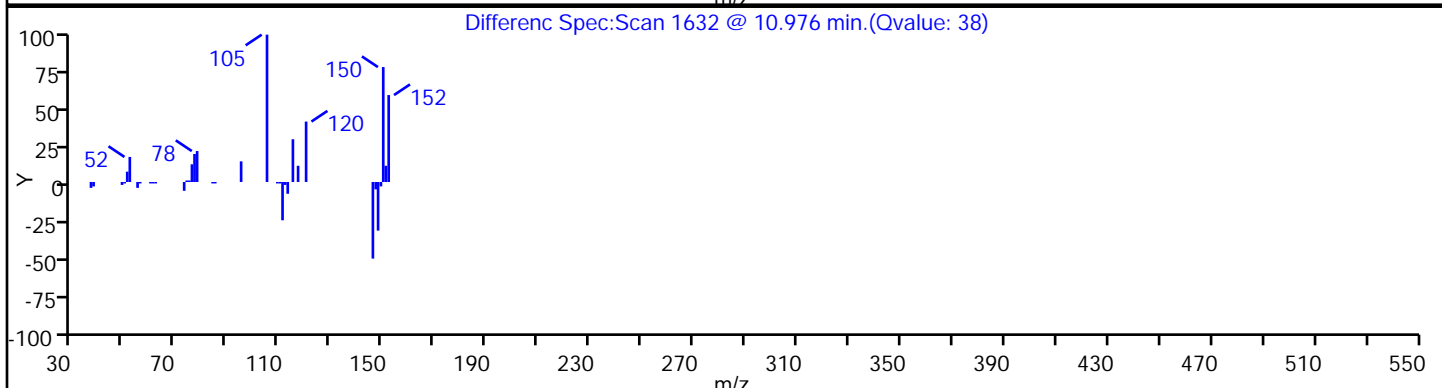
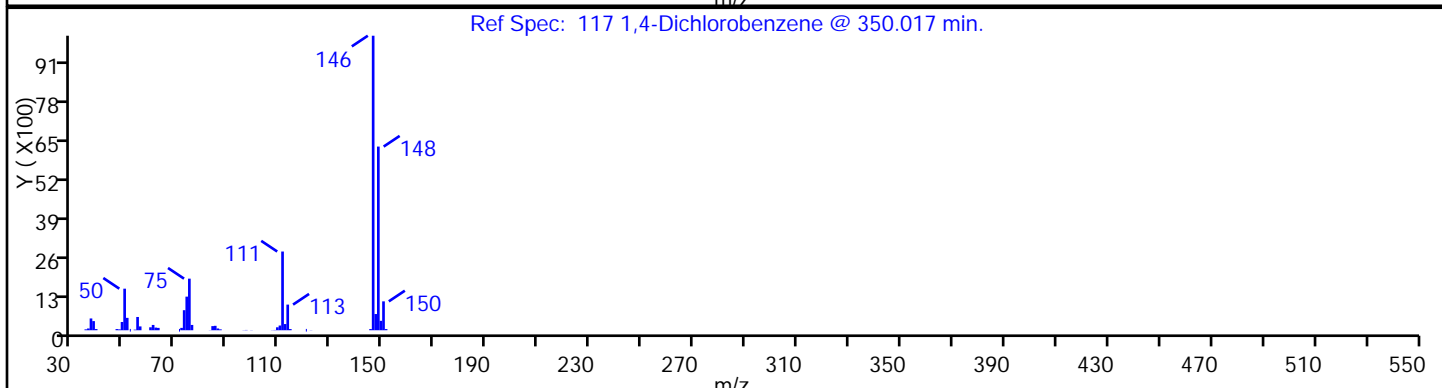
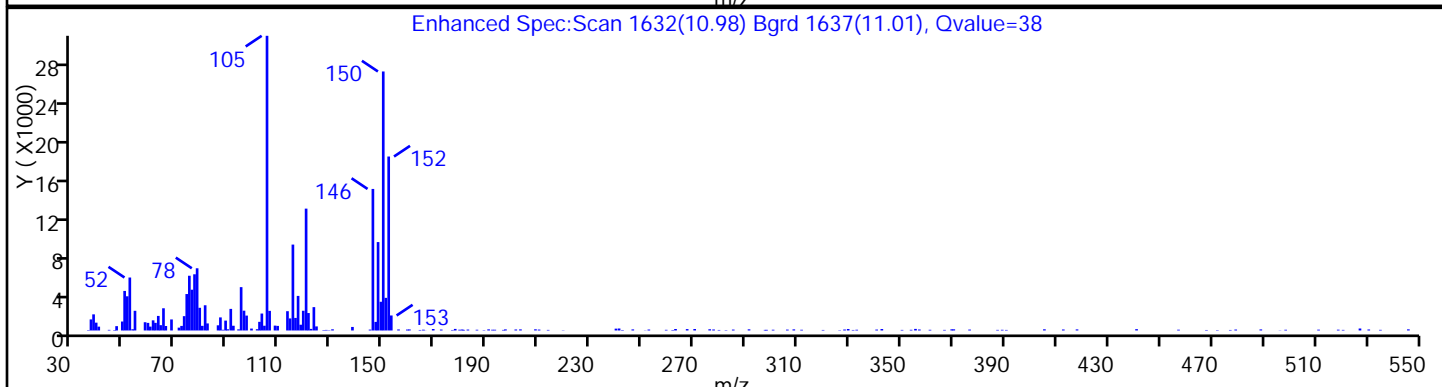
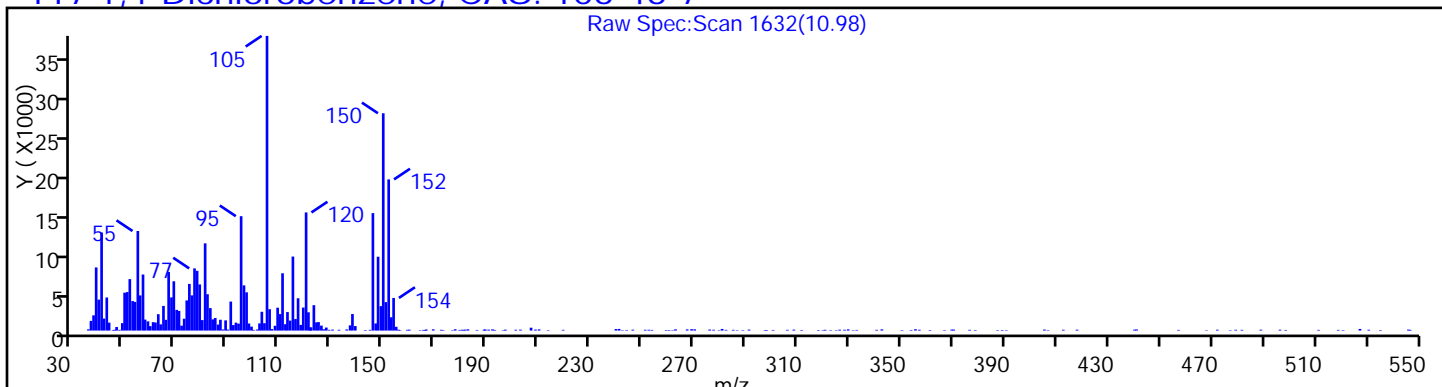
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

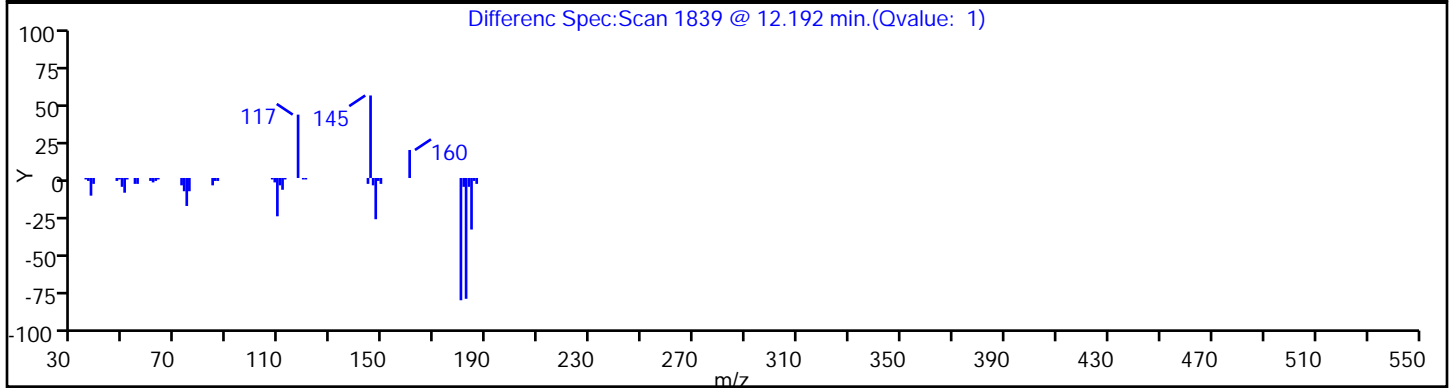
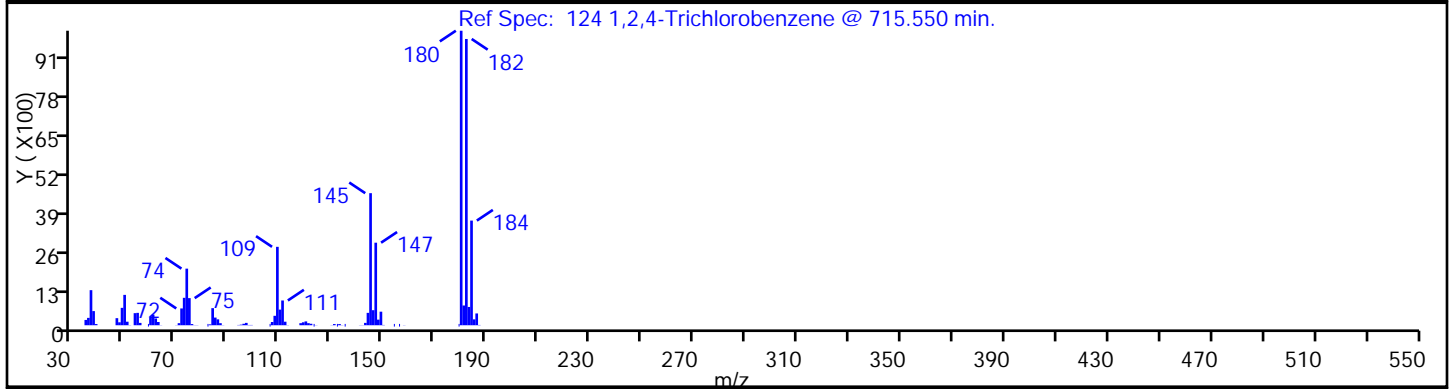
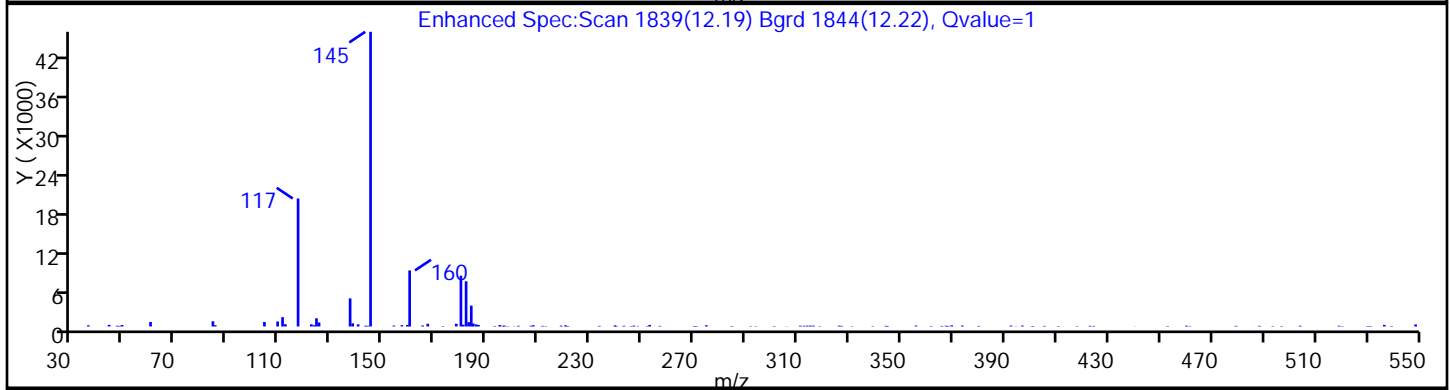
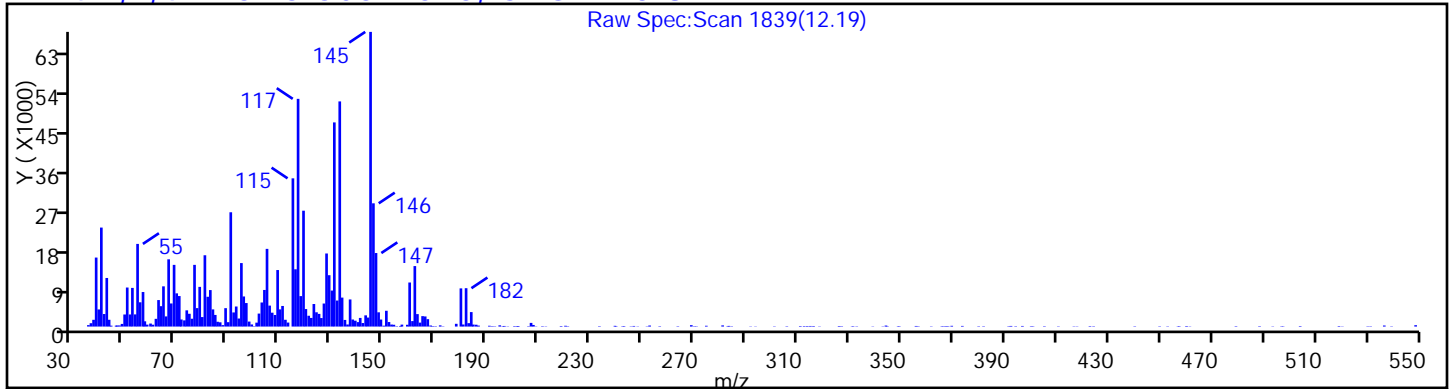
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

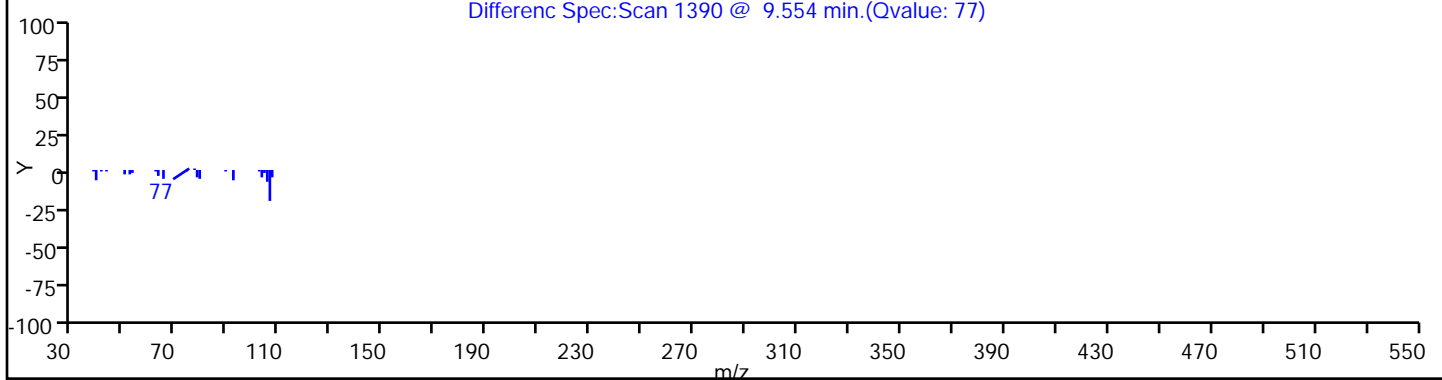
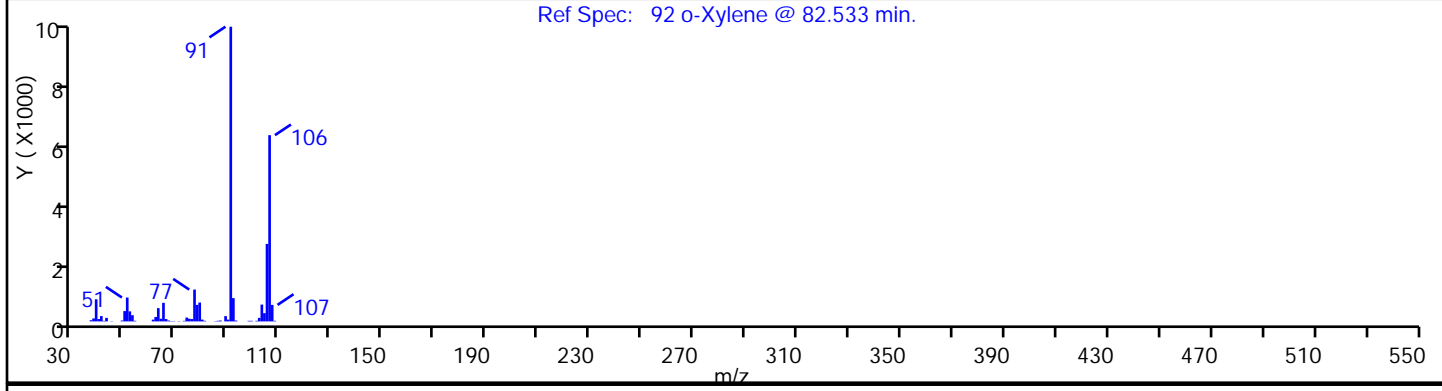
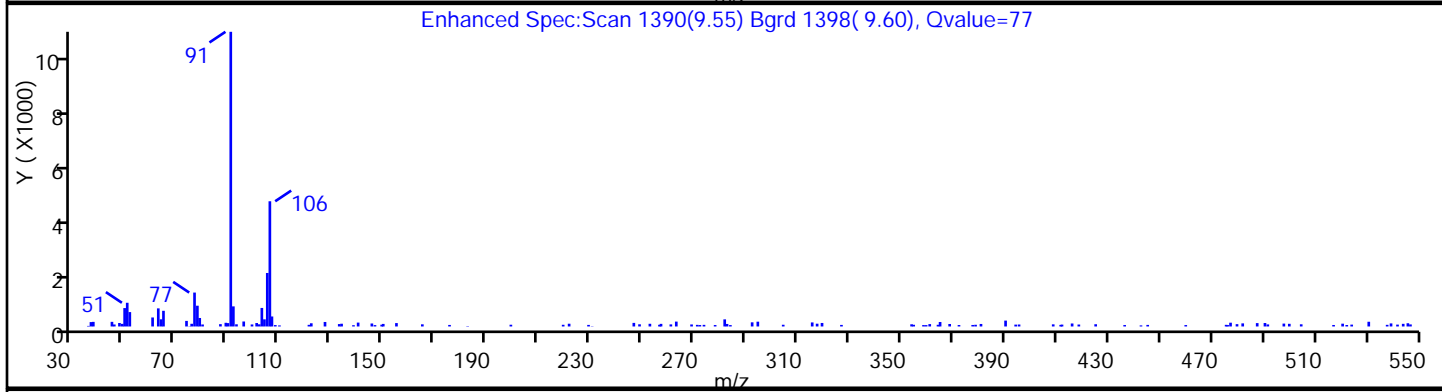
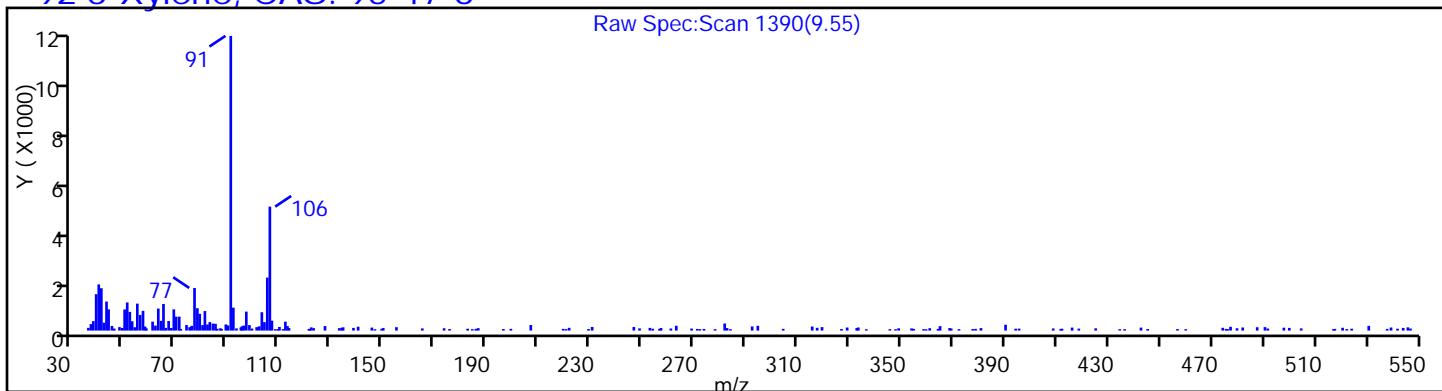
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

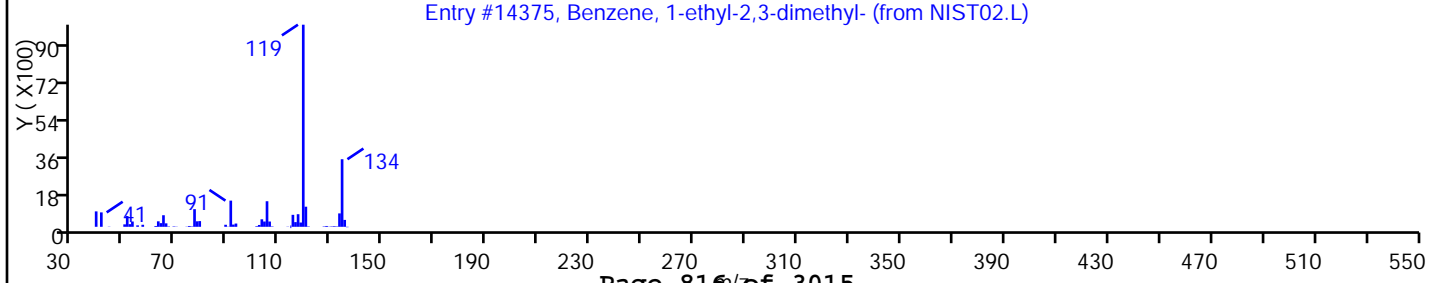
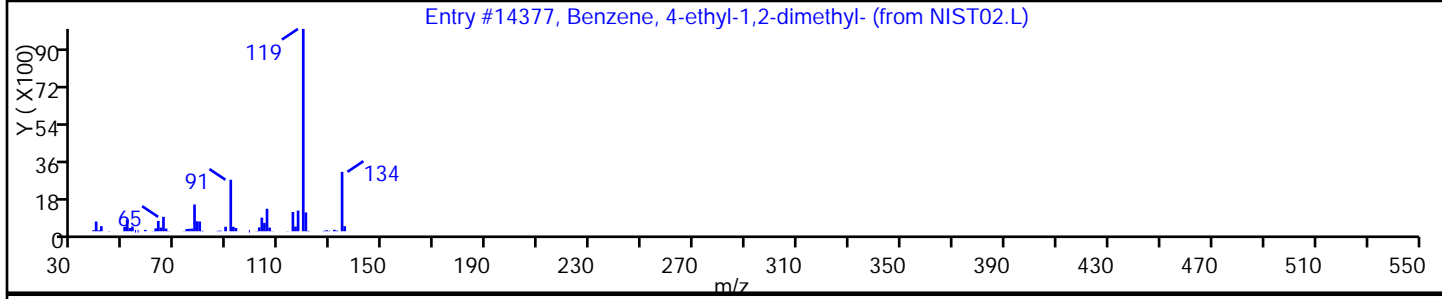
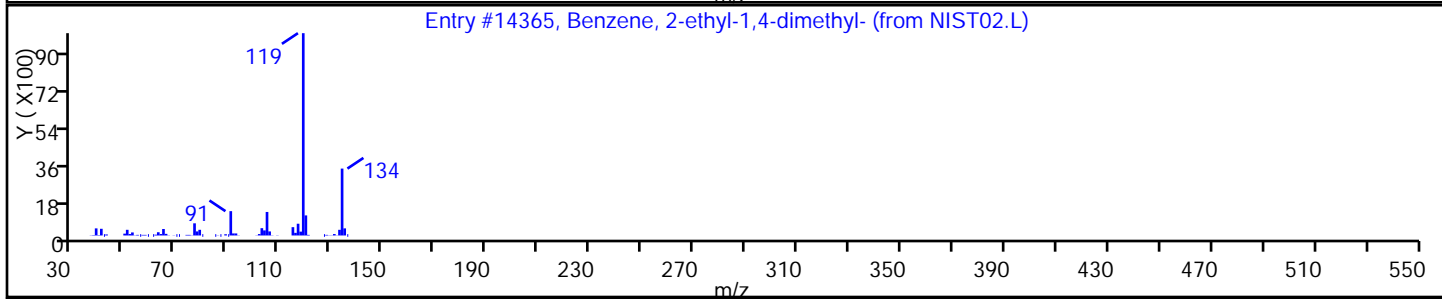
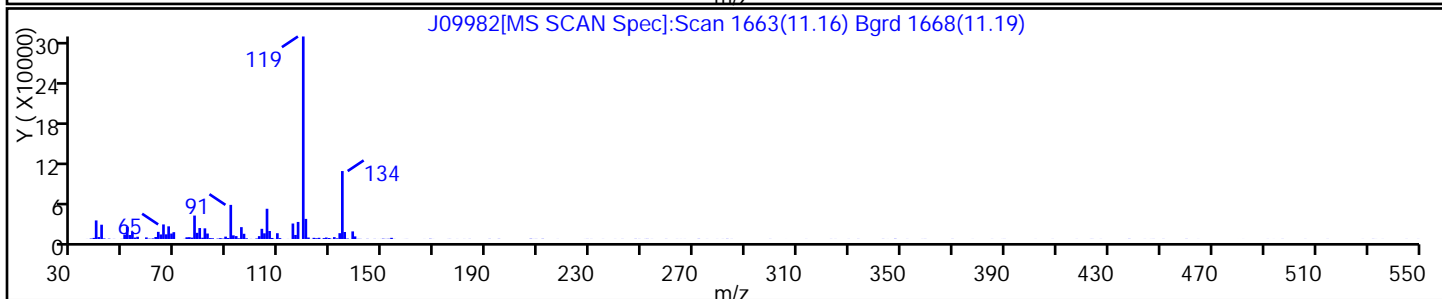
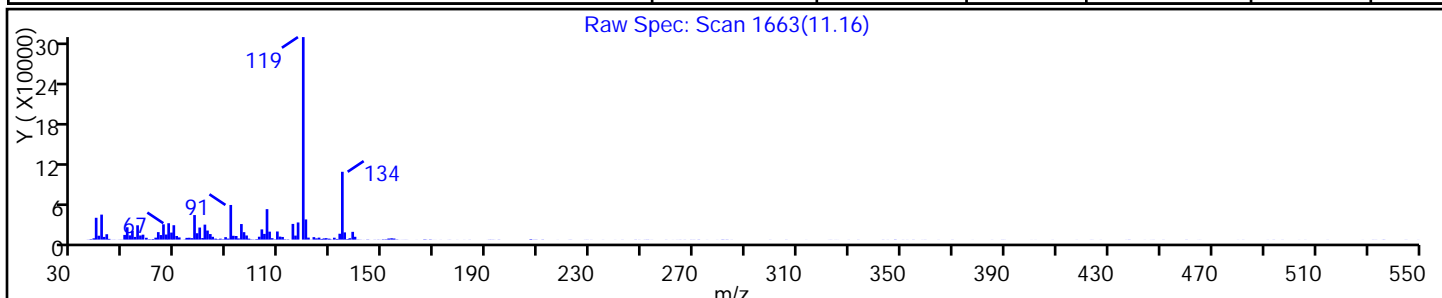
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14365	C10H14	134	95
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	14375	C10H14	134	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

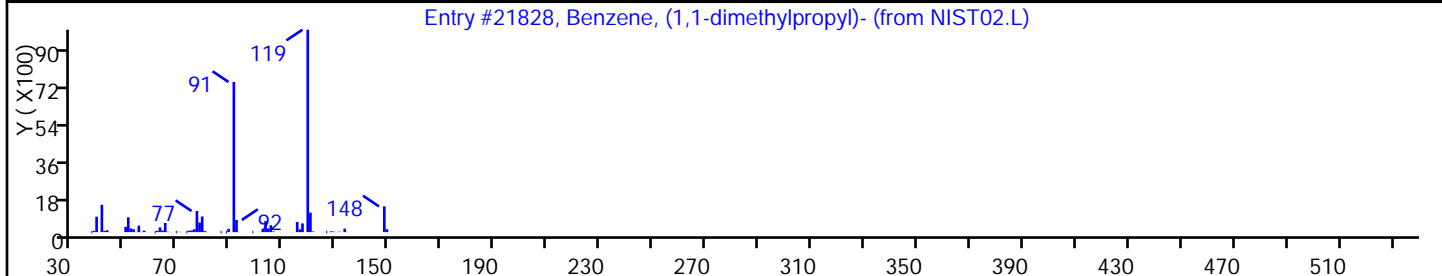
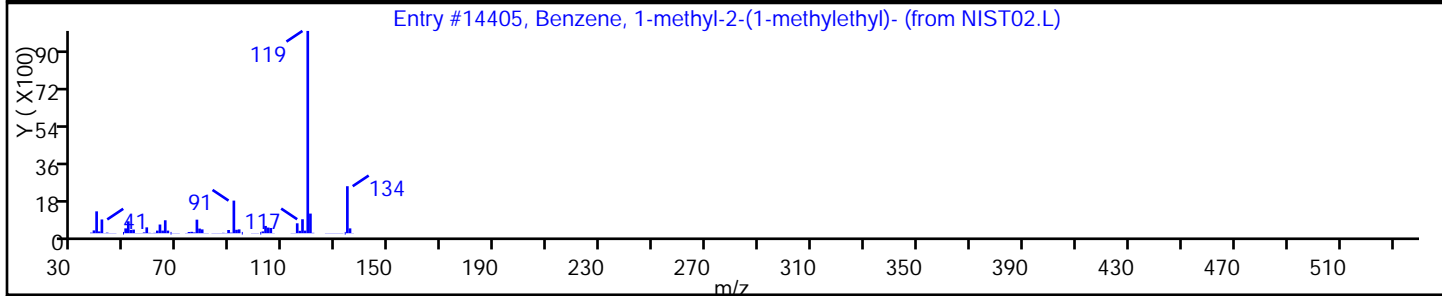
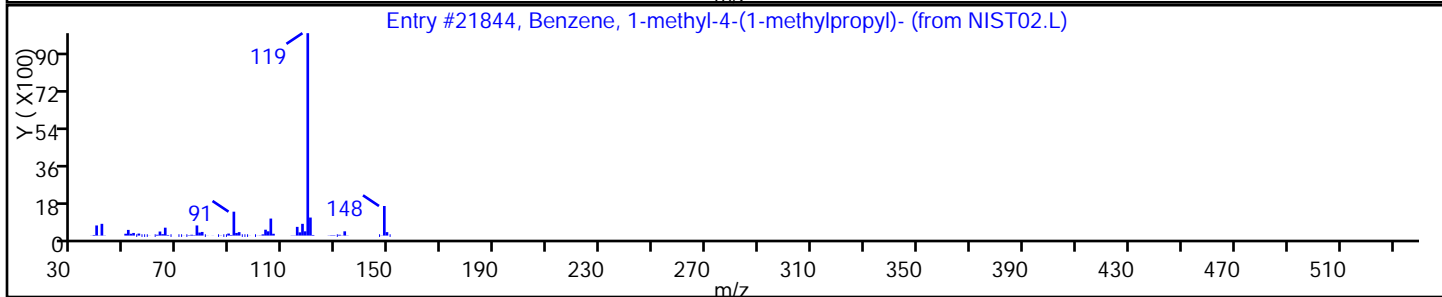
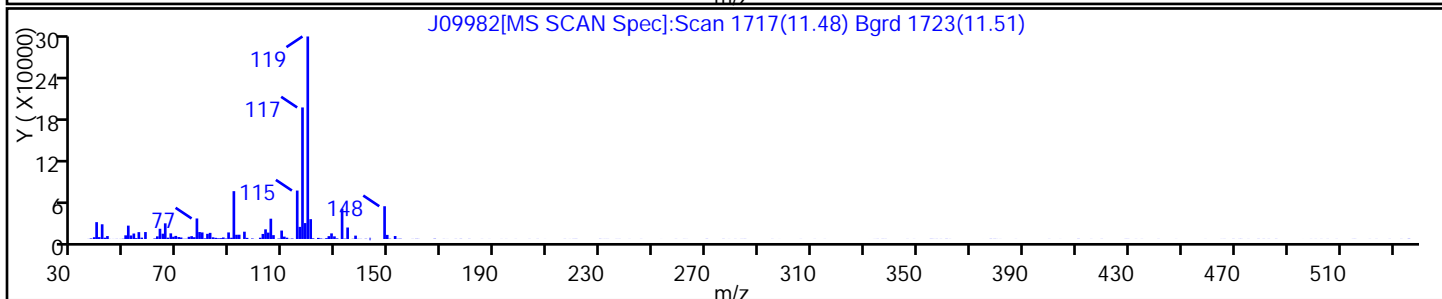
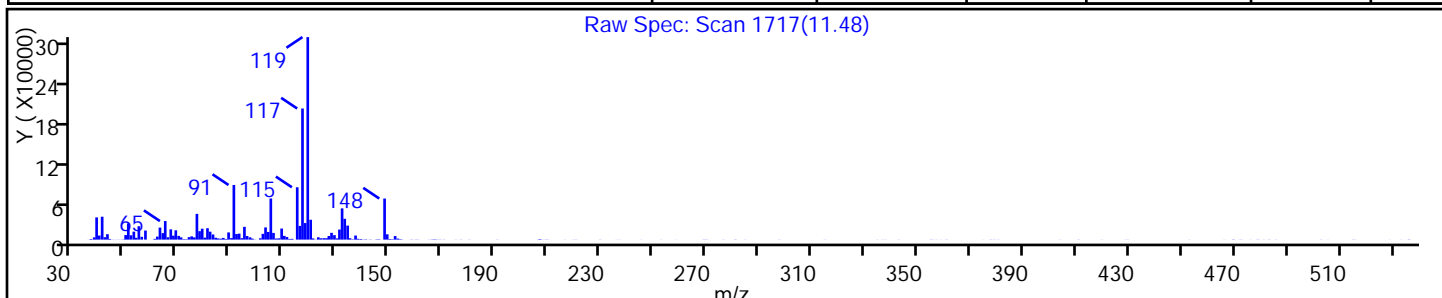
Method: 8260_W8

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, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	C10H14	134	49
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.L	21828	C11H16	148	49



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

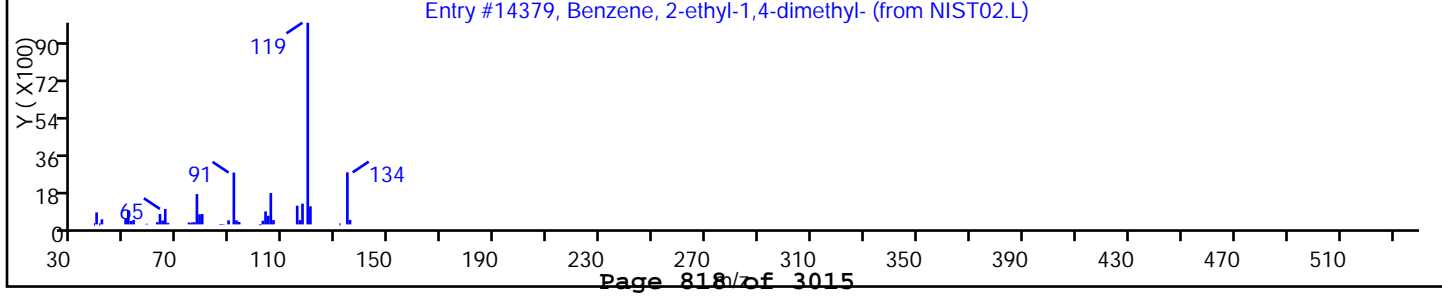
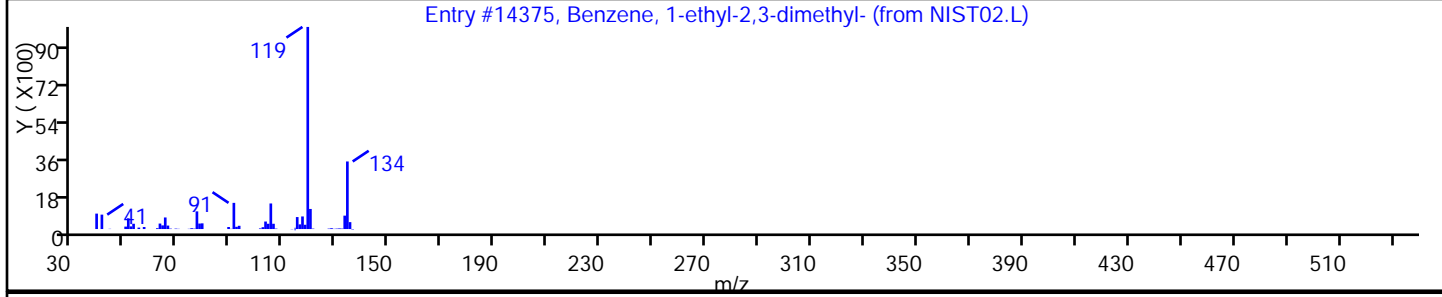
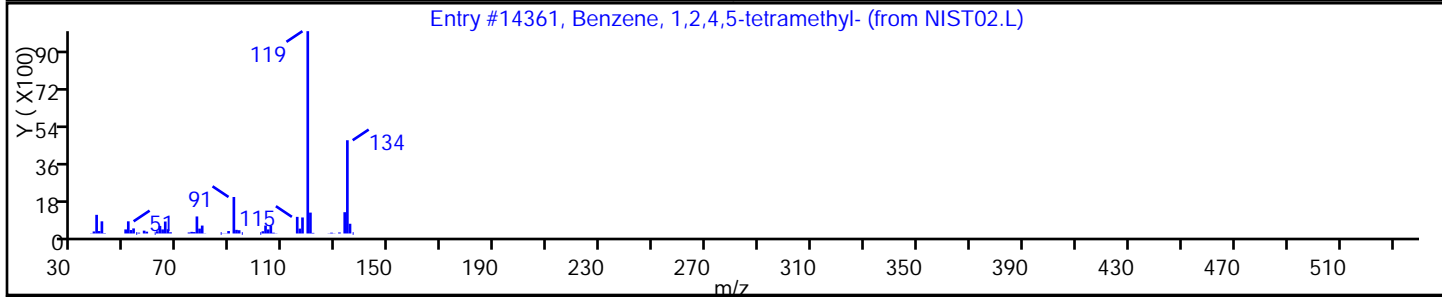
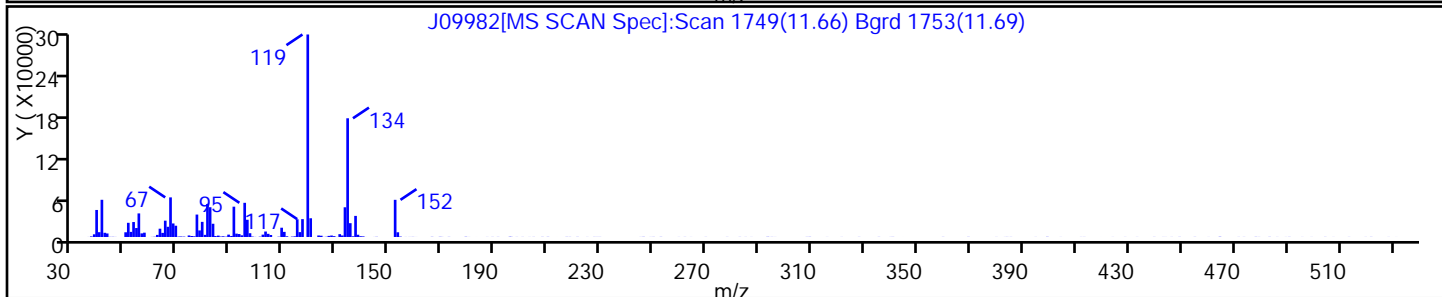
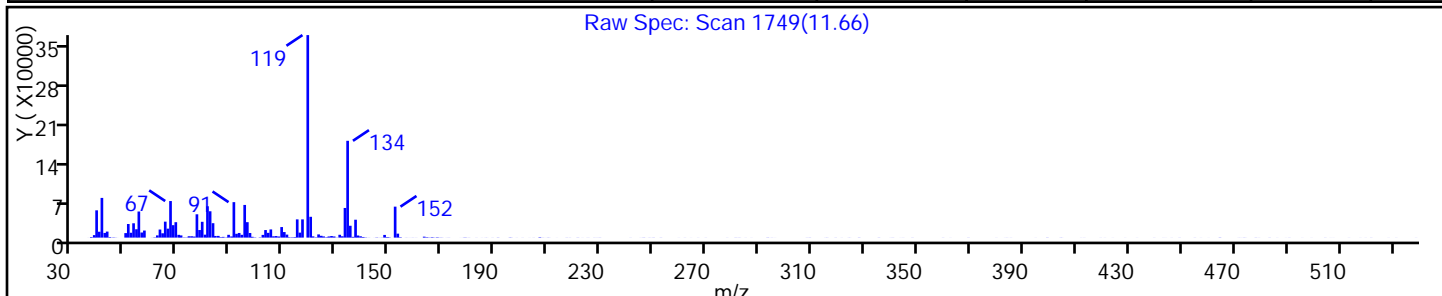
Method: 8260_W8

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	94
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14375	C10H14	134	93
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14379	C10H14	134	92



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

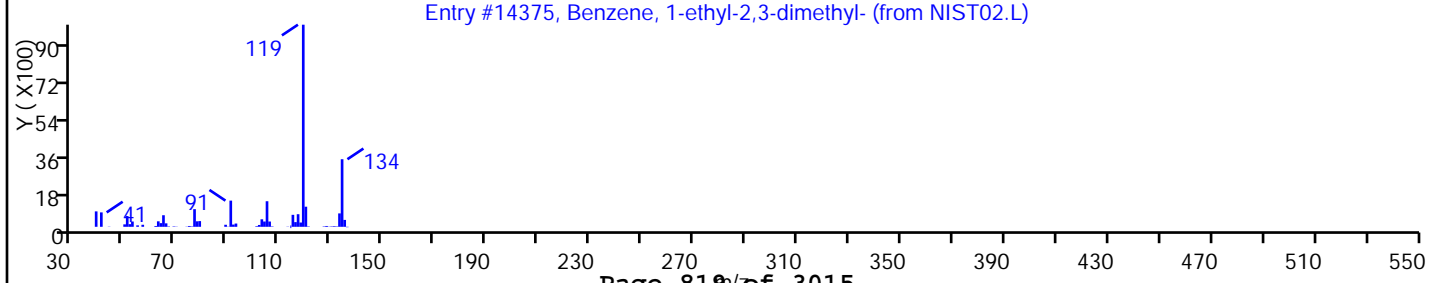
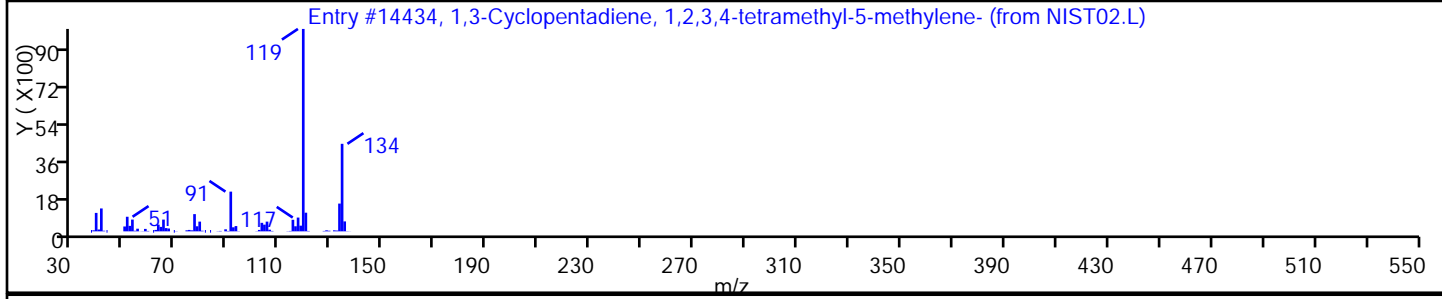
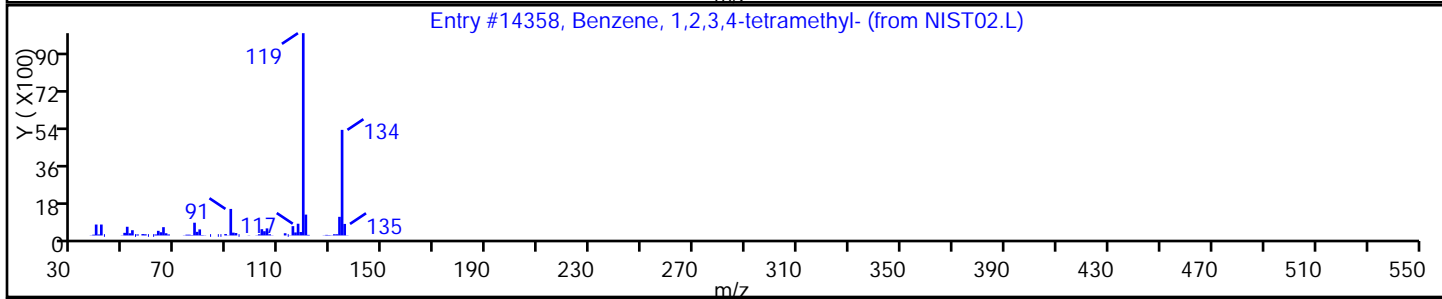
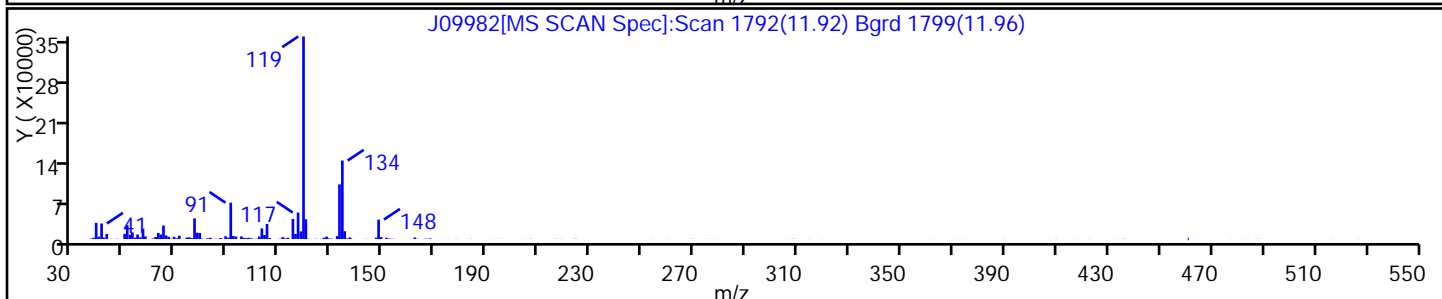
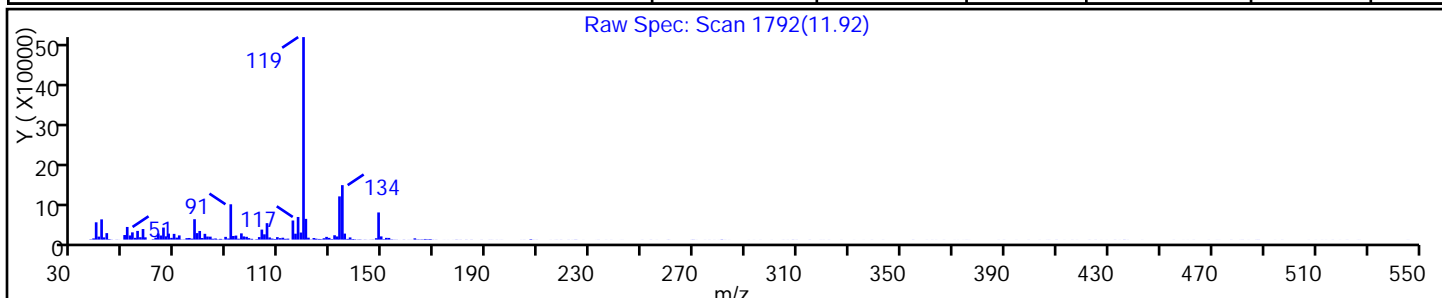
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	C10H14	134	87
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	87
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14375	C10H14	134	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

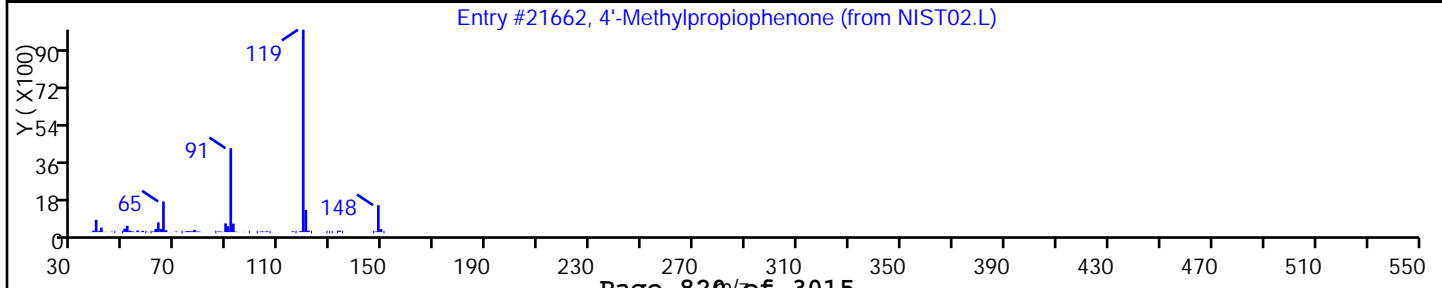
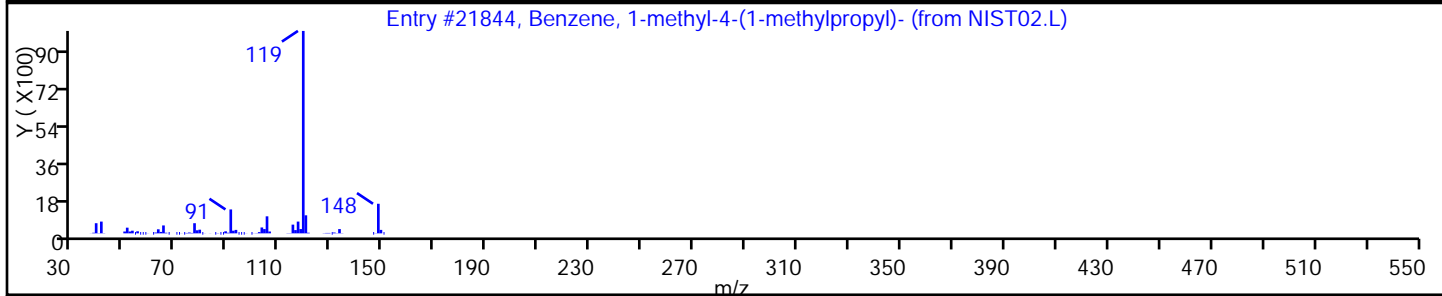
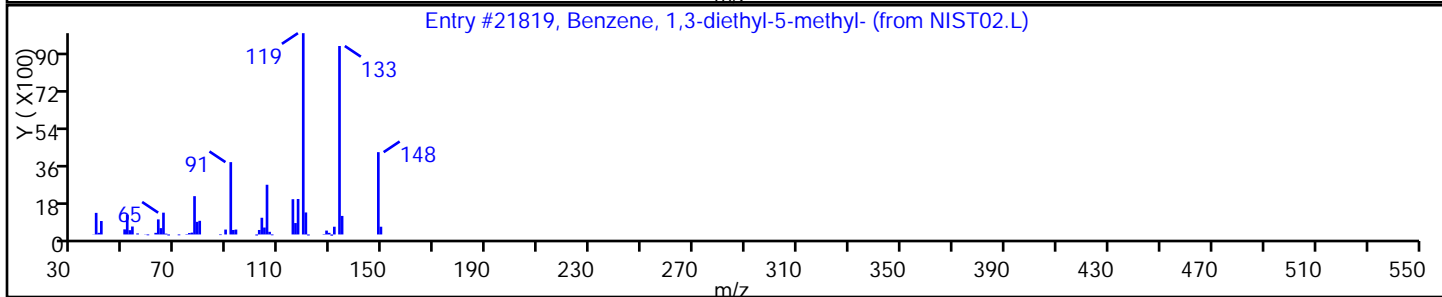
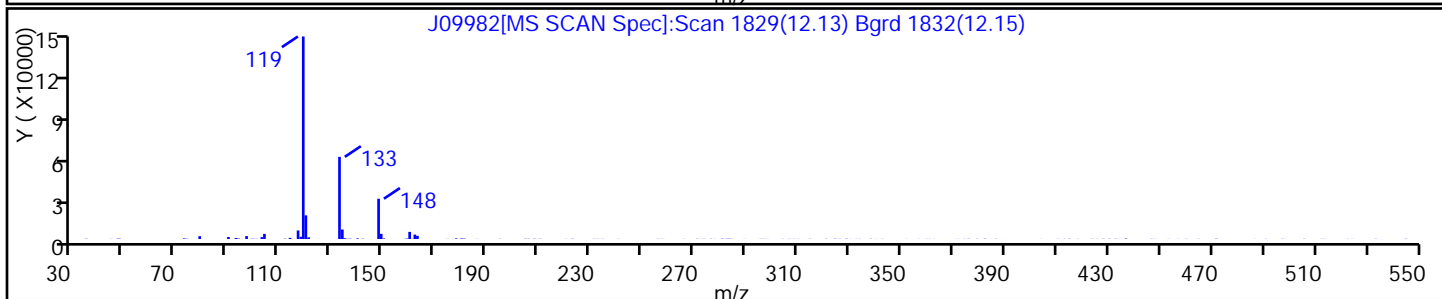
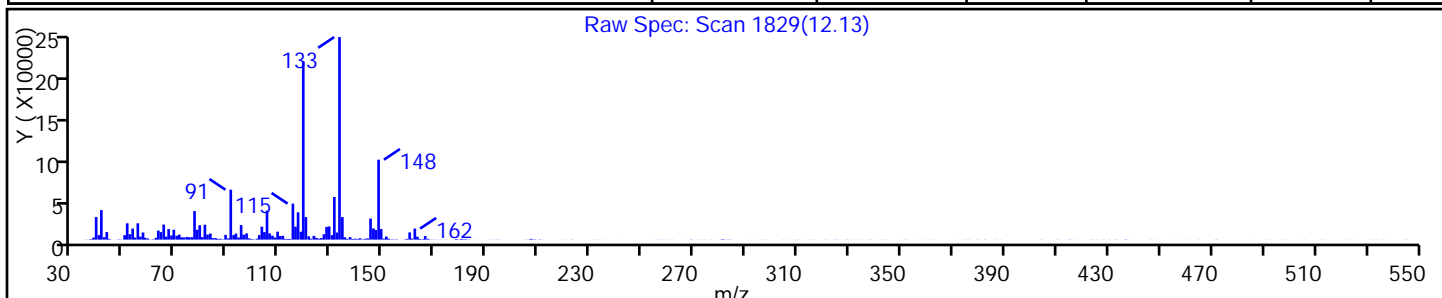
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	50
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	50
4'-Methylpropiophenone	5337-93-9	NIST02.L	21662	C10H12O	148	40



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

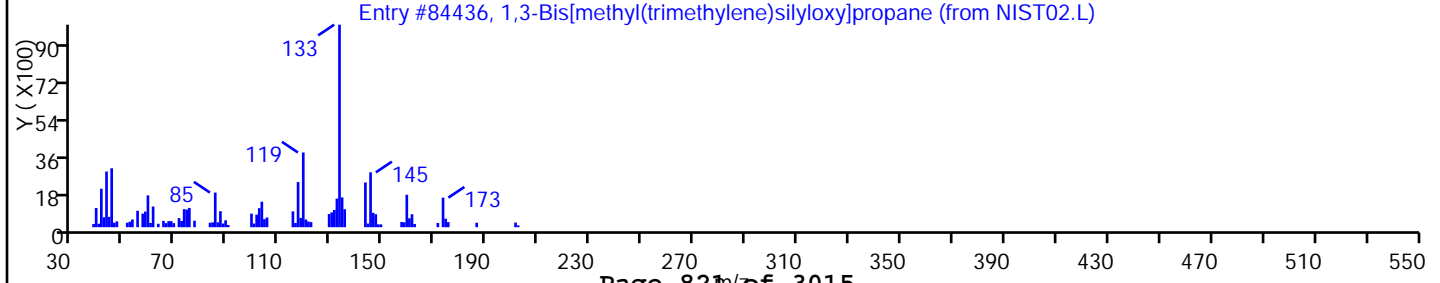
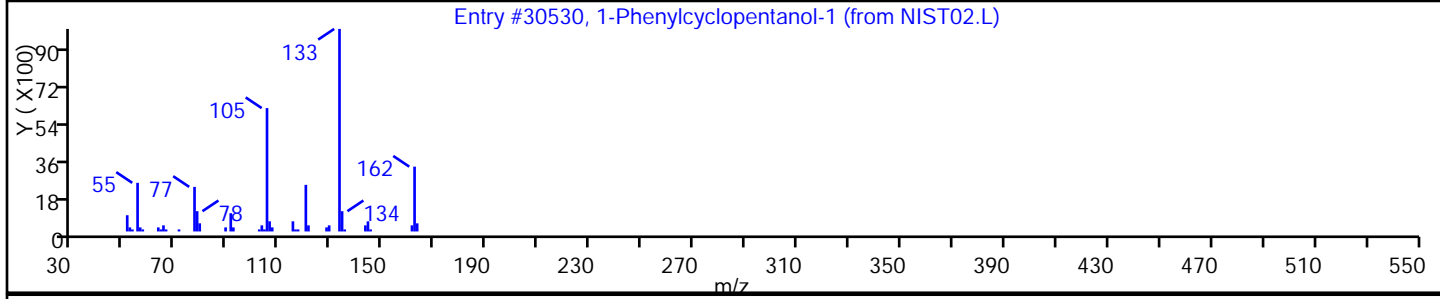
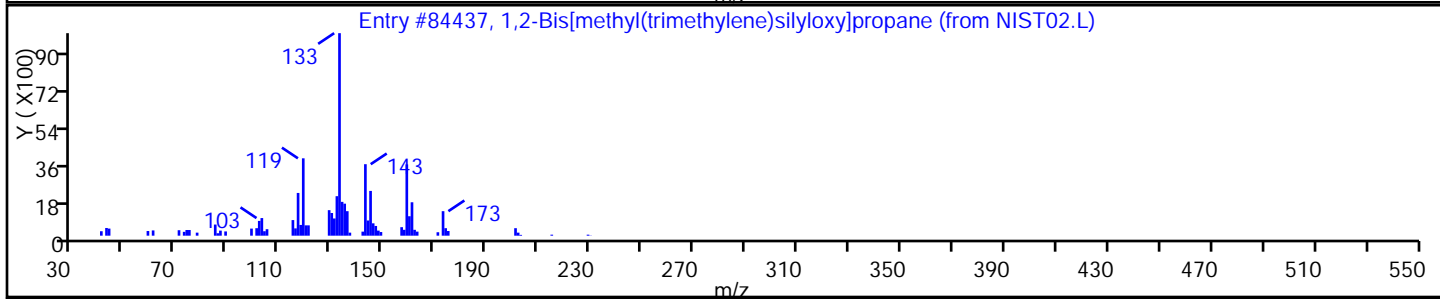
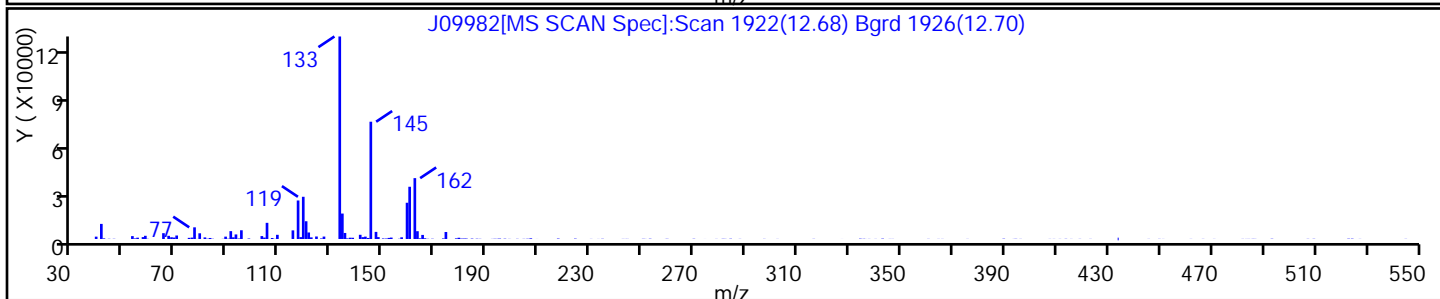
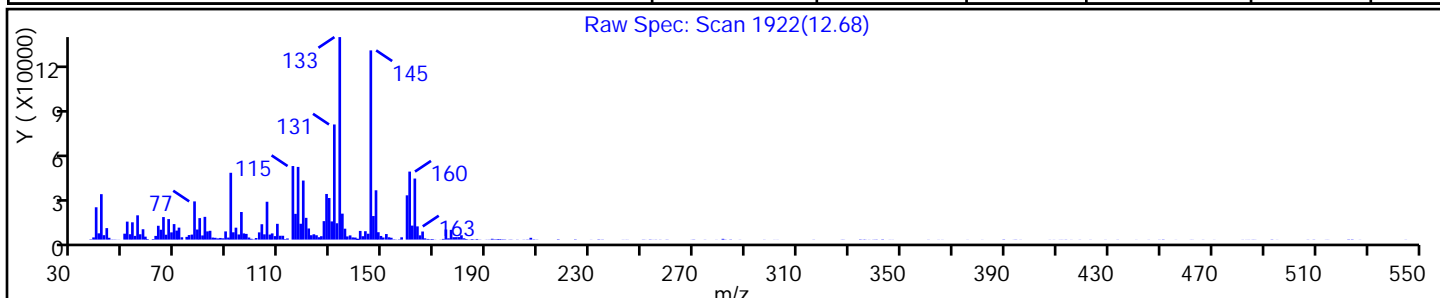
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,2-Bis[methyl(trimethylene)silyloxy]pro	1000217-00	NIST02.L	84437	C11H24O2S	244	40
1-Phenylcyclopentanol-1	10487-96-4	NIST02.L	30530	C11H14O	162	32
1,3-Bis[methyl(trimethylene)silyloxy]pro	1000217-00	NIST02.L	84436	C11H24O2S	244	28



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

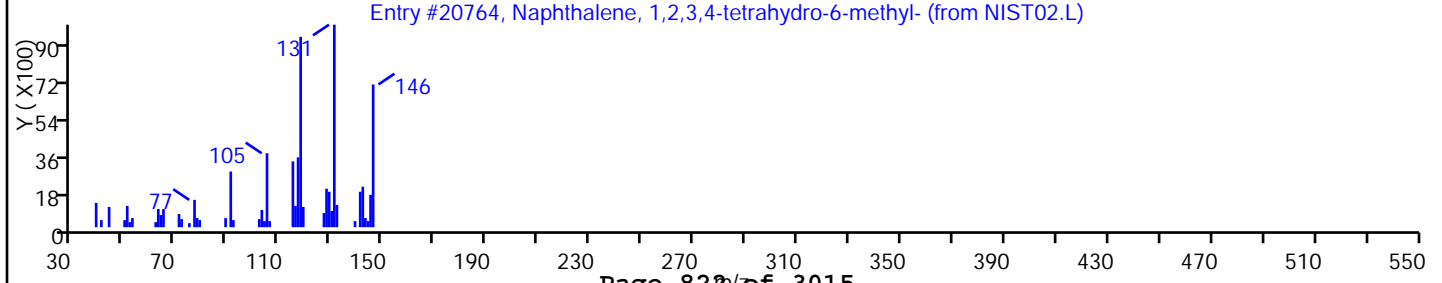
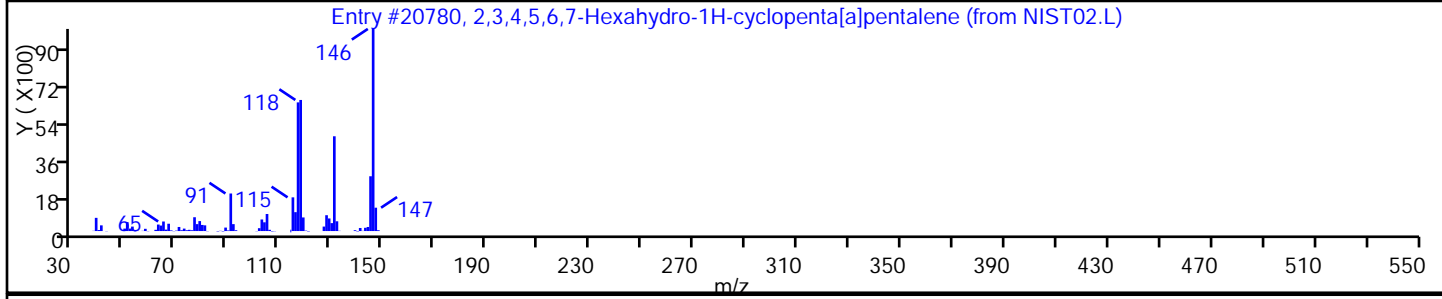
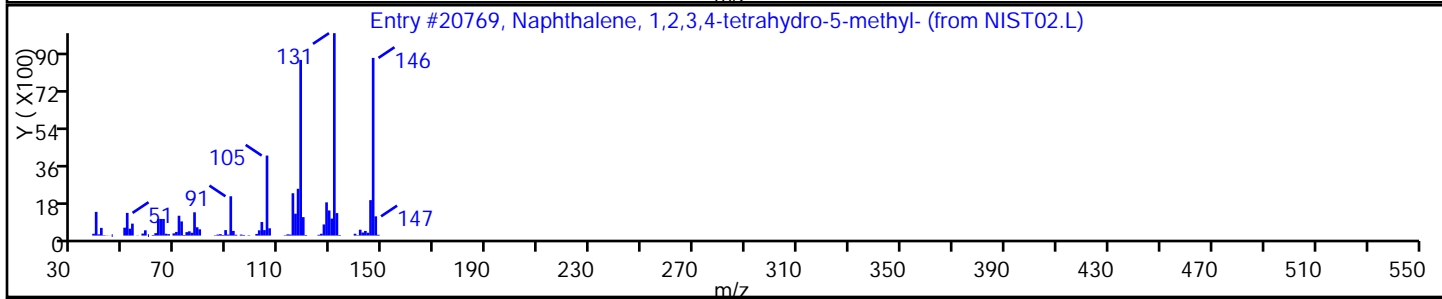
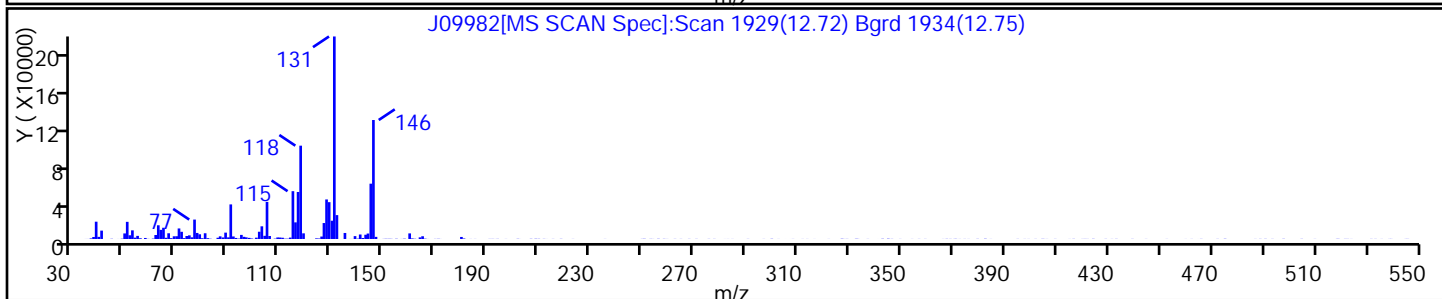
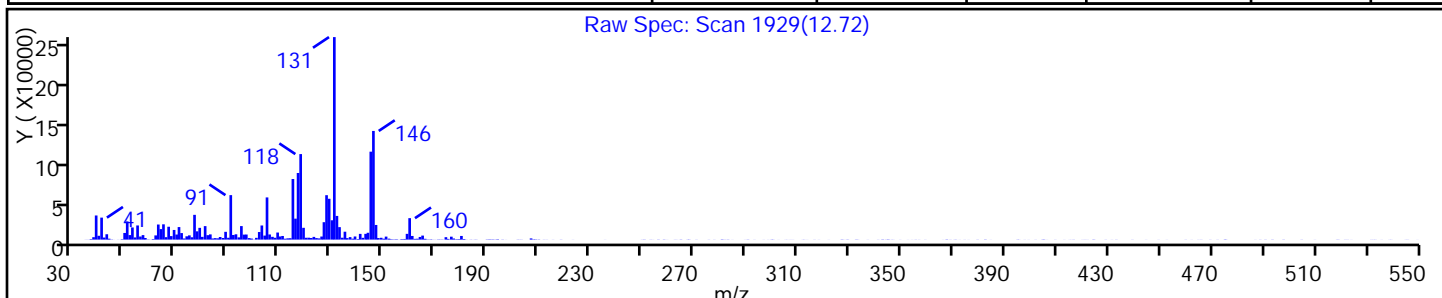
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20769	C11H14	146	87
2,3,4,5,6,7-Hexahydro-1H-cyclopenta[a]pe	1000189-31	NIST02.L	20780	C11H14	146	80
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20764	C11H14	146	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

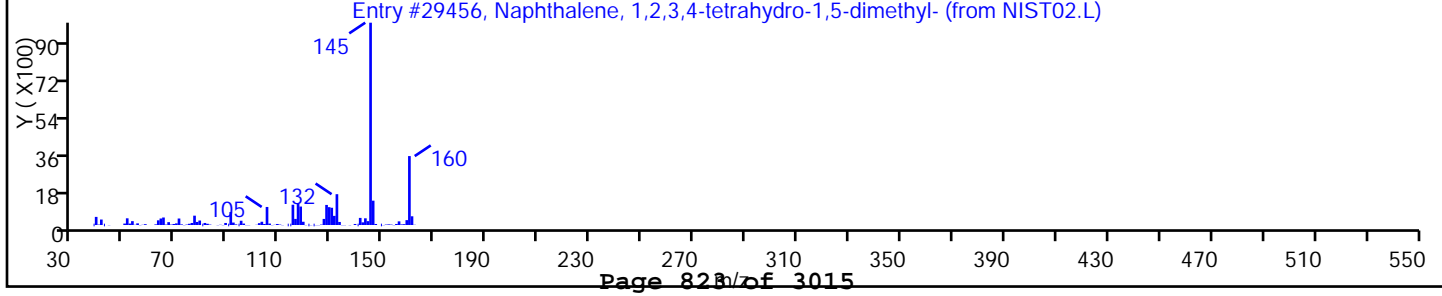
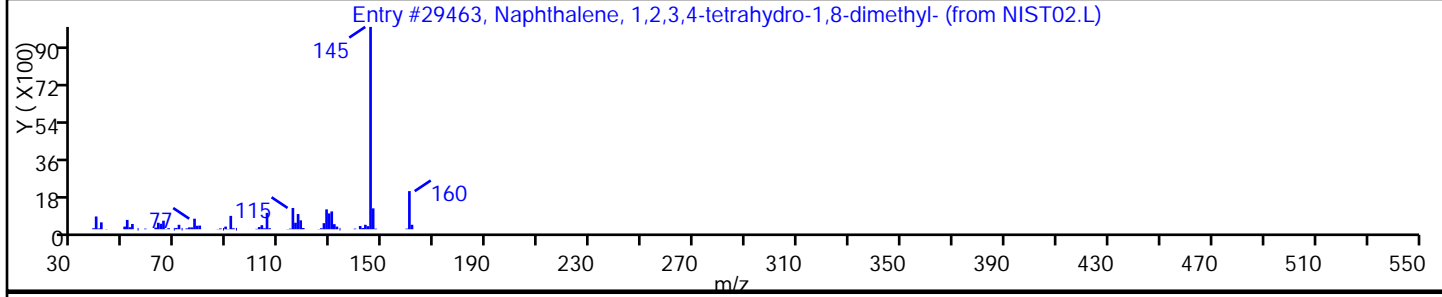
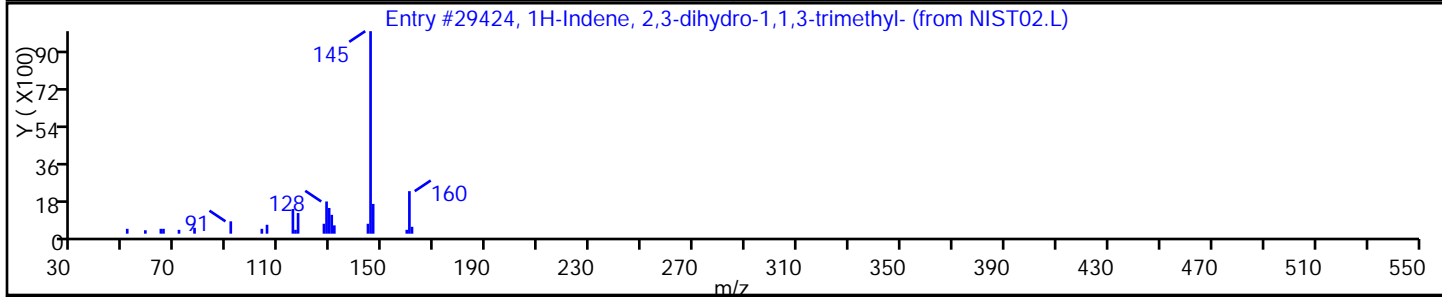
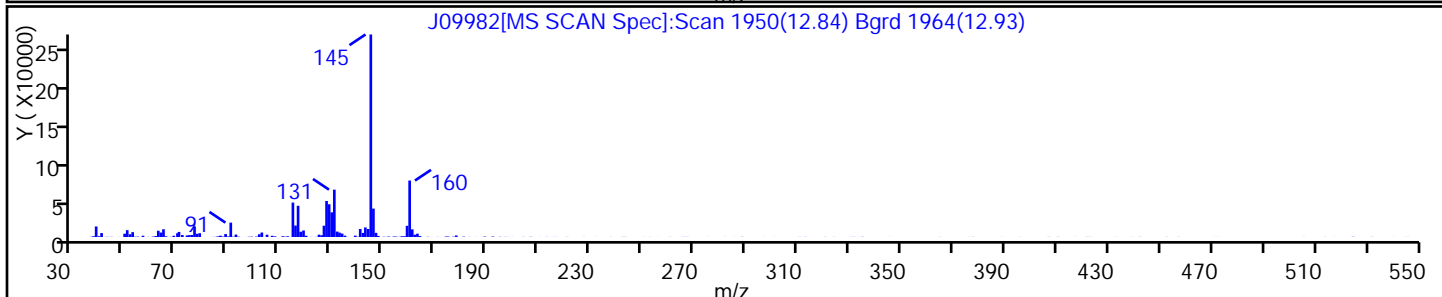
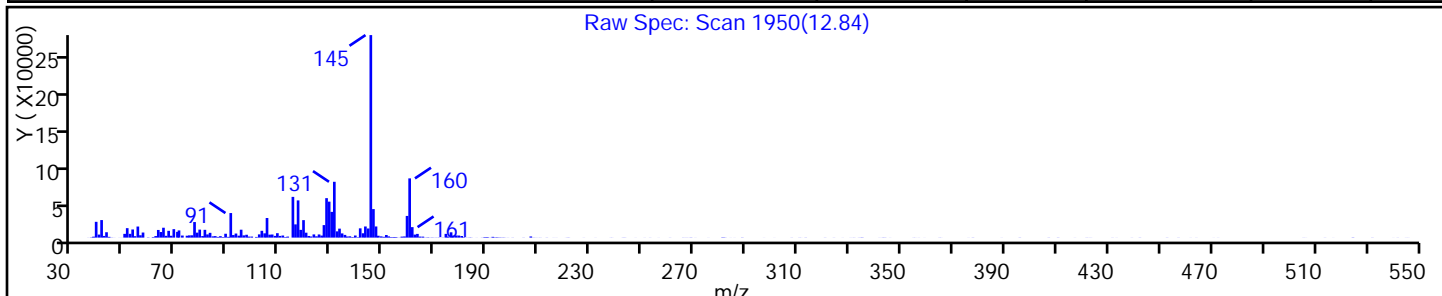
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	C12H16	160	93
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	87
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	C12H16	160	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

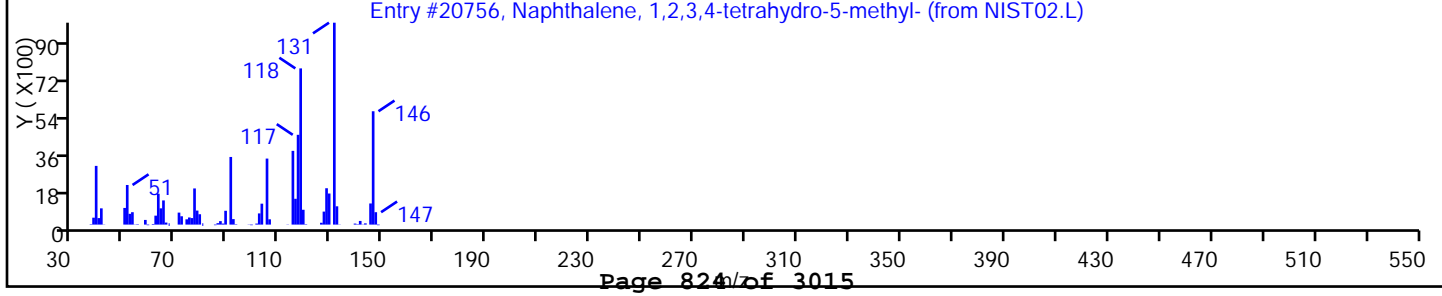
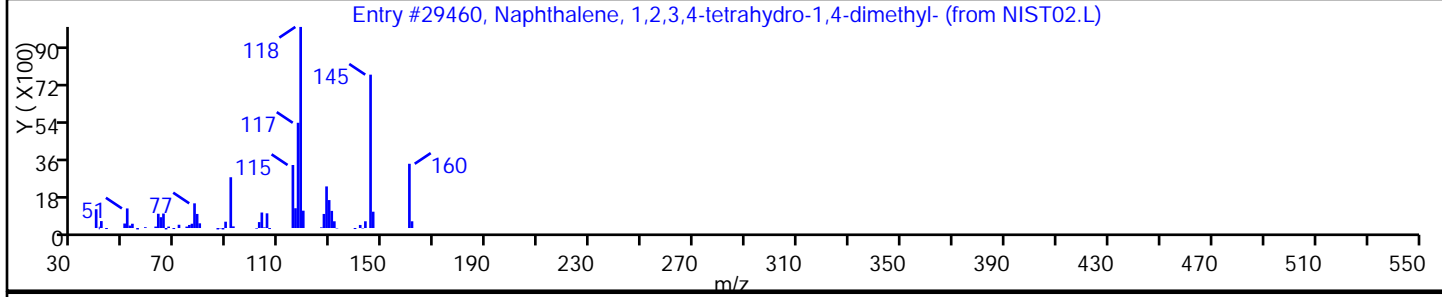
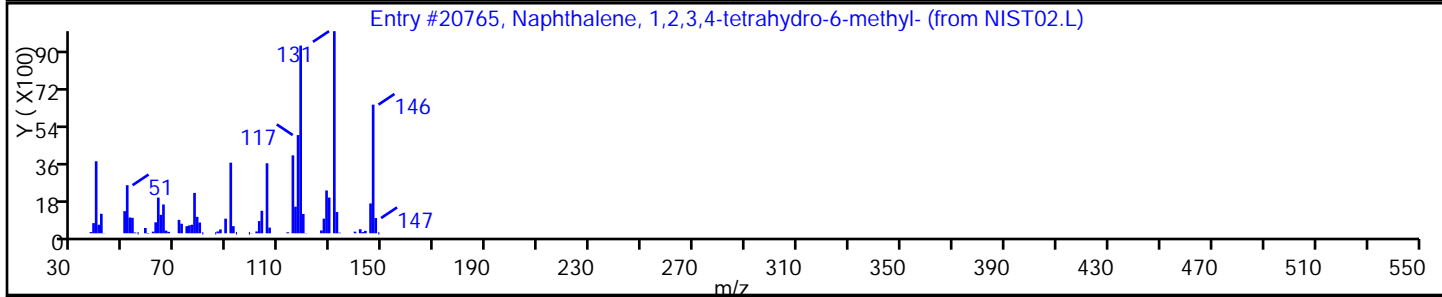
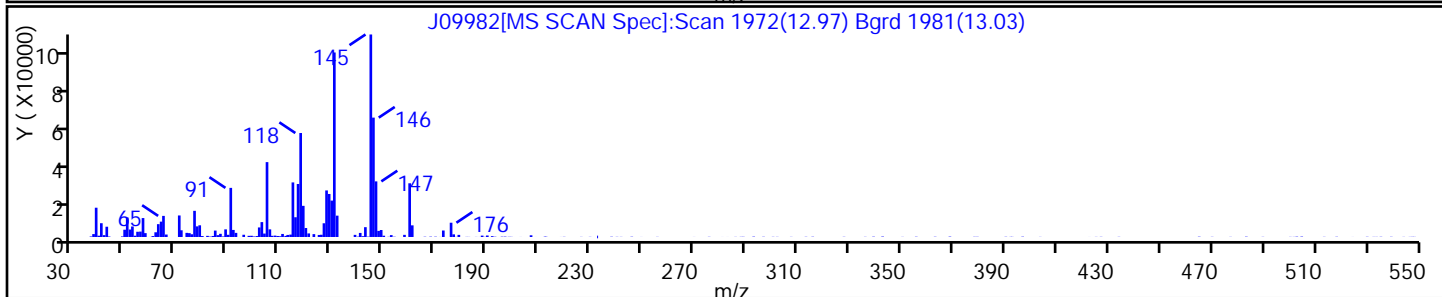
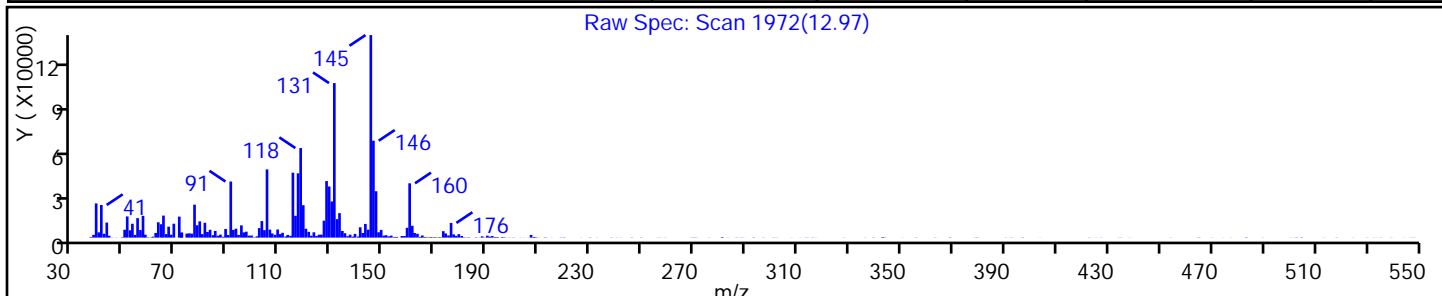
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20765	C11H14	146	78
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	55
Naphthalene, 1,2,3,4-tetrahydro-5-methyl	2809-64-5	NIST02.L	20756	C11H14	146	52



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09982.D

Injection Date: 14-Mar-2014 05:33:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

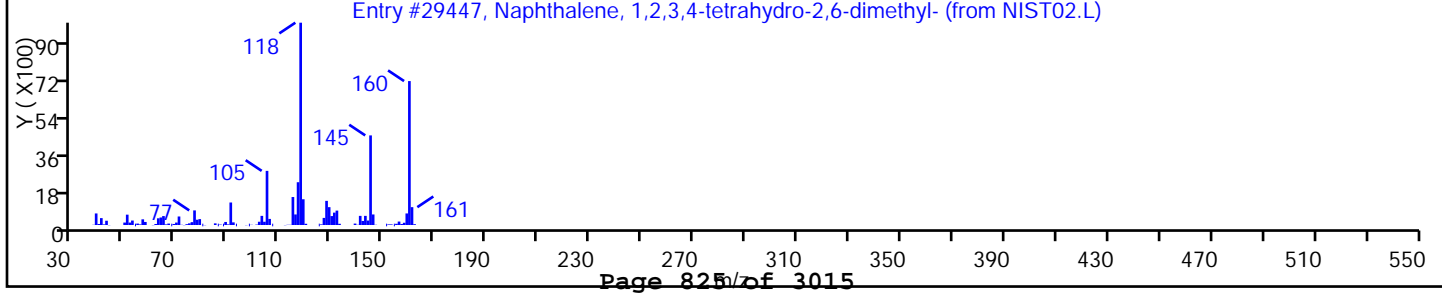
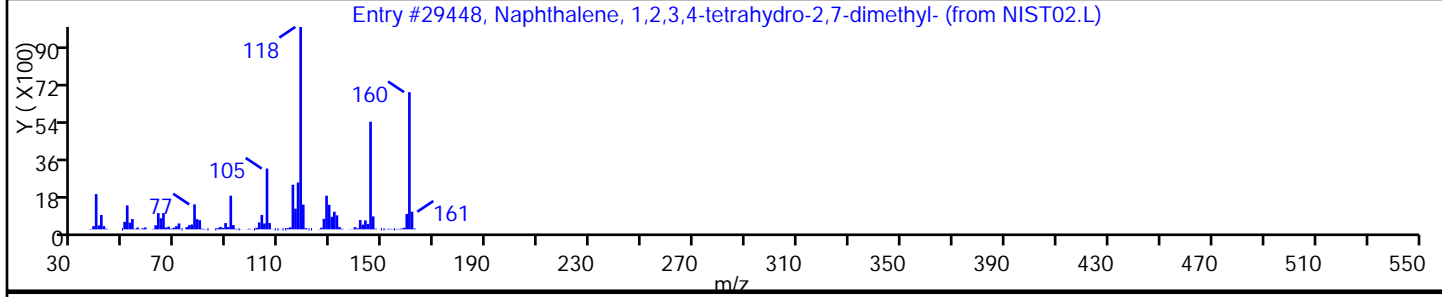
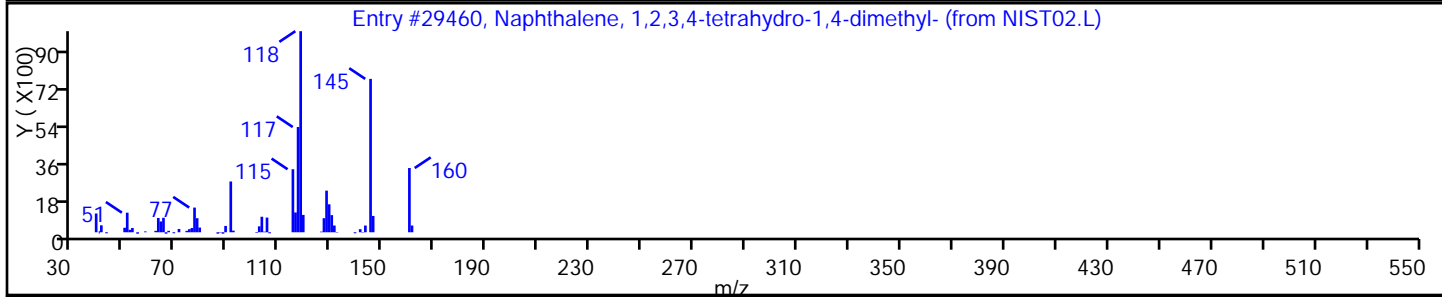
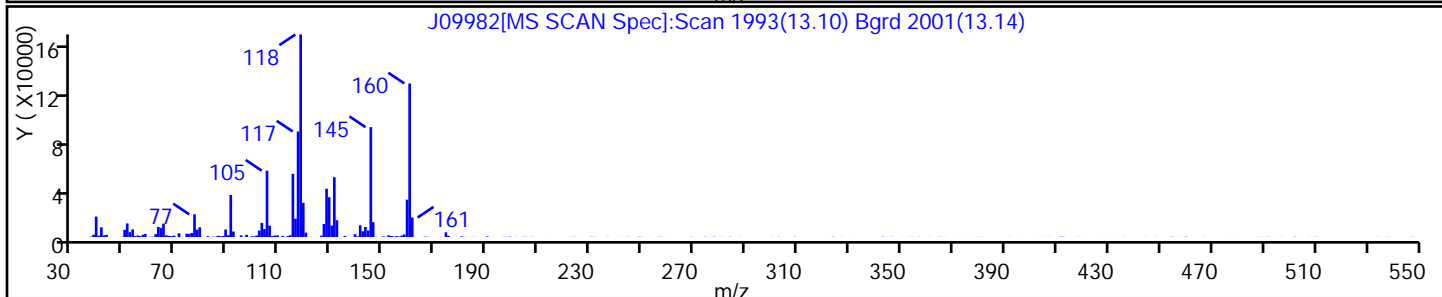
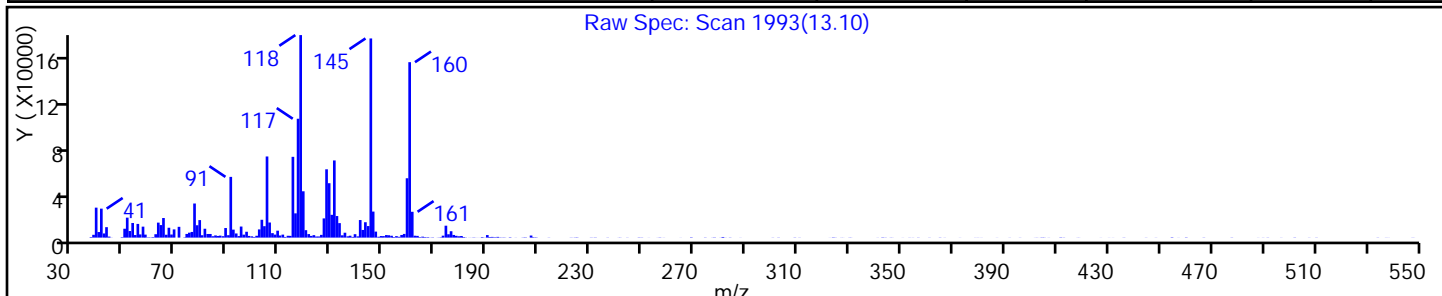
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-1,4-dime	4175-54-6	NIST02.L	29460	C12H16	160	90
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	81
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: O84786.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:10
 Sample wt/vol: 6.532(g) Date Analyzed: 03/14/2014 10:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.8 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.86	J	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	1.1		0.90	0.13
67-64-1	Acetone	12	B	4.5	1.5
75-15-0	Carbon disulfide	0.13	U	0.90	0.13
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	0.099	U	0.90	0.099
67-66-3	Chloroform	20		0.90	0.22
78-93-3	2-Butanone	0.57	U	4.5	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.90	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.90	0.12
56-23-5	Carbon tetrachloride	0.13	U	0.90	0.13
71-43-2	Benzene	0.13	U	0.90	0.13
75-25-2	Bromoform	0.19	J	0.90	0.15
100-42-5	Styrene	0.25	U	0.90	0.25
100-41-4	Ethylbenzene	0.15	U	0.90	0.15
108-90-7	Chlorobenzene	0.16	U	0.90	0.16
110-82-7	Cyclohexane	0.12	U	0.90	0.12
98-82-8	Isopropylbenzene	0.099	U	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	0.11	U	0.90	0.11
108-88-3	Toluene	0.13	U	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	0.090	U	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: O84786.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:10
 Sample wt/vol: 6.532(g) Date Analyzed: 03/14/2014 10:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.8 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.099	U	0.90	0.099
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.90	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.90	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.90	0.13
108-87-2	Methylcyclohexane	0.090	U	0.90	0.090
127-18-4	Tetrachloroethene	0.11	U	0.90	0.11
1330-20-7	Xylenes, Total	0.60	U	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	0.36	J	0.90	0.090
106-93-4	1,2-Dibromoethane	0.13	U	0.90	0.13
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	1.3		0.90	0.29

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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: O84786.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:10
 Sample wt/vol: 6.532(g) Date Analyzed: 03/14/2014 10:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.8 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 2 TIC Result Total: 10.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q
918-00-3	2-Propanone, 1,1,1-trichloro-	7.27	4.7	J N
544-76-3	Hexadecane	15.77	5.4	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D
 Lims ID: 460-72180-A-15-A Lab Sample ID: 460-72180-15
 Client ID: PMP-19SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 10:01:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-15-A
 Misc. Info.: 460-0010850-014
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 11:06:03 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 11:06:03

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
2 Chloromethane	50	0.947	0.933	0.014	79	5611	0.9565	
19 Acetone	43	1.584	1.585	-0.001	83	22587	12.8	
25 Methylene Chloride	84	1.821	1.814	0.007	87	5840	1.23	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	99	442701	1000.0	
47 Chloroform	83	2.895	2.895	0.0	93	175859	22.7	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	142503	46.4	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	93	143057	44.7	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	760326	50.0	
* 150 1,4-Dioxane-d8	96	4.278	4.271	0.007	89	41077	1000.0	
70 Dichlorobromomethane	83	4.457	4.457	0.0	94	8434	1.45	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	658118	44.9	
84 Chlorodibromomethane	129	6.355	6.348	0.007	71	1735	0.4048	
* 87 Chlorobenzene-d5	117	7.121	7.122	-0.001	86	558601	50.0	
92 o-Xylene	106	8.117	8.117	0.0	82	2355	0.2623	
97 Bromoform	173	8.397	8.382	0.014	5	548	0.2103	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	84	187285	47.5	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	98	273875	50.0	
S 131 Xylenes, Total	100				0		0.2623	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D
 Lims ID: 460-72180-A-15-A Lab Sample ID: 460-72180-15
 Client ID: PMP-19SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 10:01:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-15-A
 Misc. Info.: 460-0010850-014
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 11:06:03 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 11:06:03

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
7.265	178603	5.25	87	83	29491	C3H3Cl3O	160	
15.767	212478	6.03	116	95	73966	C16H34	226	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.121	1701259	50.0
* 116 1,4-Dichlorobenzene-d4	10.775	1761978	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Worklist Smp#: 14

Client ID: PMP-19SW-SI

Purge Vol: 5.000 mL

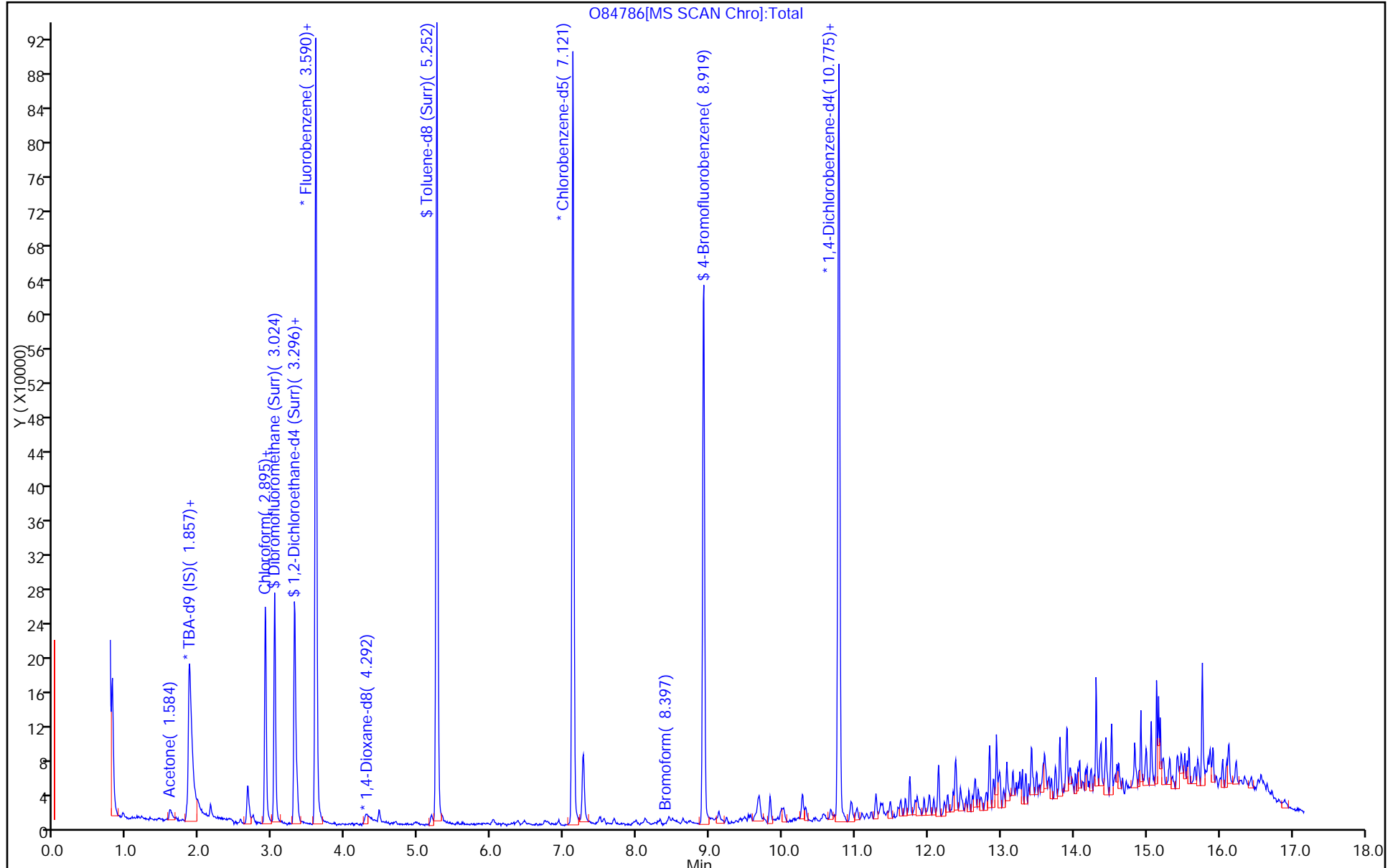
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

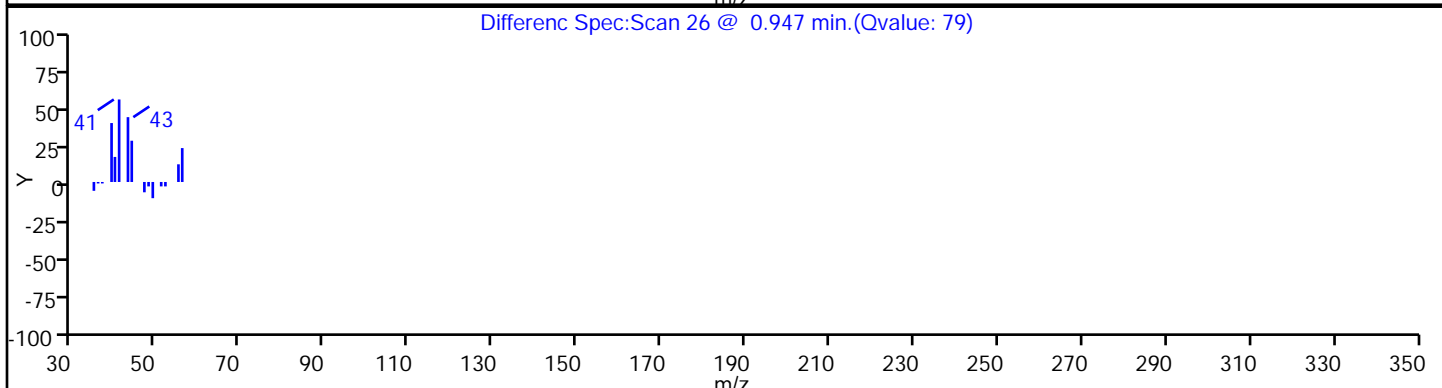
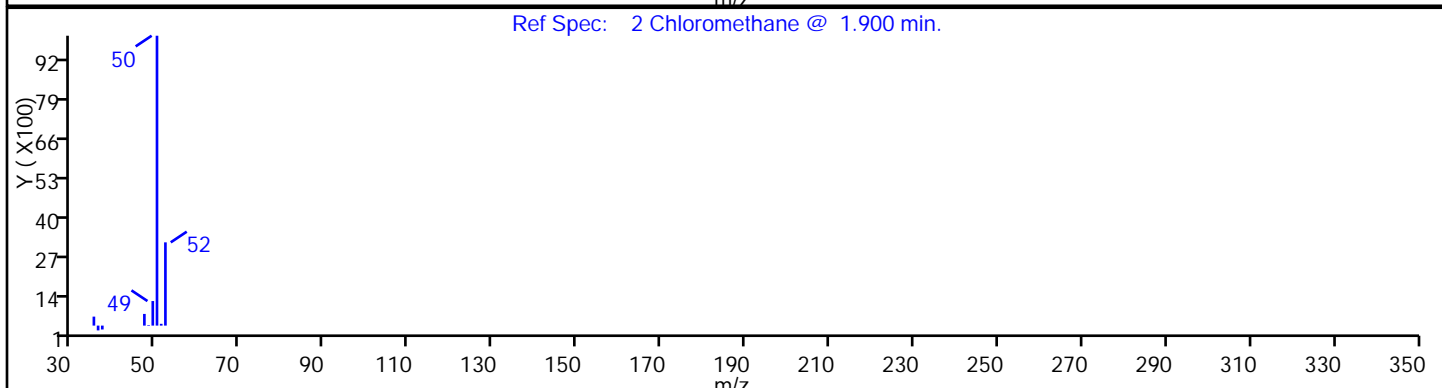
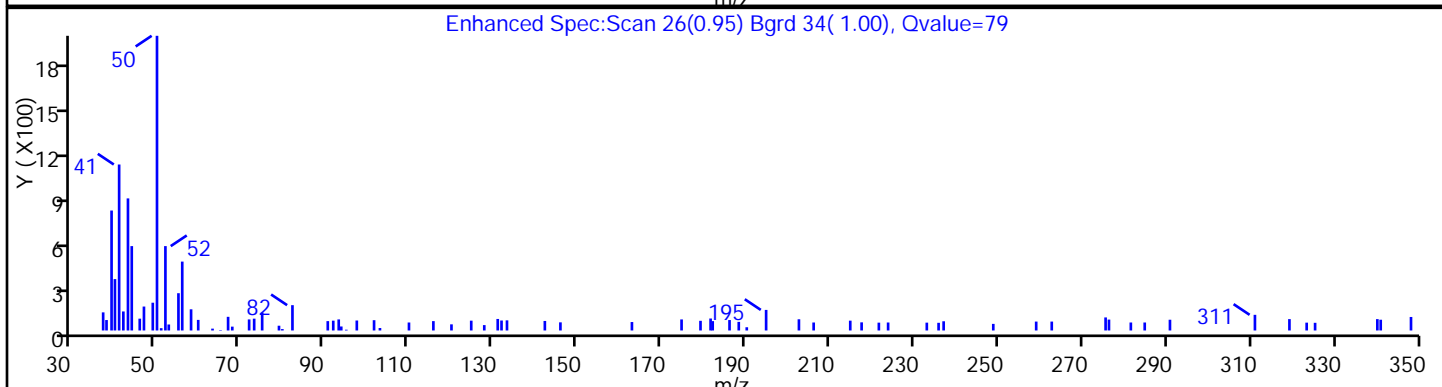
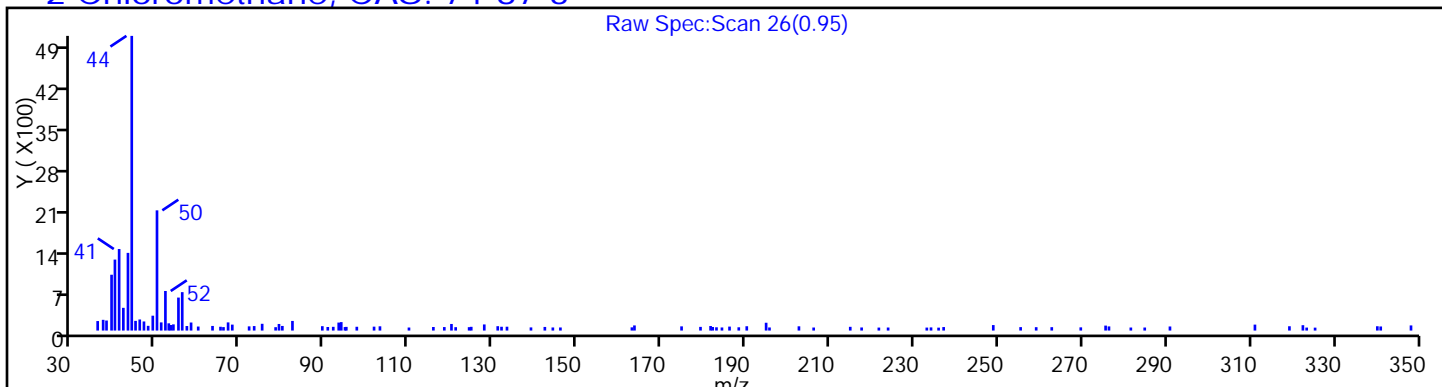
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

2 Chloromethane, CAS: 74-87-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

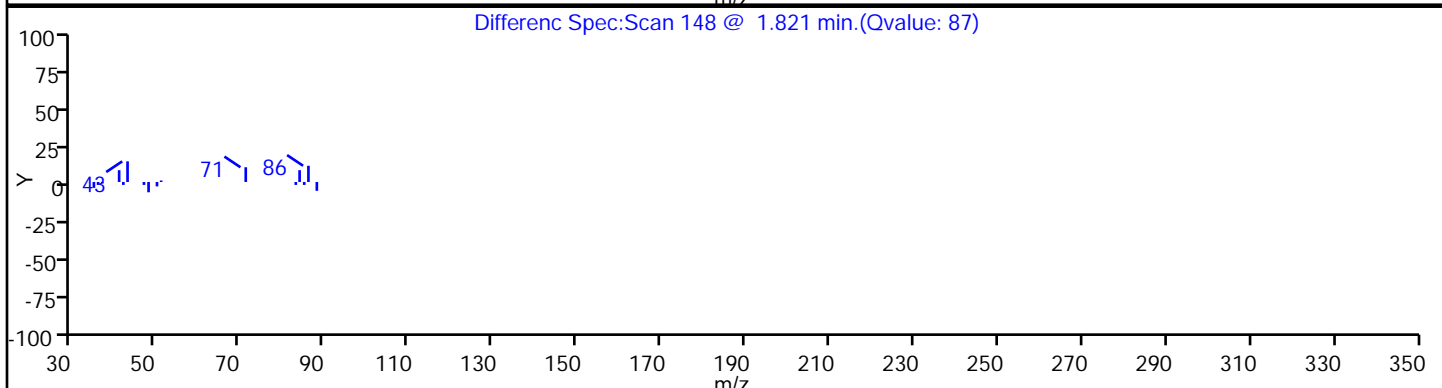
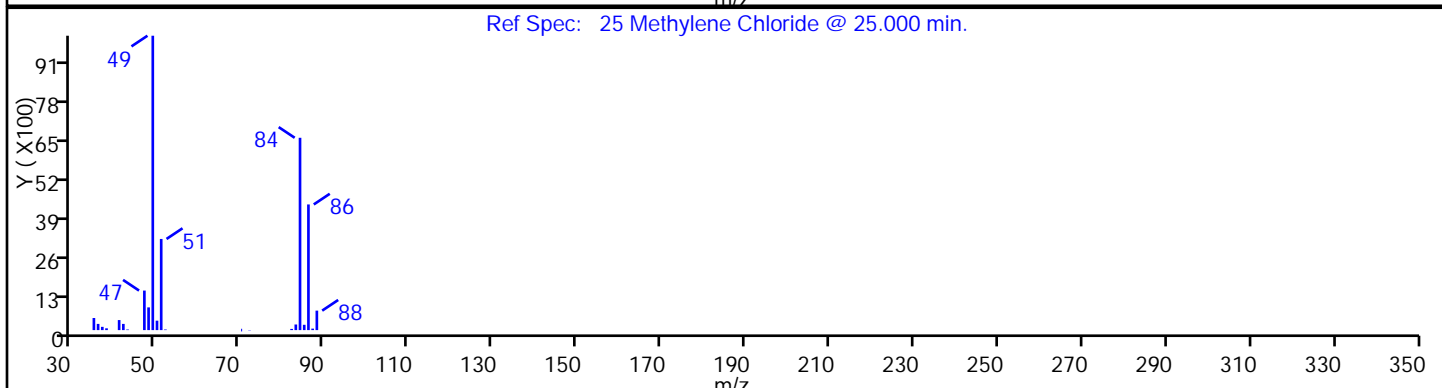
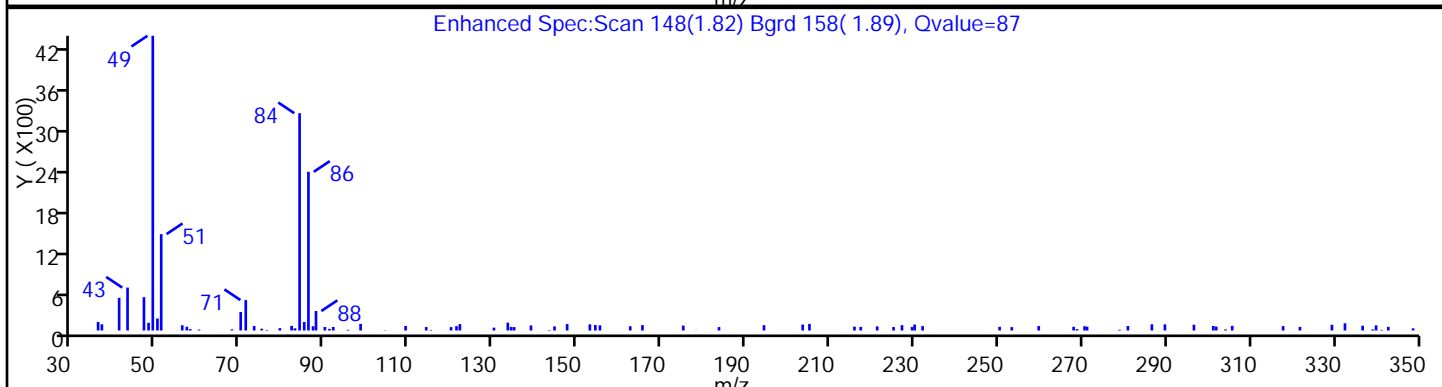
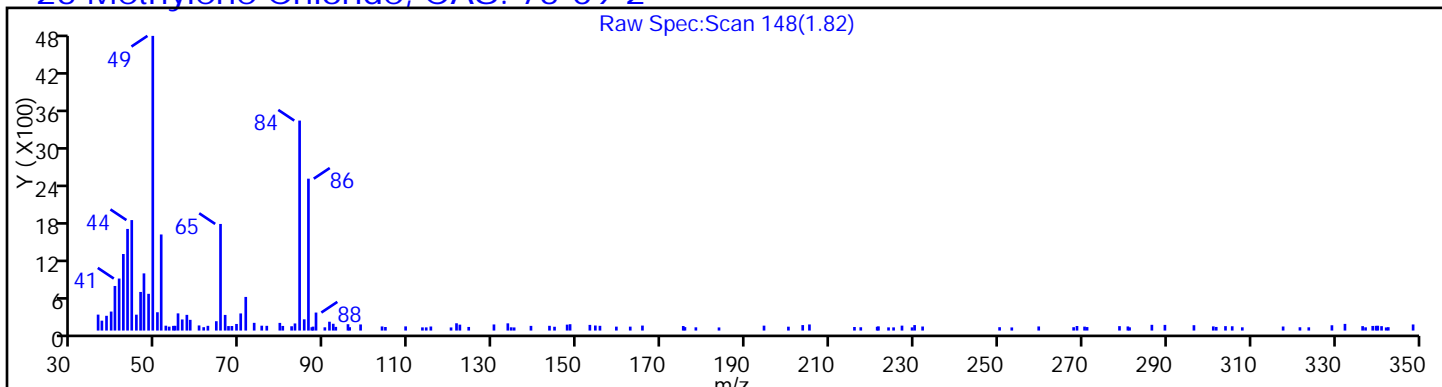
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

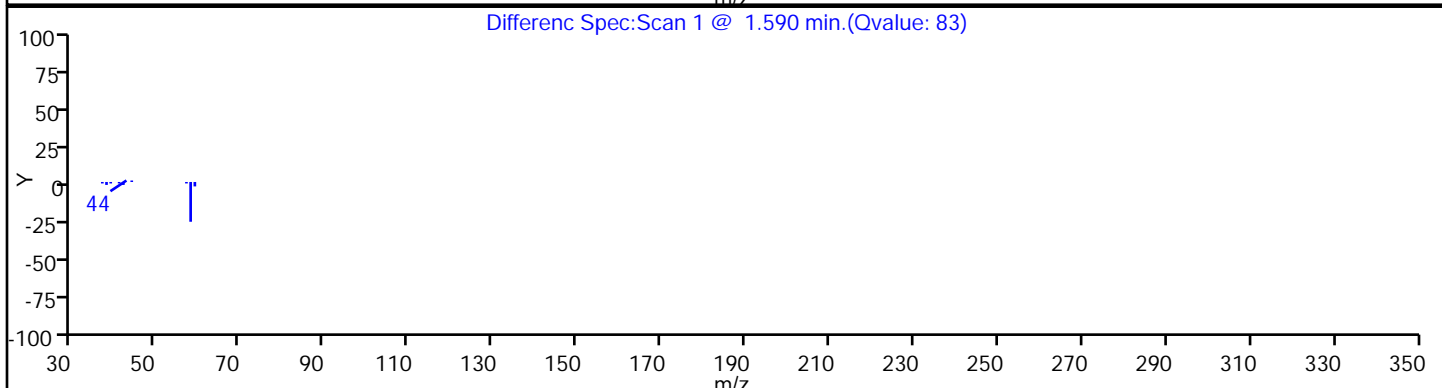
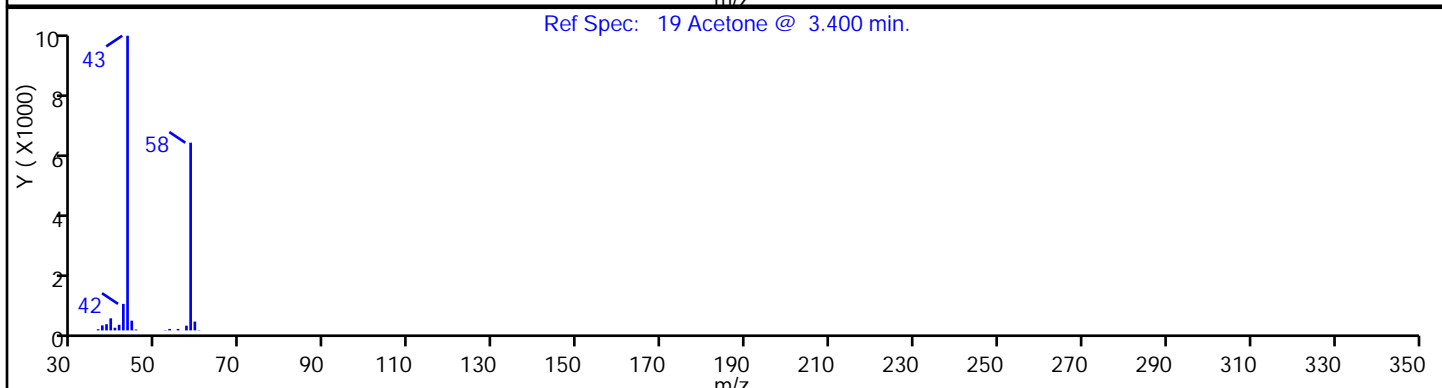
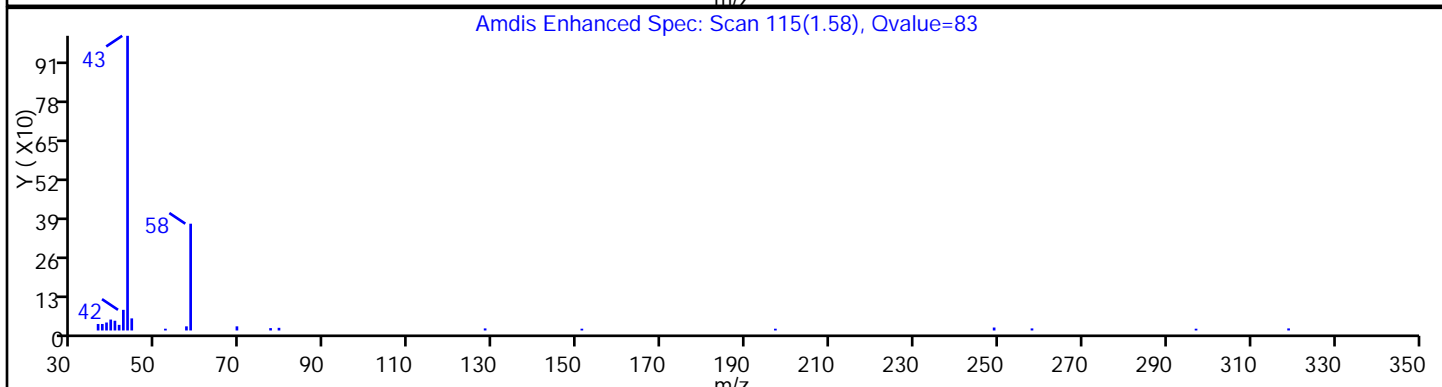
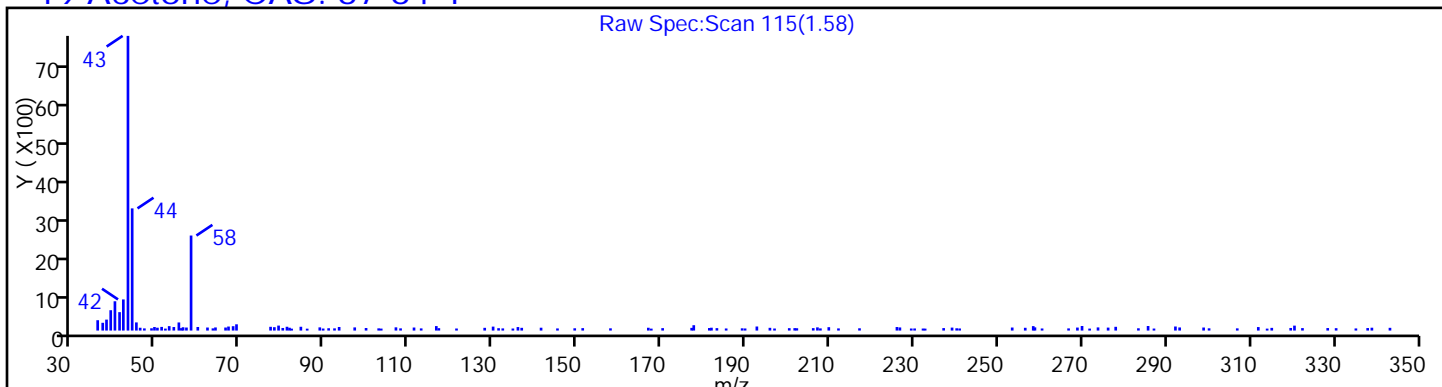
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

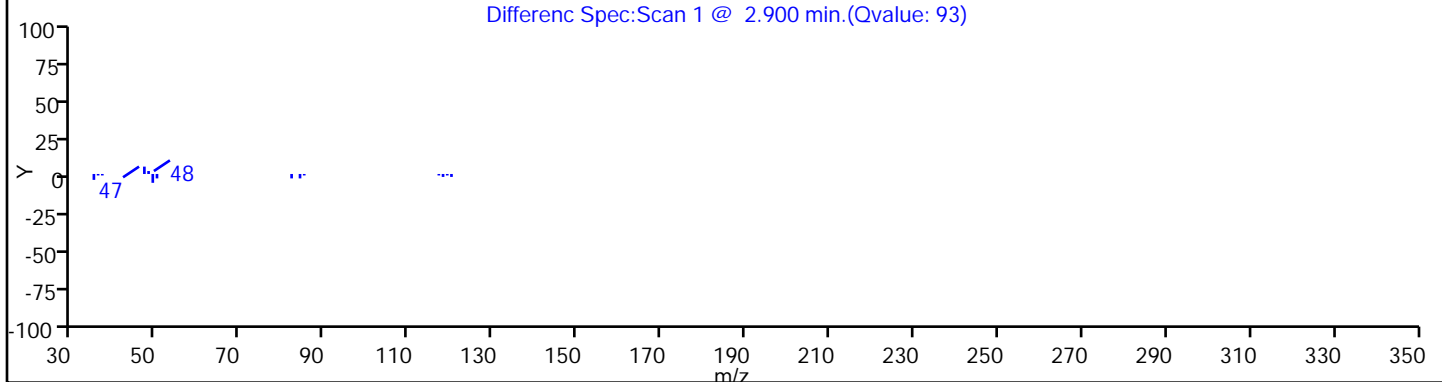
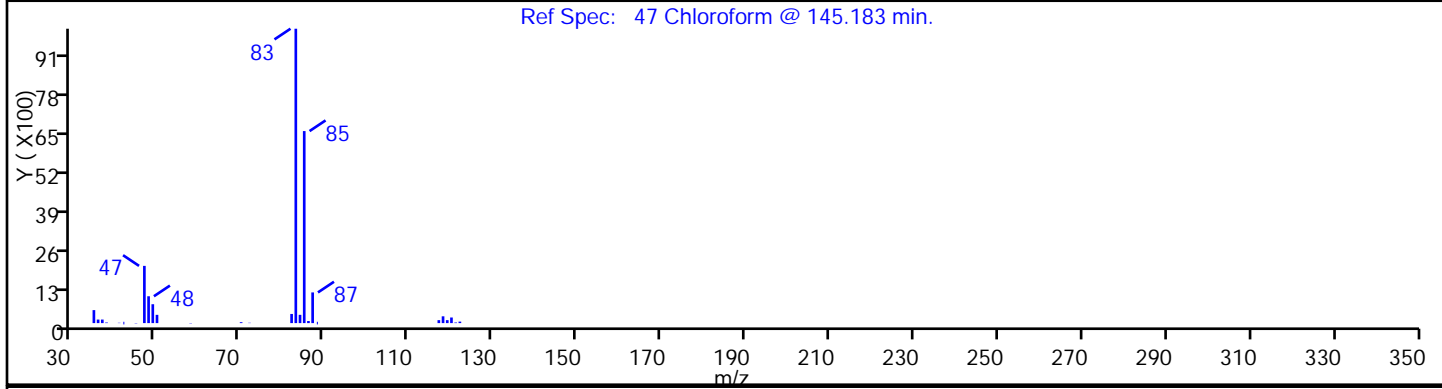
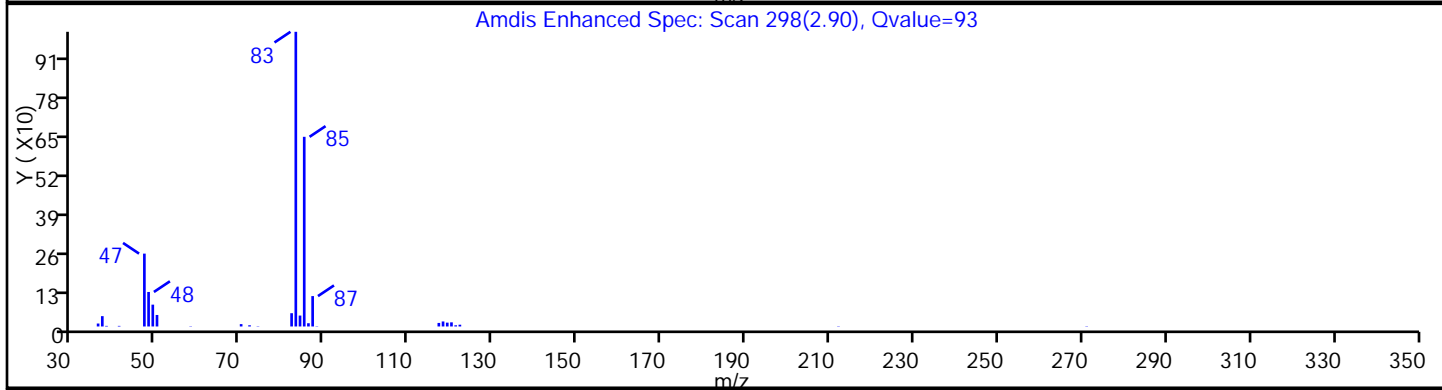
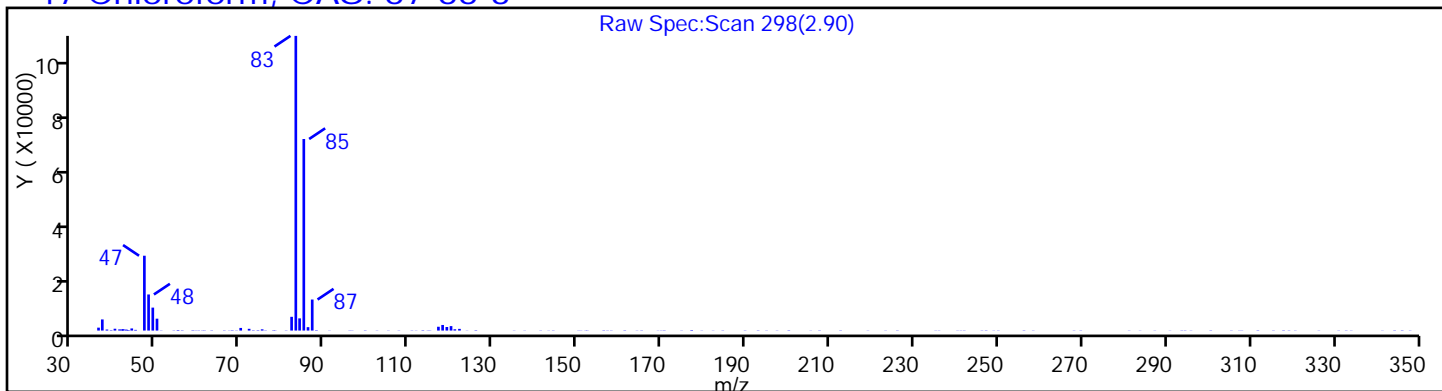
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

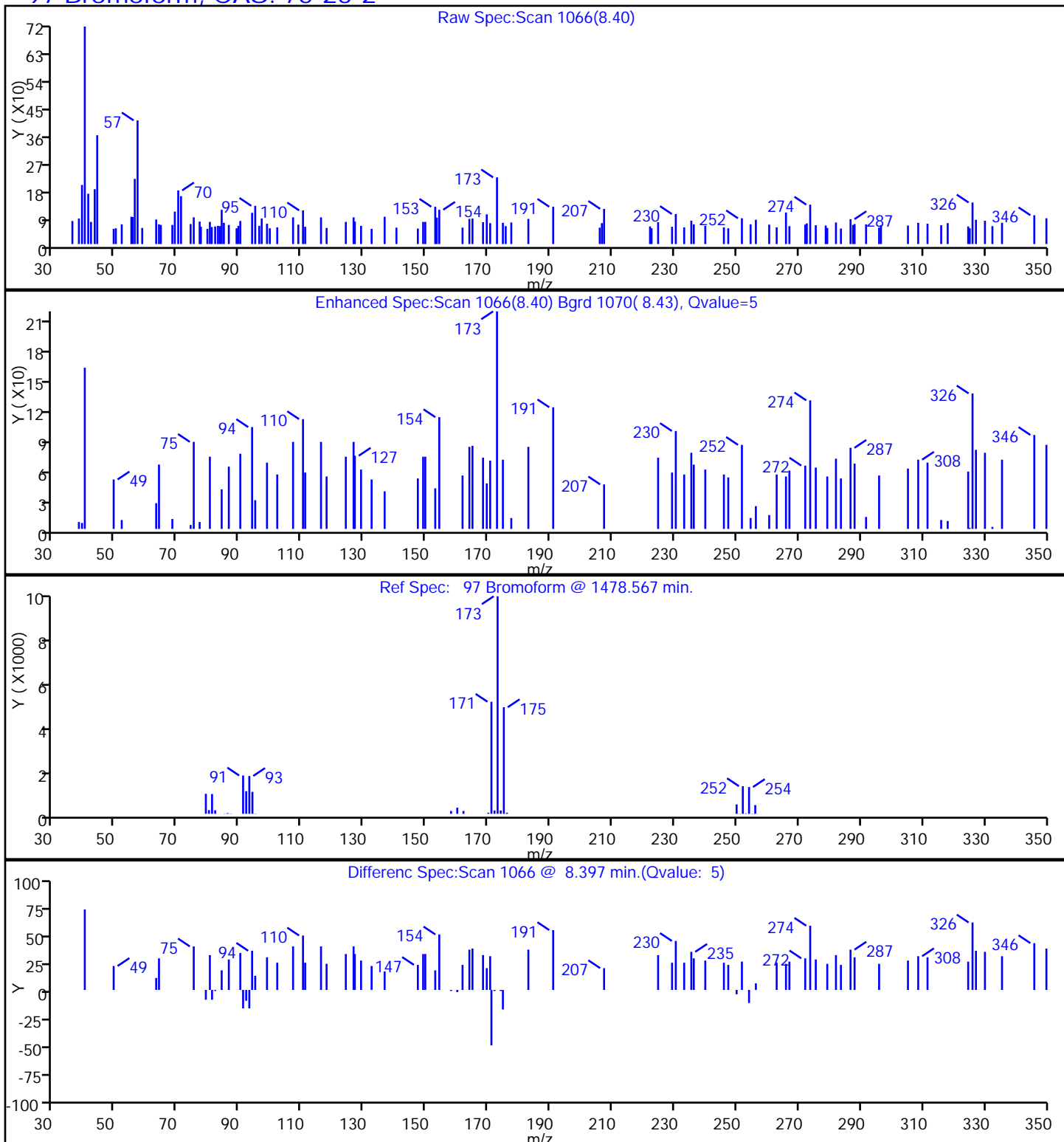
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

97 Bromoform, CAS: 75-25-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

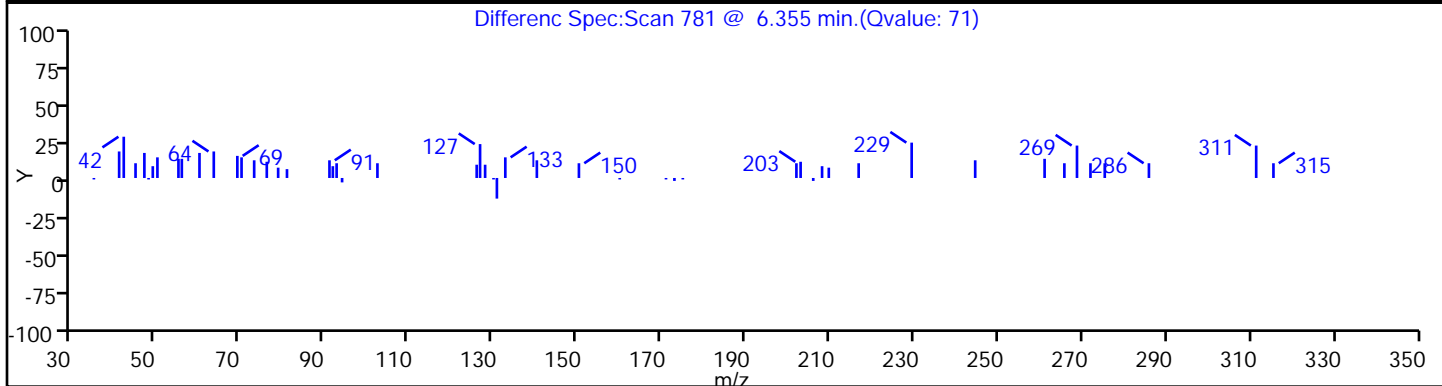
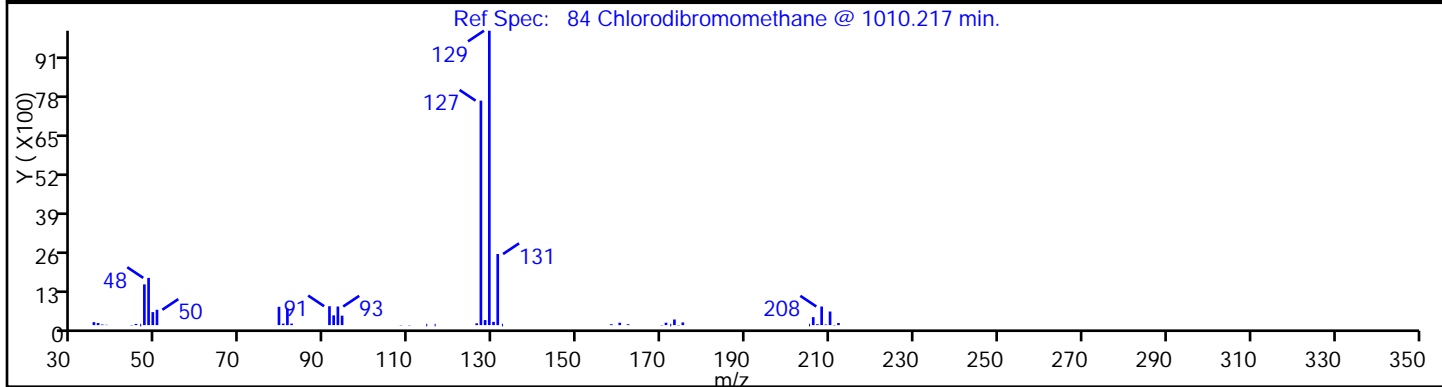
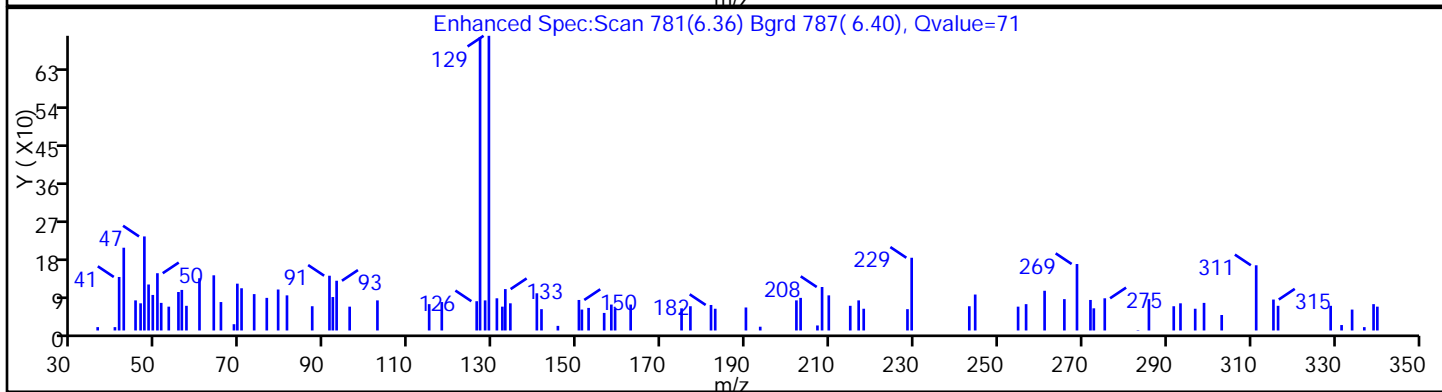
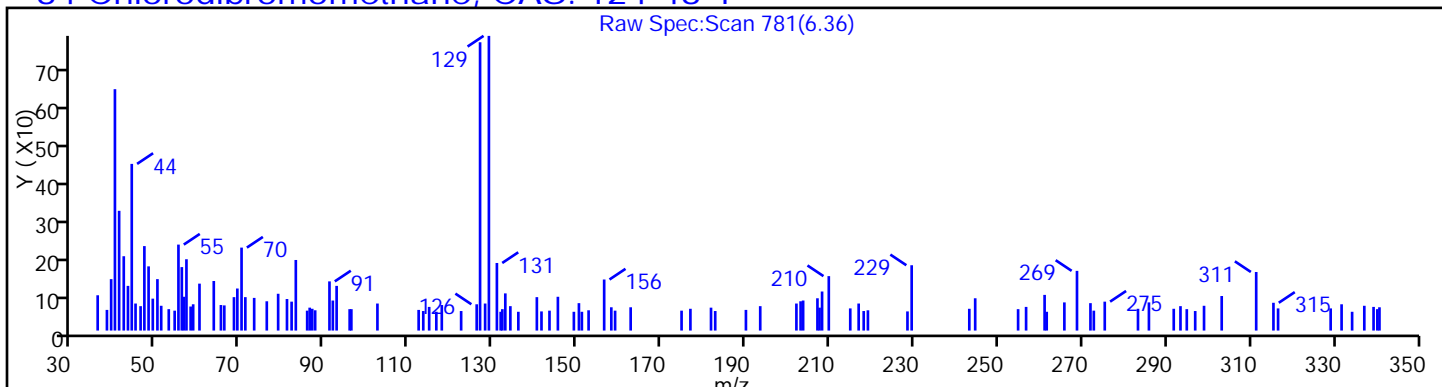
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

84 Chlorodibromomethane, CAS: 124-48-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

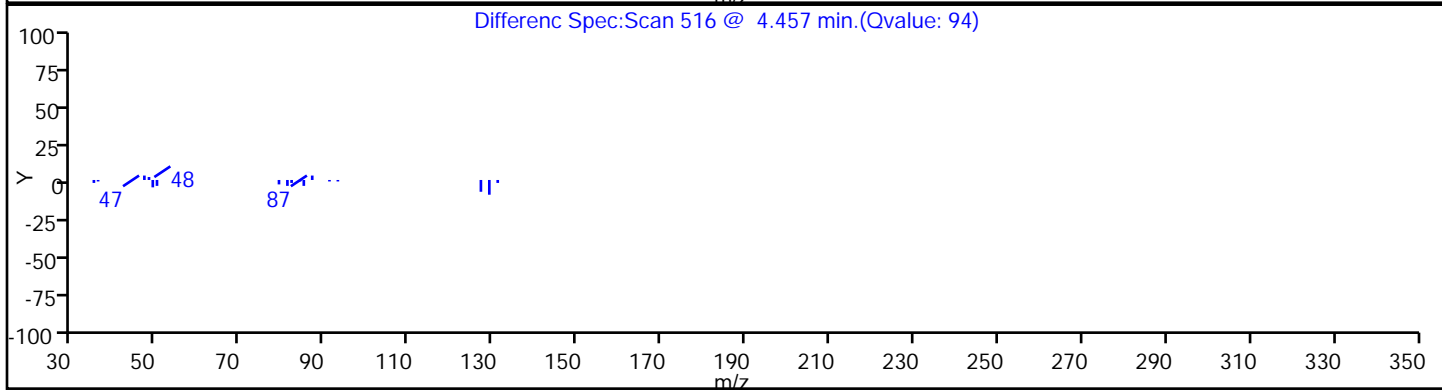
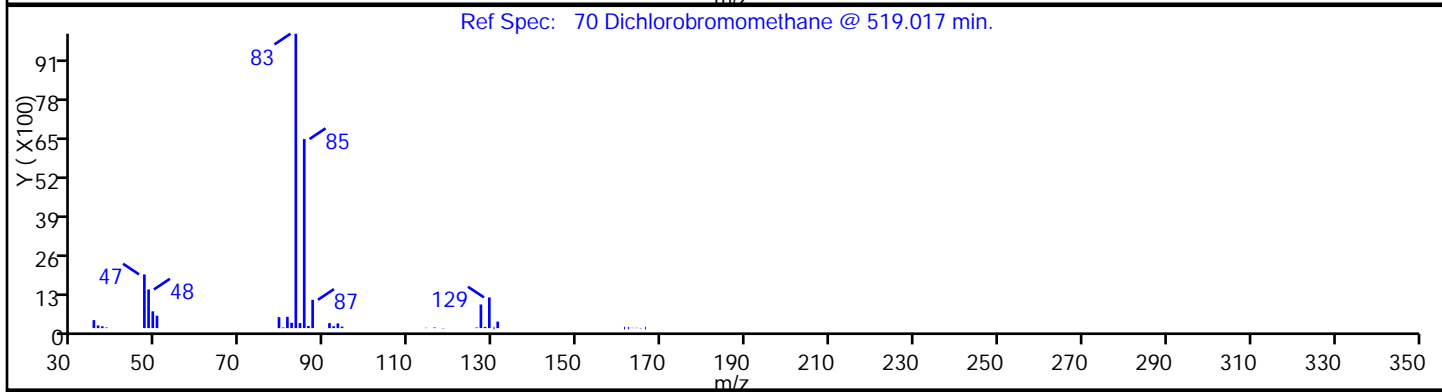
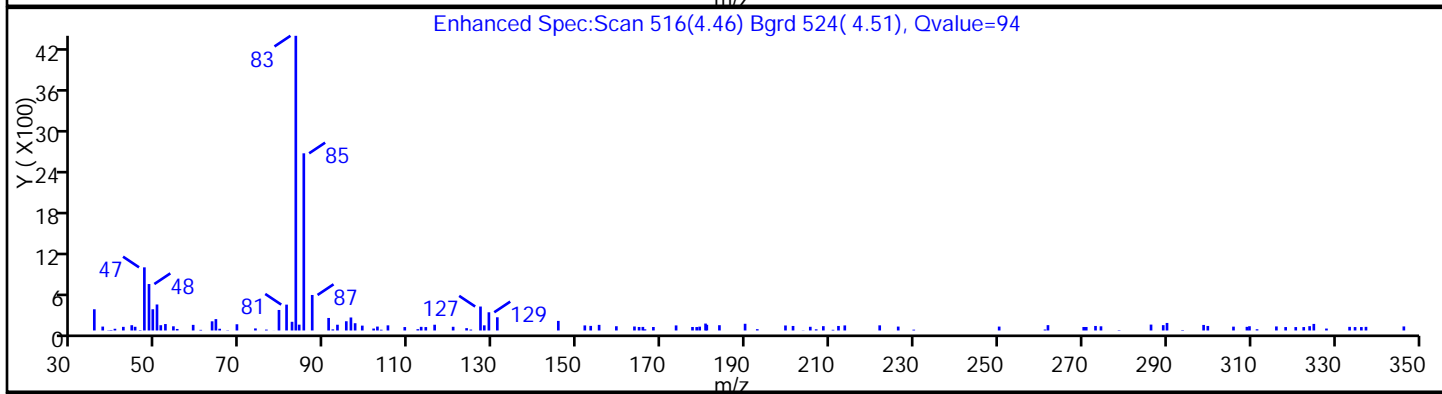
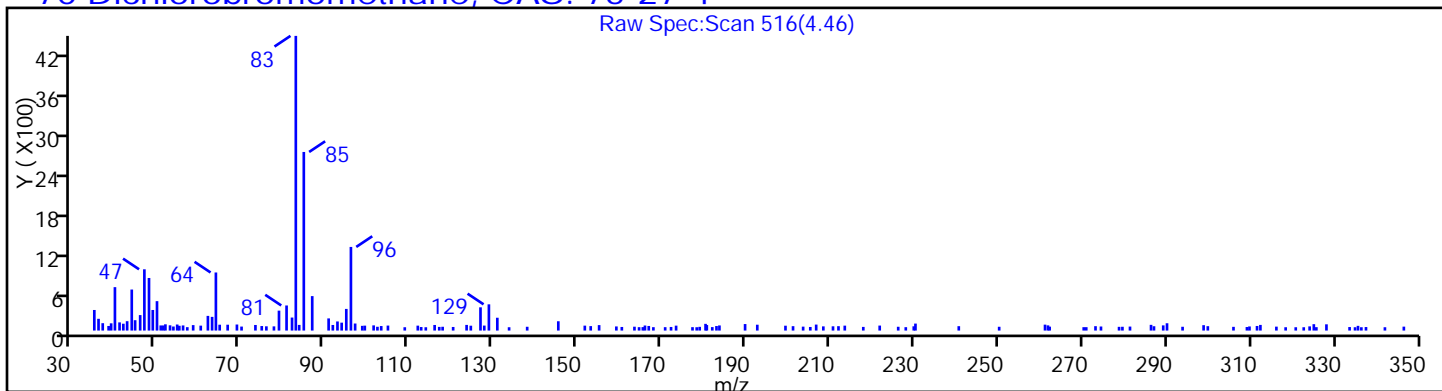
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

70 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

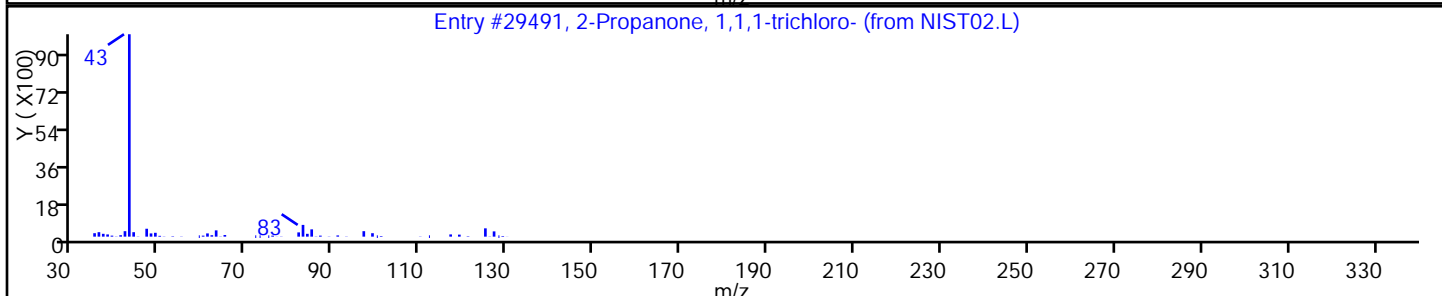
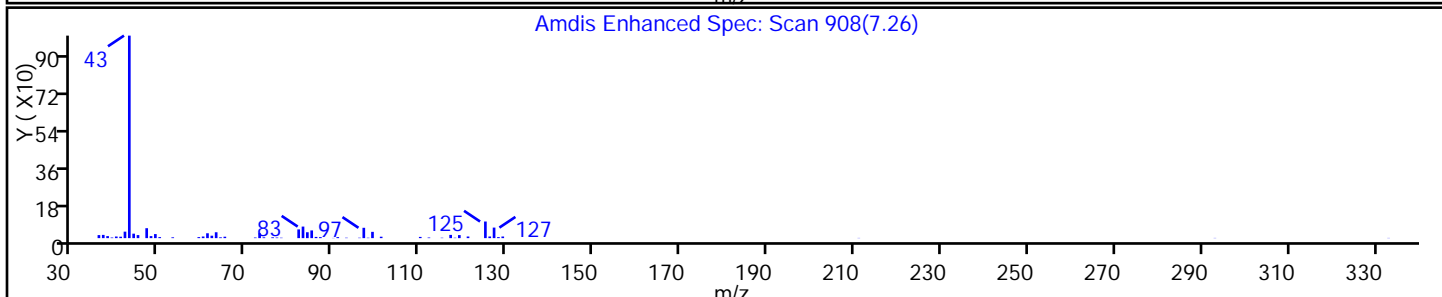
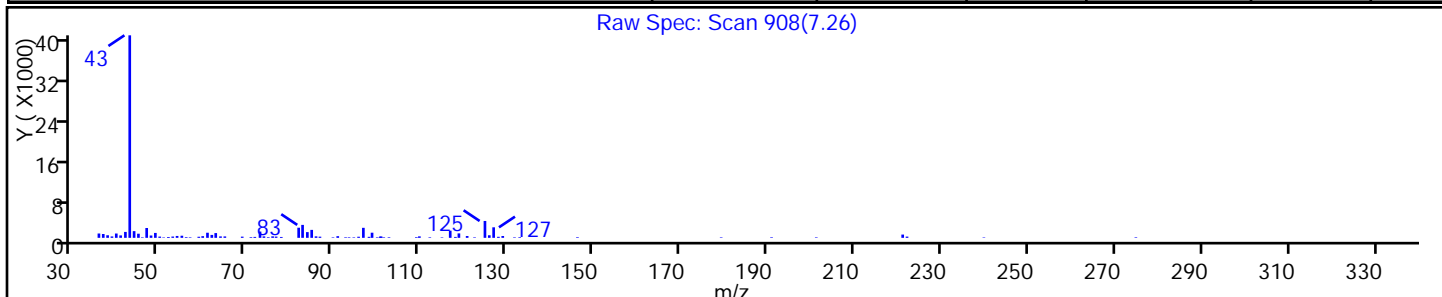
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Propanone, 1,1,1-trichloro-	918-00-3	NIST02.L	29491	C3H3Cl3O	160	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84786.D

Injection Date: 14-Mar-2014 10:01:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

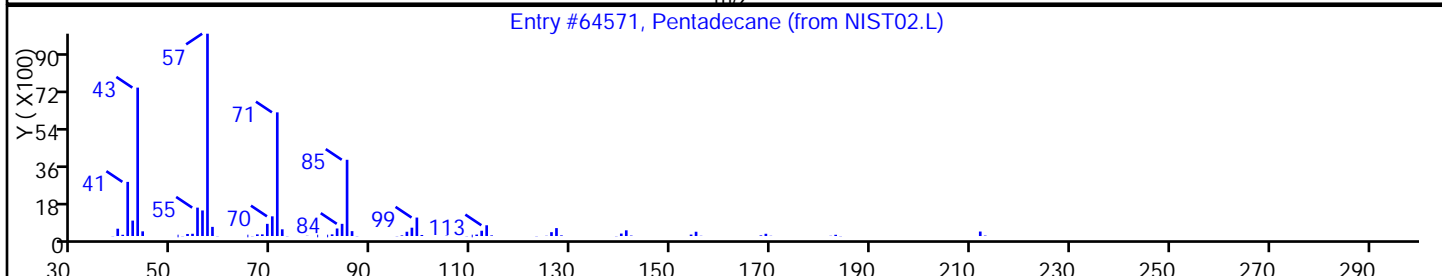
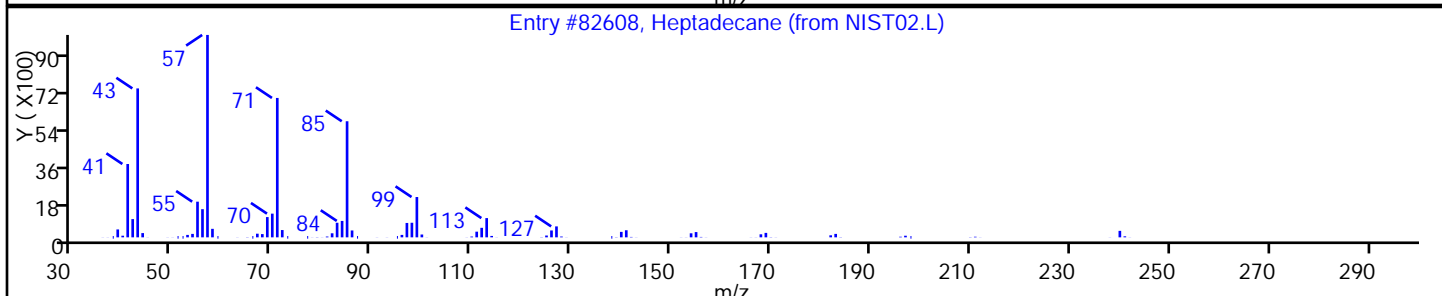
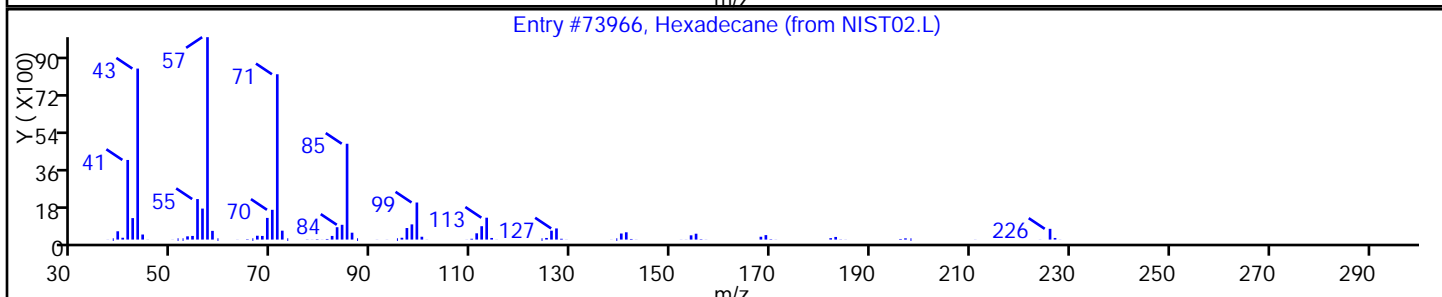
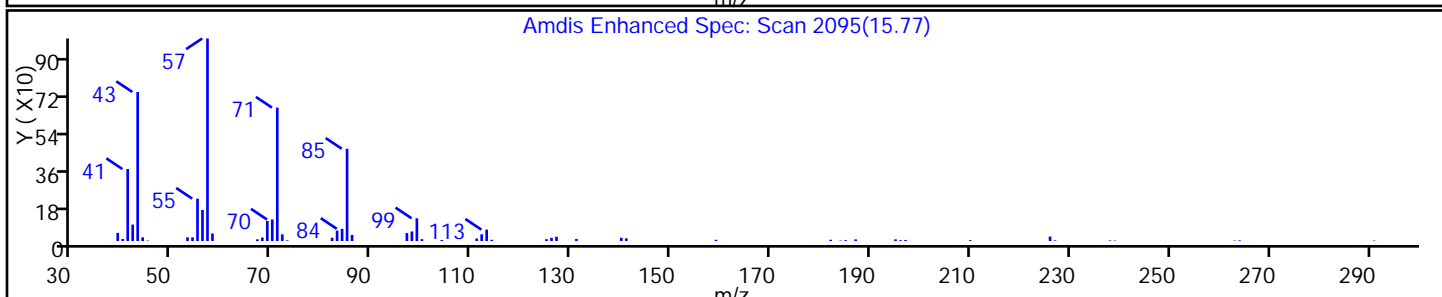
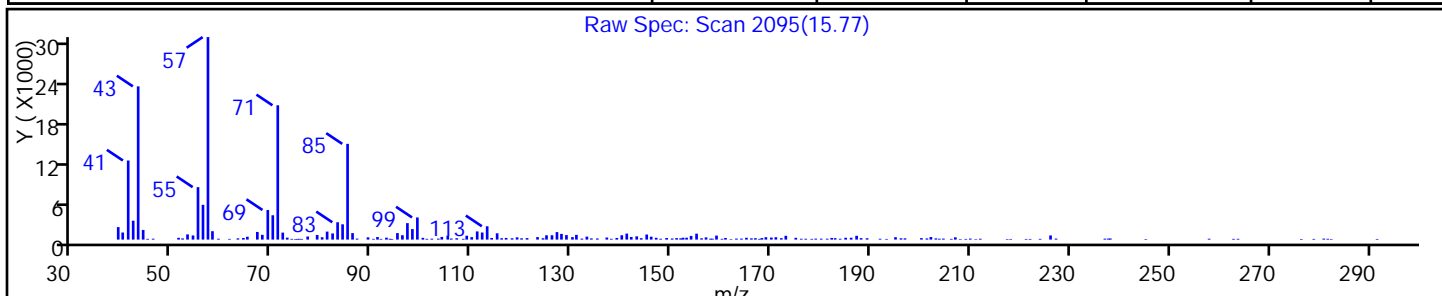
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	95
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	90
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	86



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: O84766.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:20
 Sample wt/vol: 4.758(g) Date Analyzed: 03/14/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.5 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.65	J	1.1	0.17
67-64-1	Acetone	7.6	B	5.6	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	0.15	U	1.1	0.15
156-59-2	cis-1,2-Dichloroethene	0.12	U	1.1	0.12
67-66-3	Chloroform	0.61	J	1.1	0.27
78-93-3	2-Butanone	0.71	U	5.6	0.71
107-06-2	1,2-Dichloroethane	0.20	U	1.1	0.20
71-55-6	1,1,1-Trichloroethane	0.15	U	1.1	0.15
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	0.15	U	1.1	0.15
98-82-8	Isopropylbenzene	0.12	U	1.1	0.12
591-78-6	2-Hexanone	0.15	U	5.6	0.15
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	0.36	U	5.6	0.36
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	0.16	U	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	5.6	0.22
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.1	0.16
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: O84766.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:20
 Sample wt/vol: 4.758(g) Date Analyzed: 03/14/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.5 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.21	U	1.1	0.21
87-61-6	1,2,3-Trichlorobenzene	0.18	U	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	0.13	U	1.1	0.13
1330-20-7	Xylenes, Total	0.75	U	2.2	0.75
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	0.25	U	1.1	0.25
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.36	U	1.1	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	94		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: O84766.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:20
 Sample wt/vol: 4.758(g) Date Analyzed: 03/14/2014 01:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 6.5 Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84766.D
 Lims ID: 460-72180-A-16-A Lab Sample ID: 460-72180-16
 Client ID: PMP-26SW-VD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 01:30:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-16-A
 Misc. Info.: 460-0010824-017
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:57:50 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:57:50

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.592	-0.008	84	13881	6.79	
25 Methylene Chloride	84	1.821	1.821	0.0	55	3422	0.5775	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	513752	1000.0	
47 Chloroform	83	2.895	2.895	0.0	84	5238	0.5435	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	175818	45.9	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	87	182657	45.8	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	947796	50.0	
* 150 1,4-Dioxane-d8	96	4.292	4.278	0.014	91	38356	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	805030	45.4	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	676238	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	225140	47.2	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	319442	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84766.D

Injection Date: 14-Mar-2014 01:30:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-16-A

Lab Sample ID: 460-72180-16

Worklist Smp#: 17

Client ID: PMP-26SW-VD

Purge Vol: 5.000 mL

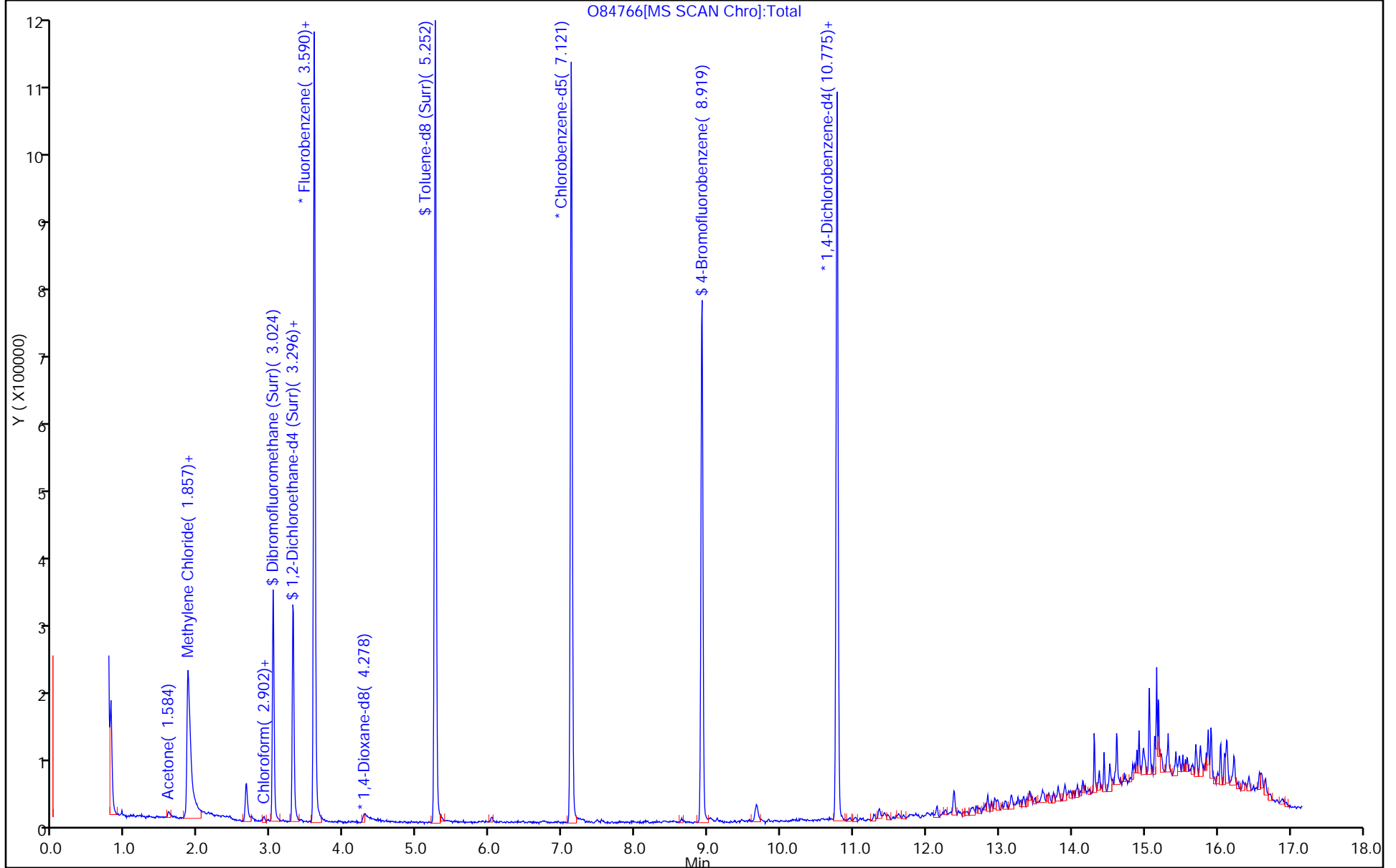
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84766.D

Injection Date: 14-Mar-2014 01:30:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-16-A

Lab Sample ID: 460-72180-16

Client ID: PMP-26SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

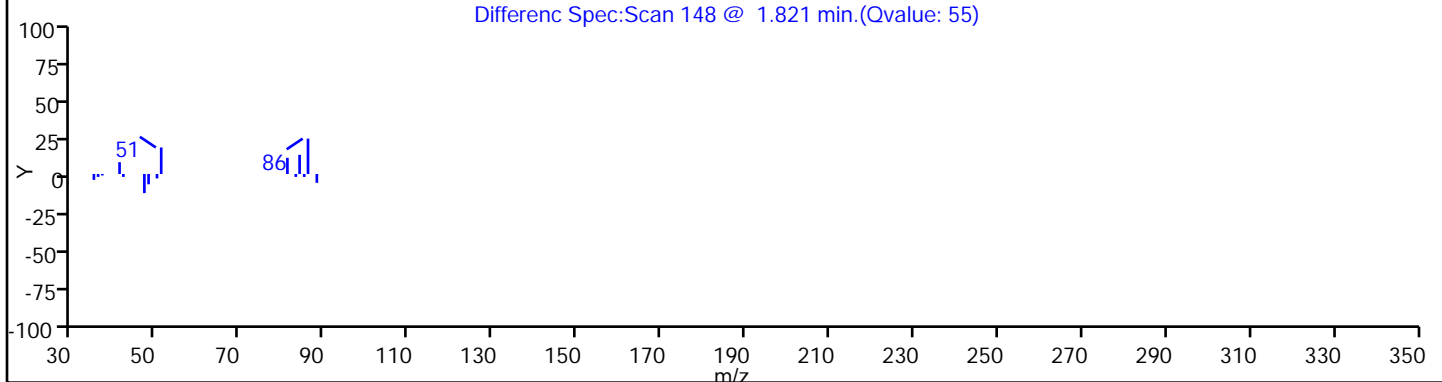
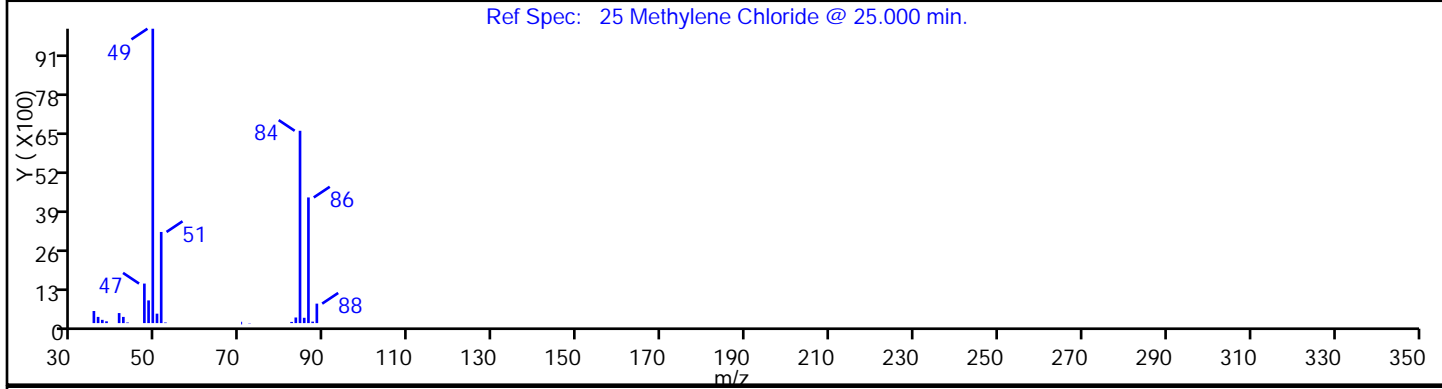
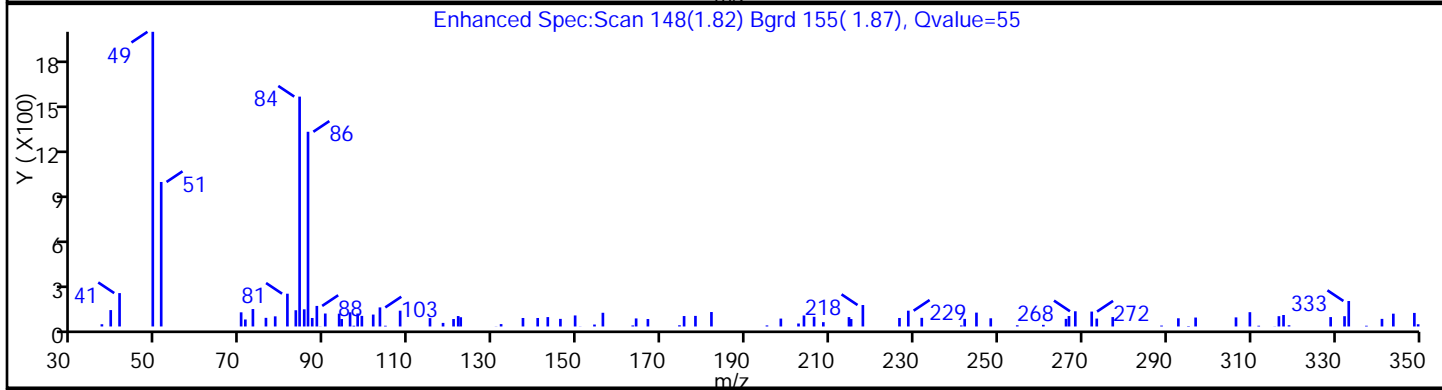
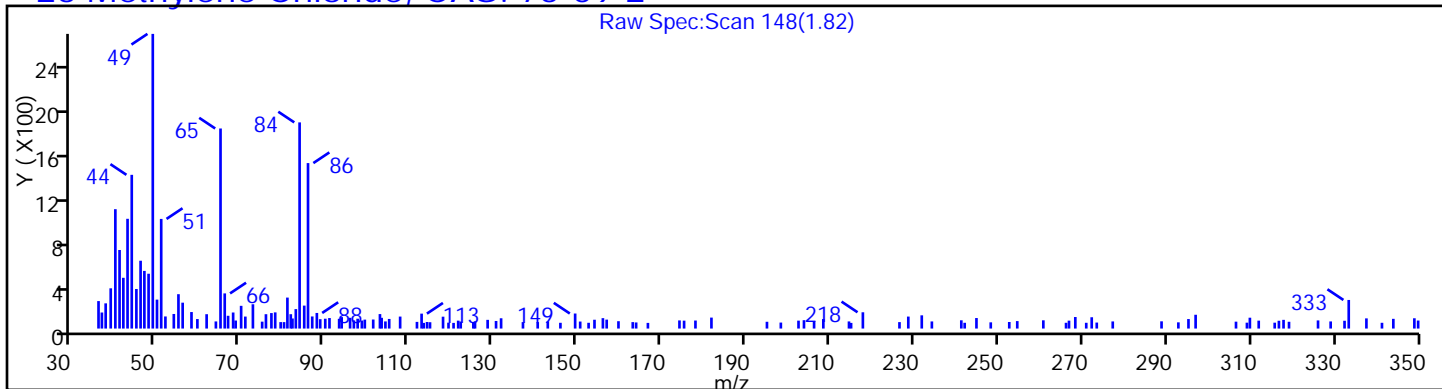
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84766.D

Injection Date: 14-Mar-2014 01:30:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-16-A

Lab Sample ID: 460-72180-16

Client ID: PMP-26SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

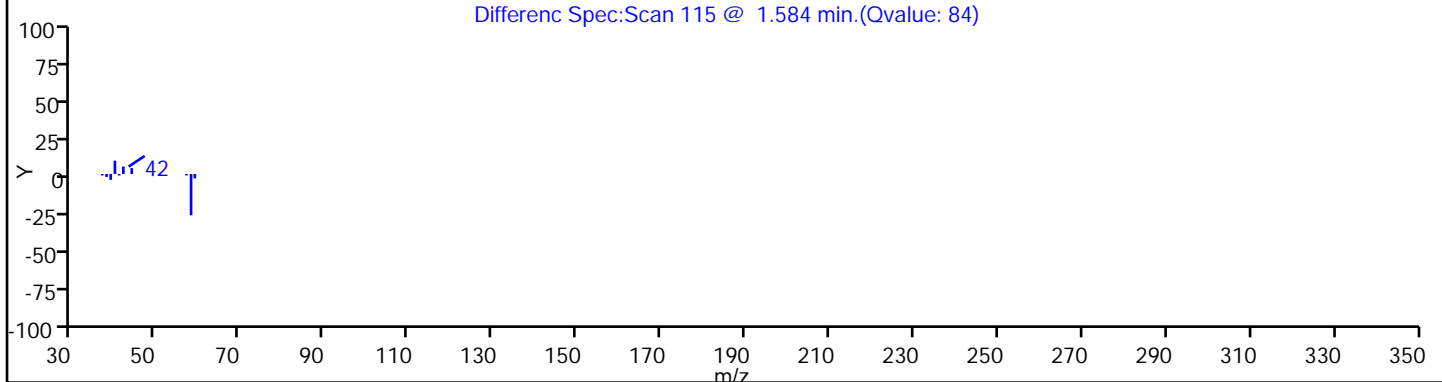
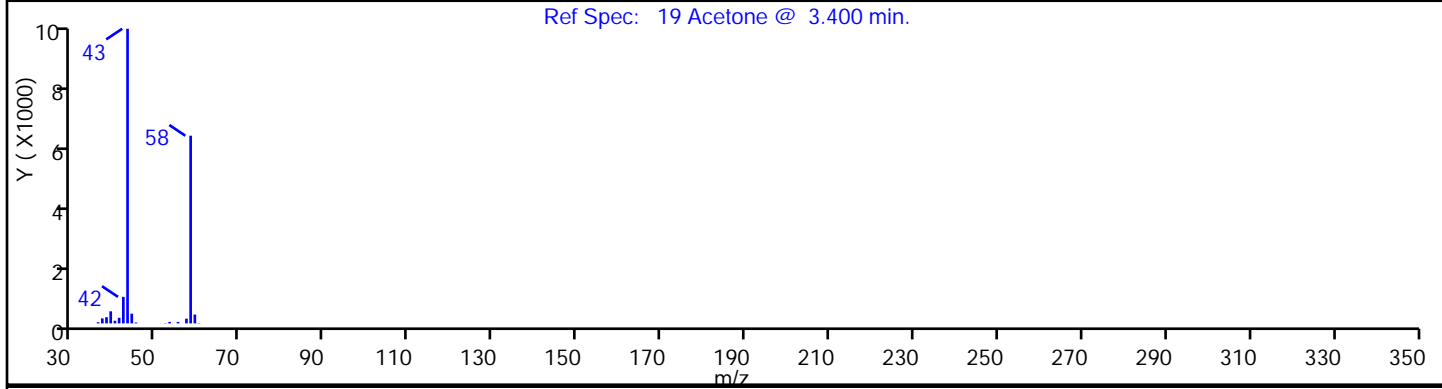
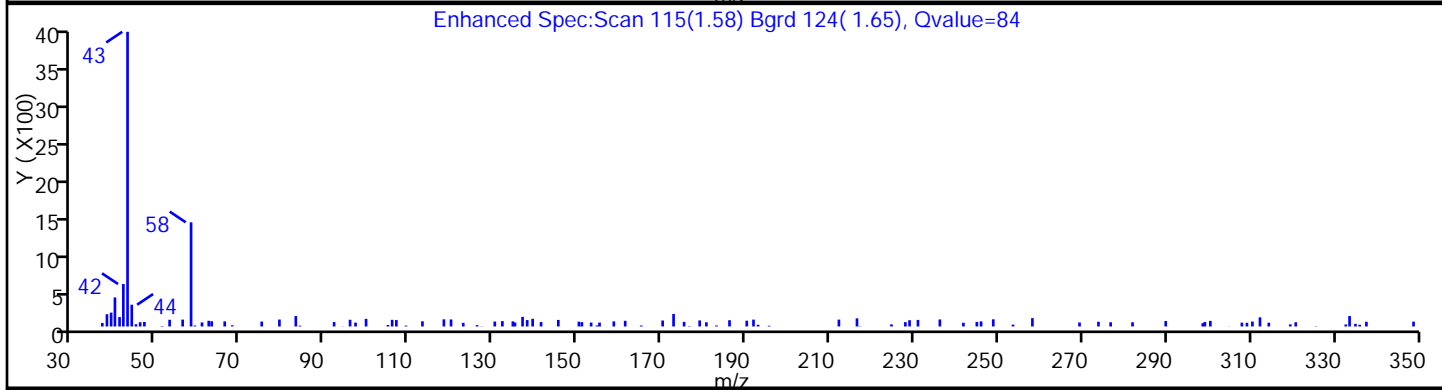
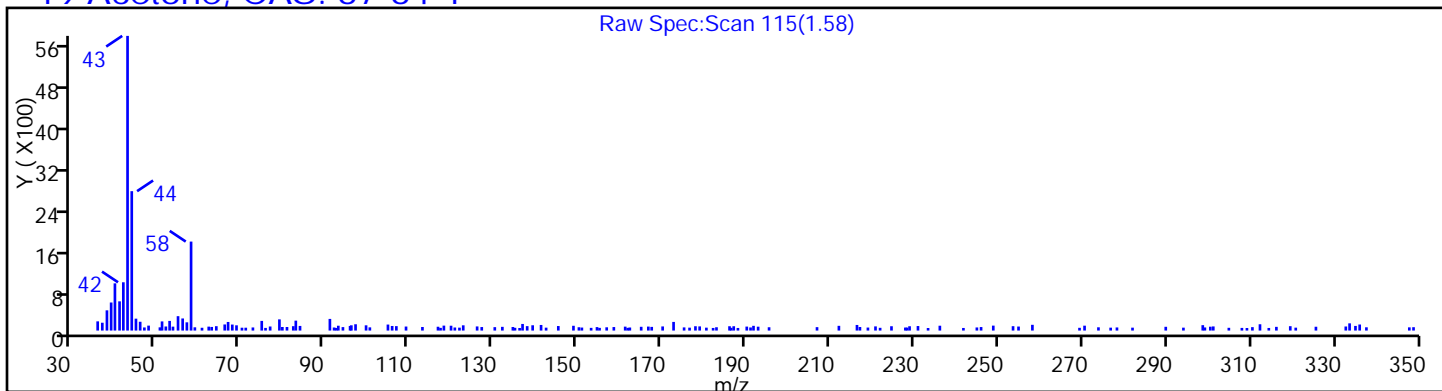
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84766.D

Injection Date: 14-Mar-2014 01:30:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-16-A

Lab Sample ID: 460-72180-16

Client ID: PMP-26SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

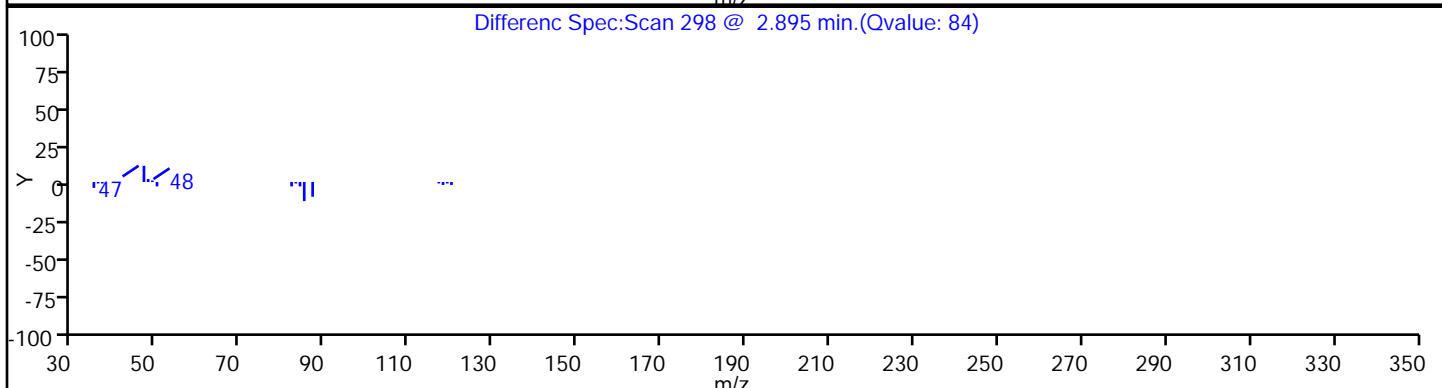
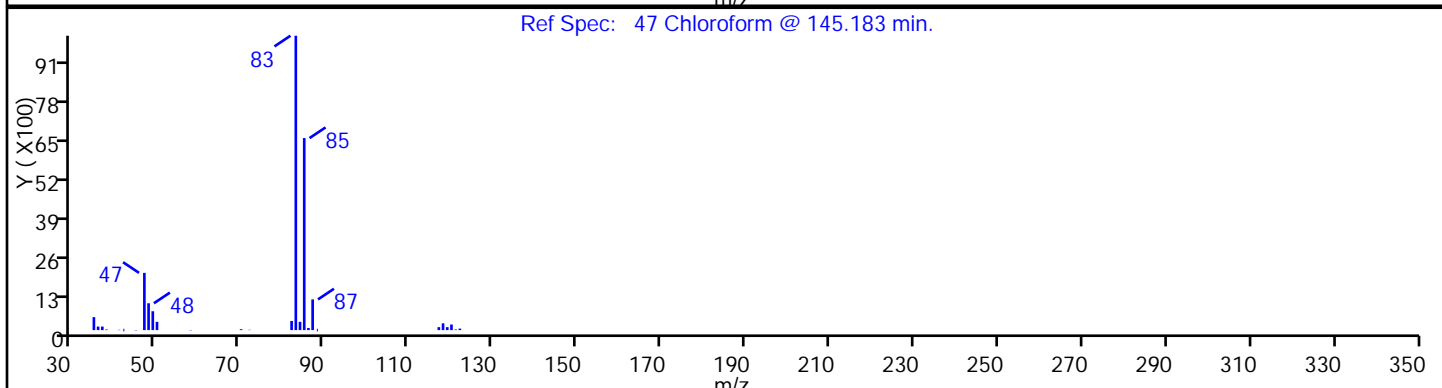
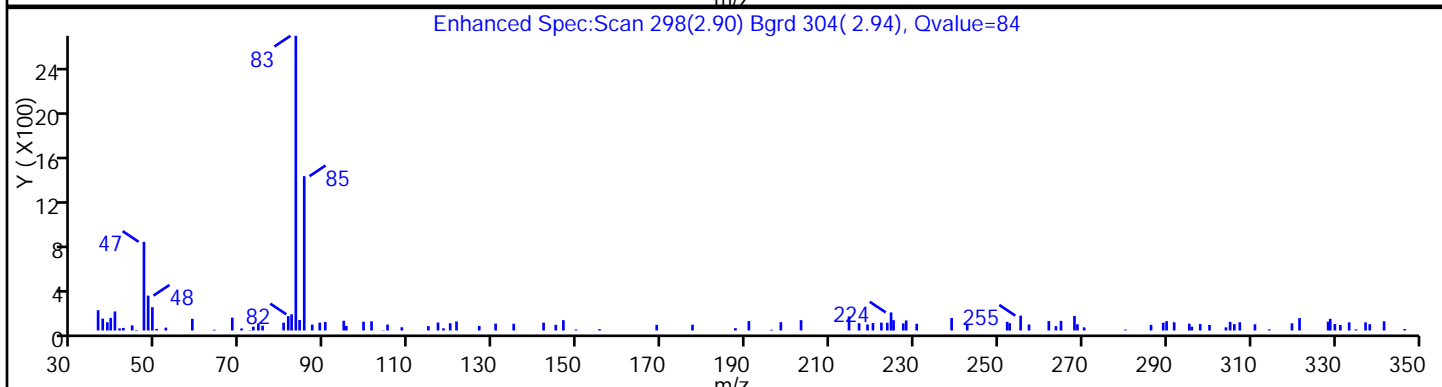
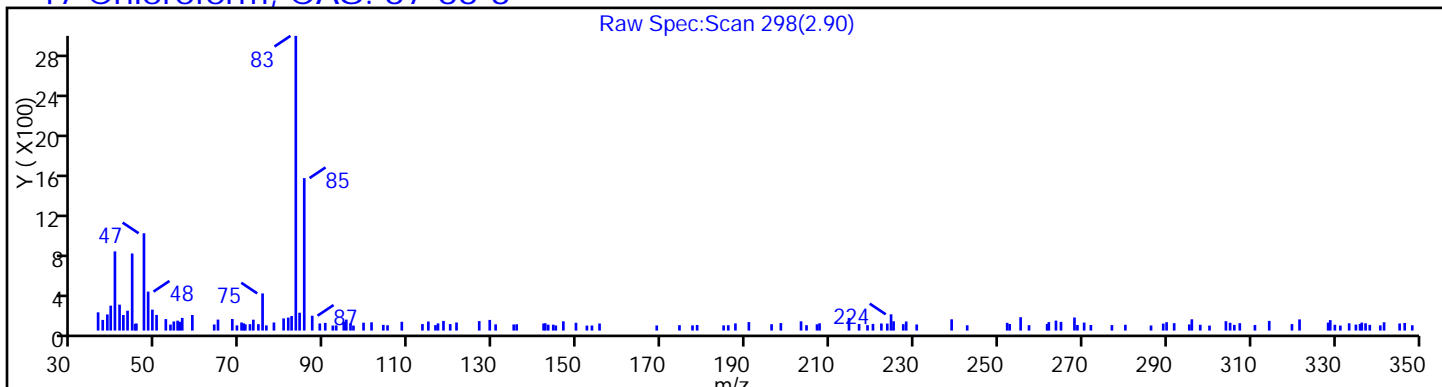
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: O84767.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:25
 Sample wt/vol: 5.608(g) Date Analyzed: 03/14/2014 01:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.1 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.35	U	1.0	0.35
75-00-3	Chloroethane	0.34	U	1.0	0.34
75-09-2	Methylene Chloride	0.65	J	1.0	0.16
67-64-1	Acetone	73	B	5.2	1.8
75-15-0	Carbon disulfide	1.1		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	0.11	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	5.2		1.0	0.25
78-93-3	2-Butanone	15		5.2	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	0.16	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	0.39	J	1.0	0.18
108-90-7	Chlorobenzene	4.3		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	5.2	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	5.2	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	0.41	J	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	3.5		1.0	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: O84767.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:25
 Sample wt/vol: 5.608(g) Date Analyzed: 03/14/2014 01:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	32		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	30		1.0	0.20
87-61-6	1,2,3-Trichlorobenzene	7.4		1.0	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.0	0.16
108-87-2	Methylcyclohexane	5.0		1.0	0.10
127-18-4	Tetrachloroethene	0.50	J	1.0	0.12
1330-20-7	Xylenes, Total	20		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	0.093	U	1.0	0.093
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	0.11	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)	96		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	98		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: O84767.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:25
 Sample wt/vol: 5.608(g) Date Analyzed: 03/14/2014 01:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 4400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
3073-66-3	Cyclohexane, 1,1,3-trimethyl-	6.46	390	J N
2234-75-5	Cyclohexane, 1,2,4-trimethyl-	6.79	250	J N
1678-81-5	Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	7.49	270	J N
3404-61-3	1-Hexene, 3-methyl-	7.81	140	J N
59643-68-4	3,5-Dimethyl-3-heptene	8.00	750	J N
110-83-8	Cyclohexene	8.33	370	J N
15869-94-0	Octane, 3,6-dimethyl-	8.46	560	J N
872-05-9	1-Decene	8.54	440	J N
14676-29-0	Heptane, 3-ethyl-2-methyl-	8.66	570	J N
74793-36-5	Zinc, bis[2-(1,1-dimethylethyl)-3,3-dime	8.77	660	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D
 Lims ID: 460-72180-A-17-A Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 01:54:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-17-A
 Misc. Info.: 460-0010824-018
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:59:36 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:59:36

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	87	136648	70.0	
21 Carbon disulfide	76	1.663	1.656	0.007	97	17584	1.06	
25 Methylene Chloride	84	1.821	1.821	0.0	48	3529	0.6255	
* 151 TBA-d9 (IS)	65	1.864	1.864	0.0	99	492530	1000.0	
43 2-Butanone (MEK)	72	2.680	2.680	0.0	96	9531	14.4	
47 Chloroform	83	2.902	2.895	0.007	91	46352	5.05	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	93	181444	49.7	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.304	3.296	0.008	85	182541	48.1	
* 59 Fluorobenzene	96	3.597	3.590	0.007	98	902415	50.0	
63 Methylcyclohexane	83	4.106	4.099	0.007	88	54628	4.82	
* 150 1,4-Dioxane-d8	96	4.292	4.278	0.014	76	38789	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.259	5.252	0.007	99	812205	49.8	
77 Toluene	91	5.331	5.331	0.0	59	9494	0.3925	
80 Tetrachloroethene	166	6.004	5.990	0.014	16	2384	0.4795	
* 87 Chlorobenzene-d5	117	7.129	7.121	0.008	77	622317	50.0	
88 Chlorobenzene	112	7.165	7.157	0.007	84	59071	4.12	
89 Ethylbenzene	106	7.365	7.358	0.007	1	3169	0.3722	
91 m-Xylene & p-Xylene	106	7.551	7.544	0.007	44	7724	0.7621	
92 o-Xylene	106	8.124	8.117	0.007	92	189133	18.9	
\$ 99 4-Bromofluorobenzene	174	8.927	8.919	0.008	36	214806	49.0	
115 1,3-Dichlorobenzene	146	10.674	10.653	0.021	22	42944	3.34	
* 116 1,4-Dichlorobenzene-d4	152	10.796	10.775	0.021	51	347509	50.0	
117 1,4-Dichlorobenzene	146	10.832	10.810	0.022	57	399598	31.1	
124 1,2,4-Trichlorobenzene	180	13.189	13.181	0.008	57	237087	28.7	
128 1,2,3-Trichlorobenzene	180	13.604	13.597	0.007	1	54043	7.13	
S 131 Xylenes, Total	100				0		19.7	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D
 Lims ID: 460-72180-A-17-A Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 01:54:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-17-A
 Misc. Info.: 460-0010824-018
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:59:36 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 08:59:36

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.463	13658690	374.0	87	95	11239	C9H18	126	
6.785	8750054	239.6	87	90	11233	C9H18	126	
7.494	9562706	261.8	87	52	11276	C9H18	126	
7.809	4903252	134.2	87	62	3258	C7H14	98	
8.003	26317820	720.5	87	70	11184	C9H18	126	
8.325	13011443	356.2	87	47	1172	C6H10	82	
8.461	19660374	538.3	87	76	18447	C10H22	142	
8.540	15561332	426.0	87	52	17264	C10H20	140	
8.662	20086246	549.9	87	83	18484	C10H22	142	
8.769	23373655	639.9	87	47	124962	C18H34Zn	314	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.129	1826242	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Worklist Smp#: 18

Client ID: PMP-26SW-WT

Purge Vol: 5.000 mL

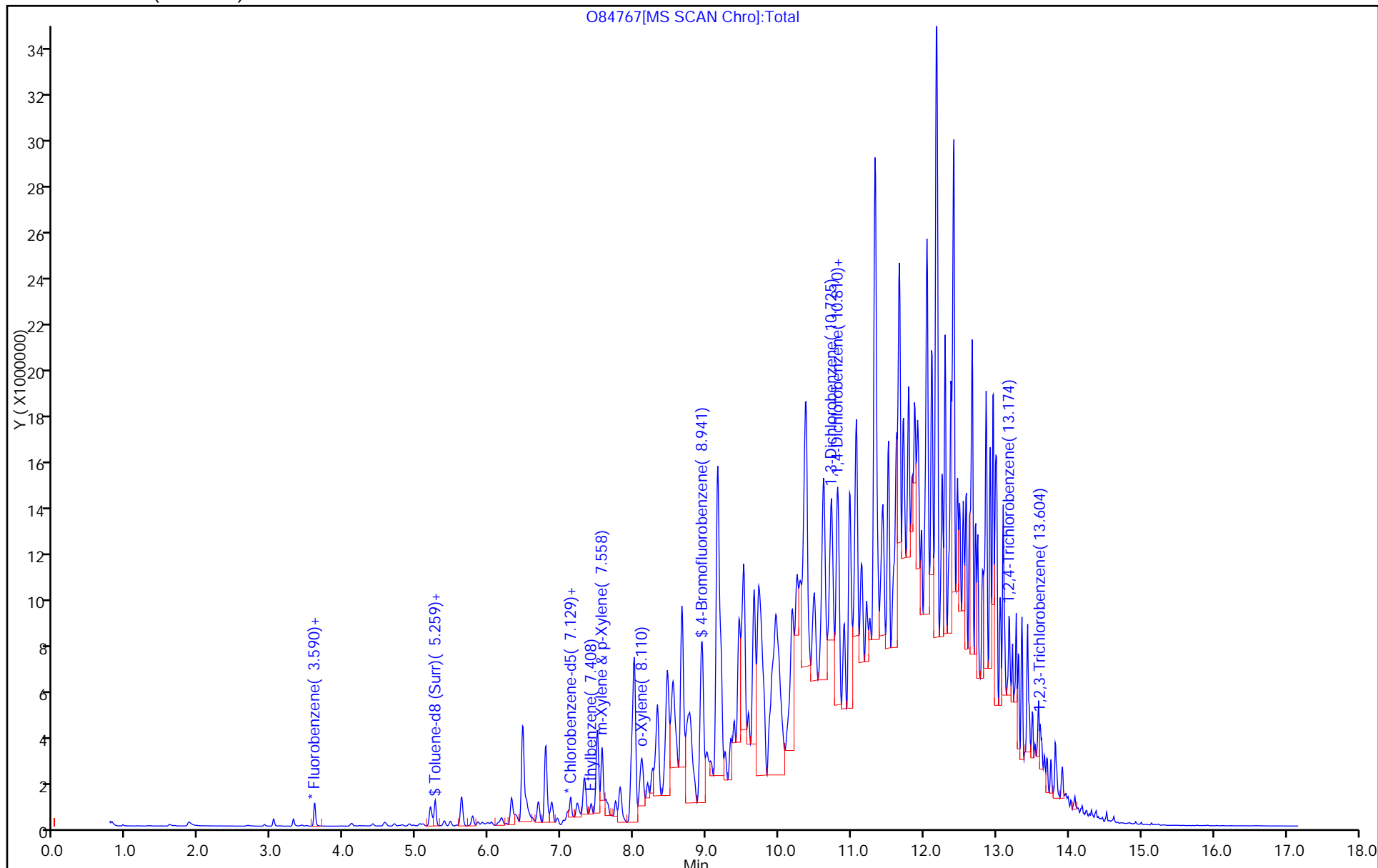
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

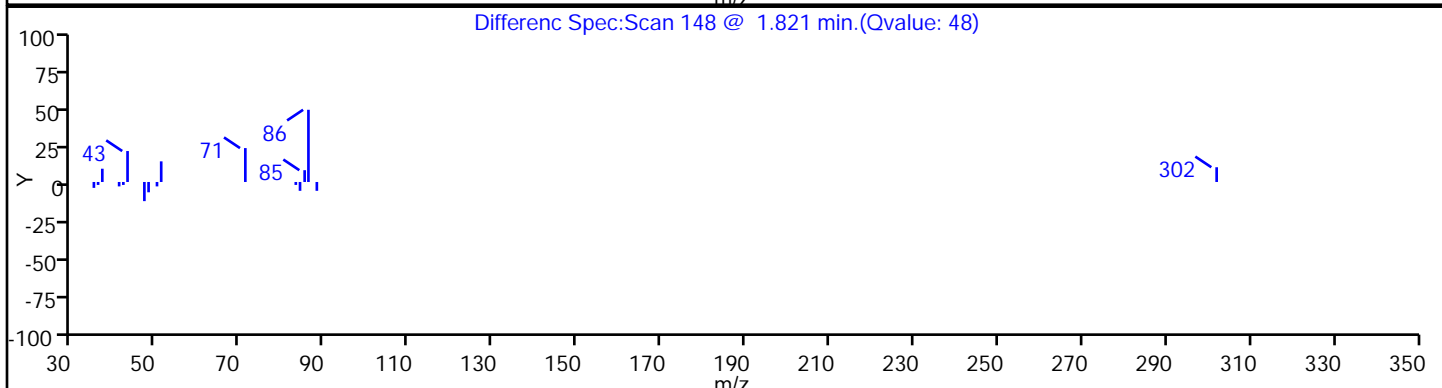
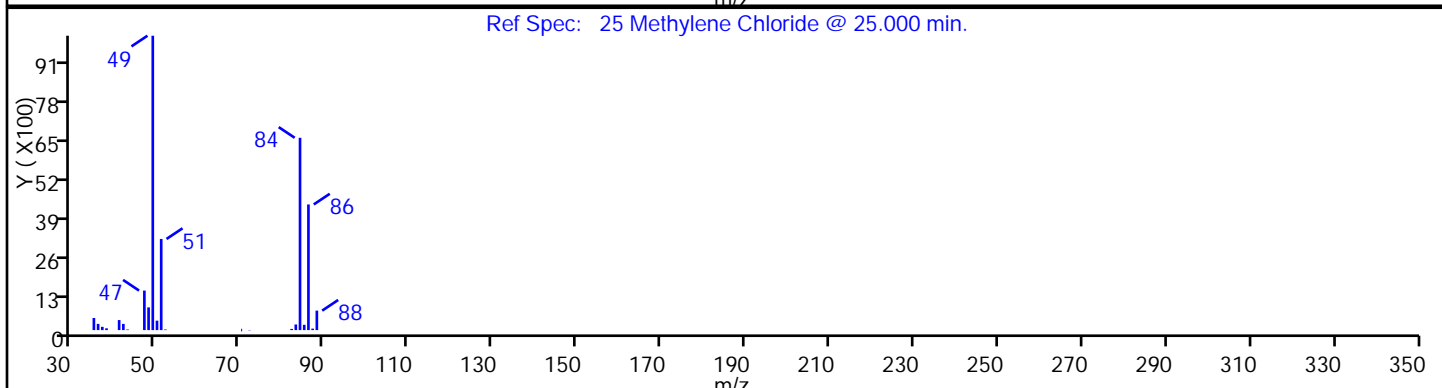
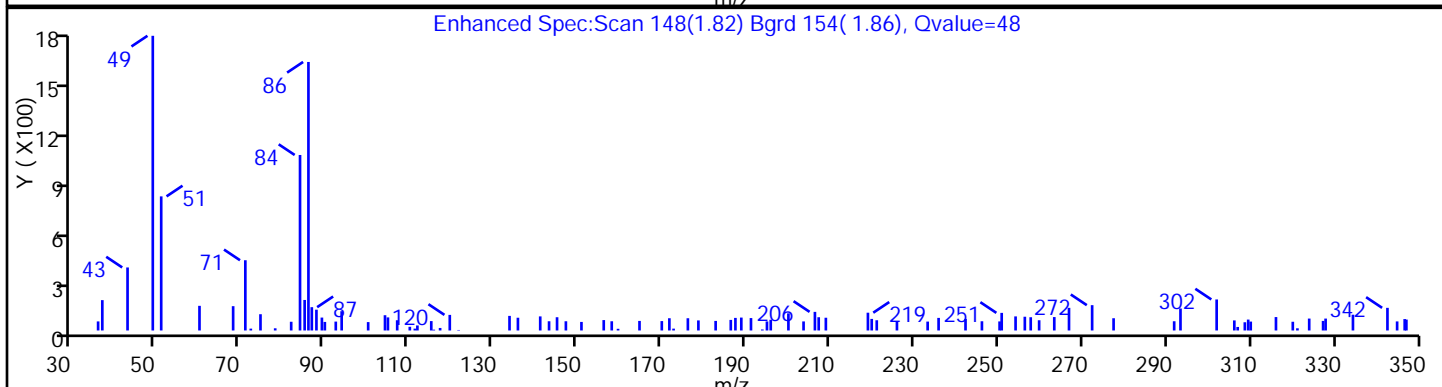
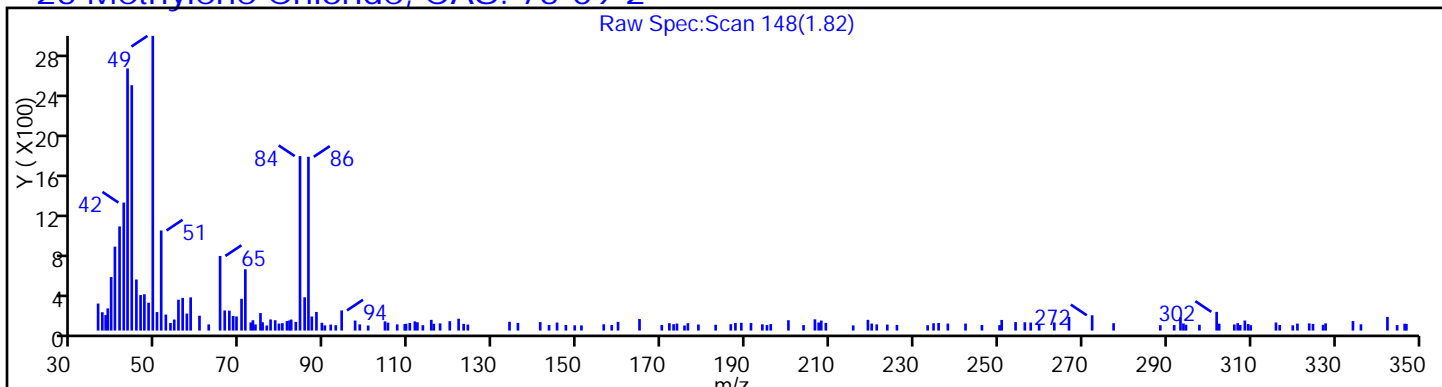
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

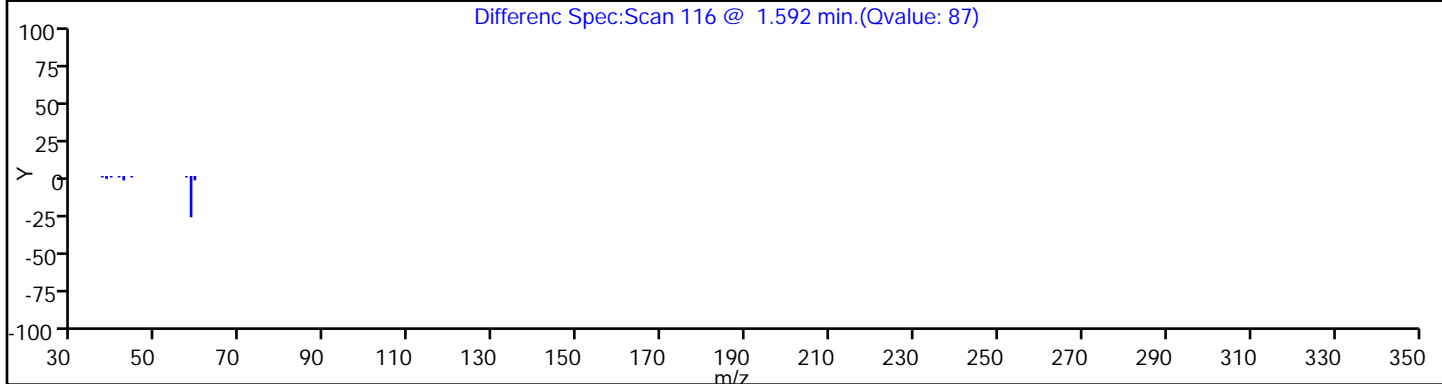
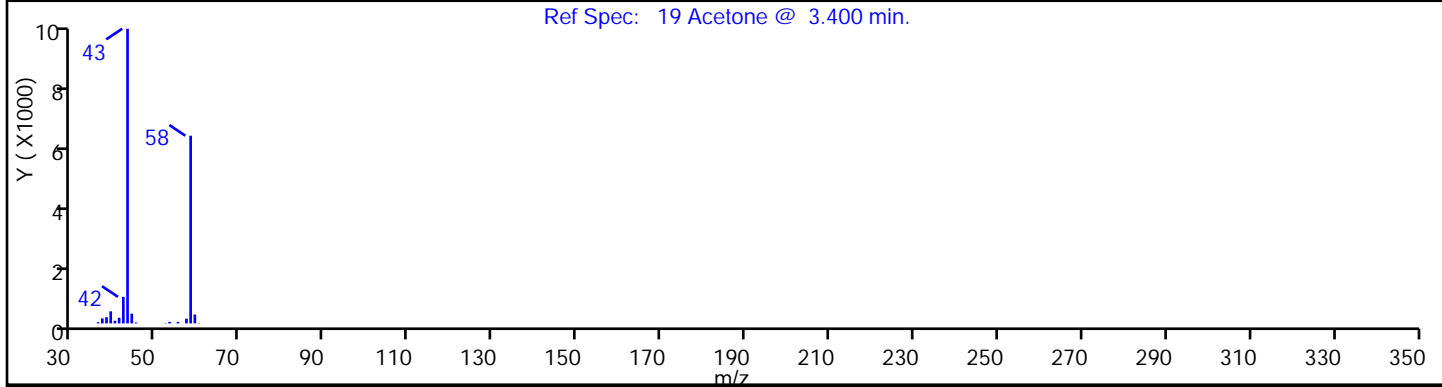
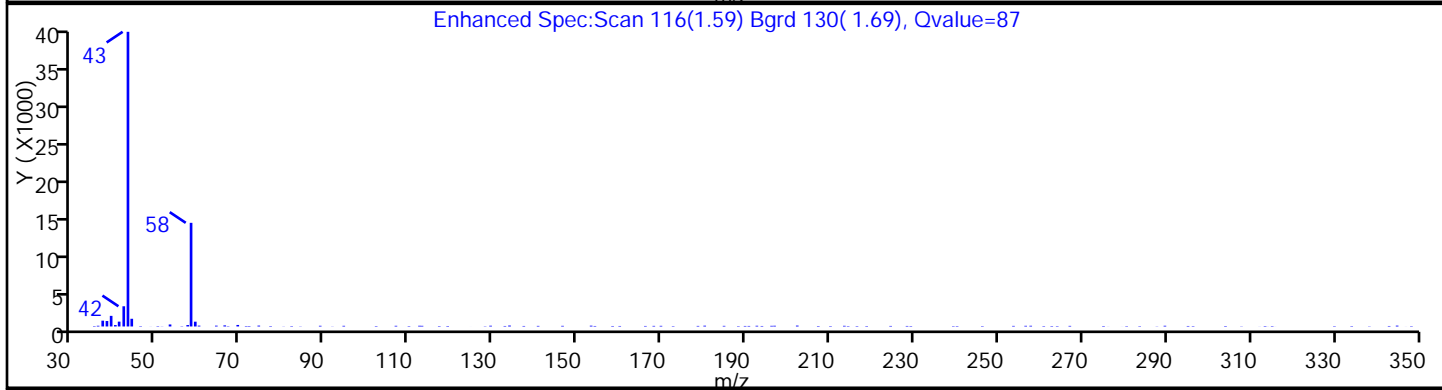
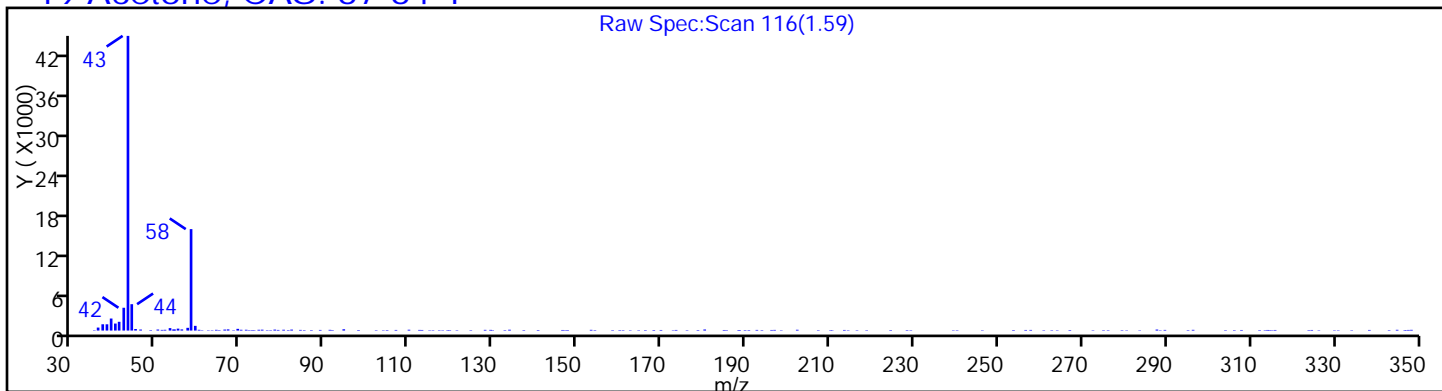
25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D
Injection Date: 14-Mar-2014 01:54:30 Instrument ID: CVOAMS12
Lims ID: 460-72180-A-17-A Lab Sample ID: 460-72180-17
Client ID: PMP-26SW-WT
Operator ID: VOA GC/MS12 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
Column: DB-624 (0.18 mm) Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

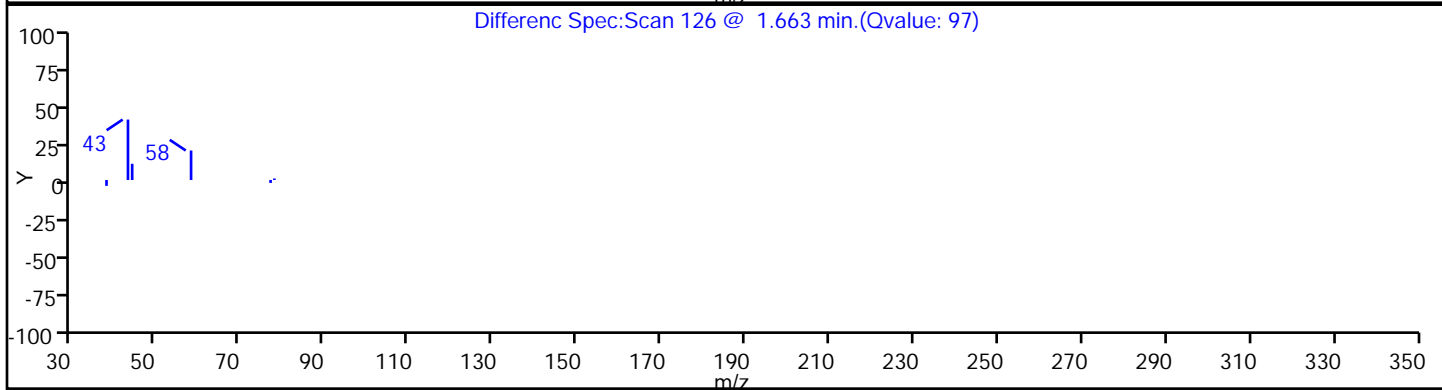
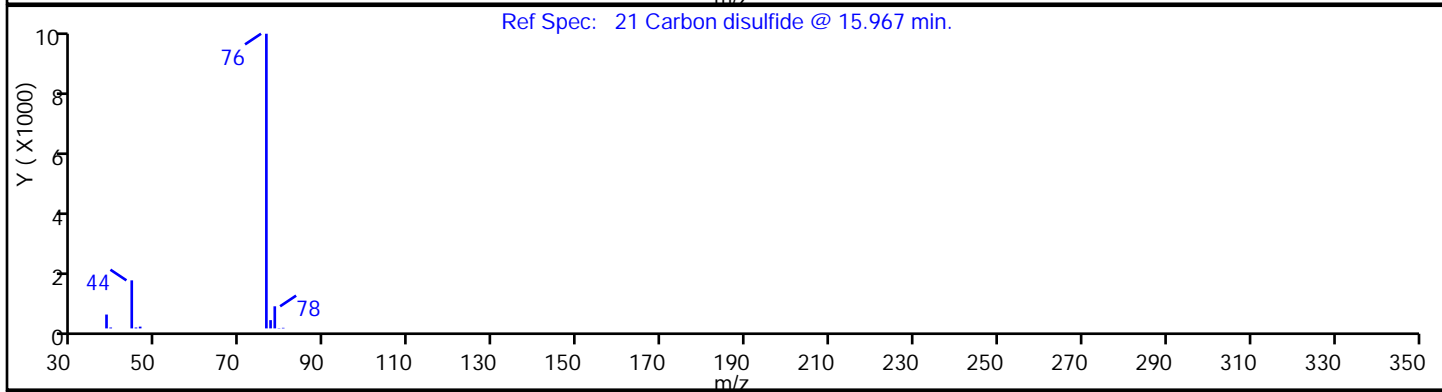
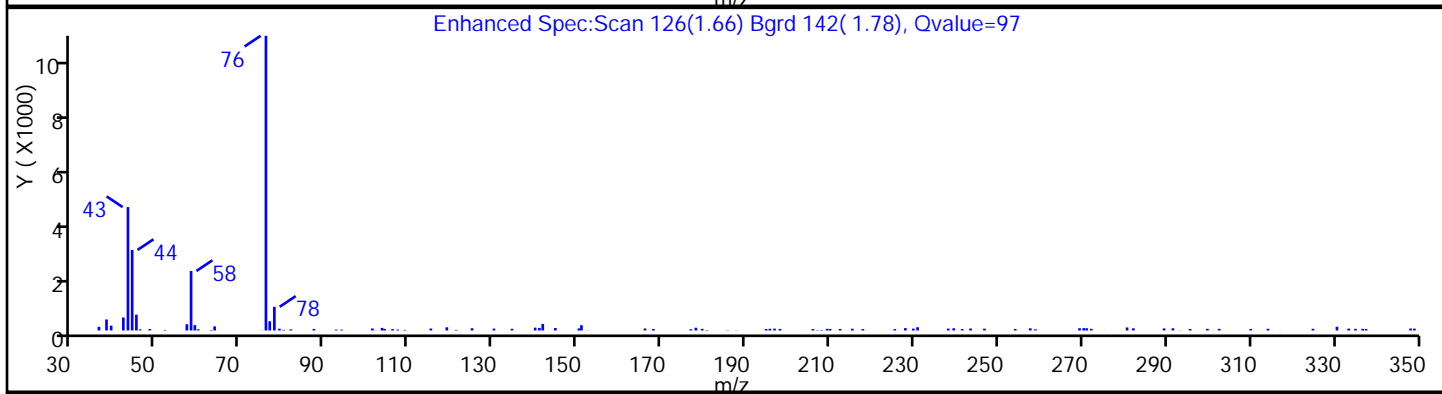
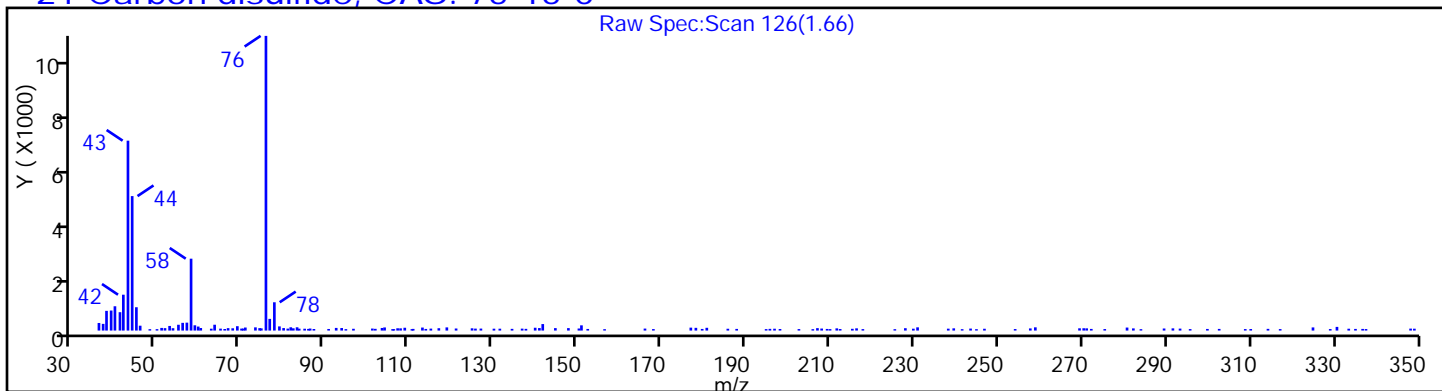
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

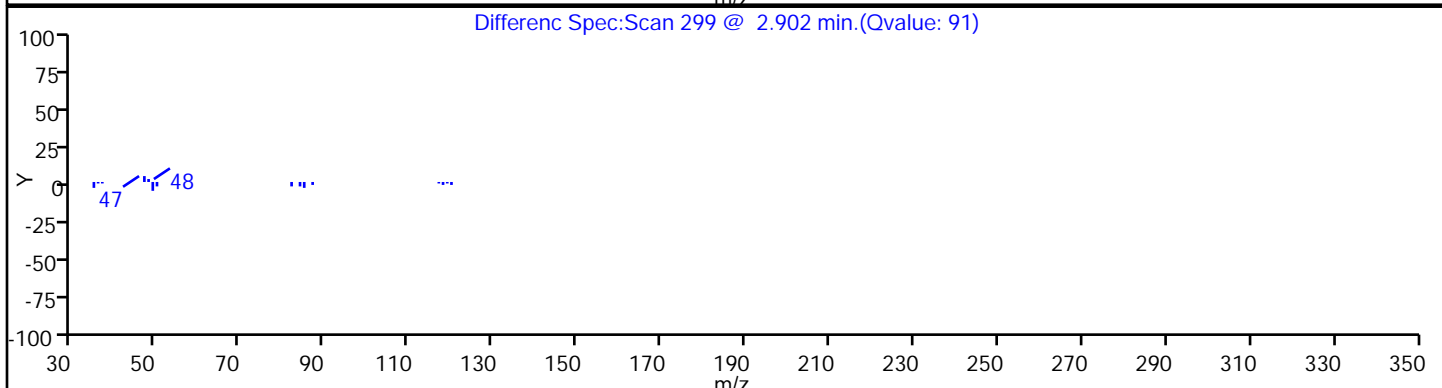
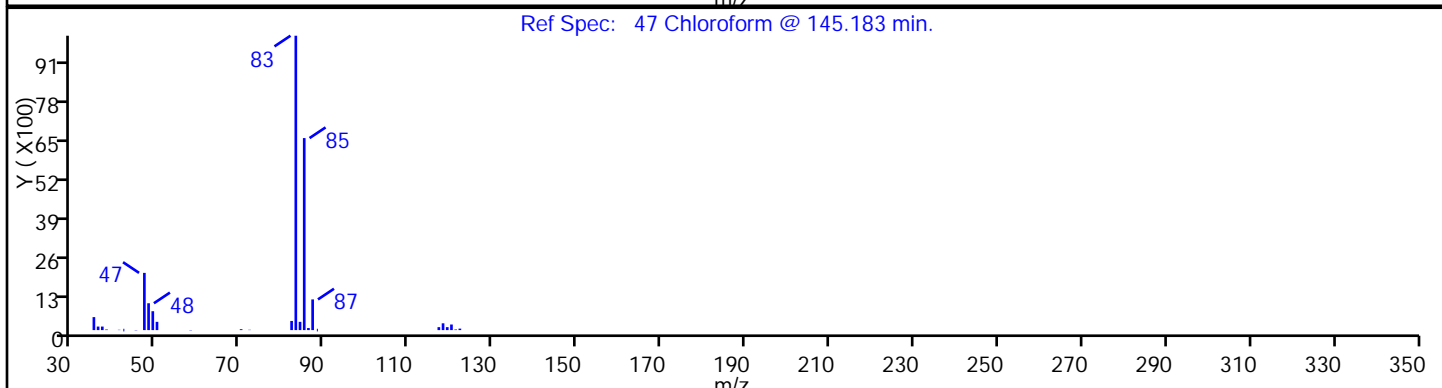
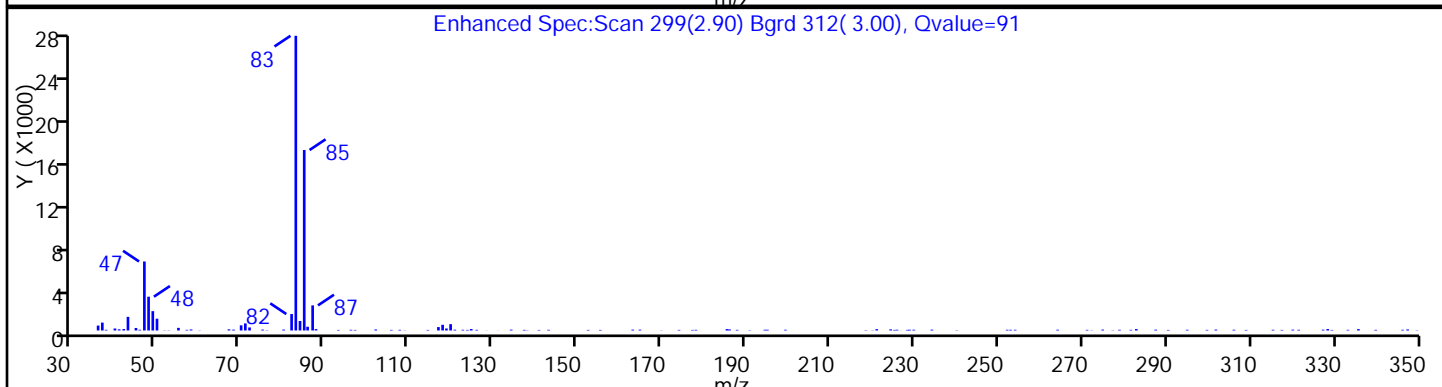
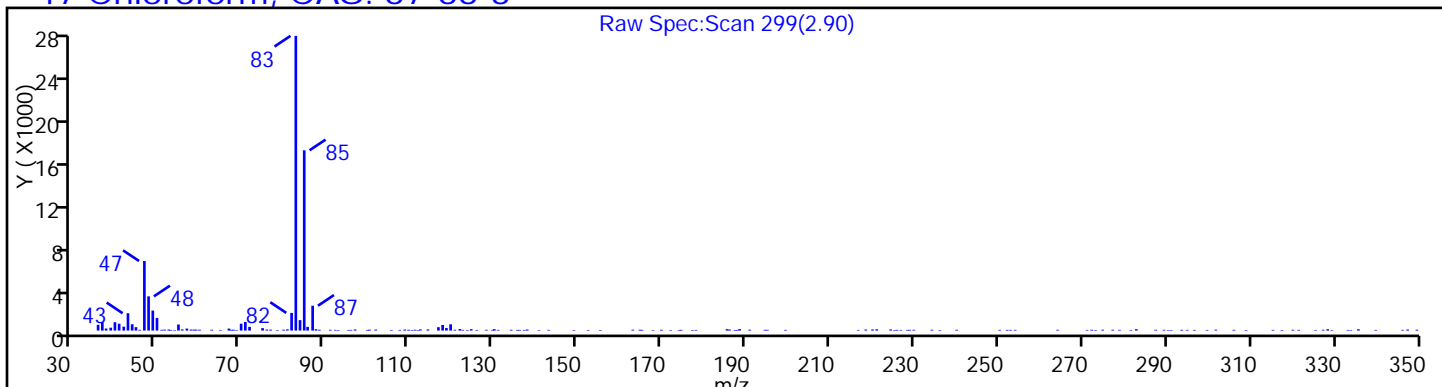
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

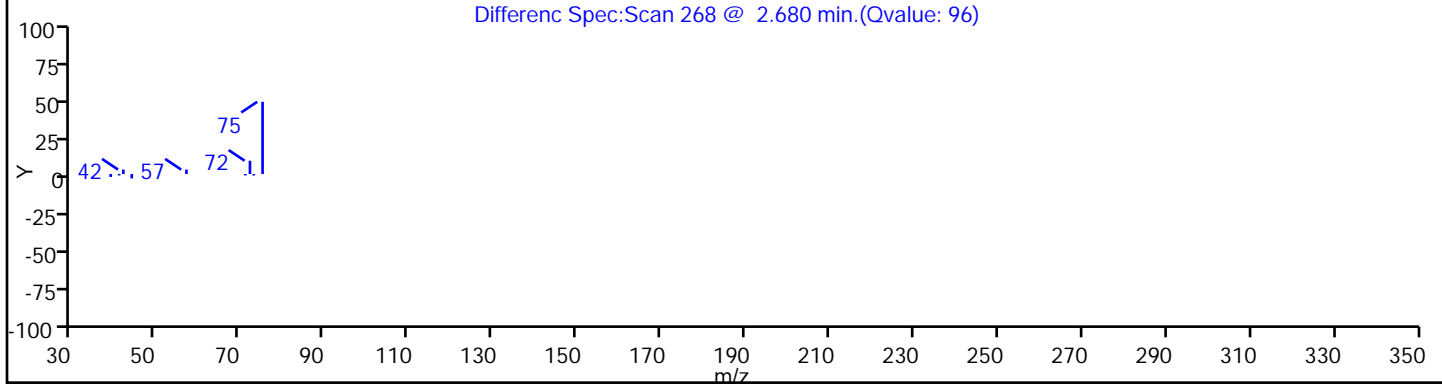
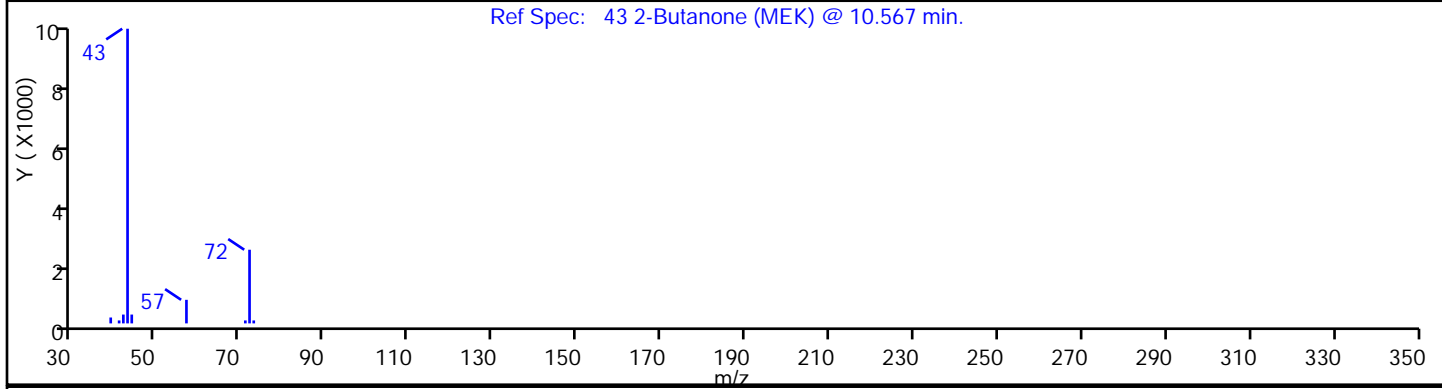
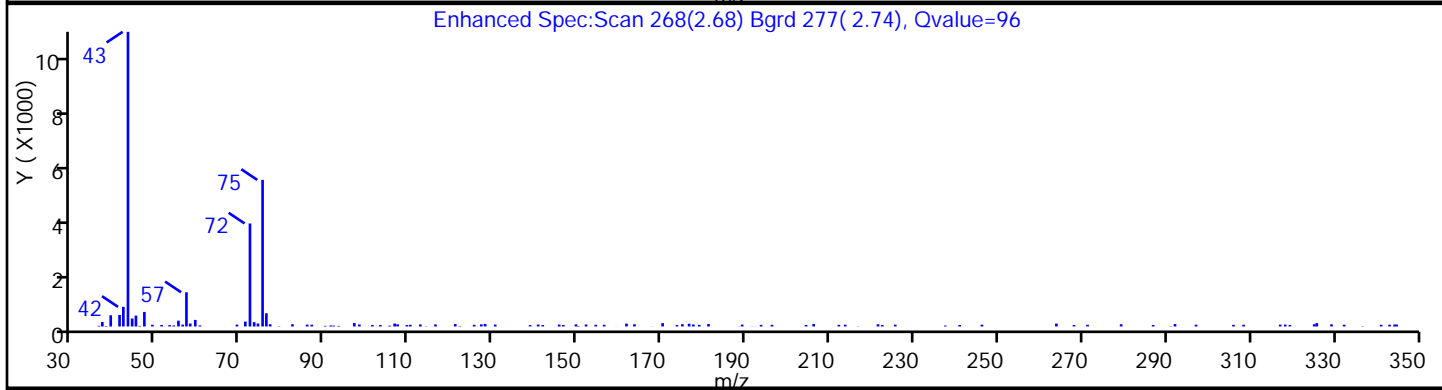
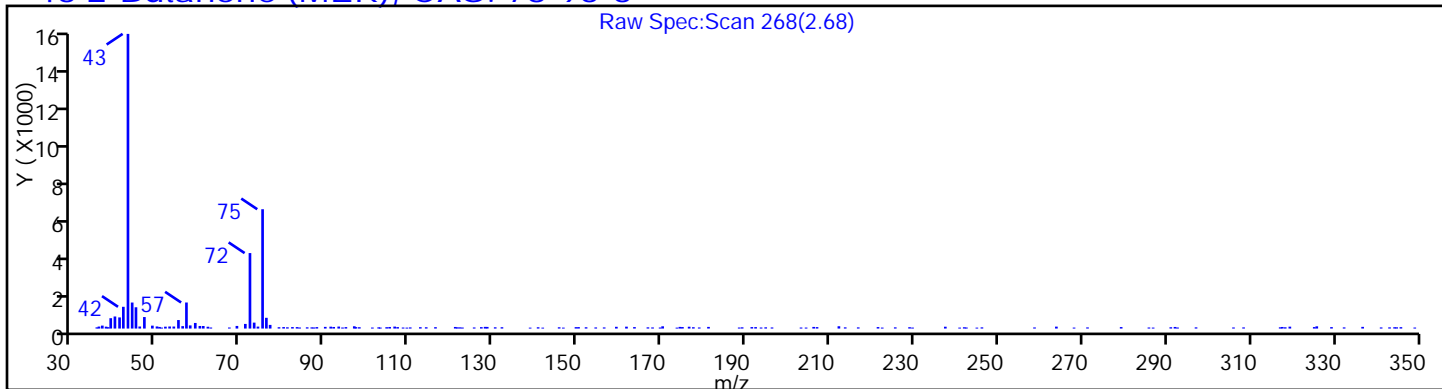
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

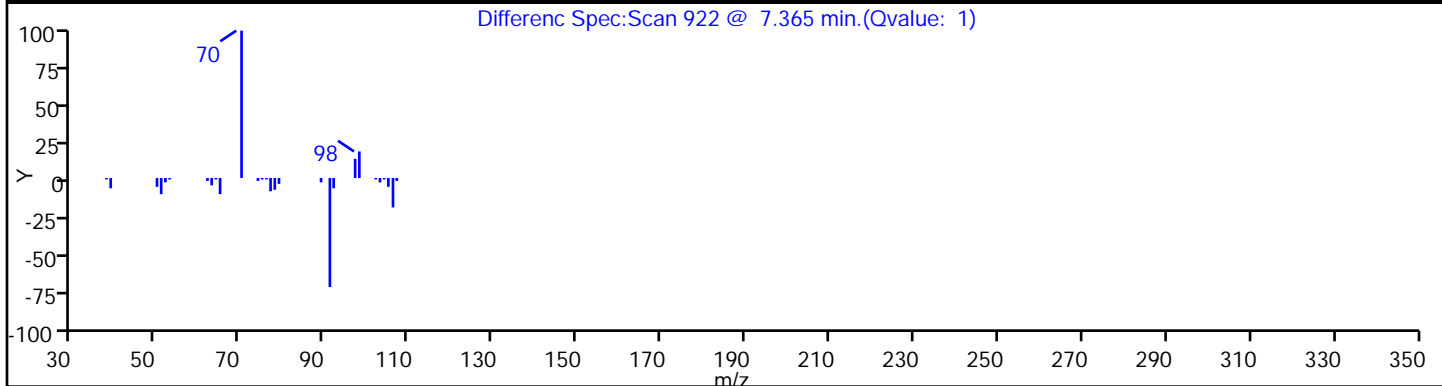
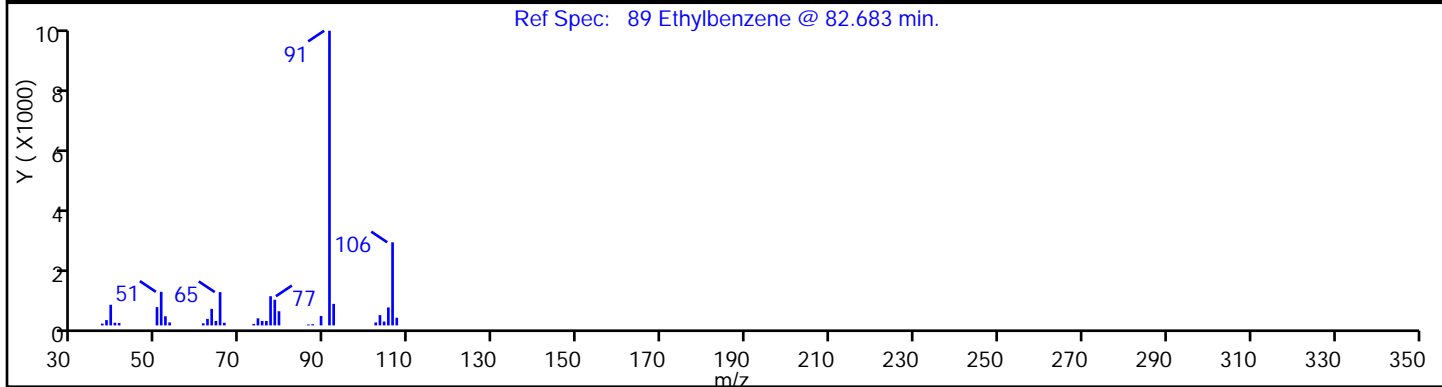
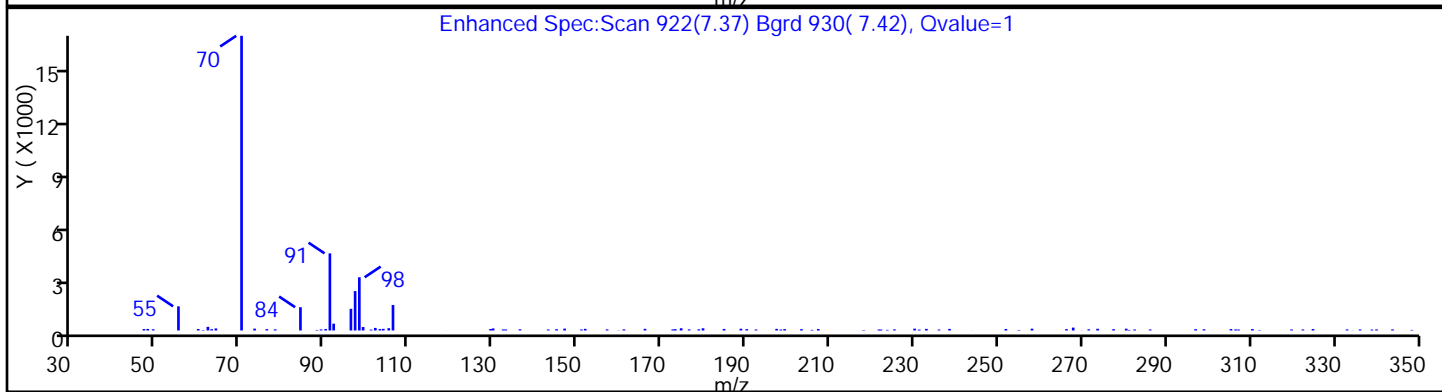
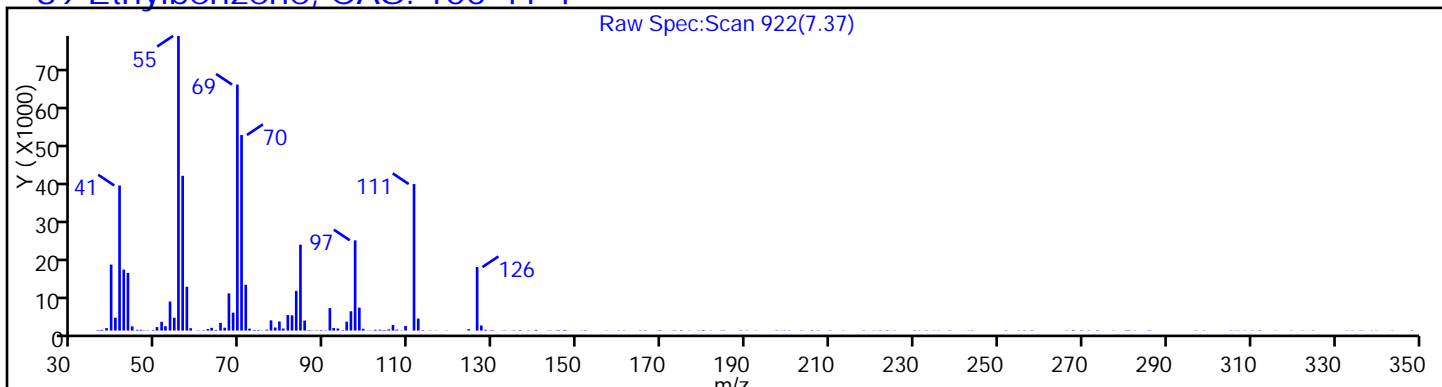
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

89 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

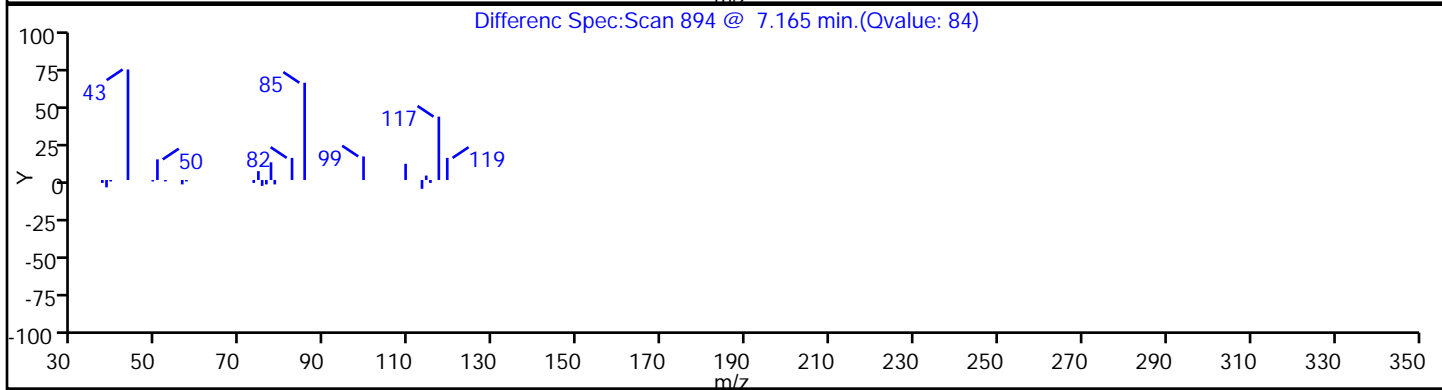
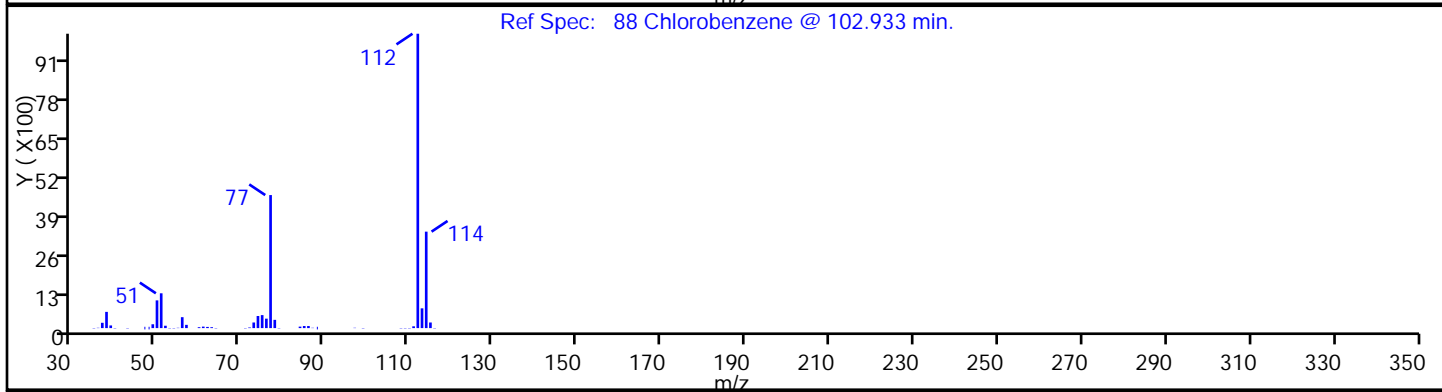
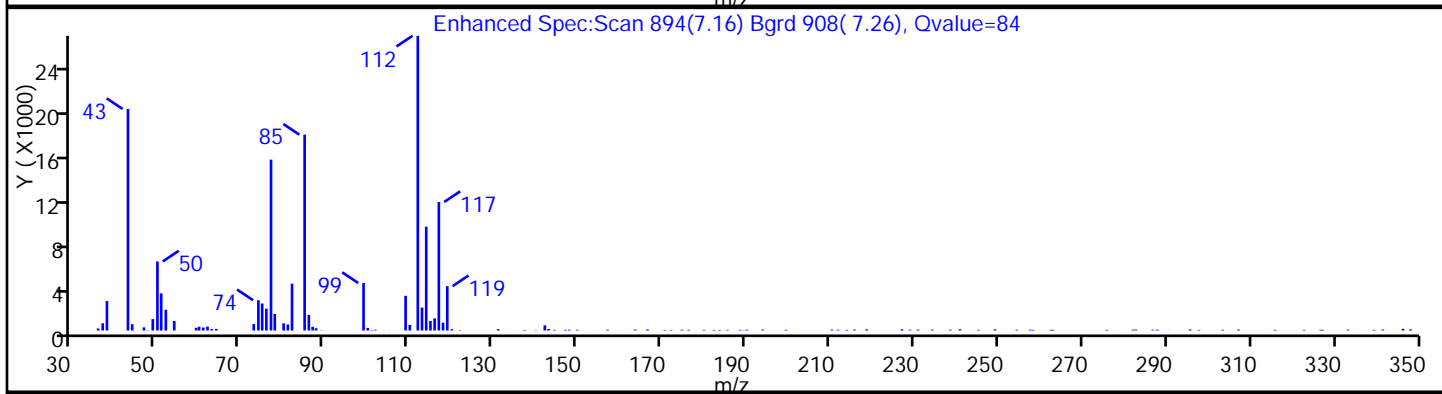
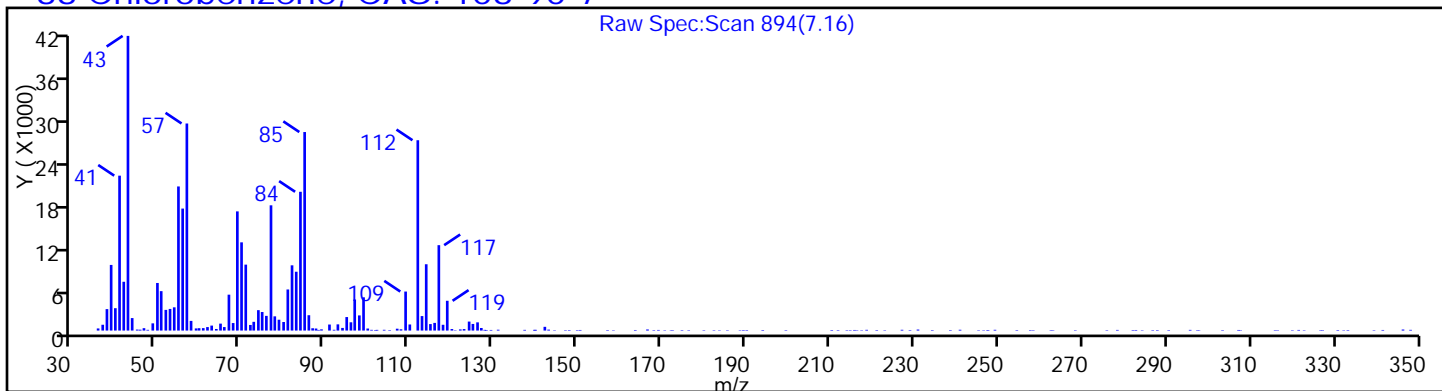
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

88 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

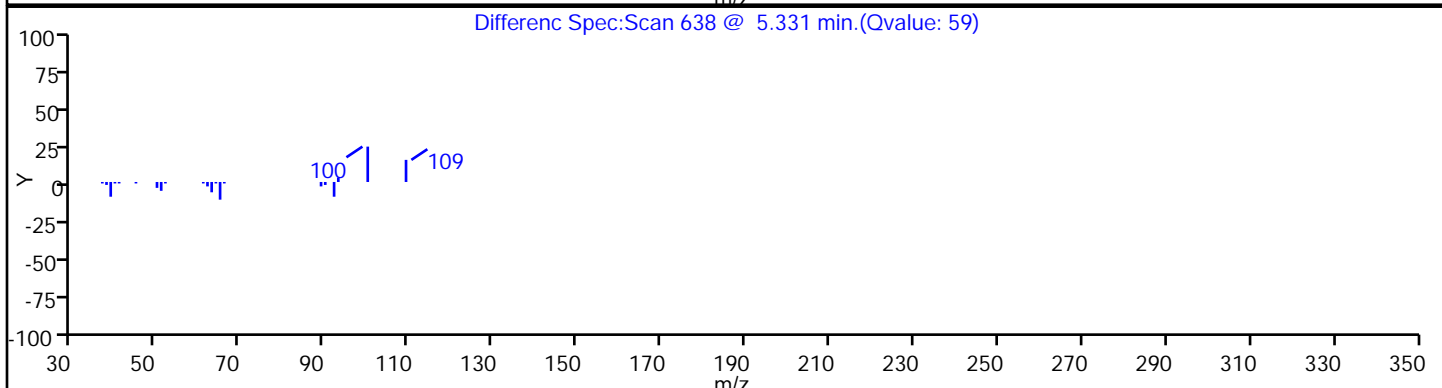
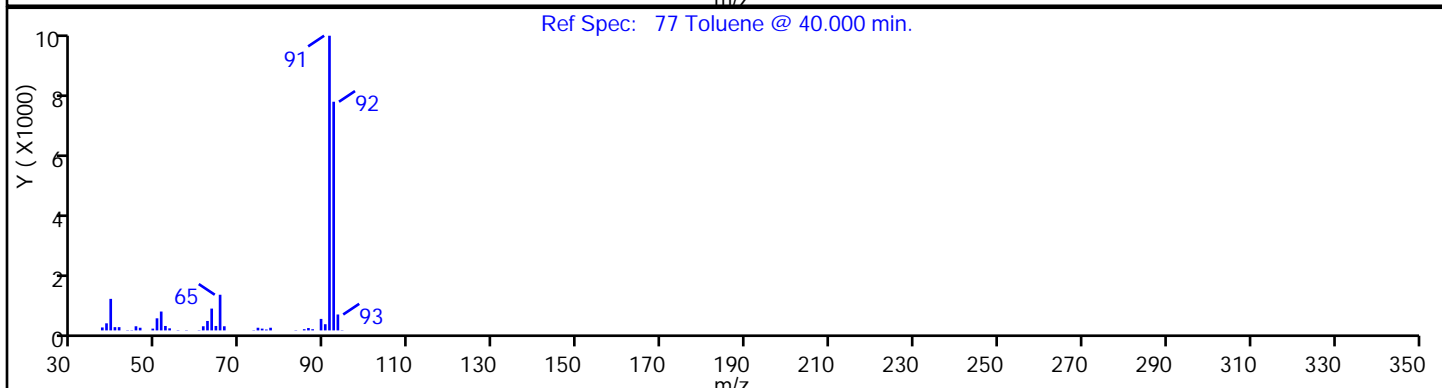
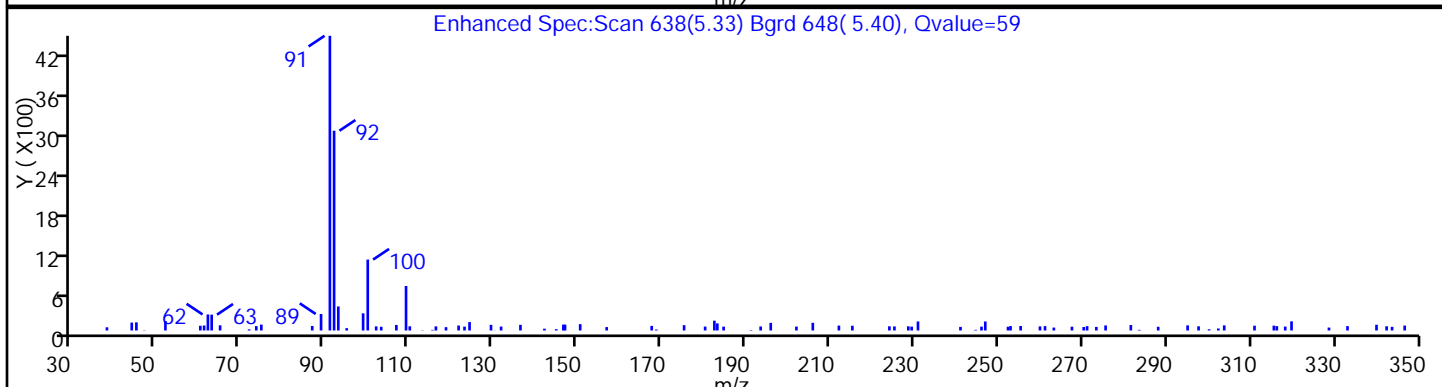
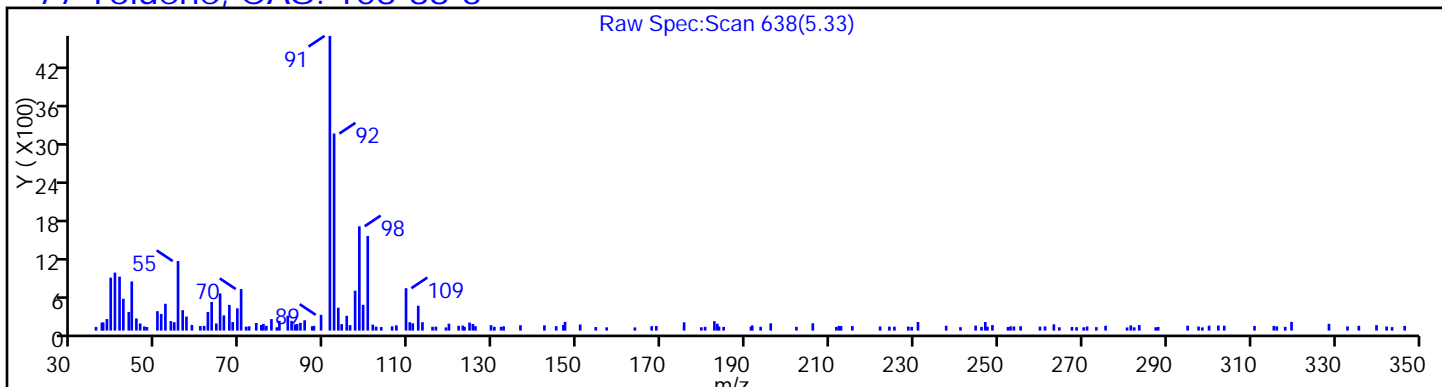
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

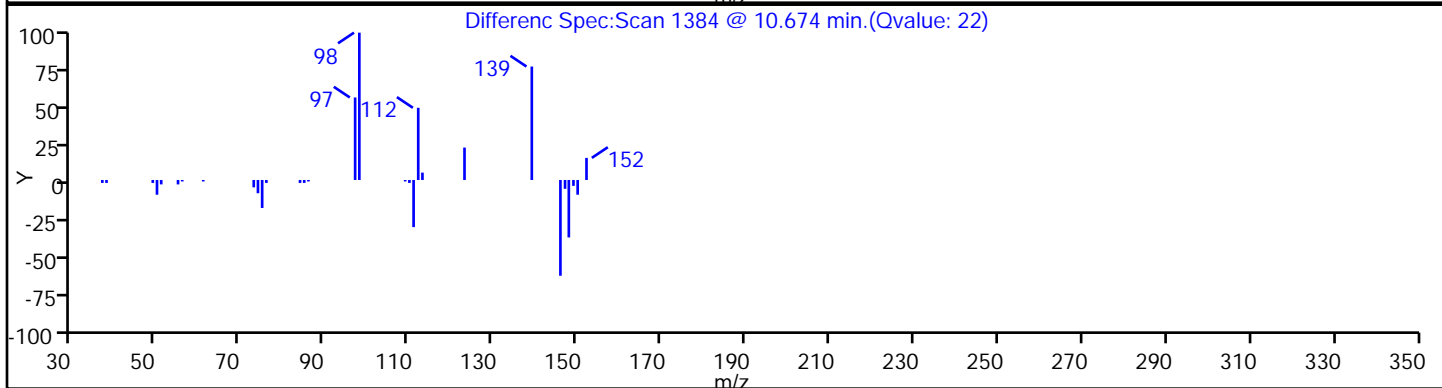
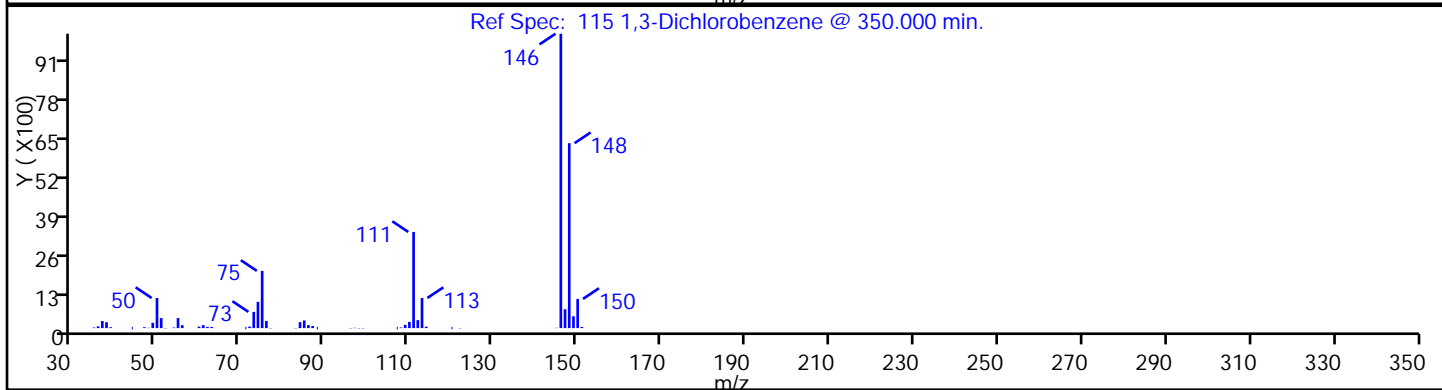
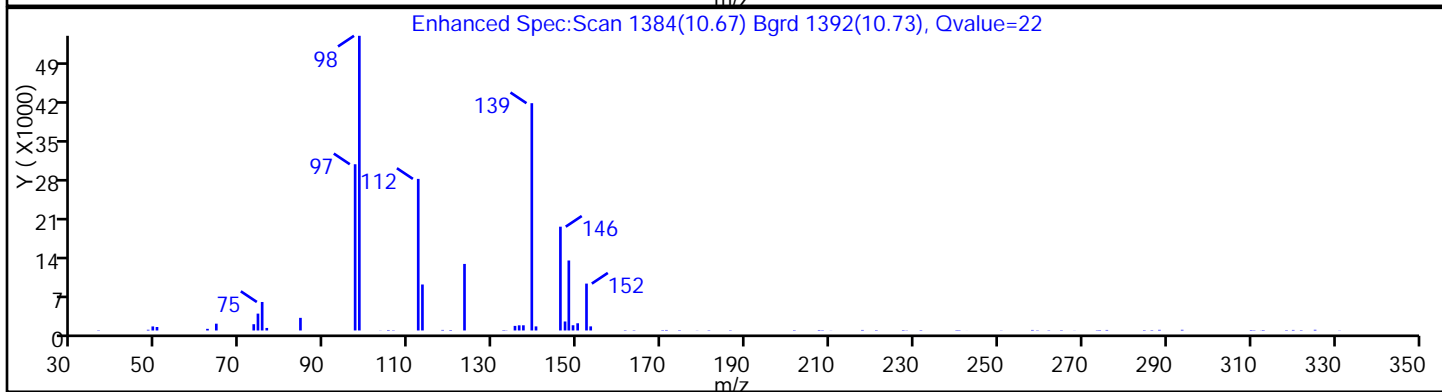
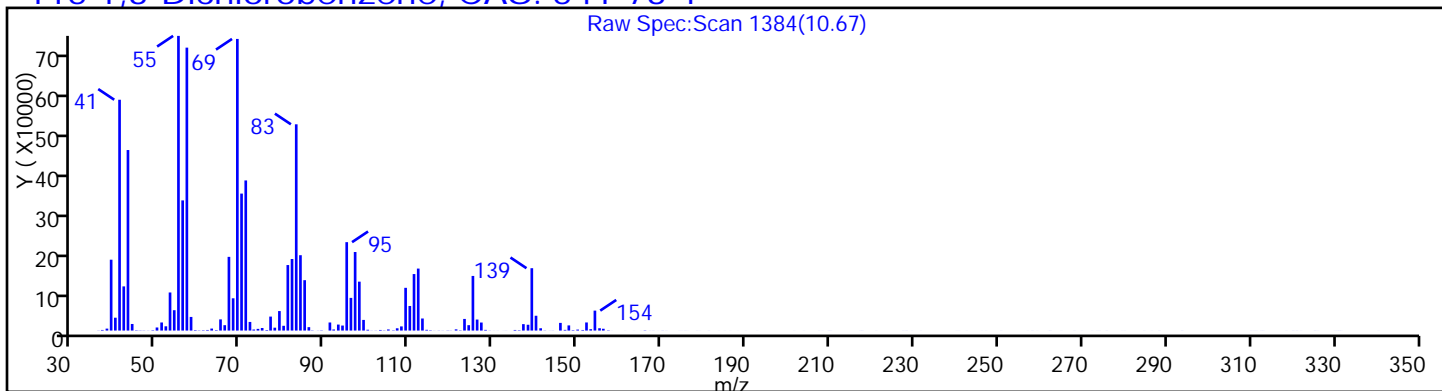
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

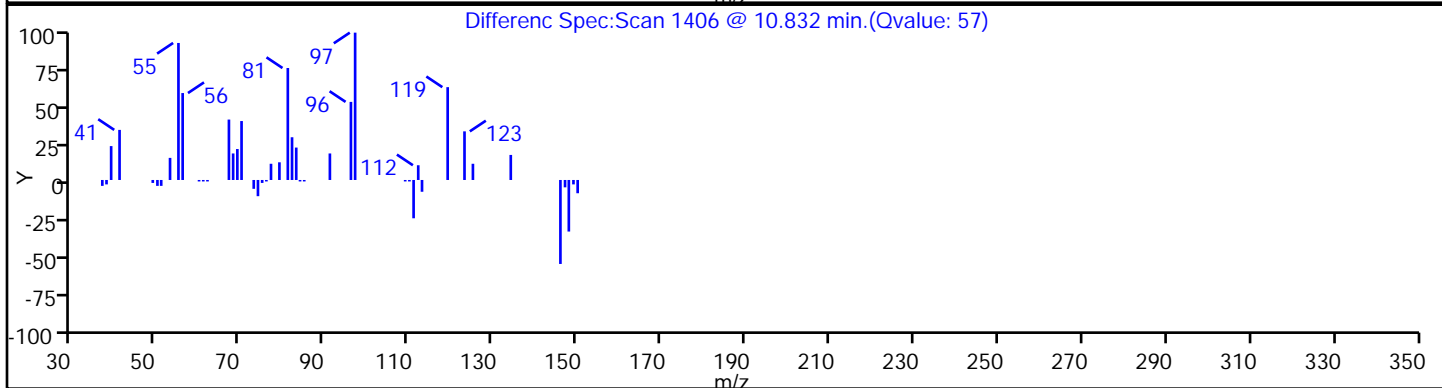
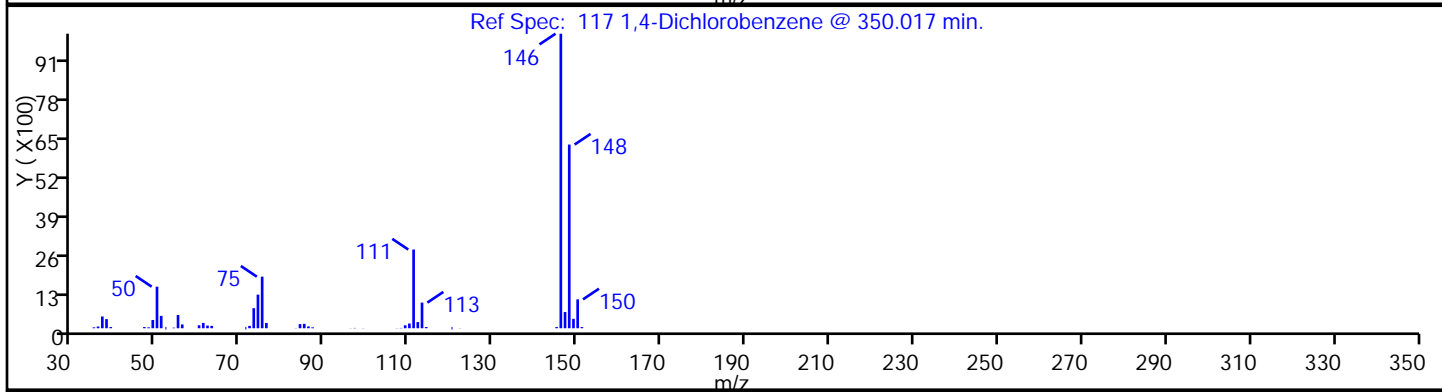
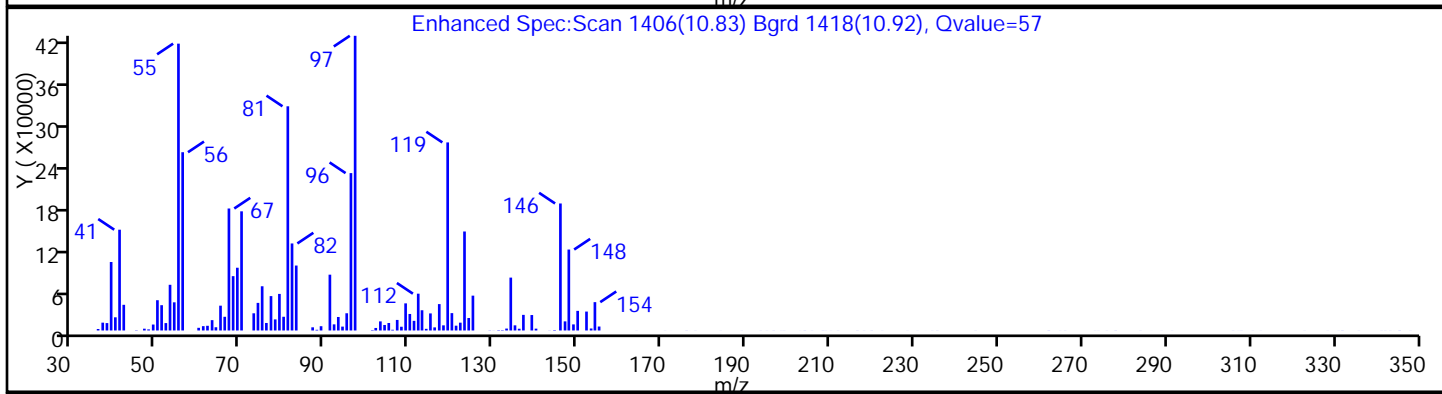
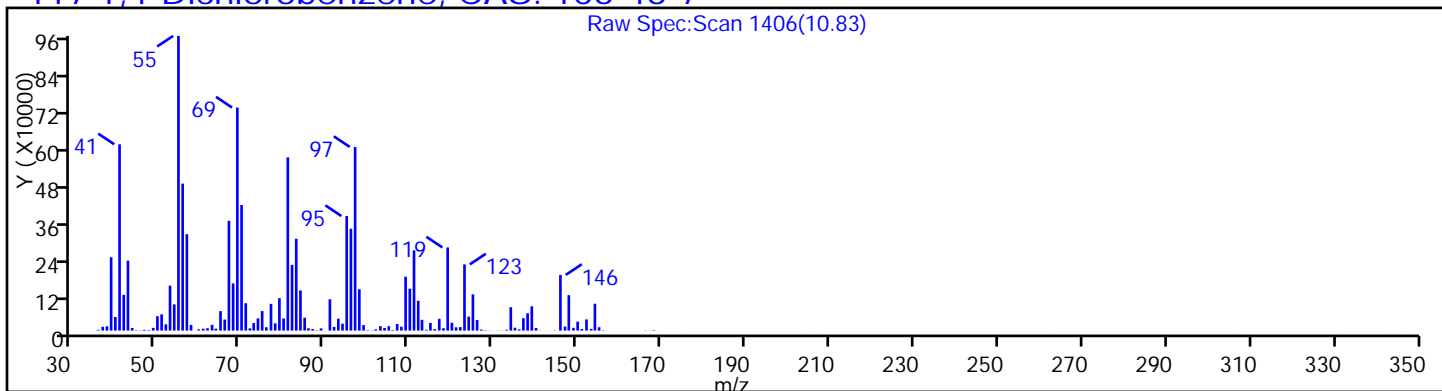
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

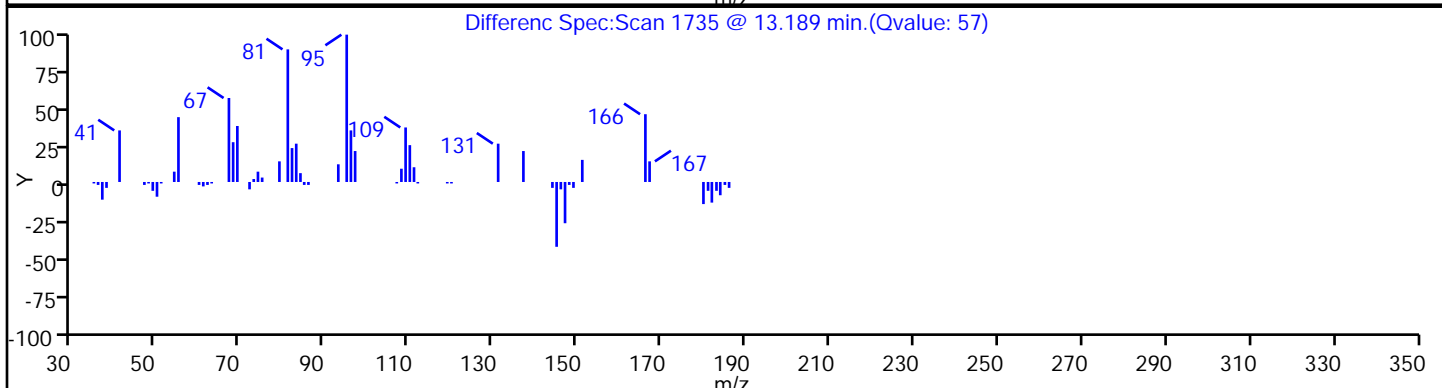
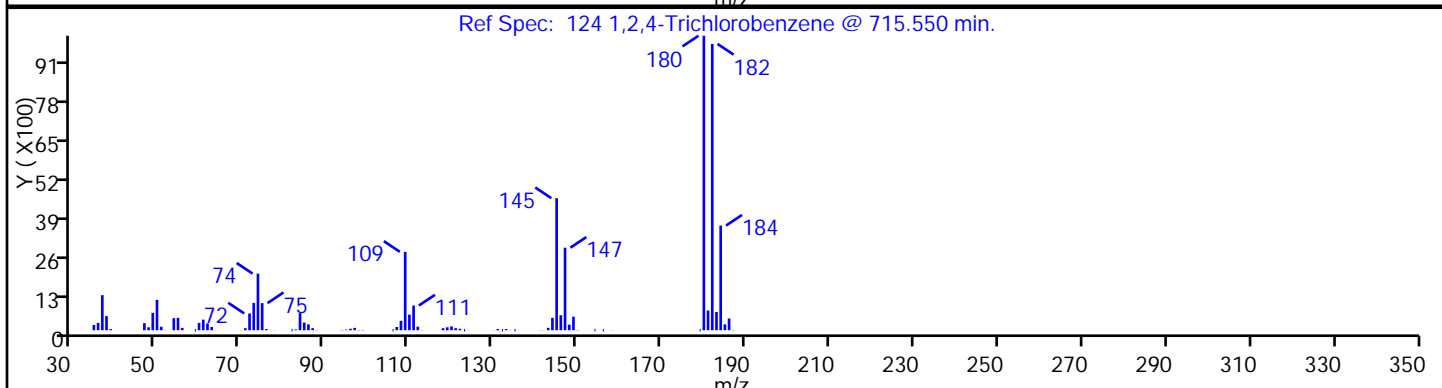
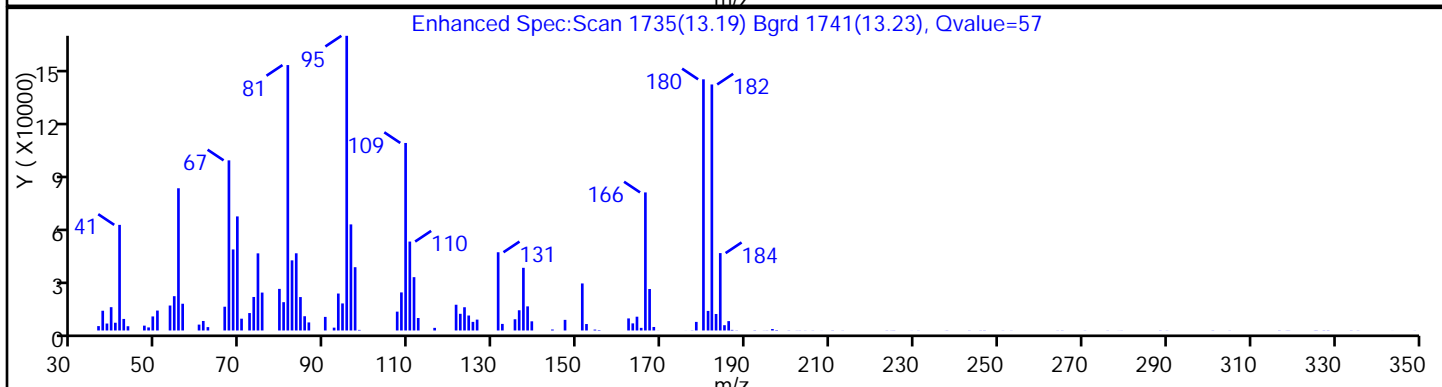
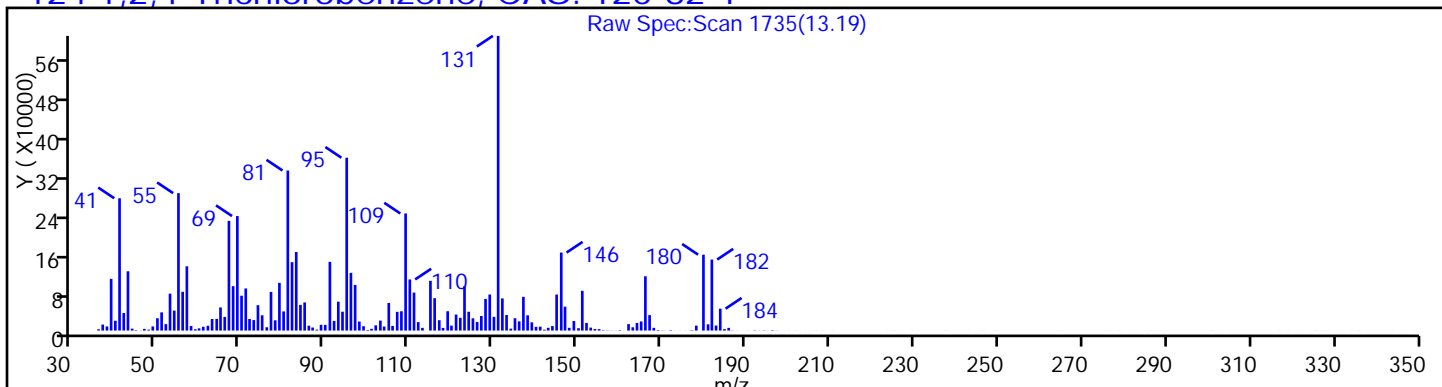
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

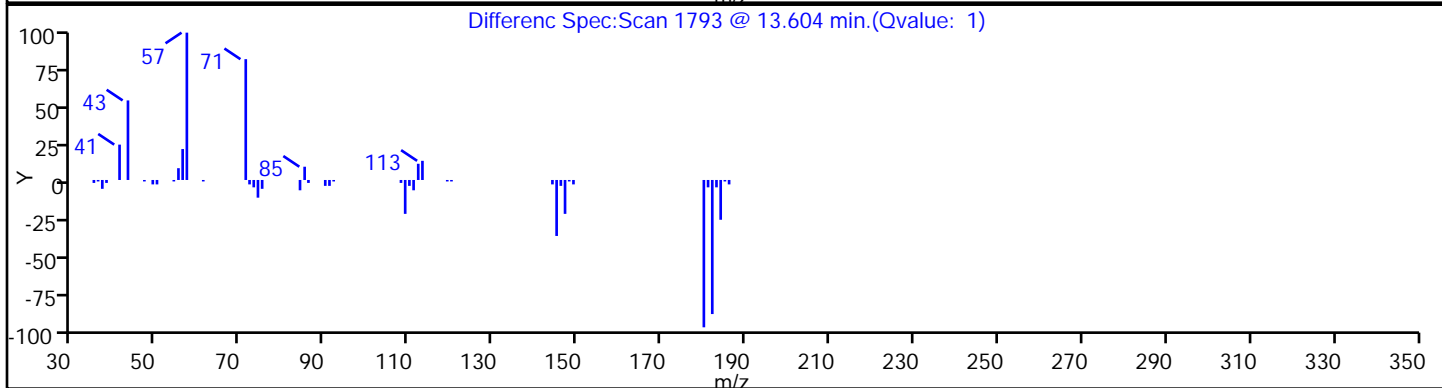
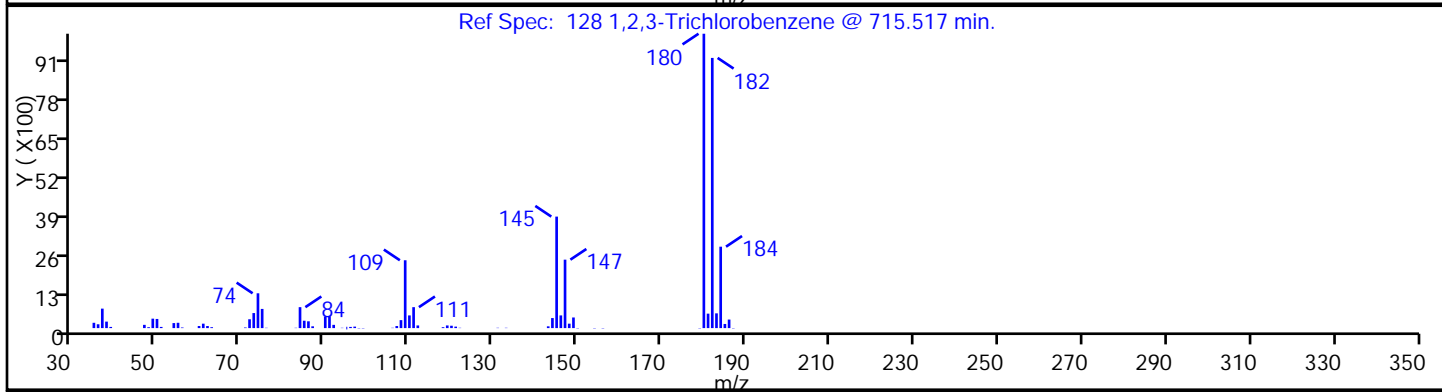
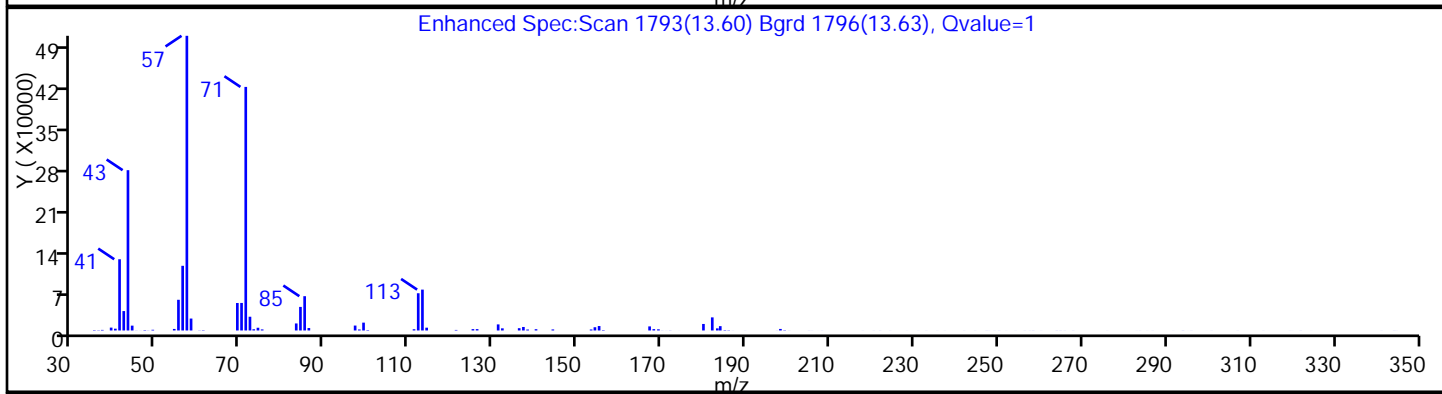
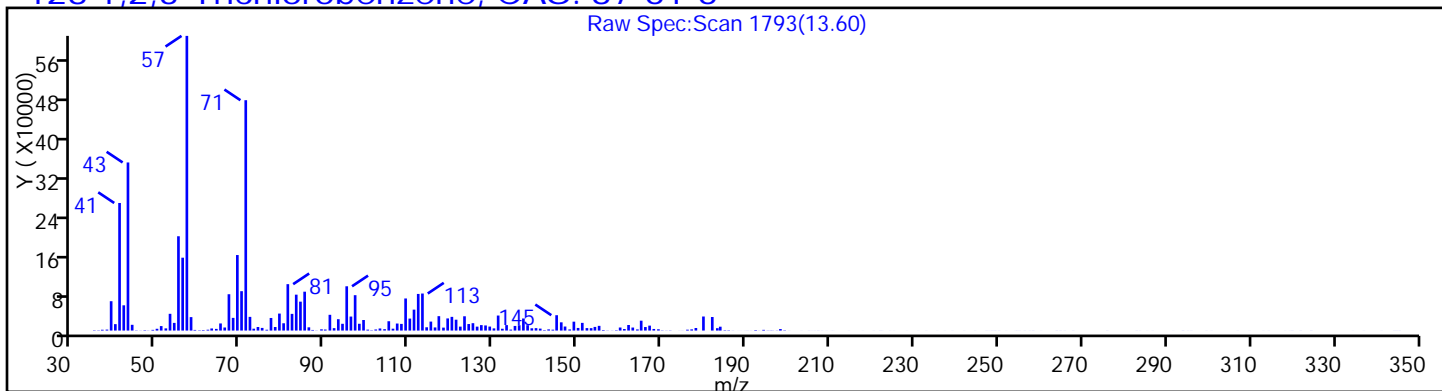
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

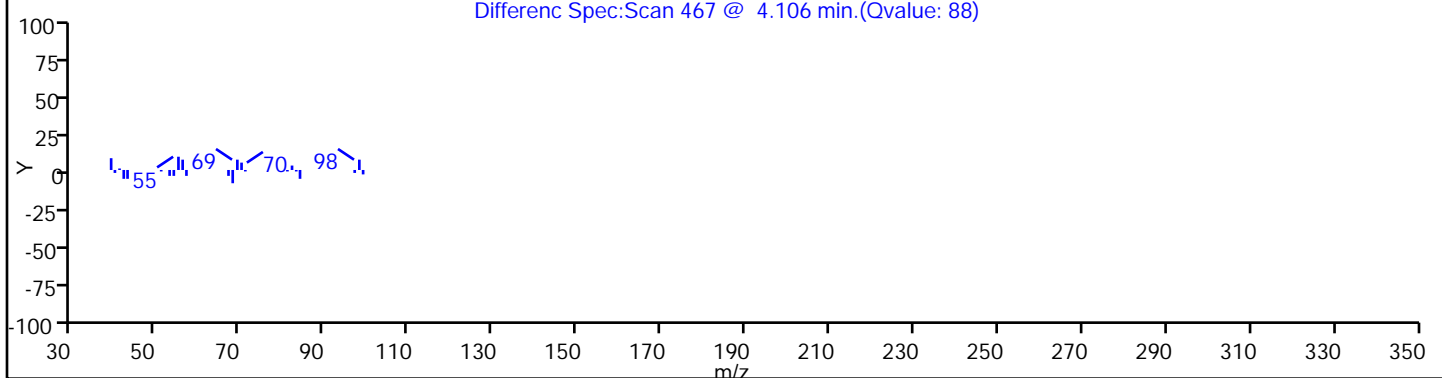
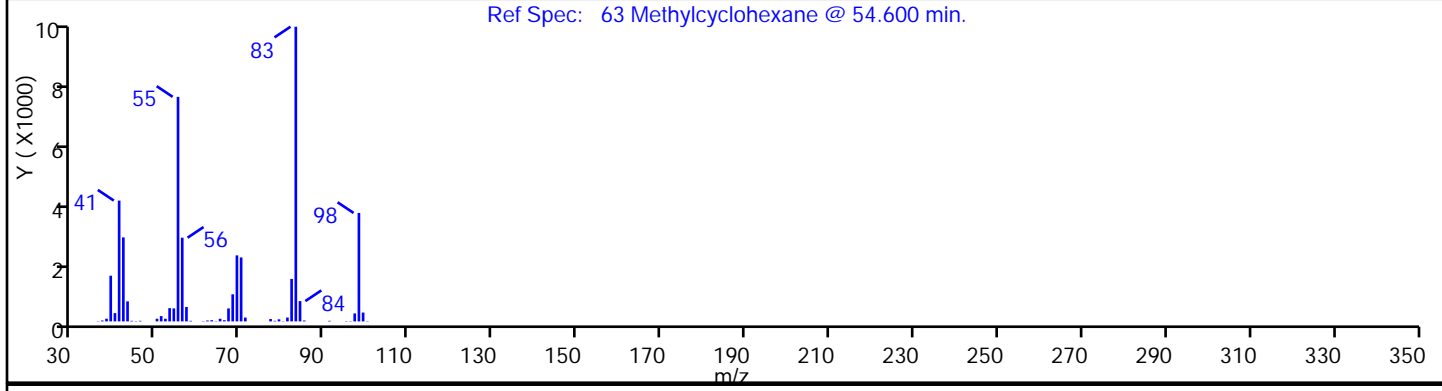
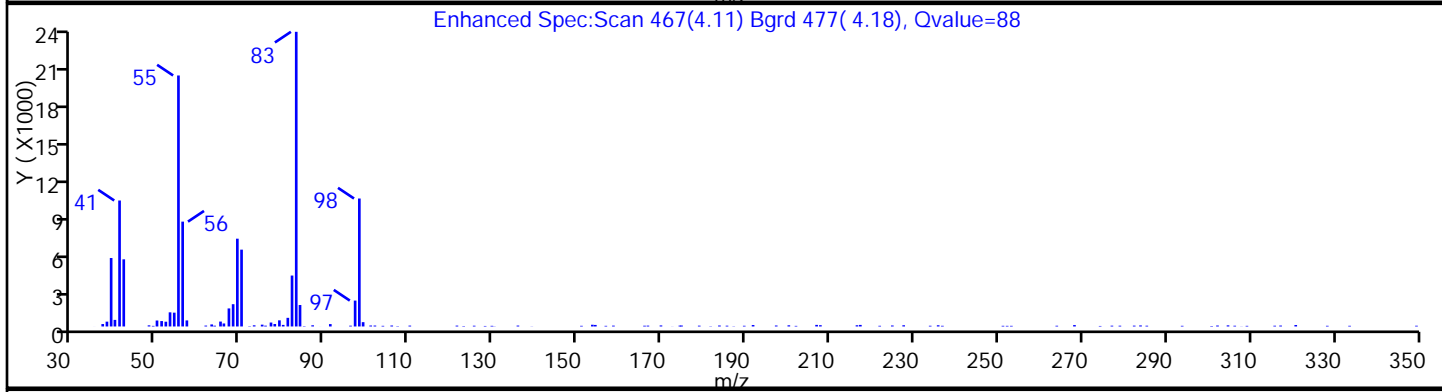
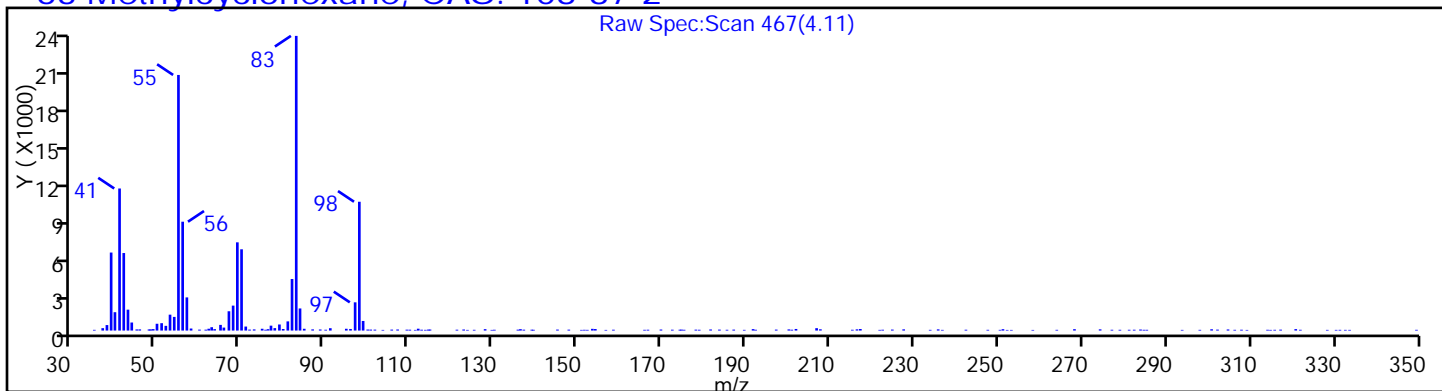
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

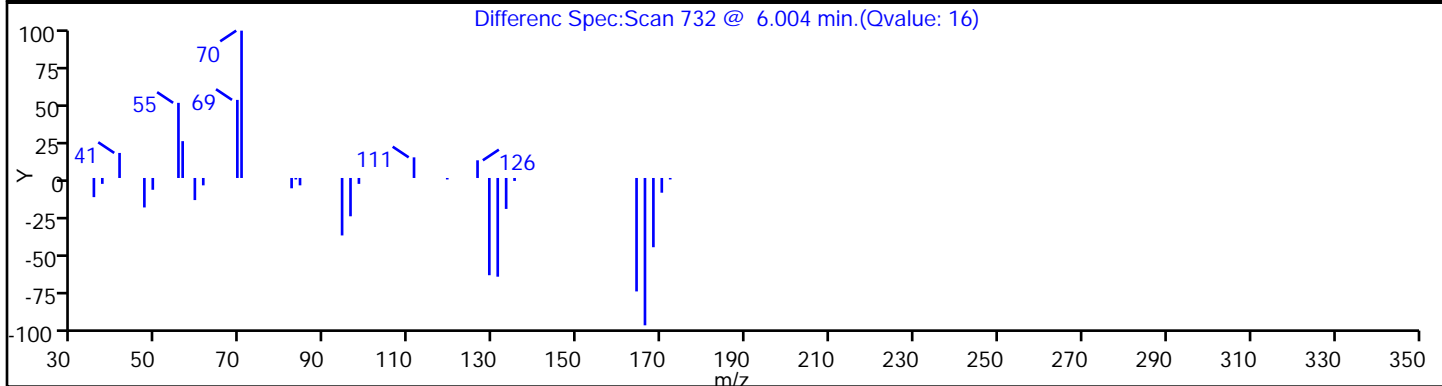
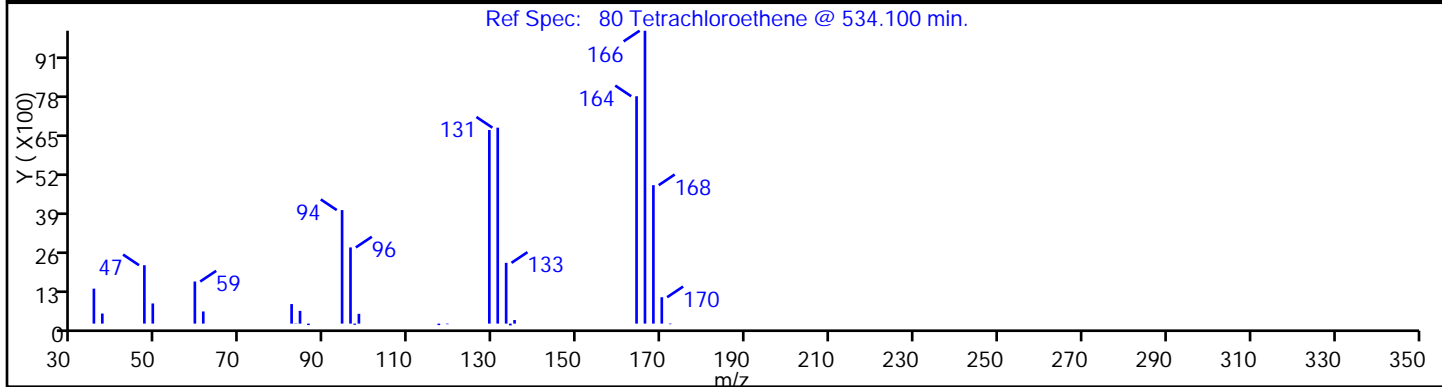
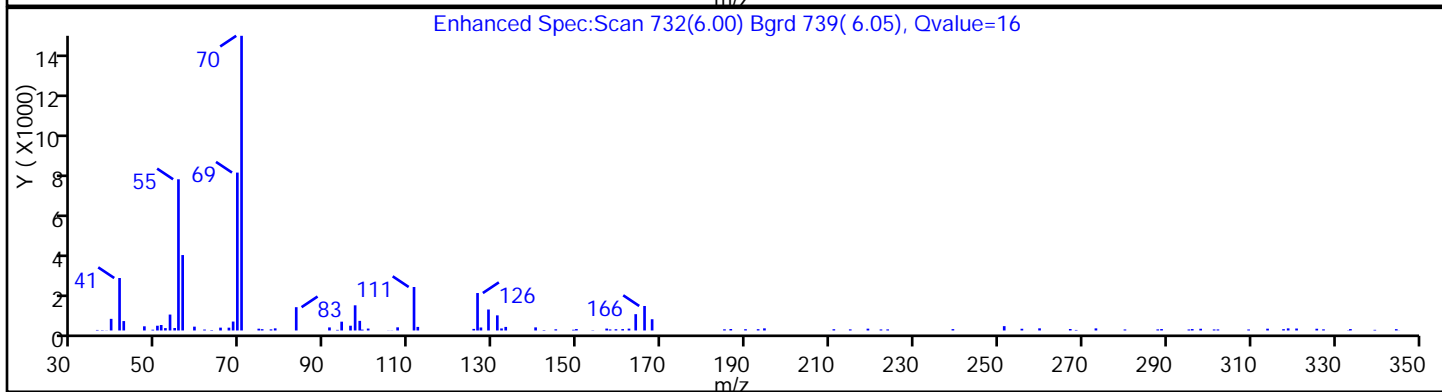
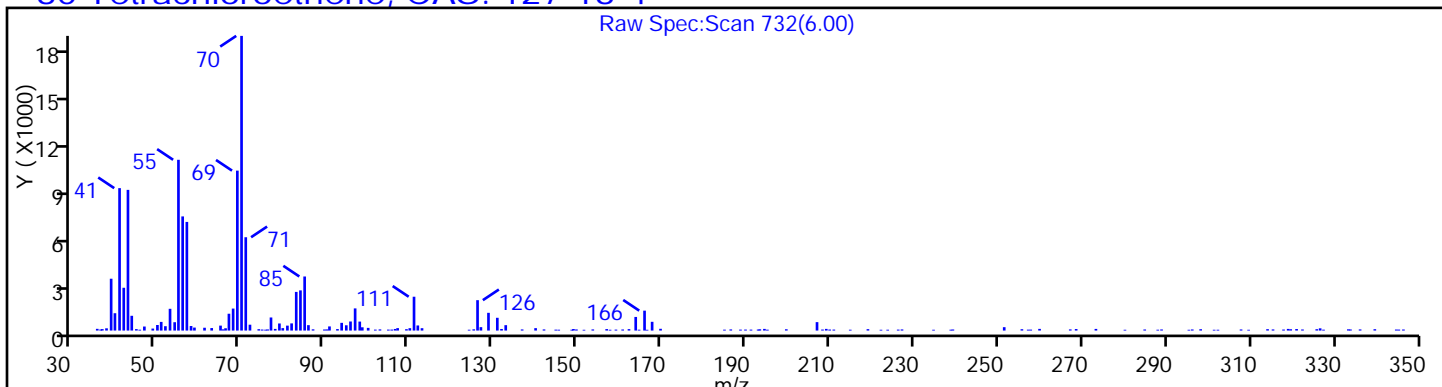
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

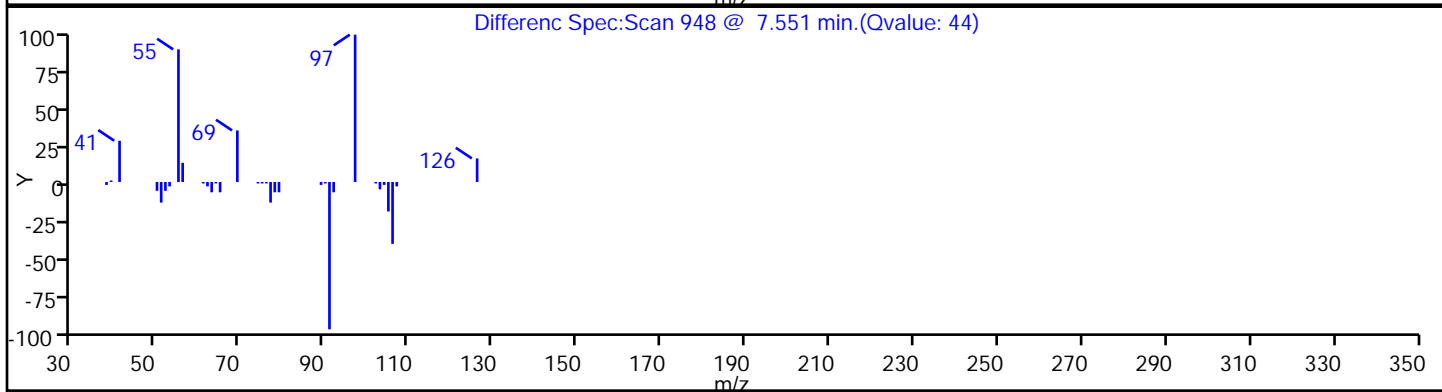
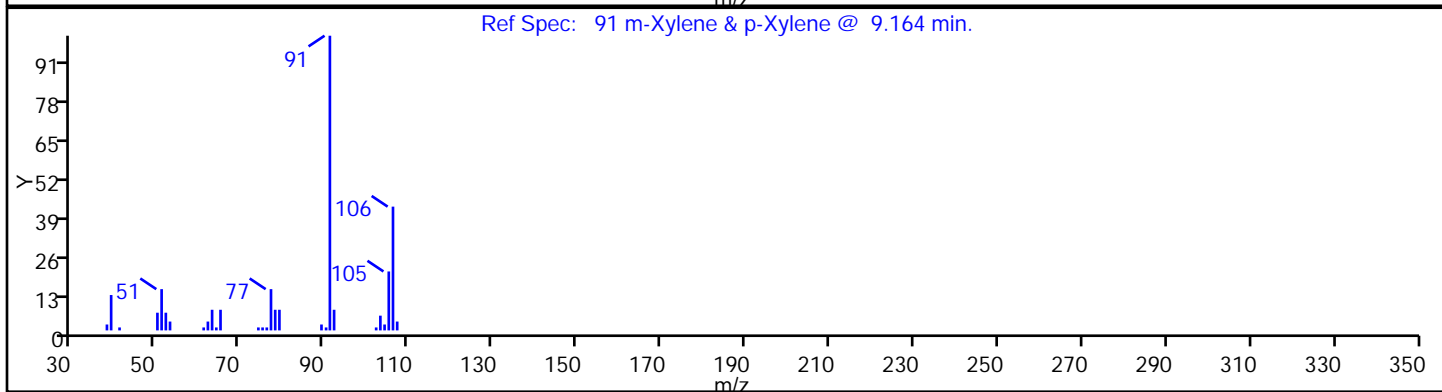
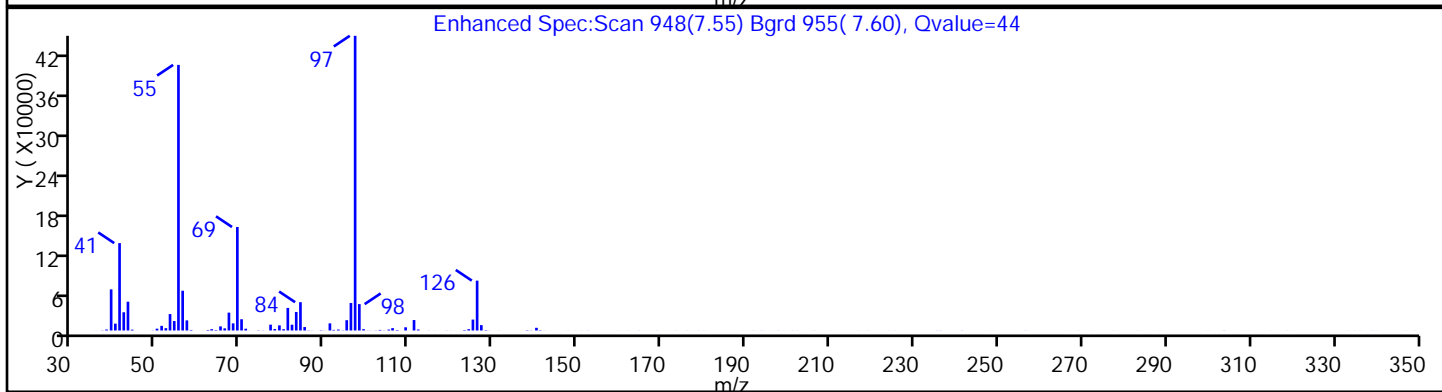
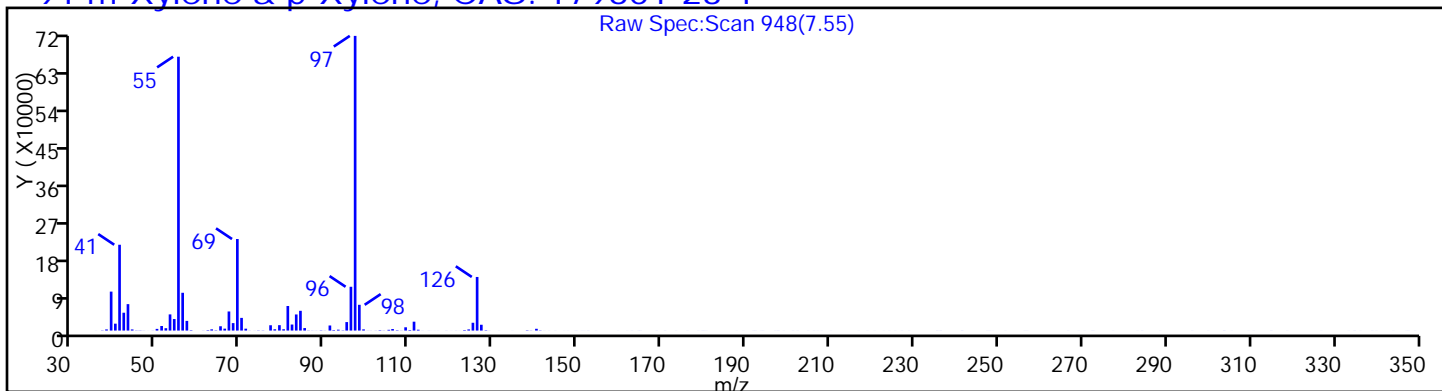
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

91 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

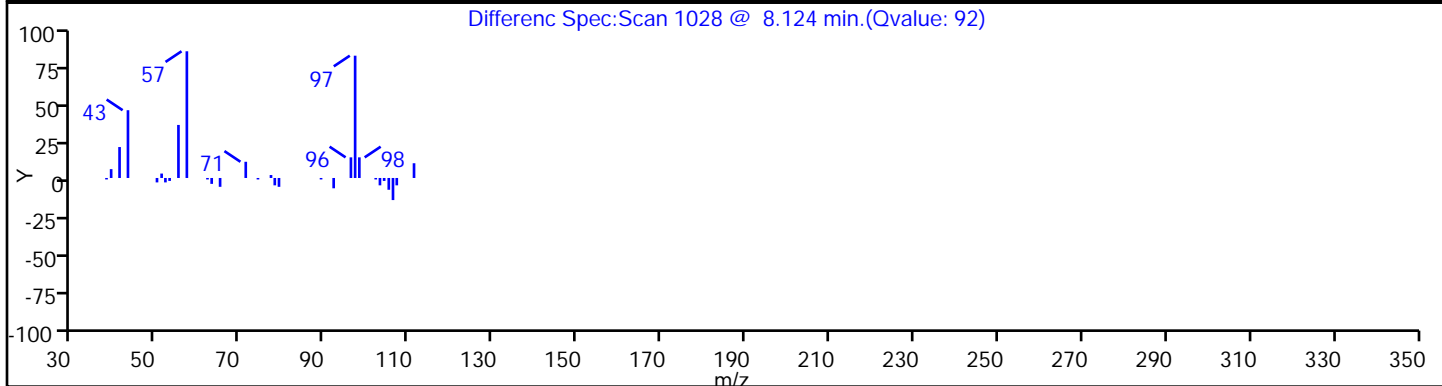
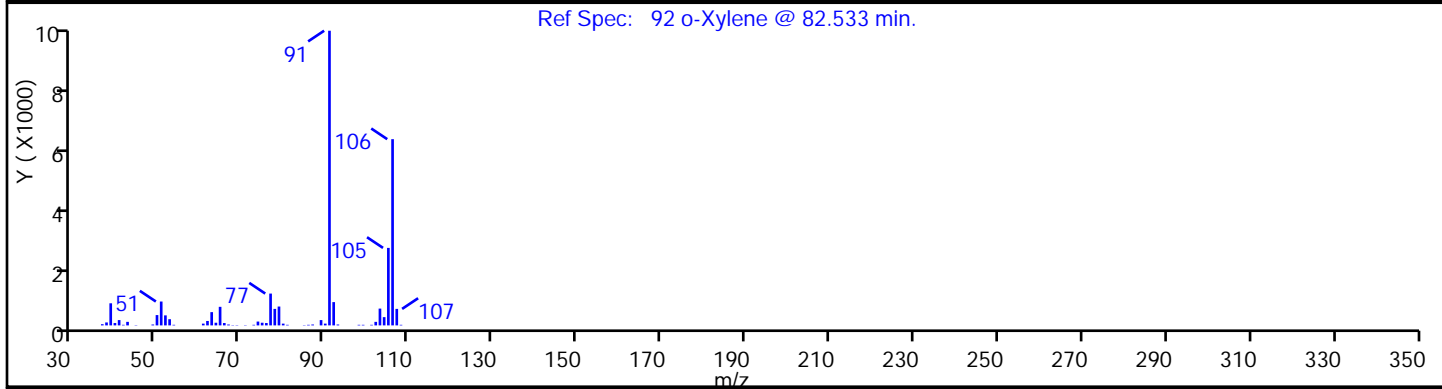
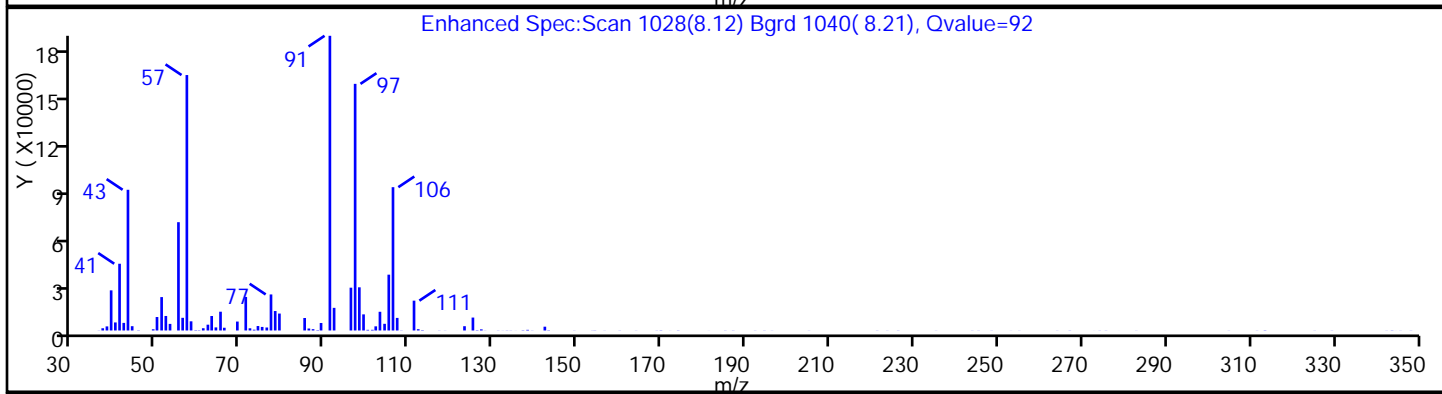
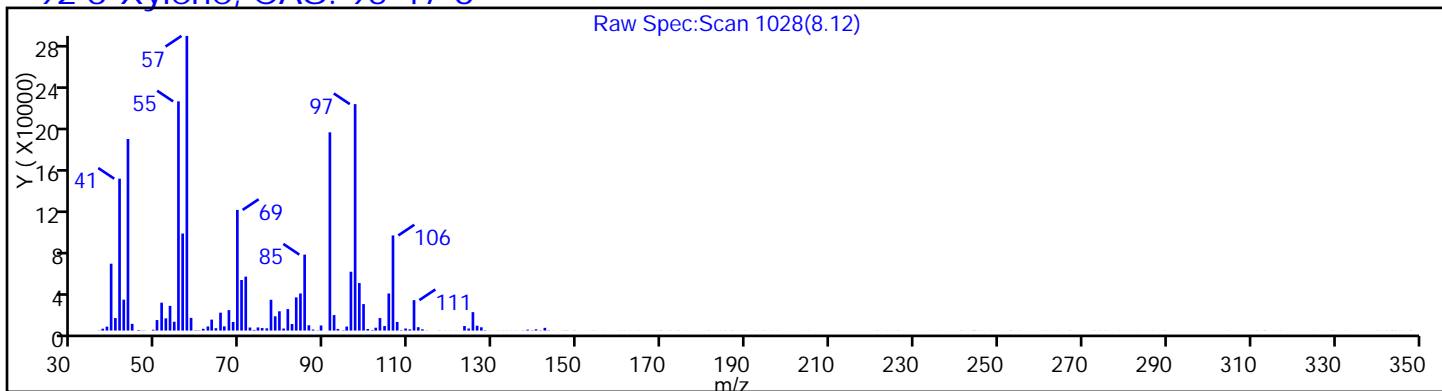
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

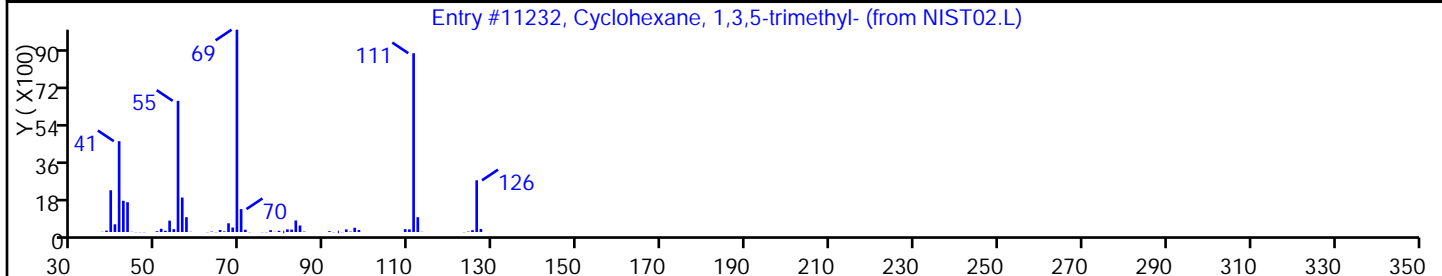
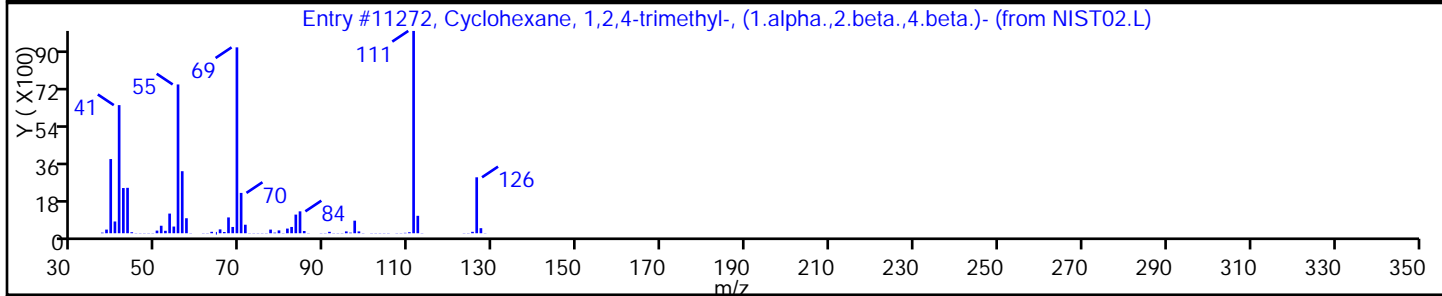
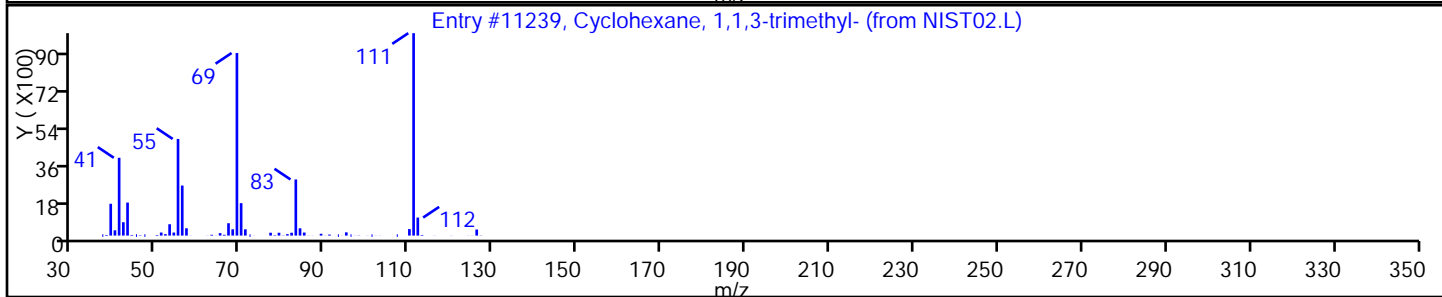
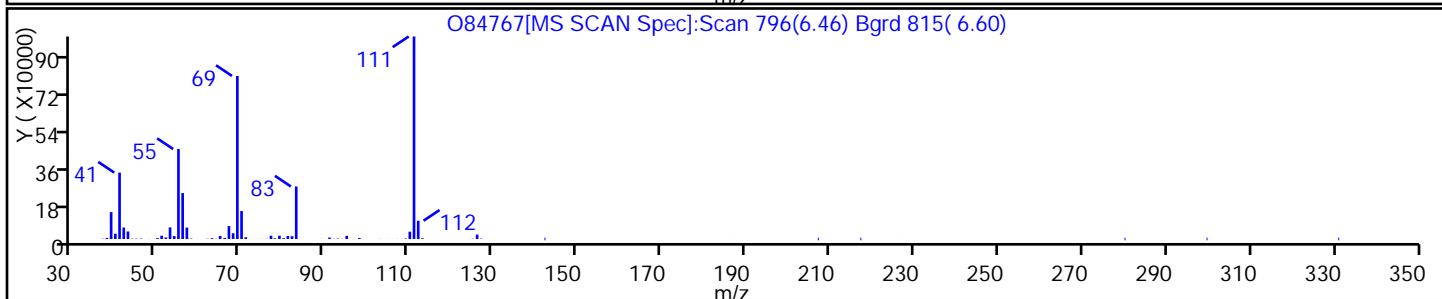
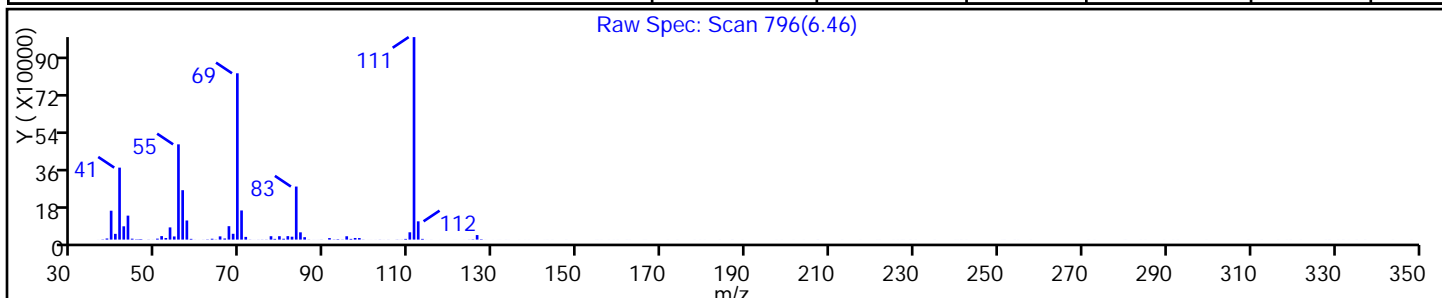
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Cyclohexane, 1,2,4-trimethyl-, (1.alpha.	7667-60-9	NIST02.L	11272	C9H18	126	78
Cyclohexane, 1,3,5-trimethyl-	1839-63-0	NIST02.L	11232	C9H18	126	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

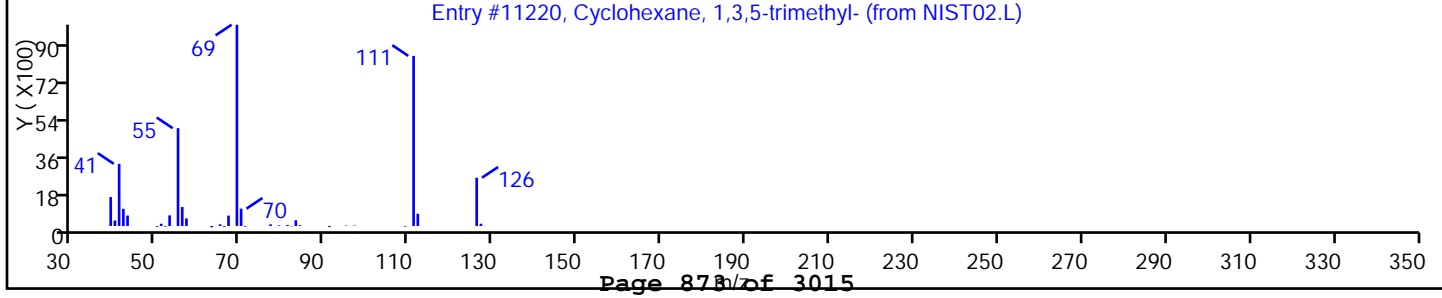
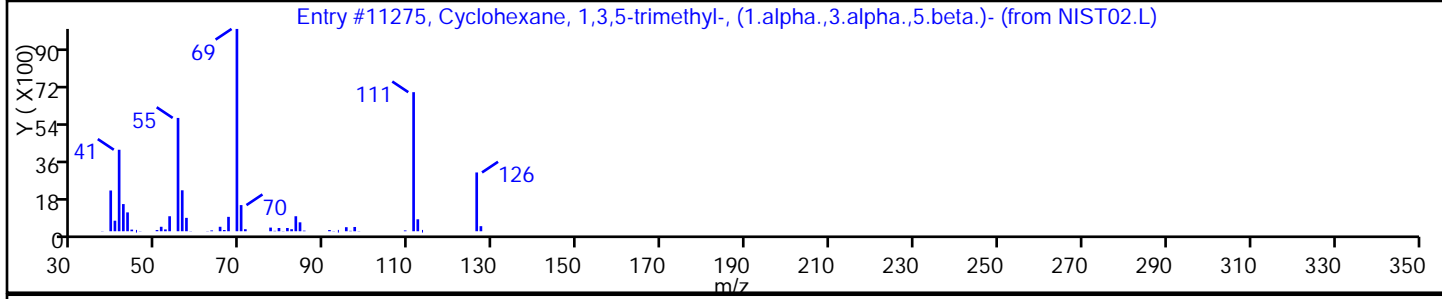
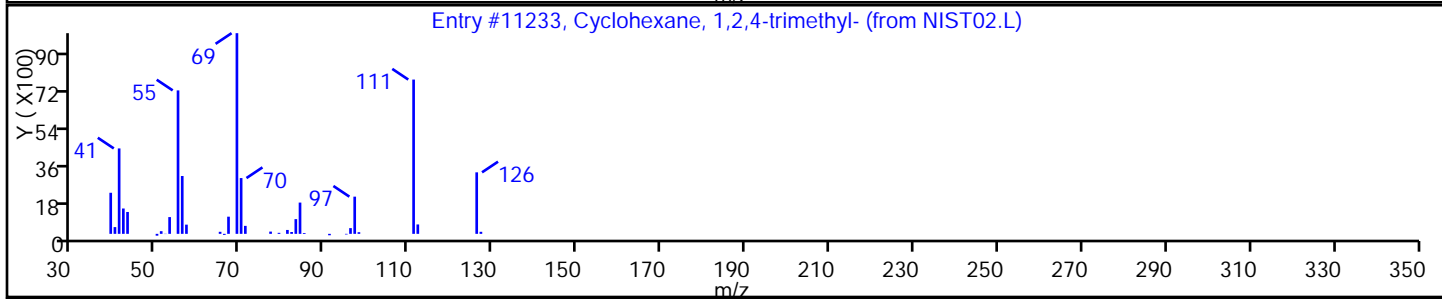
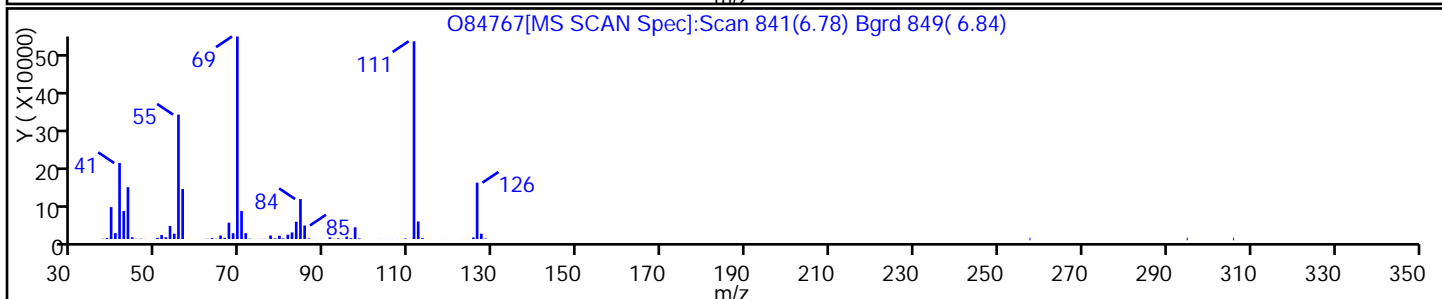
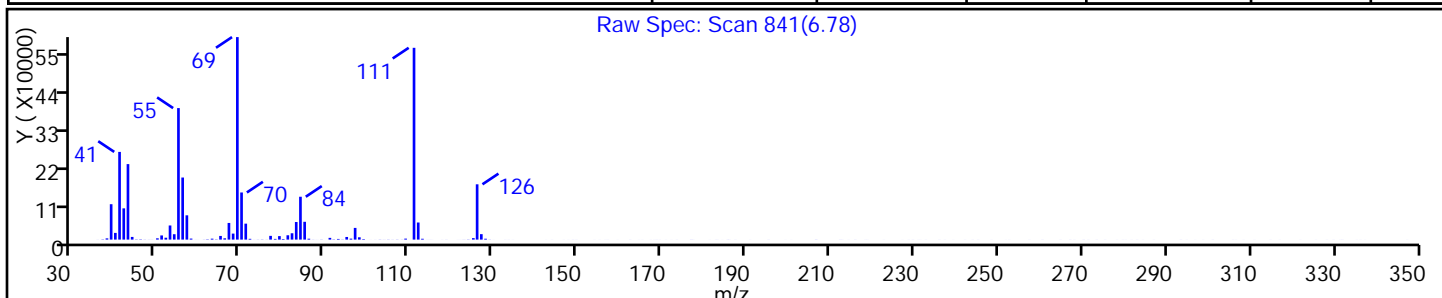
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,2,4-trimethyl-	2234-75-5	NIST02.L	11233	C9H18	126	90
Cyclohexane, 1,3,5-trimethyl-, (1.alpha.	1795-26-2	NIST02.L	11275	C9H18	126	90
Cyclohexane, 1,3,5-trimethyl-	1839-63-0	NIST02.L	11220	C9H18	126	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

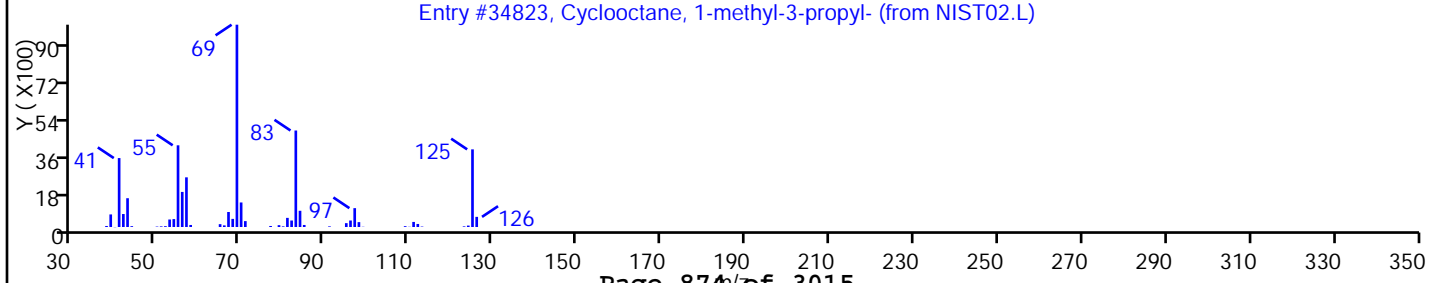
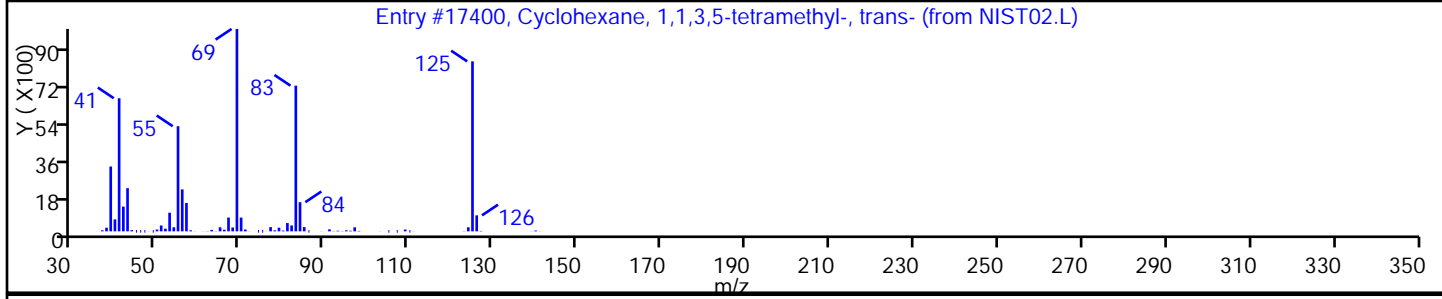
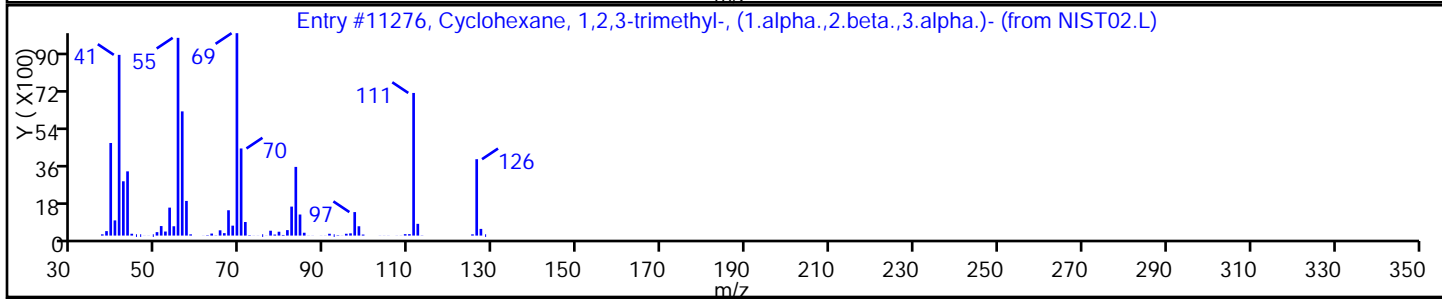
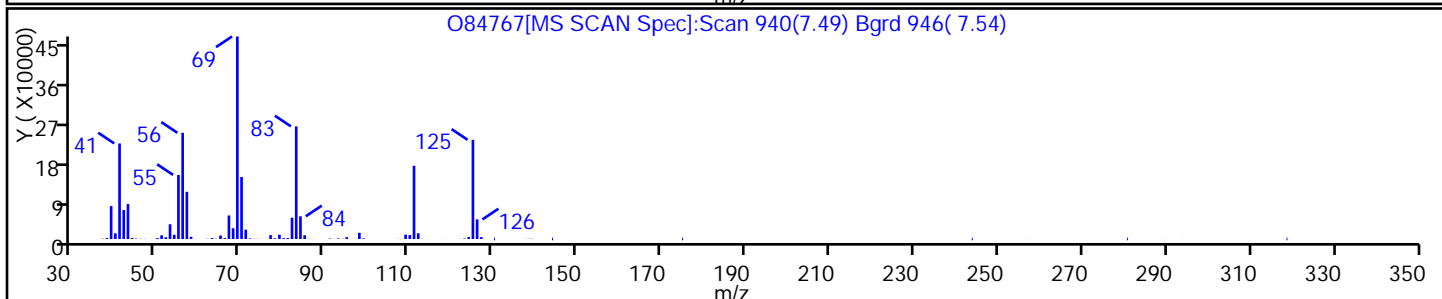
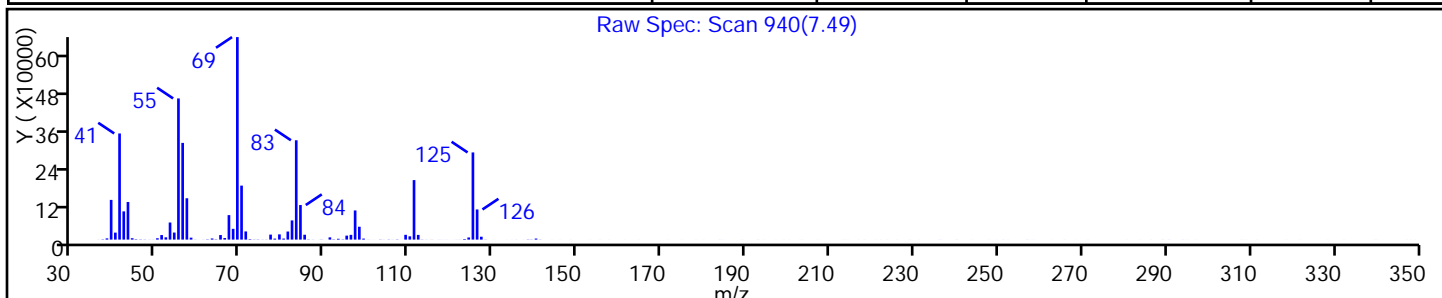
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,2,3-trimethyl-, (1.alpha.	1678-81-5	NIST02.L	11276	C9H18	126	52
Cyclohexane, 1,1,3,5-tetramethyl-, trans	50876-31-8	NIST02.L	17400	C10H20	140	50
Cyclooctane, 1-methyl-3-propyl-	255885-37-1	NIST02.L	34823	C12H24	168	47



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

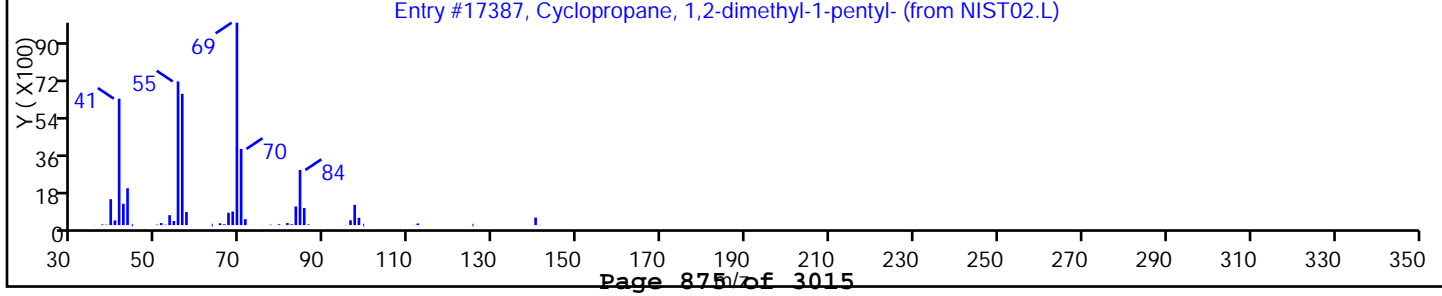
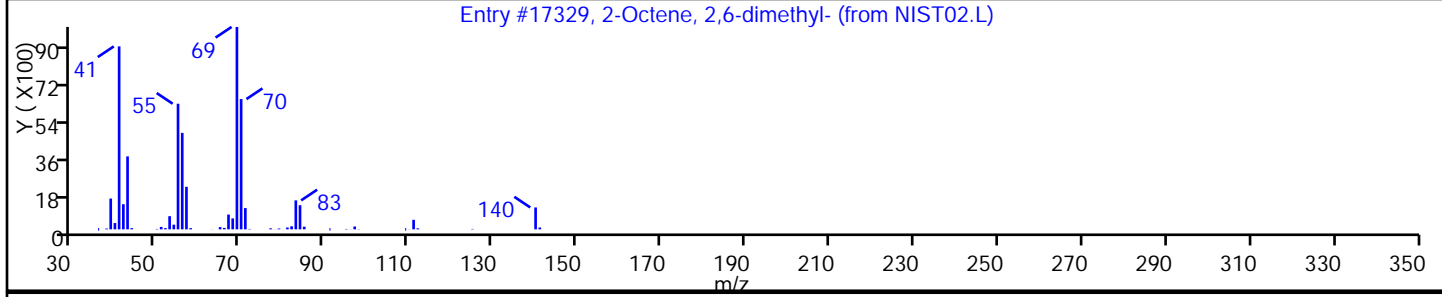
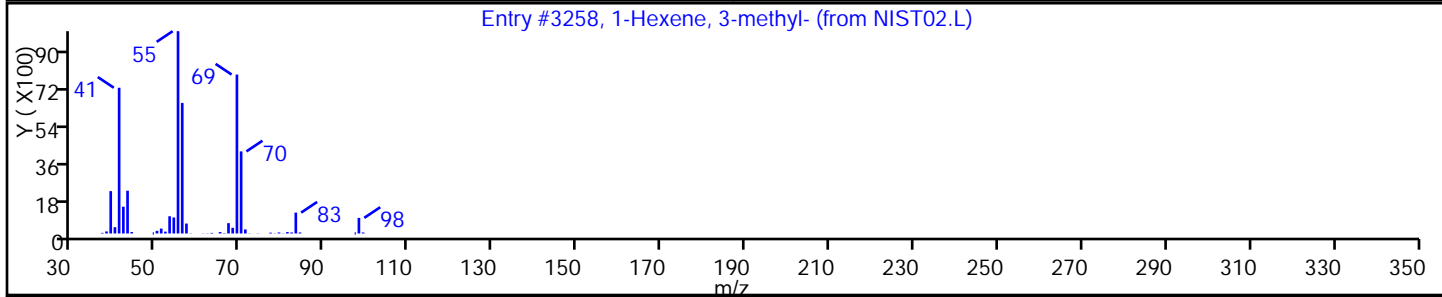
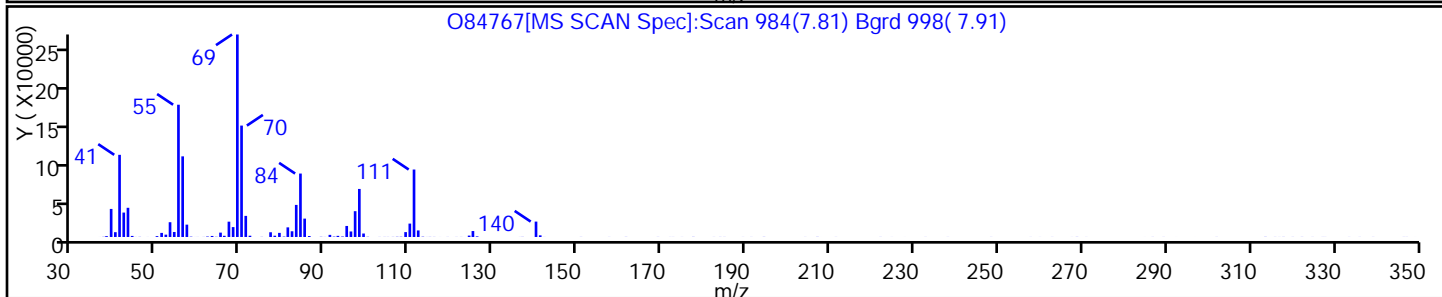
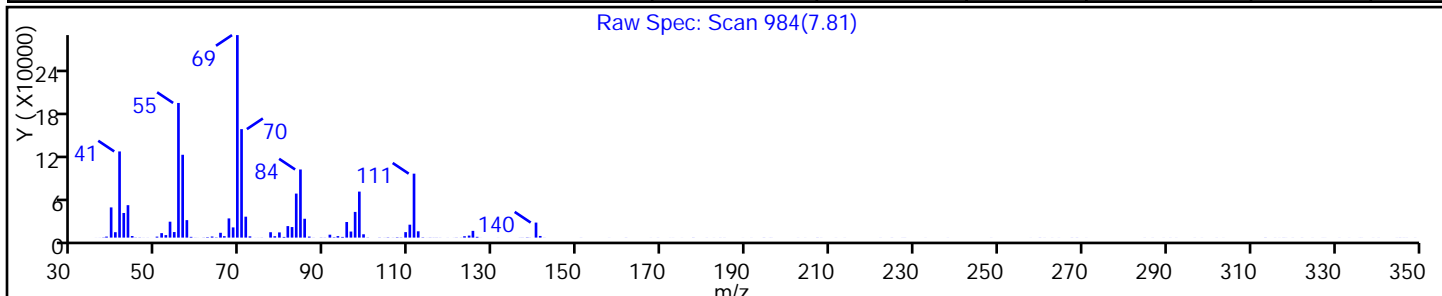
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexene, 3-methyl-	3404-61-3	NIST02.L	3258	C7H14	98	62
2-Octene, 2,6-dimethyl-	4057-42-5	NIST02.L	17329	C10H20	140	58
Cyclopropane, 1,2-dimethyl-1-pentyl-	62238-04-4	NIST02.L	17387	C10H20	140	53



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

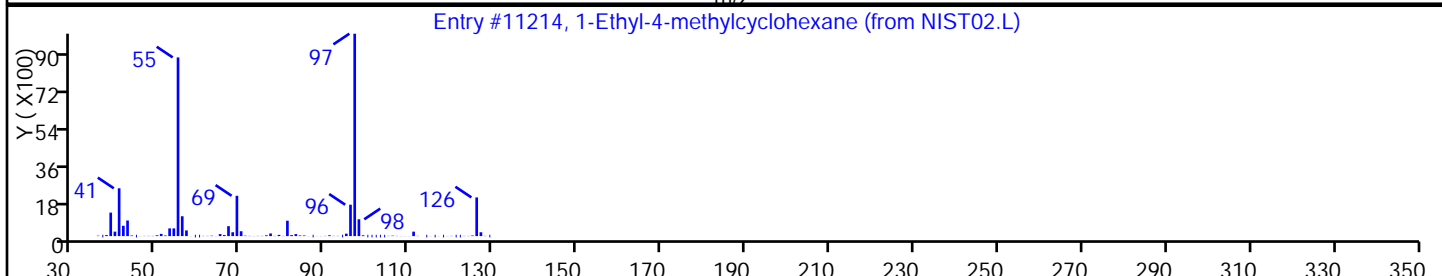
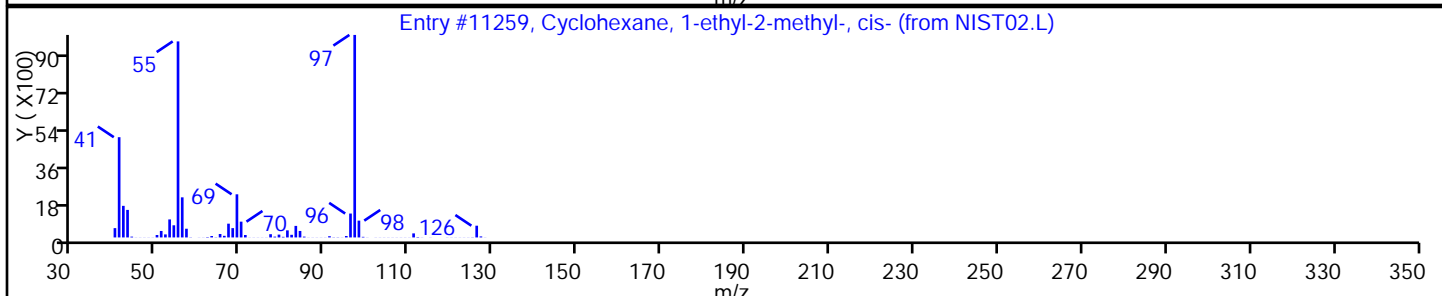
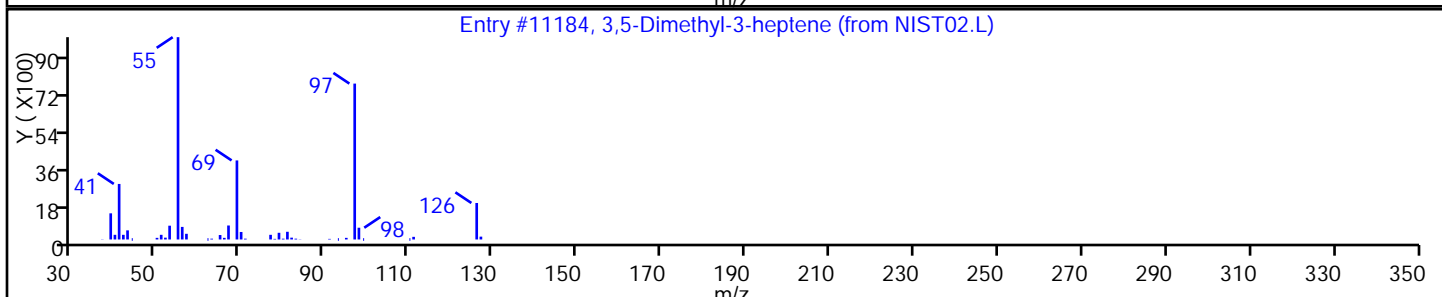
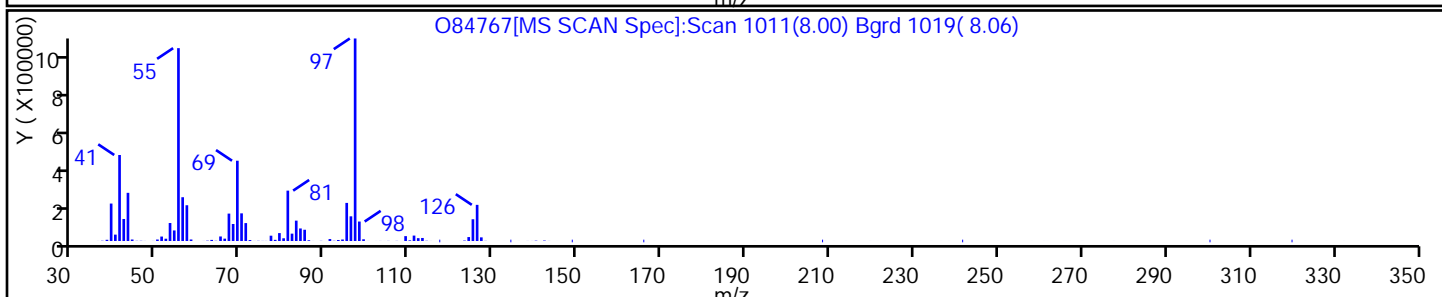
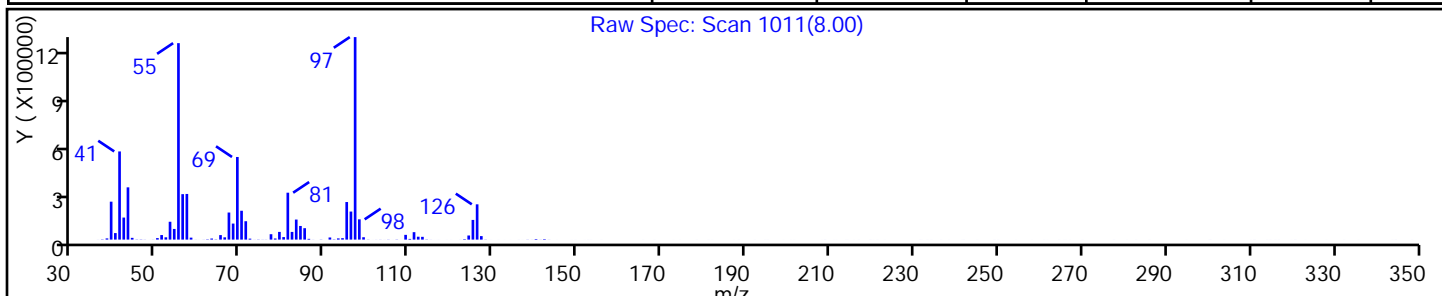
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Cyclohexane, 1-ethyl-2-methyl-, cis-	4923-77-7	NIST02.L	11259	C9H18	126	64
1-Ethyl-4-methylcyclohexane	3728-56-1	NIST02.L	11214	C9H18	126	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

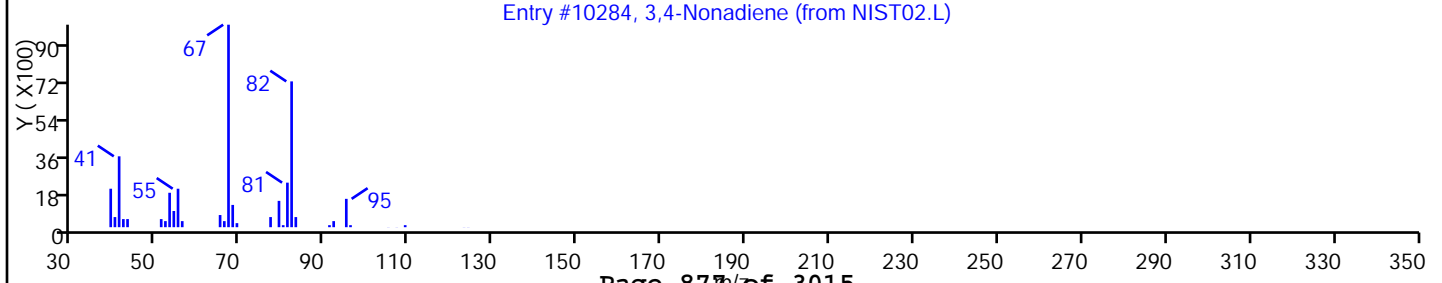
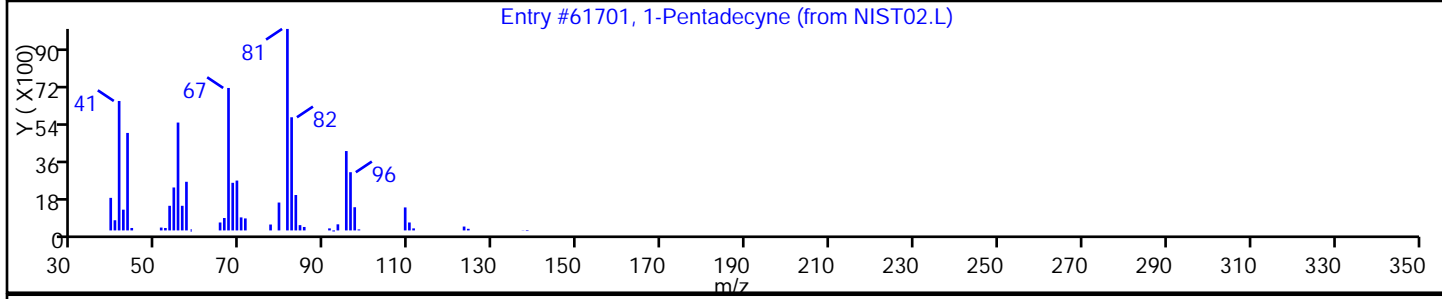
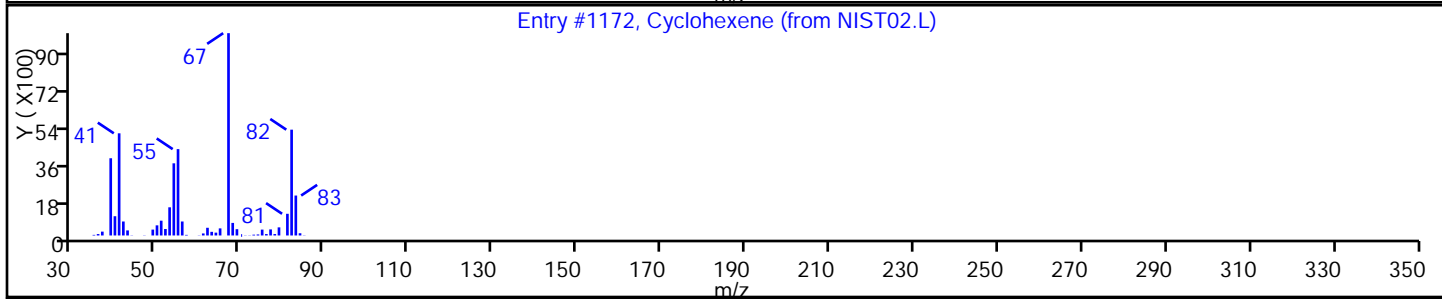
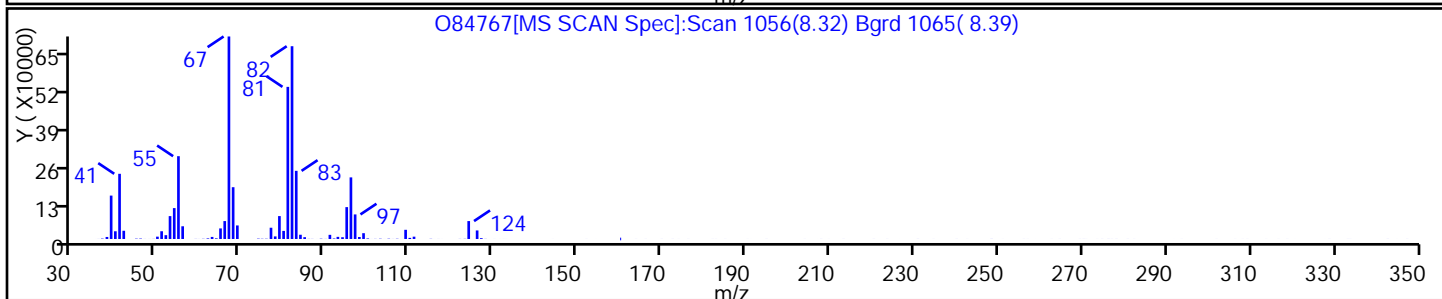
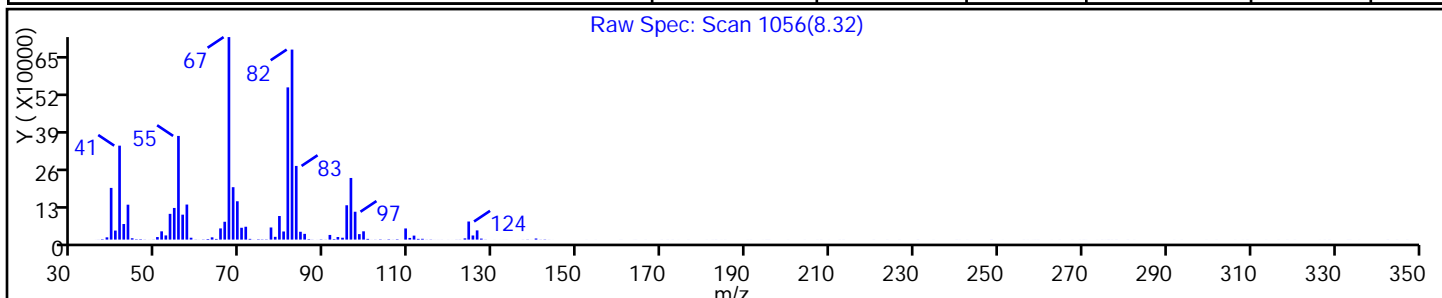
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexene	110-83-8	NIST02.L	1172	C6H10	82	47
1-Pentadecyne	765-13-9	NIST02.L	61701	C15H28	208	43
3,4-Nonadiene	37050-03-6	NIST02.L	10284	C9H16	124	43



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

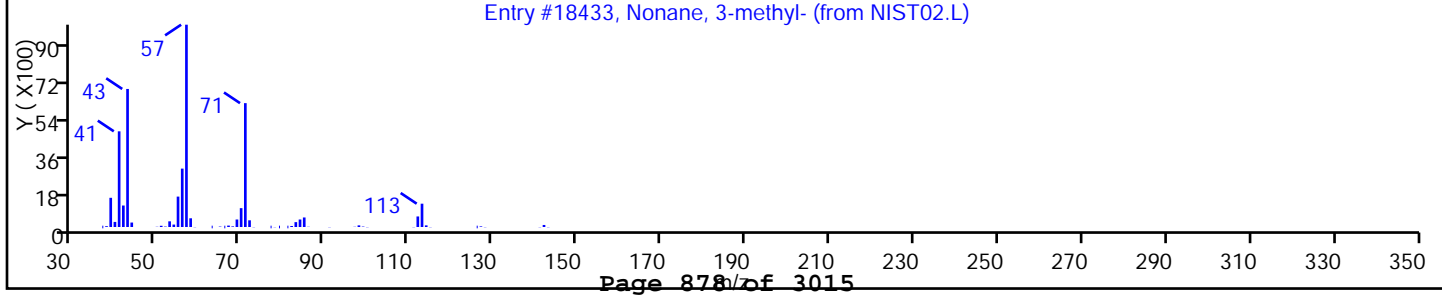
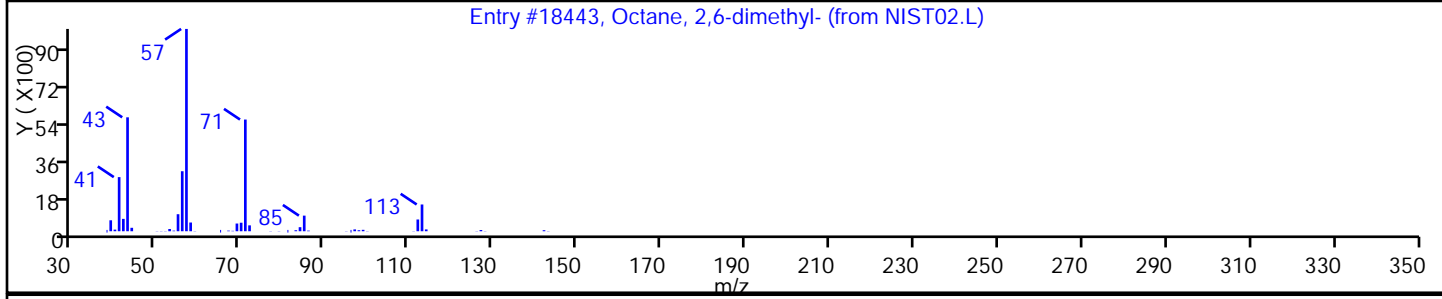
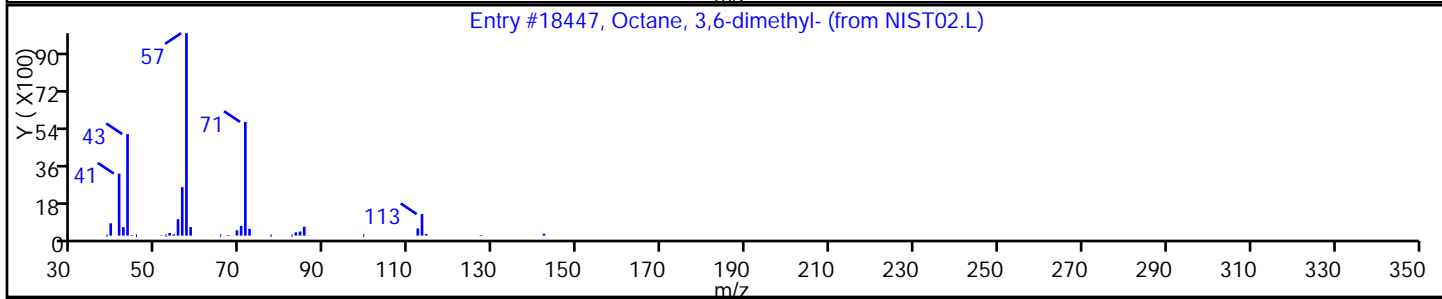
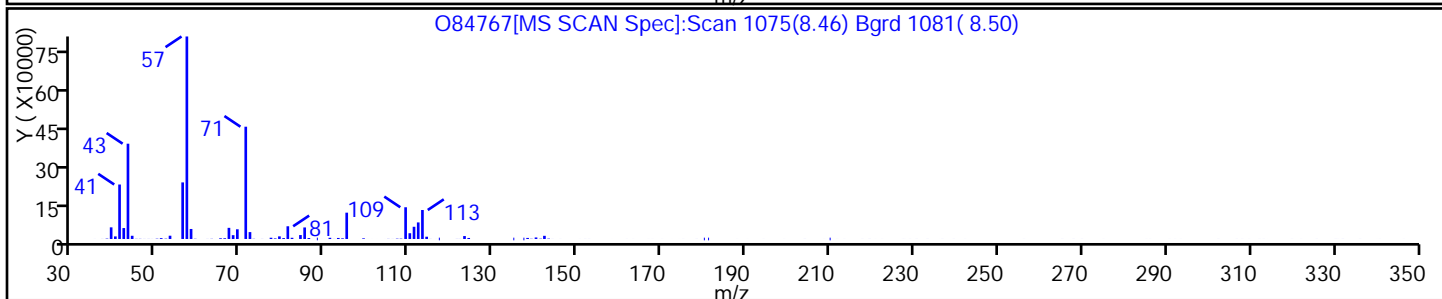
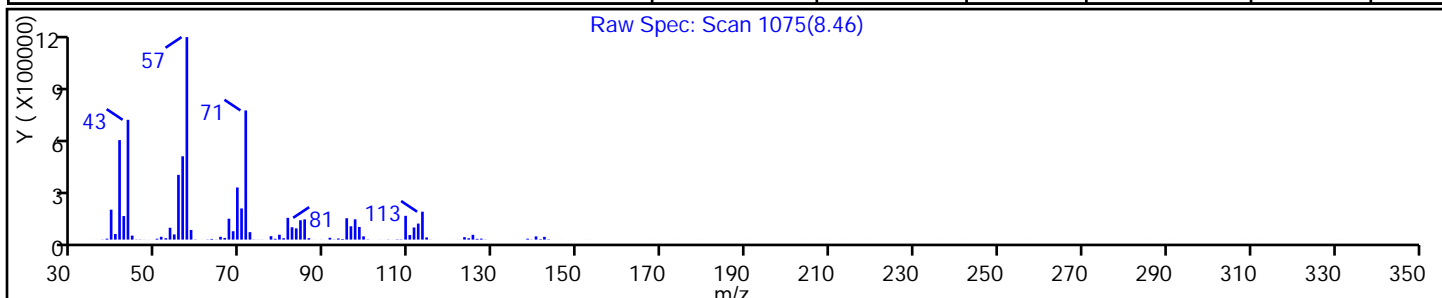
Method: 8260S_12

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	18447	C10H22	142	76
Octane, 2,6-dimethyl-	2051-30-1	NIST02.L	18443	C10H22	142	68
Nonane, 3-methyl-	5911-04-6	NIST02.L	18433	C10H22	142	68



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

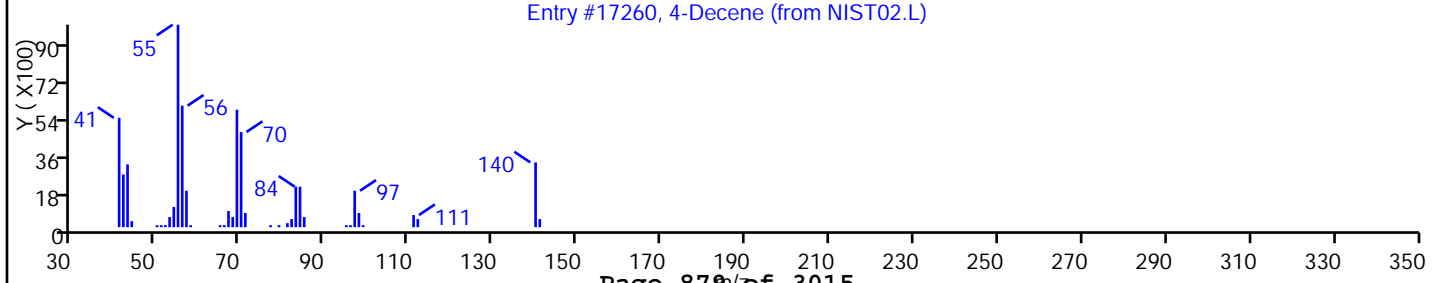
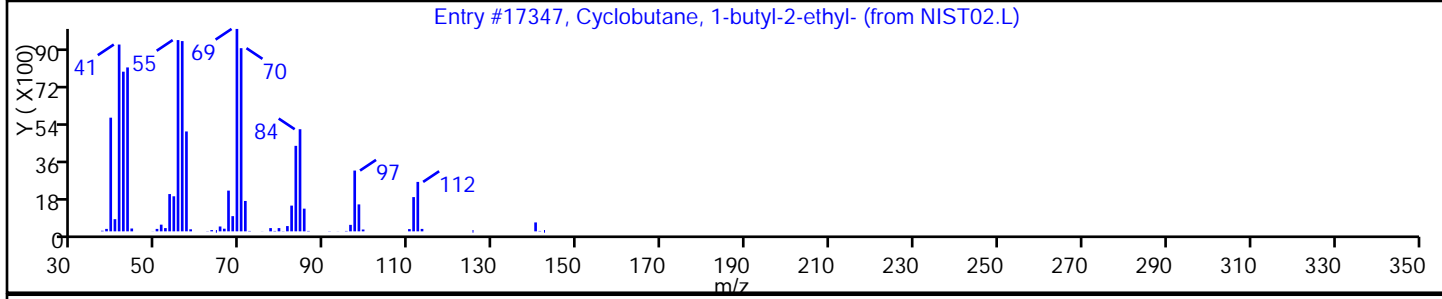
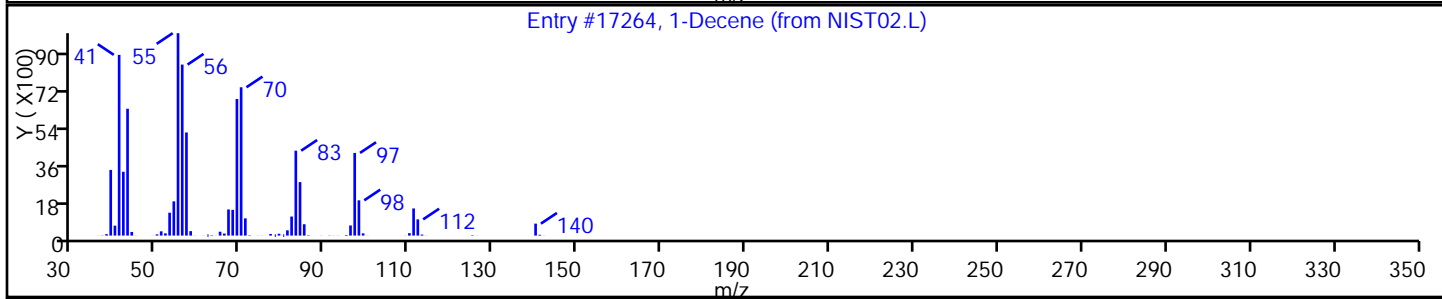
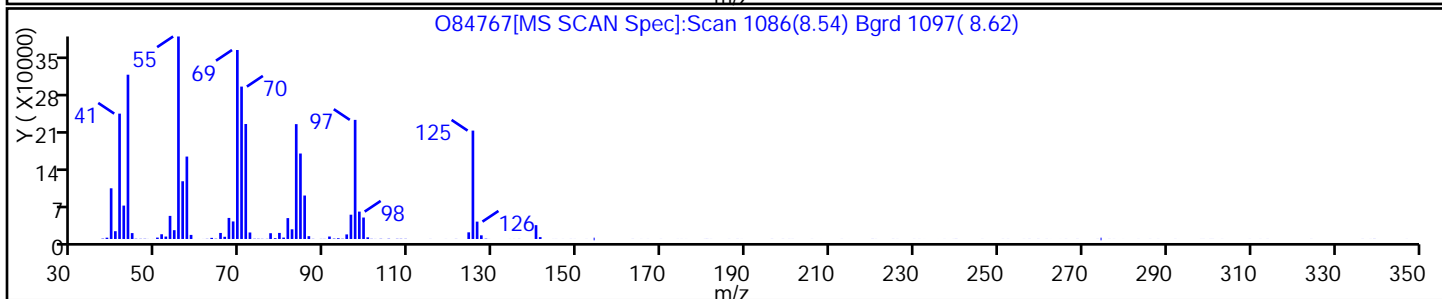
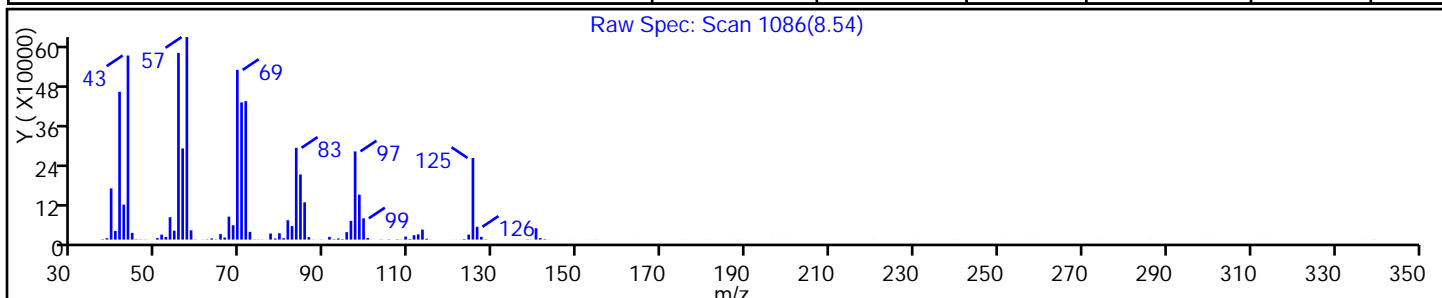
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Decene	872-05-9	NIST02.L	17264	C10H20	140	52
Cyclobutane, 1-butyl-2-ethyl-	1000150-67	NIST02.L	17347	C10H20	140	52
4-Decene	19689-18-0	NIST02.L	17260	C10H20	140	49



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

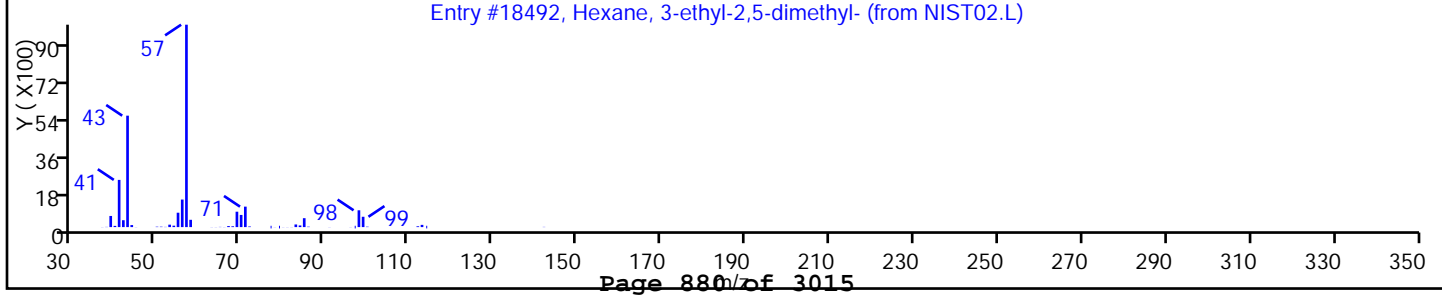
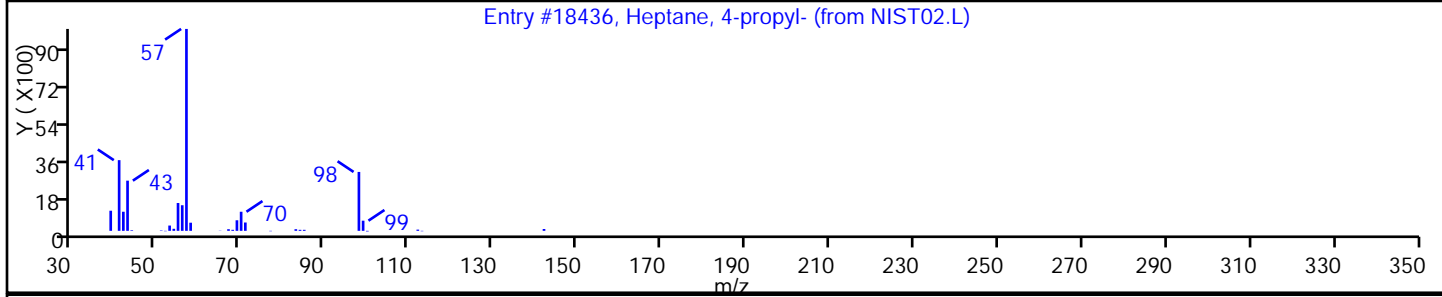
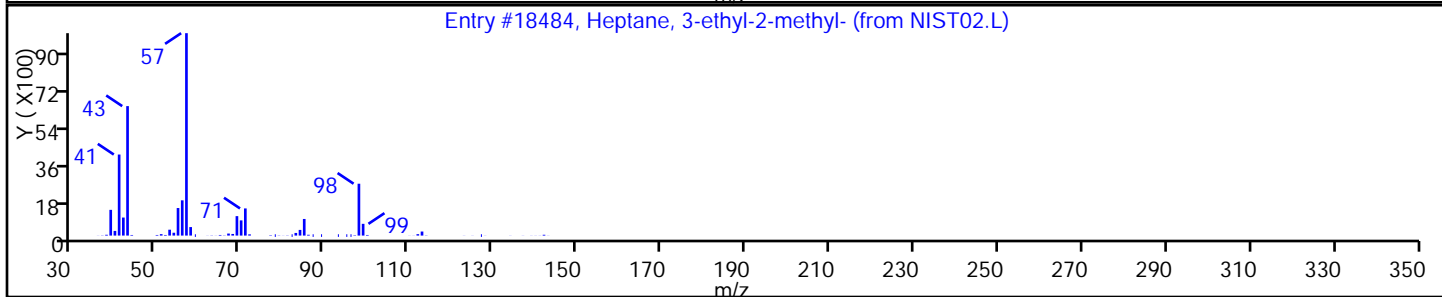
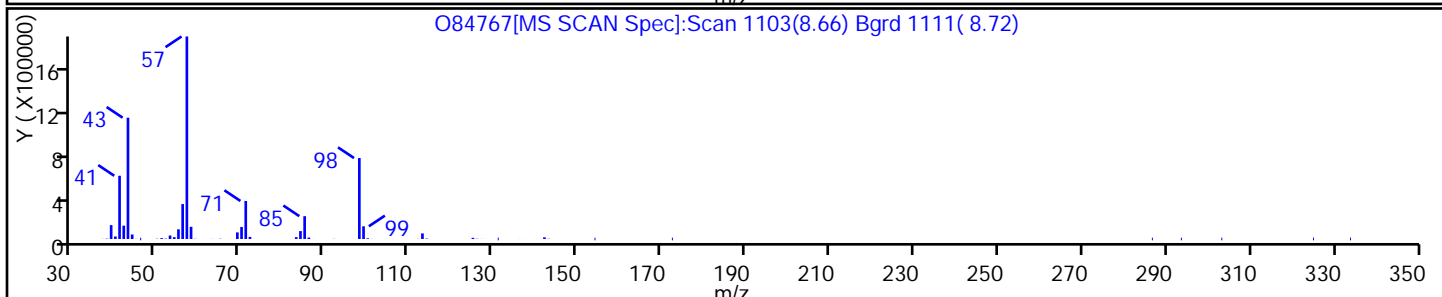
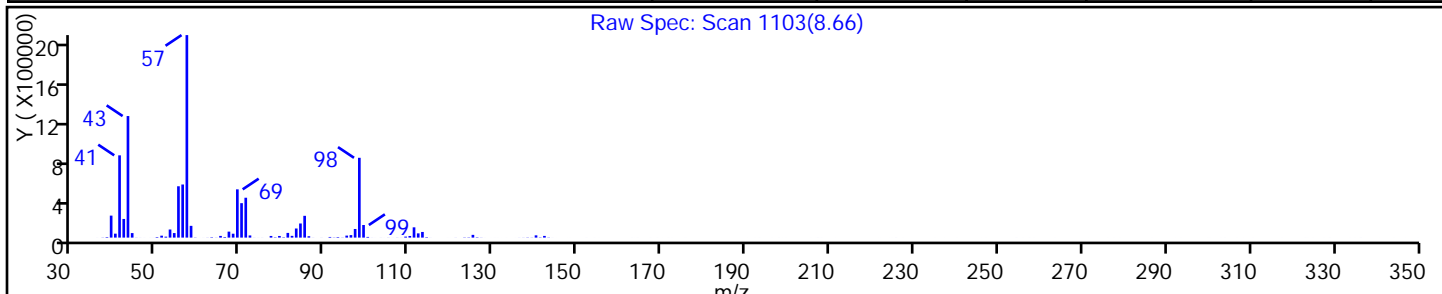
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 3-ethyl-2-methyl-	14676-29-0	NIST02.L	18484	C10H22	142	83
Heptane, 4-propyl-	3178-29-8	NIST02.L	18436	C10H22	142	53
Hexane, 3-ethyl-2,5-dimethyl-	52897-04-8	NIST02.L	18492	C10H22	142	47



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140313-10824.b\O84767.D

Injection Date: 14-Mar-2014 01:54:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID: VOA GC/MS12

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

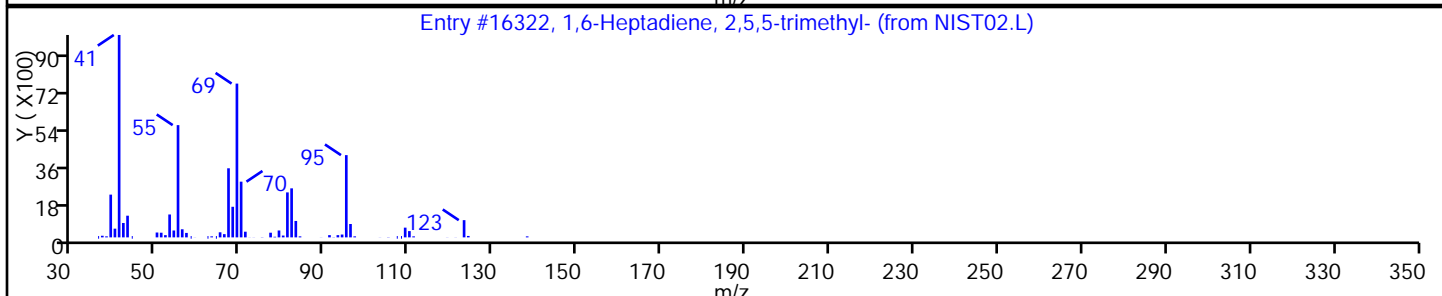
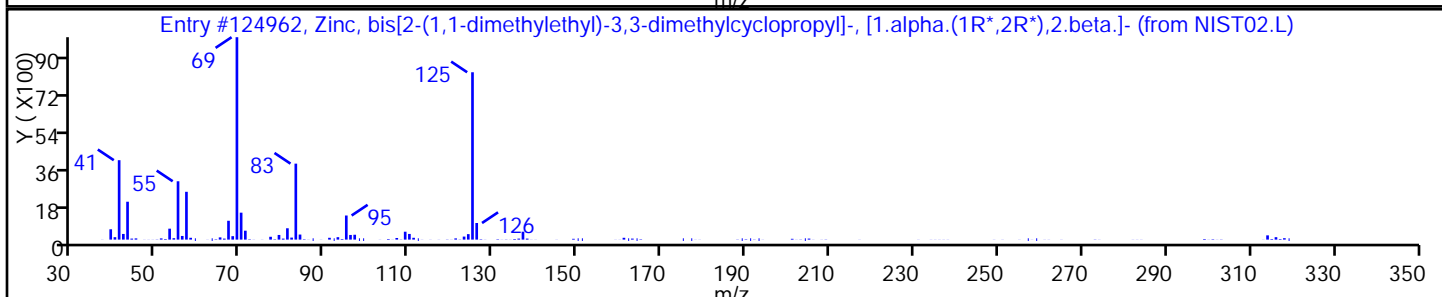
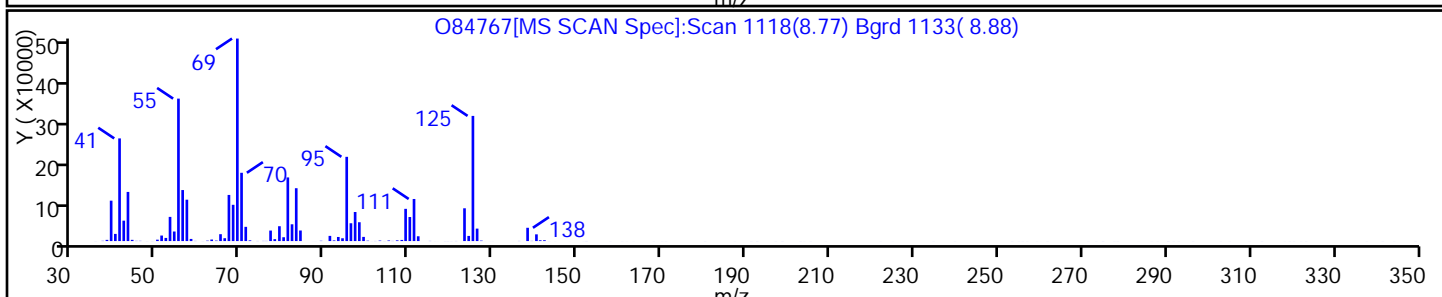
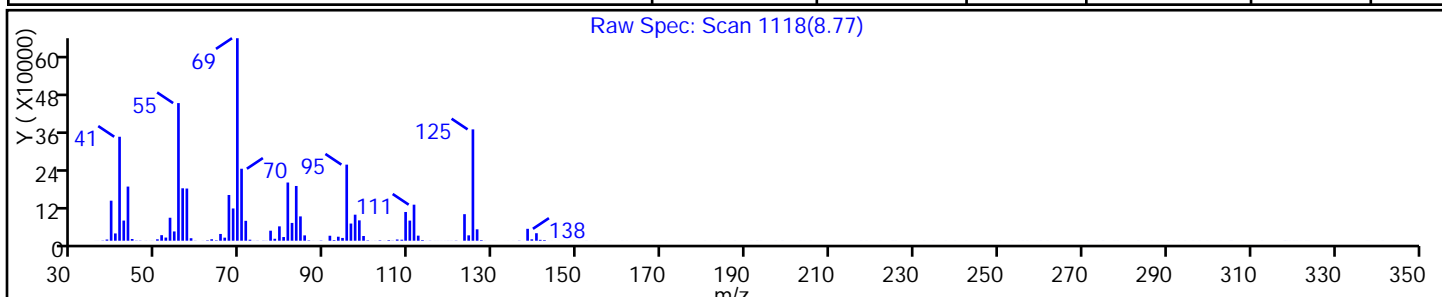
Method: 8260S_12

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	47
1,6-Heptadiene, 2,5,5-trimethyl-	62238-28-2	NIST02.L	16322	C10H18	138	43



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: O84779.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:30
 Sample wt/vol: 6.287(g) Date Analyzed: 03/14/2014 07:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 17.2 Level: (low/med) Low
 Analysis Batch No.: 212542 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	0.94	J	0.96	0.14
67-64-1	Acetone	14	B	4.8	1.6
75-15-0	Carbon disulfide	0.46	J	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	0.78	J	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	0.16	U	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	0.11	U	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	0.12	U	0.96	0.12
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: O84779.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:30
 Sample wt/vol: 6.287(g) Date Analyzed: 03/14/2014 07:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 17.2 Level: (low/med) Low
 Analysis Batch No.: 212542 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	0.18	U	0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.96	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
108-87-2	Methylcyclohexane	0.096	U	0.96	0.096
127-18-4	Tetrachloroethene	0.12	U	0.96	0.12
1330-20-7	Xylenes, Total	0.64	U	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)	85		70-130
2037-26-5	Toluene-d8 (Surr)	88		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: O84779.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:30
 Sample wt/vol: 6.287(g) Date Analyzed: 03/14/2014 07:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 17.2 Level: (low/med) Low
 Analysis Batch No.: 212542 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\CVOAMS12\20140314-10850.b\O84779.D
 Lims ID: 460-72180-B-18-A Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 07:08:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-18-A
 Misc. Info.: 460-0010850-007
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:50:56 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:50:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.585	0.007	78	22171	14.7	
21 Carbon disulfide	76	1.656	1.656	0.0	98	7249	0.4742	
25 Methylene Chloride	84	1.821	1.814	0.007	85	5122	0.9815	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	99	380084	1000.0	
47 Chloroform	83	2.895	2.895	0.0	86	6875	0.8100	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	93	147990	43.9	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.297	3.297	0.0	86	149369	42.5	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	834689	50.0	
* 150 1,4-Dioxane-d8	96	4.292	4.271	0.021	88	29155	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	695663	44.2	
* 87 Chlorobenzene-d5	117	7.122	7.122	0.0	88	599643	50.0	
\$ 99 4-Bromofluorobenzene	174	8.920	8.920	0.0	84	198799	47.0	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	289652	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84779.D

Injection Date: 14-Mar-2014 07:08:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-B-18-A

Lab Sample ID: 460-72180-18

Worklist Smp#: 7

Client ID: PMP-26SW-SI

Purge Vol: 5.000 mL

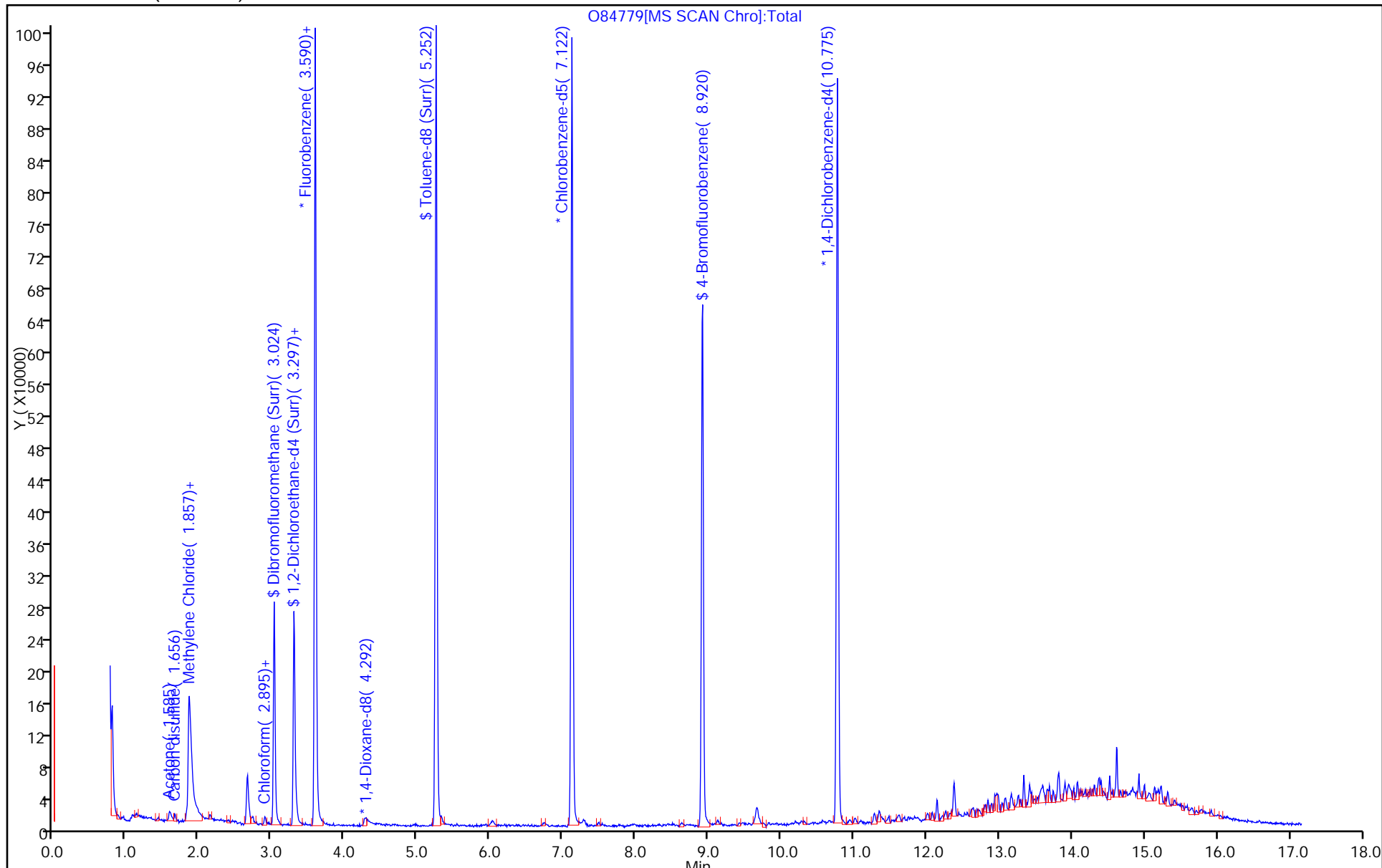
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84779.D

Injection Date: 14-Mar-2014 07:08:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

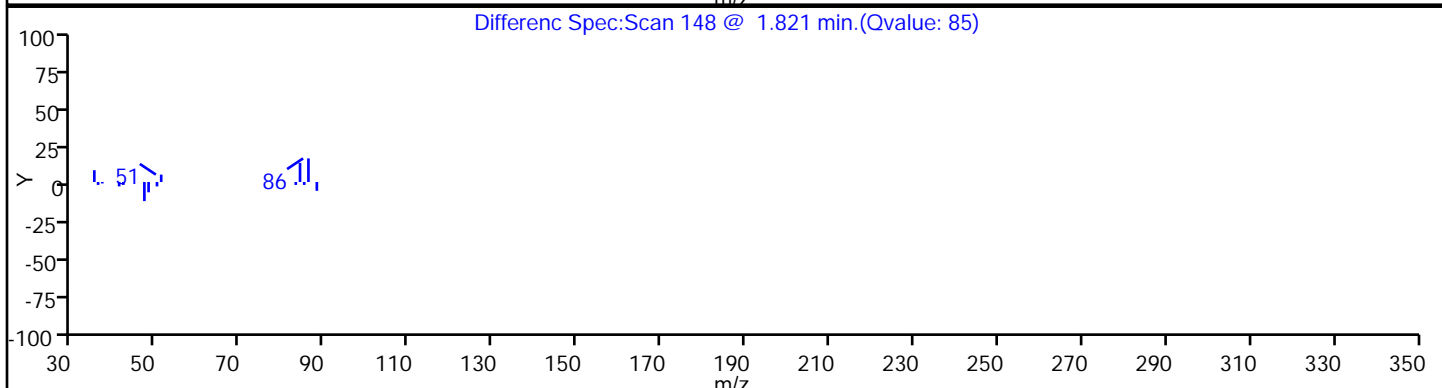
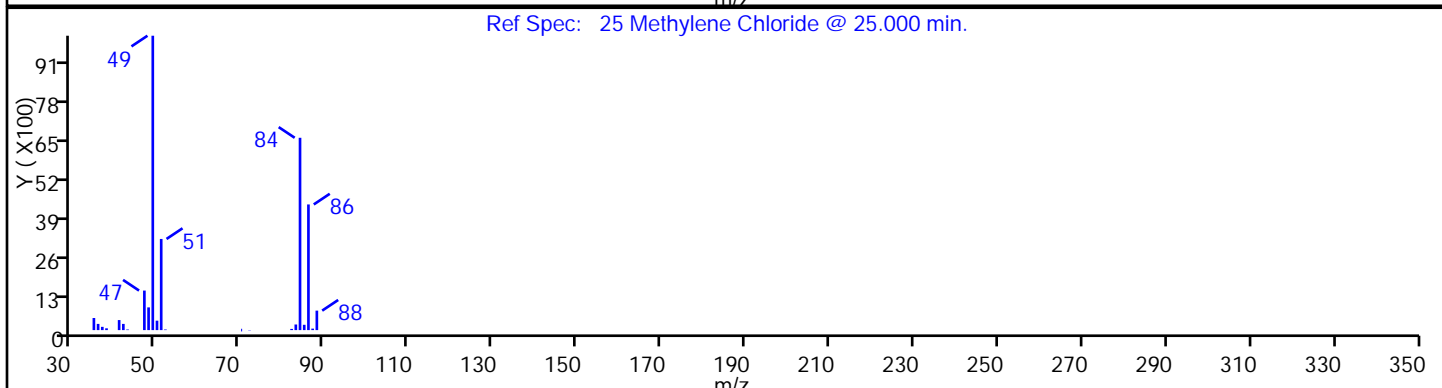
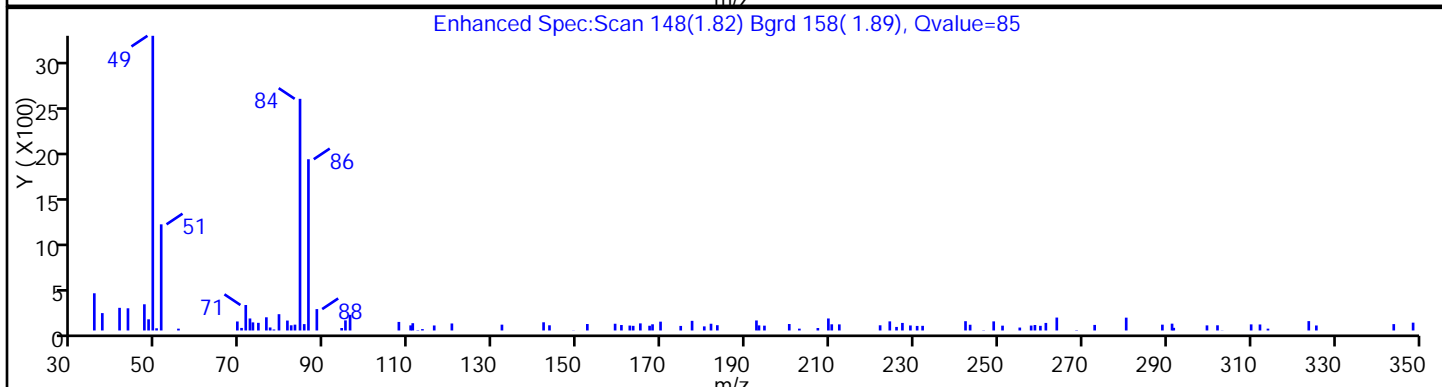
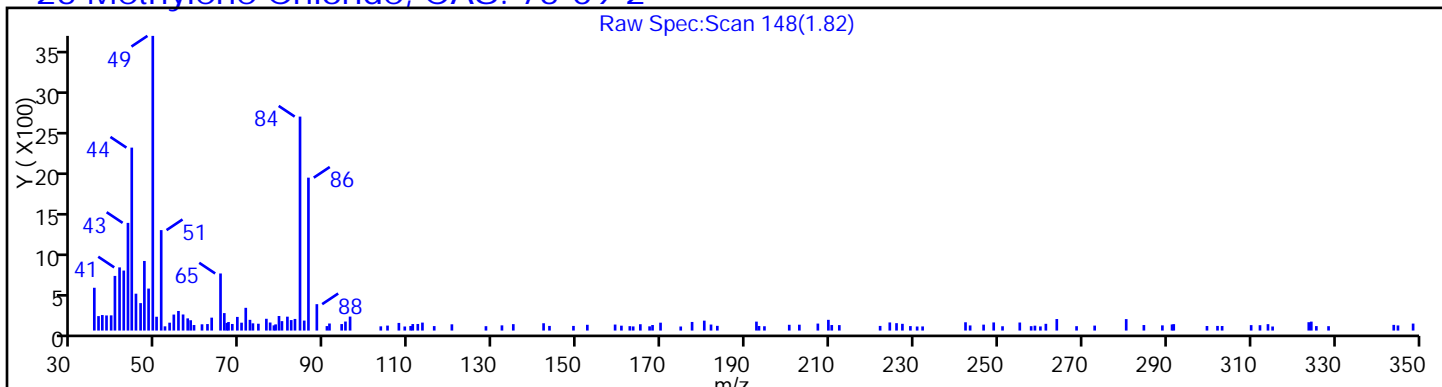
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84779.D

Injection Date: 14-Mar-2014 07:08:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

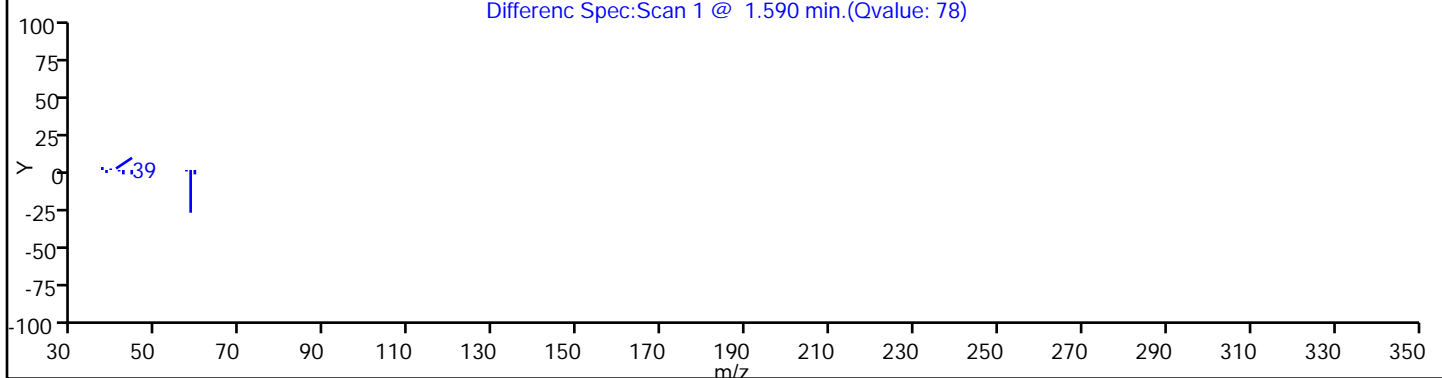
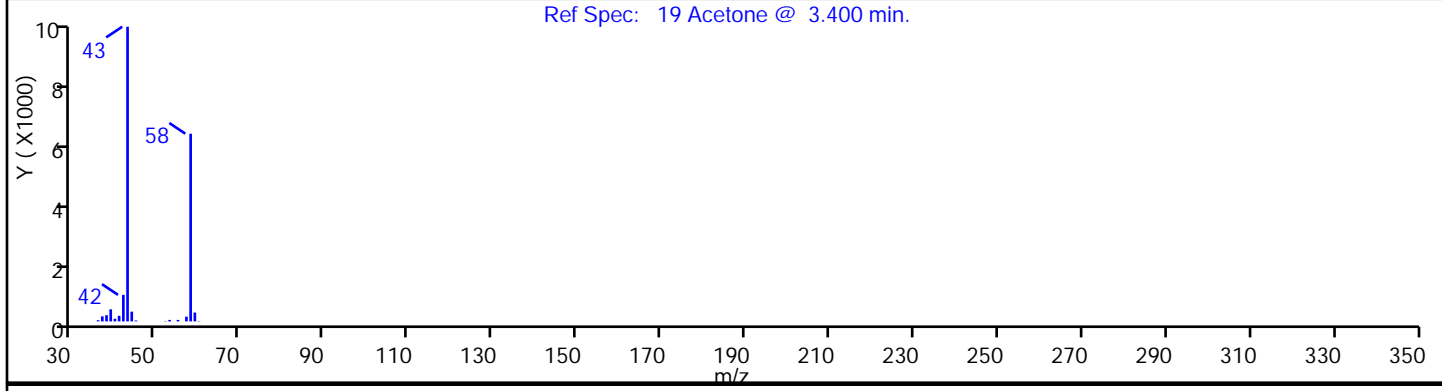
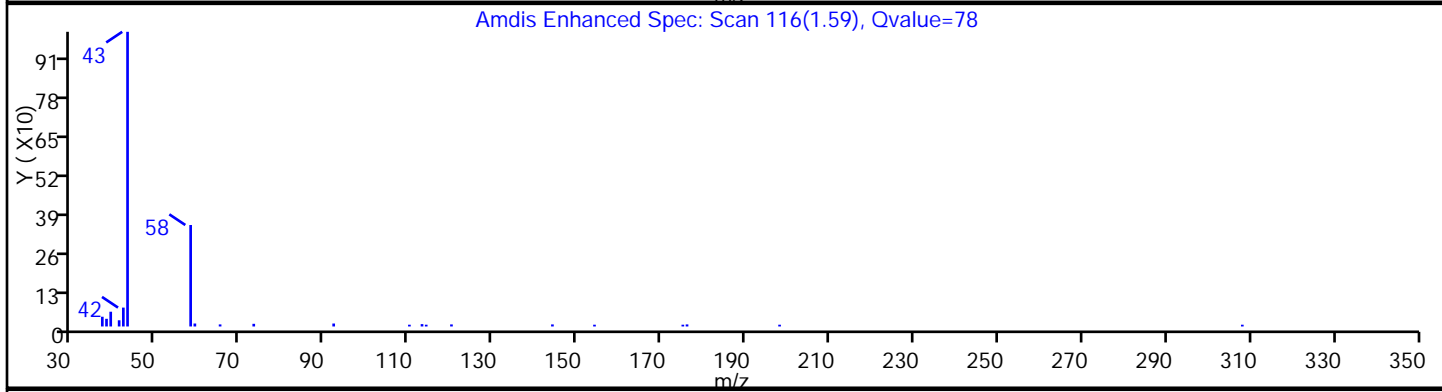
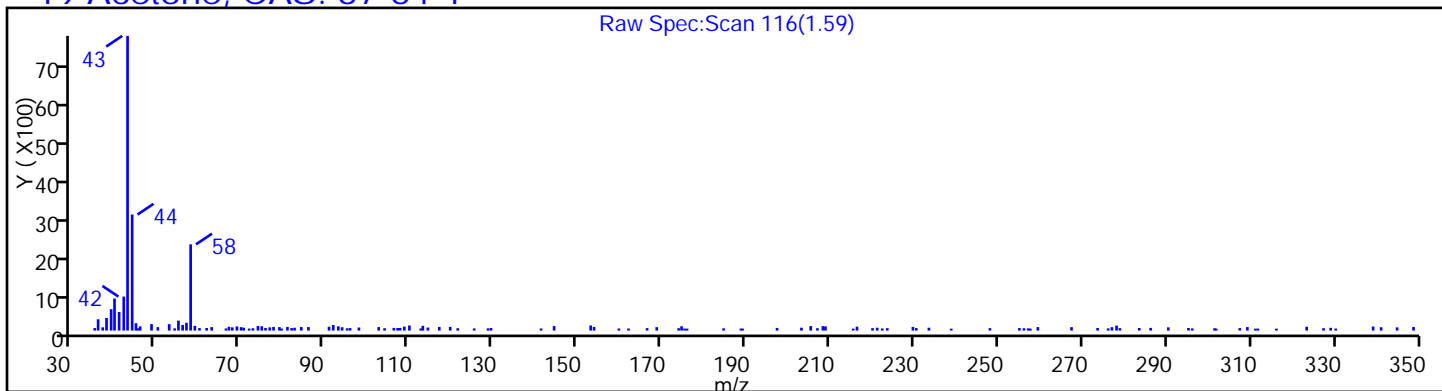
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

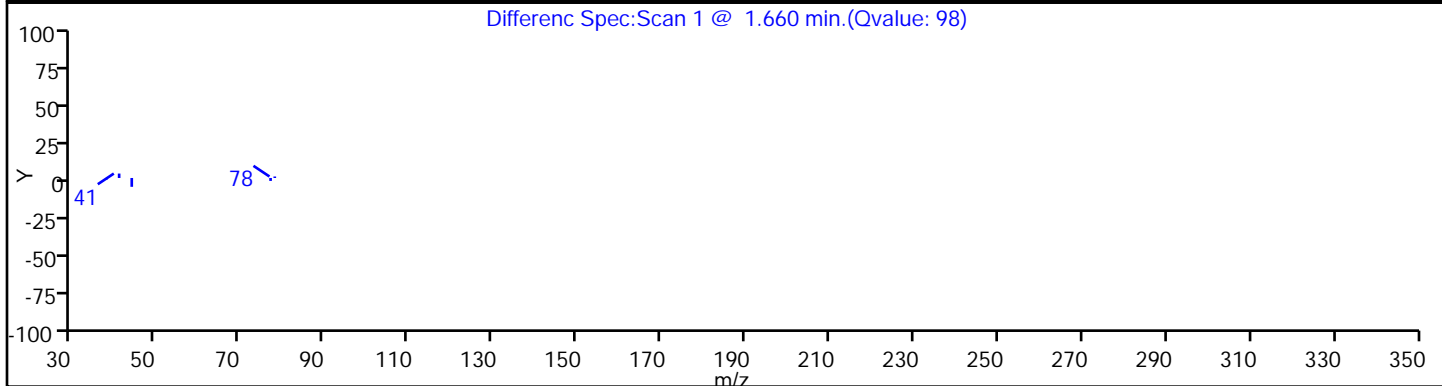
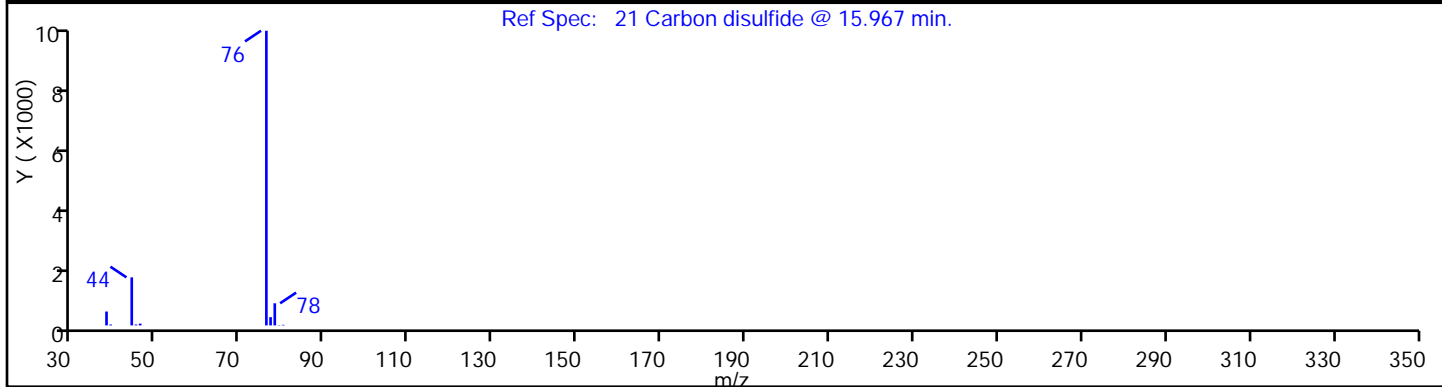
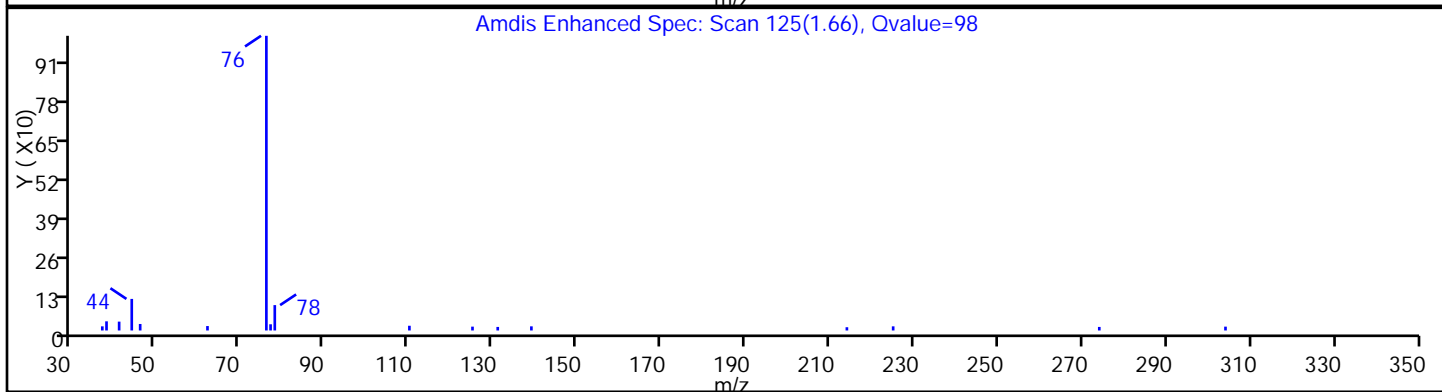
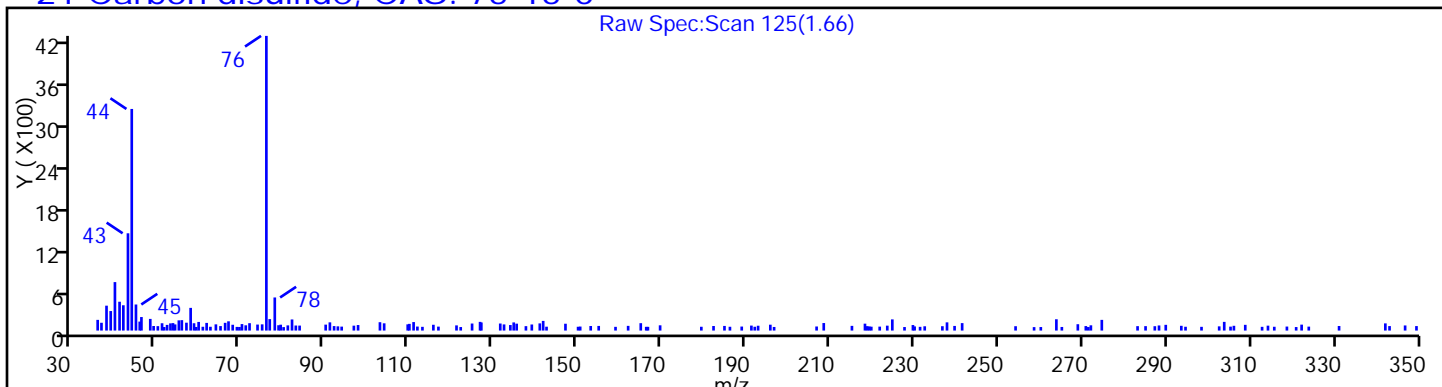
19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84779.D
Injection Date: 14-Mar-2014 07:08:30 Instrument ID: CVOAMS12
Lims ID: 460-72180-B-18-A Lab Sample ID: 460-72180-18
Client ID: PMP-26SW-SI
Operator ID: VOA GC/MS12 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

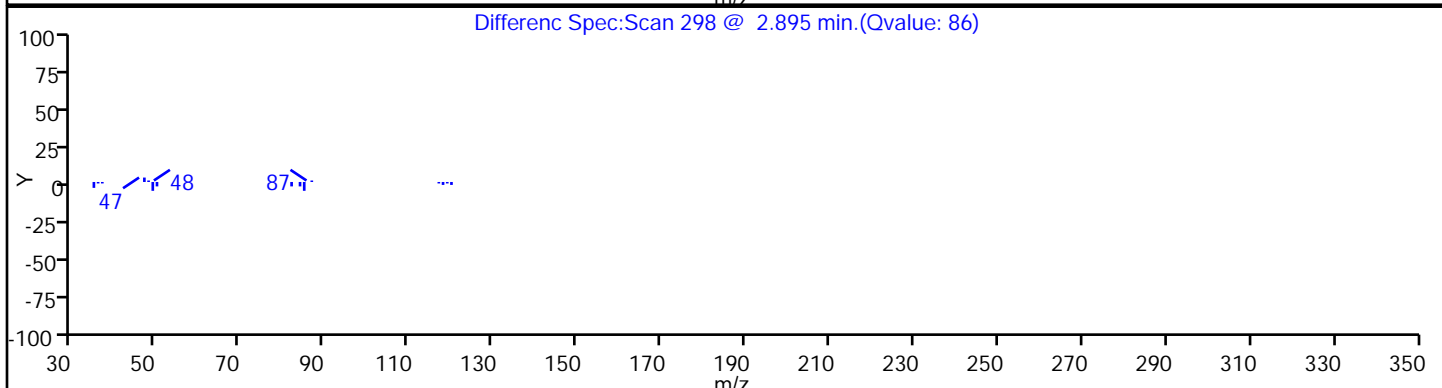
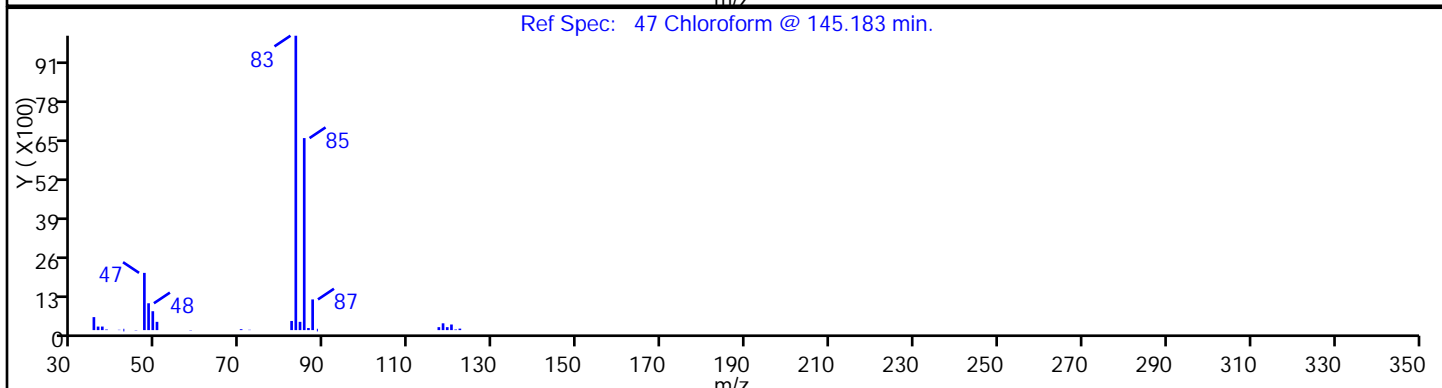
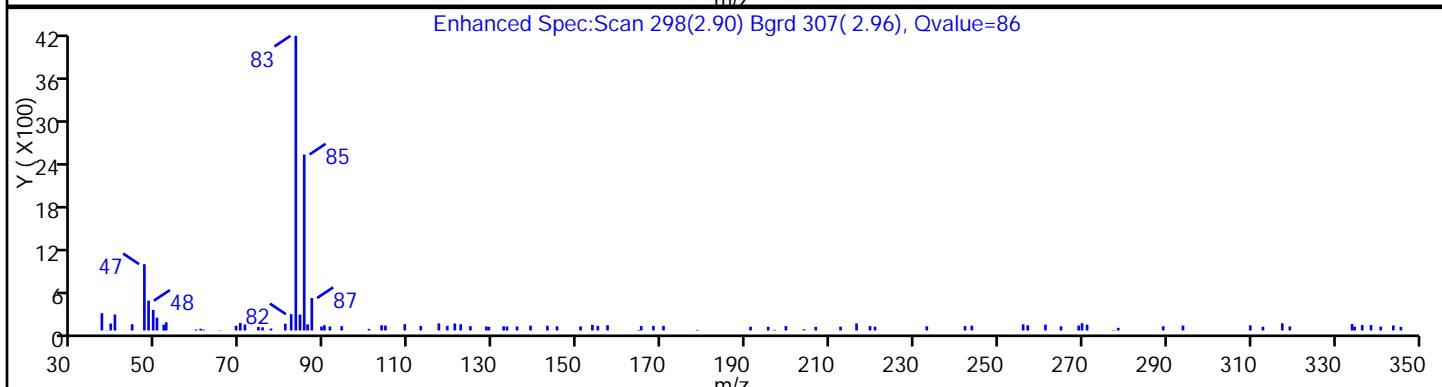
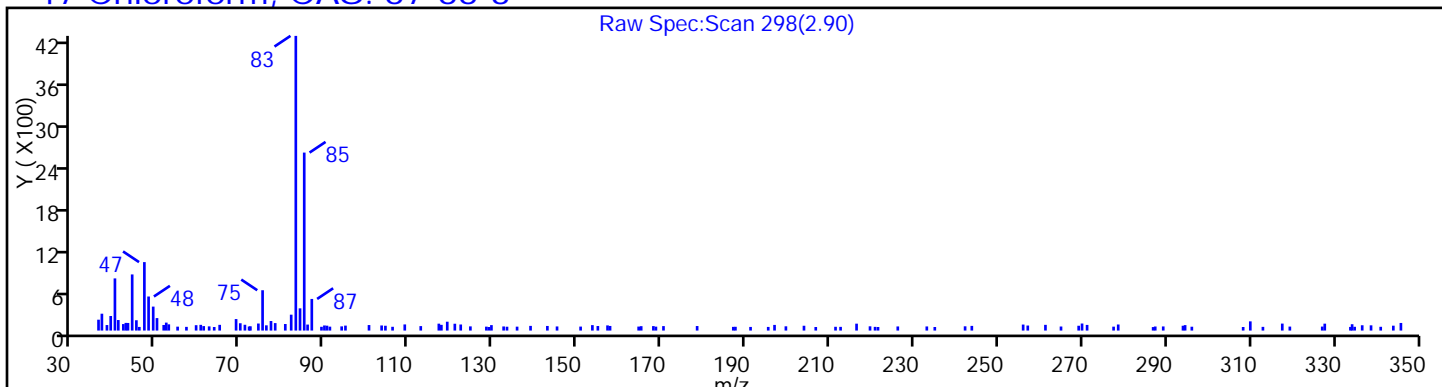
21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84779.D
Injection Date: 14-Mar-2014 07:08:30 Instrument ID: CVOAMS12
Lims ID: 460-72180-B-18-A Lab Sample ID: 460-72180-18
Client ID: PMP-26SW-SI
Operator ID: VOA GC/MS12 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
Column: DB-624 (0.18 mm) Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: O84769.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:40
 Sample wt/vol: 6.012(g) Date Analyzed: 03/14/2014 02:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 7.1 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.38	U	0.90	0.38
75-01-4	Vinyl chloride	0.30	U	0.90	0.30
75-00-3	Chloroethane	0.30	U	0.90	0.30
75-09-2	Methylene Chloride	0.88	J	0.90	0.13
67-64-1	Acetone	5.9	B	4.5	1.5
75-15-0	Carbon disulfide	0.13	U	0.90	0.13
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	0.098	U	0.90	0.098
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.90	0.12
156-59-2	cis-1,2-Dichloroethene	0.098	U	0.90	0.098
67-66-3	Chloroform	0.21	U	0.90	0.21
78-93-3	2-Butanone	0.56	U	4.5	0.56
107-06-2	1,2-Dichloroethane	0.16	U	0.90	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.90	0.12
56-23-5	Carbon tetrachloride	0.13	U	0.90	0.13
71-43-2	Benzene	0.13	U	0.90	0.13
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	0.15	U	0.90	0.15
108-90-7	Chlorobenzene	0.16	U	0.90	0.16
110-82-7	Cyclohexane	0.12	U	0.90	0.12
98-82-8	Isopropylbenzene	0.098	U	0.90	0.098
591-78-6	2-Hexanone	0.12	U	4.5	0.12
1634-04-4	MTBE	0.098	U	0.90	0.098
76-13-1	Freon TF	0.098	U	0.90	0.098
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	0.11	U	0.90	0.11
108-88-3	Toluene	0.13	U	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	0.090	U	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: O84769.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:40
 Sample wt/vol: 6.012(g) Date Analyzed: 03/14/2014 02:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 7.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.098	U	0.90	0.098
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.90	0.17
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.90	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.90	0.13
108-87-2	Methylcyclohexane	0.090	U	0.90	0.090
127-18-4	Tetrachloroethene	0.11	U	0.90	0.11
1330-20-7	Xylenes, Total	0.60	U	1.8	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	0.39	U	0.90	0.39
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	0.13	U	0.90	0.13
75-71-8	Dichlorodifluoromethane	0.20	U	0.90	0.20
74-97-5	Bromochloromethane	0.098	U	0.90	0.098
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)	89		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	92		70-130
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: O84769.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:40
 Sample wt/vol: 6.012(g) Date Analyzed: 03/14/2014 02:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 7.1 Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84769.D
 Lims ID: 460-72180-A-19-A Lab Sample ID: 460-72180-19
 Client ID: PMP-27SW-VD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 02:44:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-19-A
 Misc. Info.: 460-0010824-020
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:00:04 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:00:04

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	72	15004	6.61	
25 Methylene Chloride	84	1.821	1.821	0.0	63	5888	0.9788	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	100	570298	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	169469	43.6	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	88	179571	44.4	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	962193	50.0	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	91	50955	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	783678	44.8	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	86	666702	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	216387	46.0	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	315754	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84769.D

Injection Date: 14-Mar-2014 02:44:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-19-A

Lab Sample ID: 460-72180-19

Worklist Smp#: 20

Client ID: PMP-27SW-VD

Purge Vol: 5.000 mL

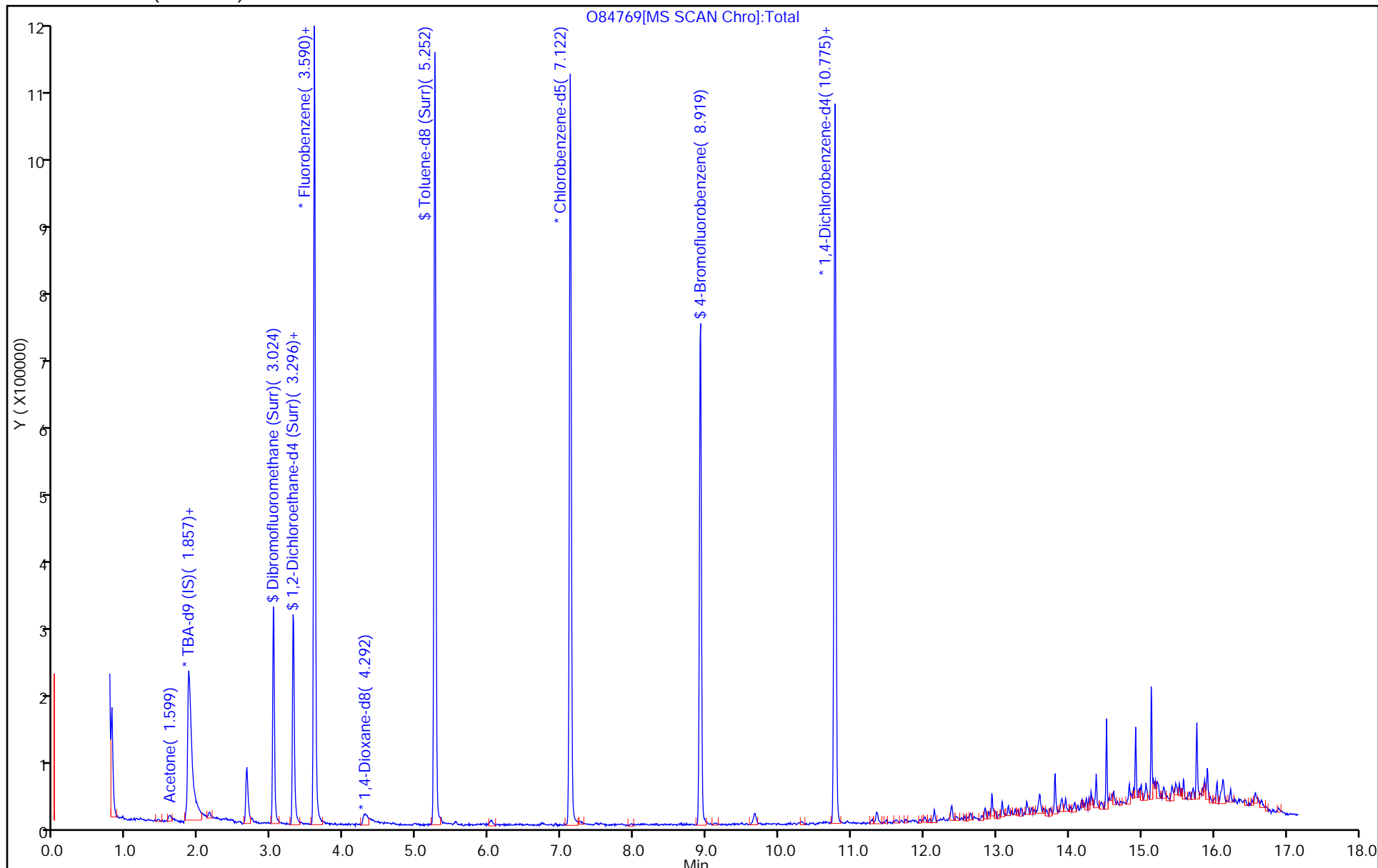
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84769.D

Injection Date: 14-Mar-2014 02:44:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-19-A

Lab Sample ID: 460-72180-19

Client ID: PMP-27SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

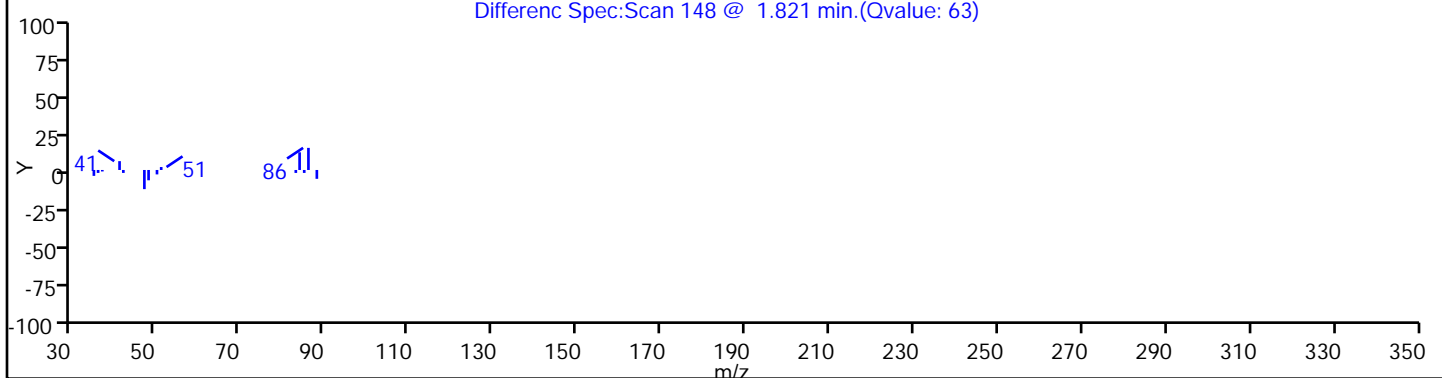
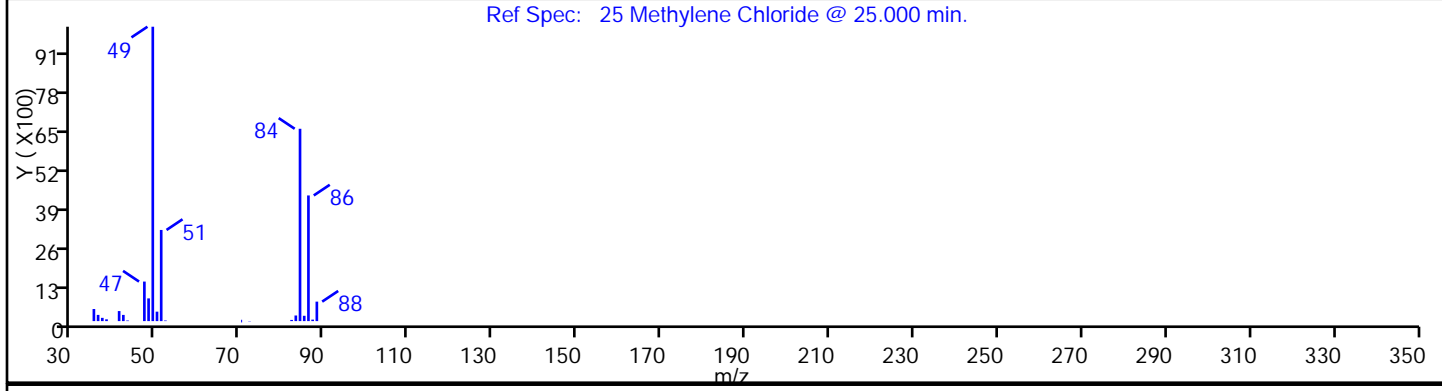
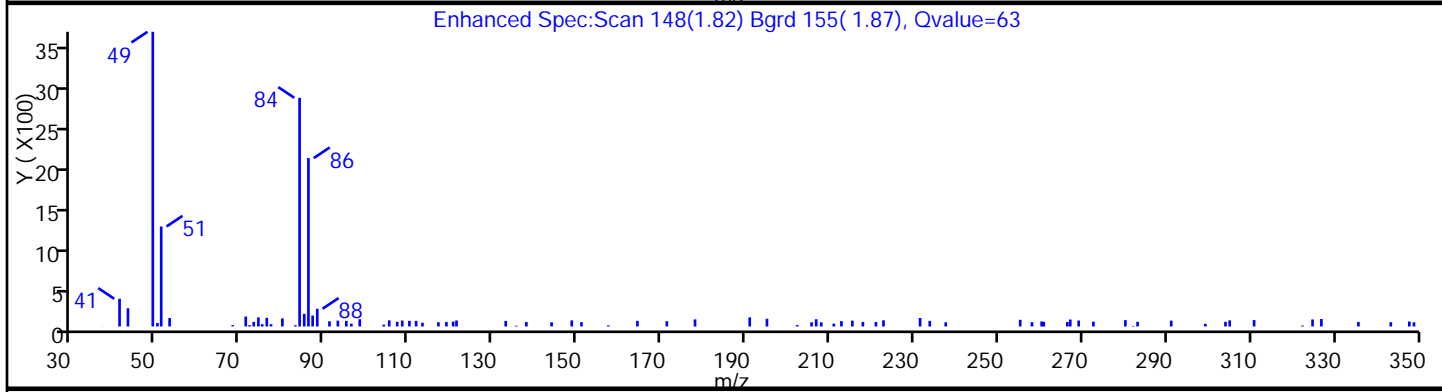
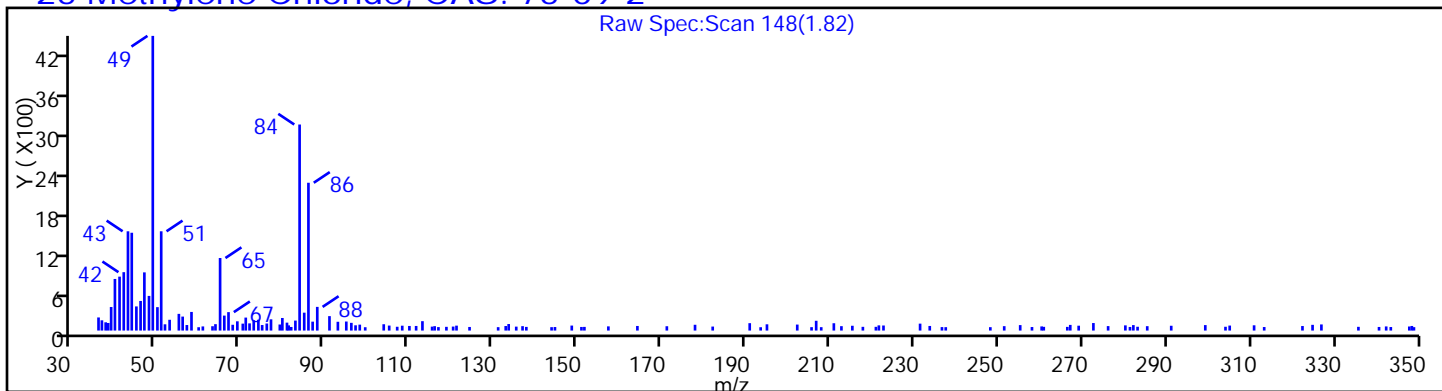
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84769.D

Injection Date: 14-Mar-2014 02:44:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-19-A

Lab Sample ID: 460-72180-19

Client ID: PMP-27SW-VD

Operator ID: VOA GC/MS12

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

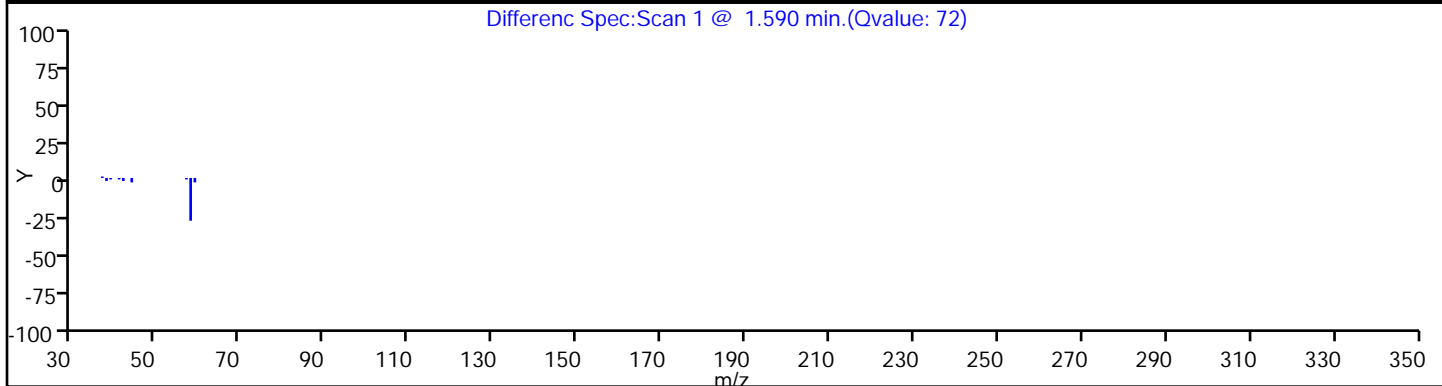
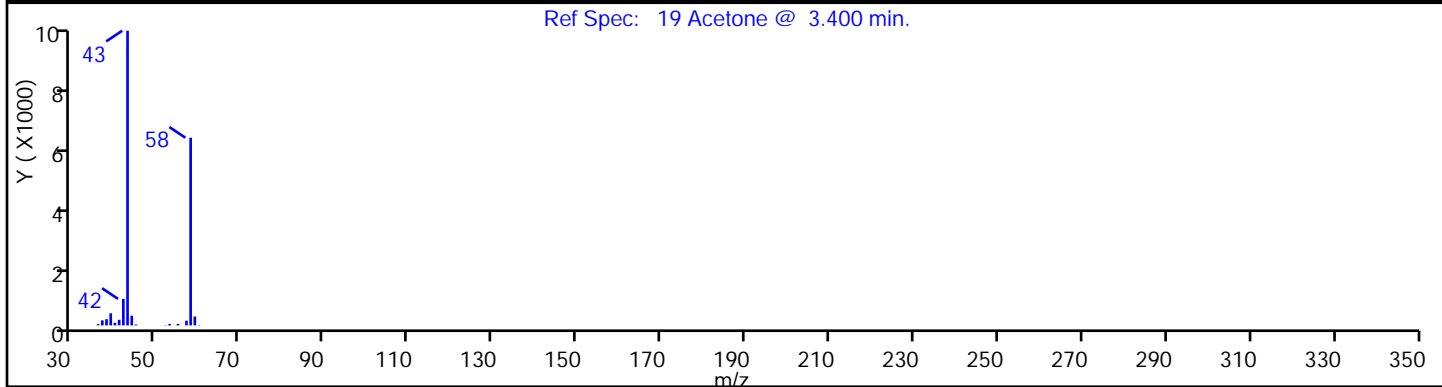
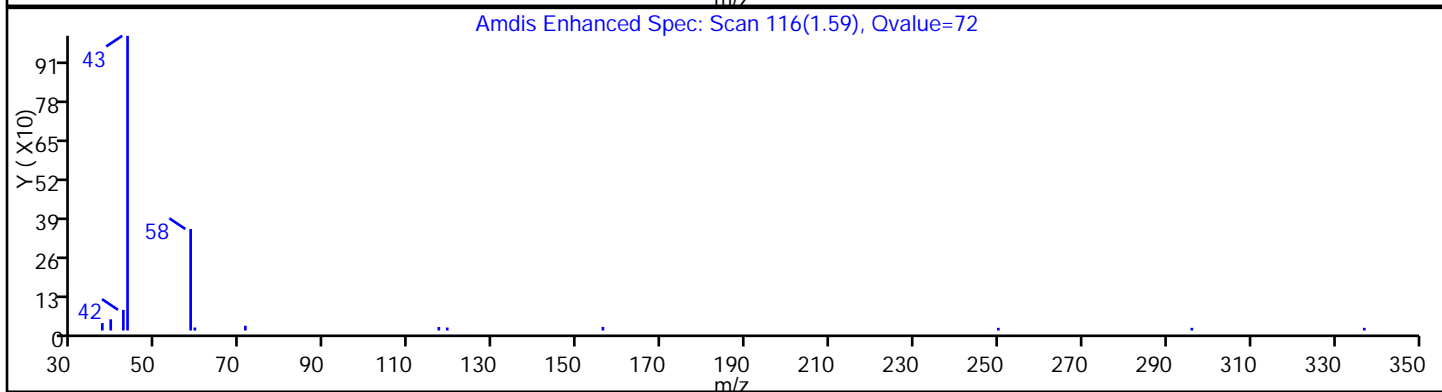
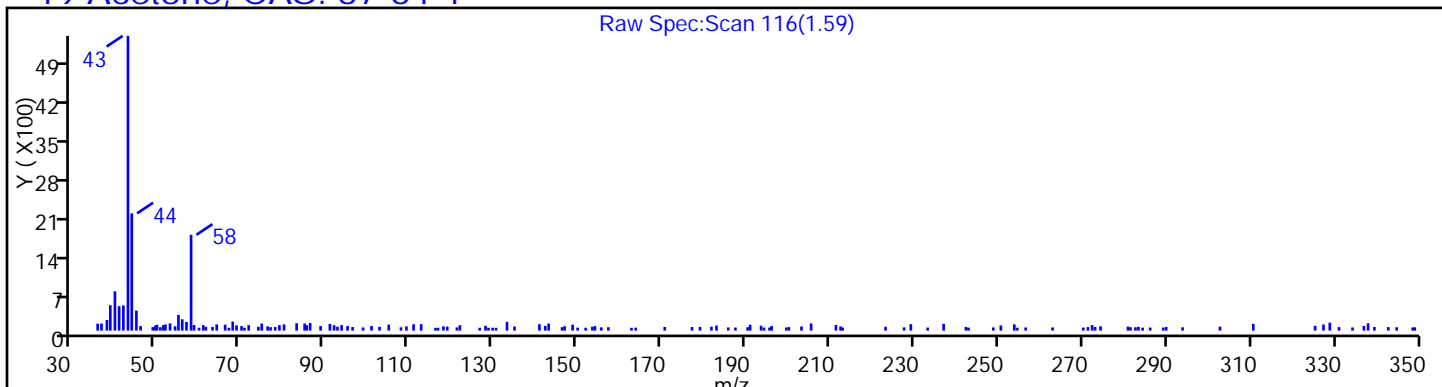
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: J09984.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:45
 Sample wt/vol: 4.93(g) Date Analyzed: 03/14/2014 06:22
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 13.7 Level: (low/med) Medium
 Analysis Batch No.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	120	11
74-83-9	Bromomethane	21	U	120	21
75-01-4	Vinyl chloride	17	U	120	17
75-00-3	Chloroethane	20	U	120	20
75-09-2	Methylene Chloride	21	U	120	21
67-64-1	Acetone	320	U	590	320
75-15-0	Carbon disulfide	15	U	120	15
75-69-4	Trichlorofluoromethane	17	U	120	17
75-35-4	1,1-Dichloroethene	10	U	120	10
75-34-3	1,1-Dichloroethane	15	U	120	15
156-60-5	trans-1,2-Dichloroethene	15	U	120	15
156-59-2	cis-1,2-Dichloroethene	21	U	120	21
67-66-3	Chloroform	9.2	U	120	9.2
78-93-3	2-Butanone	270	U	590	270
107-06-2	1,2-Dichloroethane	22	U	120	22
71-55-6	1,1,1-Trichloroethane	7.3	U	120	7.3
56-23-5	Carbon tetrachloride	6.7	U	120	6.7
71-43-2	Benzene	9.7	U	120	9.7
75-25-2	Bromoform	23	U	120	23
100-42-5	Styrene	14	U	120	14
100-41-4	Ethylbenzene	11	U	120	11
108-90-7	Chlorobenzene	13	U	120	13
110-82-7	Cyclohexane	19	U	120	19
98-82-8	Isopropylbenzene	9.0	U	120	9.0
591-78-6	2-Hexanone	59	U *	590	59
1634-04-4	MTBE	16	U	120	16
76-13-1	Freon TF	9.6	U	120	9.6
79-20-9	Methyl acetate	39	U	590	39
123-91-1	1,4-Dioxane	4200	U	5900	4200
79-01-6	Trichloroethene	11	U	120	11
108-88-3	Toluene	18	U	120	18
10061-02-6	trans-1,3-Dichloropropene	29	U	120	29
108-10-1	4-Methyl-2-pentanone	120	U	590	120
10061-01-5	cis-1,3-Dichloropropene	22	U	120	22
95-50-1	1,2-Dichlorobenzene	24	U	120	24
541-73-1	1,3-Dichlorobenzene	16	U	120	16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: J09984.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:45
 Sample wt/vol: 4.93(g) Date Analyzed: 03/14/2014 06:22
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 13.7 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	27	U	120	27
120-82-1	1,2,4-Trichlorobenzene	850		120	40
87-61-6	1,2,3-Trichlorobenzene	250		120	60
78-87-5	1,2-Dichloropropane	10	U	120	10
108-87-2	Methylcyclohexane	16	U	120	16
127-18-4	Tetrachloroethene	82	J	120	11
1330-20-7	Xylenes, Total	42	U	240	42
96-12-8	1,2-Dibromo-3-Chloropropane	47	U	120	47
79-34-5	1,1,2,2-Tetrachloroethane	19	U	120	19
79-00-5	1,1,2-Trichloroethane	22	U	120	22
124-48-1	Dibromochloromethane	23	U	120	23
106-93-4	1,2-Dibromoethane	32	U	120	32
75-71-8	Dichlorodifluoromethane	25	U	120	25
74-97-5	Bromochloromethane	32	U	120	32
75-27-4	Bromodichloromethane	15	U	120	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		75-135
2037-26-5	Toluene-d8 (Surr)	105		59-150
460-00-4	Bromofluorobenzene	105		72-133
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: J09984.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:45
 Sample wt/vol: 4.93(g) Date Analyzed: 03/14/2014 06:22
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 13.7 Level: (low/med) Medium
 Analysis Batch No.: 212509 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 19500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.14	2500	J N
2958-75-0	1-Methyldecahydronaphthalene	11.54	2700	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.67	2100	J N
6641-66-3	m-Toluylic acid, cyclohexyl ester	11.91	1300	J N
4706-90-5	Benzene, 1,3-dimethyl-5-(1-methylethyl)-	12.01	3000	J N
54340-87-3	1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	12.32	1900	J N
54340-88-4	1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	12.46	1900	J N
2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	12.69	1300	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.84	1500	J N
40650-41-7	1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	12.96	1300	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D
 Lims ID: 460-72180-C-20-A Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 06:22:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-20-A
 Misc. Info.: 460-0010838-023
 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 08:21:17 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 08:21:57

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	3.176	0.022	53	469989	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	4.726	4.727	-0.001	94	228139	52.5	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.079	5.080	-0.001	88	310385	52.3	
* 59 Fluorobenzene	96	5.349	5.356	-0.007	97	790742	50.0	
* 150 1,4-Dioxane-d8	96	6.066	6.055	0.011	85	58956	1000.0	
\$ 76 Toluene-d8 (Surr)	98	7.023	7.024	-0.001	99	859791	52.4	
80 Tetrachloroethene	166	7.711	7.718	-0.007	82	2463	0.7005	
* 87 Chlorobenzene-d5	117	8.815	8.816	-0.001	86	668934	50.0	
\$ 99 4-Bromofluorobenzene	174	10.085	10.085	0.0	92	300332	52.4	
* 116 1,4-Dichlorobenzene-d4	152	10.960	10.961	-0.001	95	401700	50.0	
124 1,2,4-Trichlorobenzene	180	12.194	12.195	-0.001	80	39335	7.19	
128 1,2,3-Trichlorobenzene	180	12.529	12.524	0.005	22	10667	2.13	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D
 Lims ID: 460-72180-C-20-A Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 06:22:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-20-A
 Misc. Info.: 460-0010838-023
 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 08:21:17 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: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 08:21:57

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
11.142	493-02-7 Naphthalene, decahydro-, trans- 1087066	21.0	116	98	16319	C10H18	138	
11.542	2958-75-0 1-Methyldecahydronaphthalene 1184832	22.9	116	89	24317	C11H20	152	I
11.665	2958-76-1 Naphthalene, decahydro-2-methyl- 908126	17.6	116	96	24327	C11H20	152	
11.906	6641-66-3 m-Toluylic acid, cyclohexyl ester 582839	11.3	116	72	68082	C14H18O2	218	
12.006	4706-90-5 Benzene, 1,3-dimethyl-5-(1-methylethyl)- 1324777	25.6	116	72	21855	C11H16	148	
12.323	54340-87-3 1H-Indene, 2,3-dihydro-1,4,7-trimethyl- 819849	15.9	116	93	29417	C12H16	160	
12.458	54340-88-4 1H-Indene, 2,3-dihydro-1,5,7-trimethyl- 818590	15.8	116	72	29418	C12H16	160	
12.687	2613-76-5 1H-Indene, 2,3-dihydro-1,1,3-trimethyl- 551936	10.7	116	90	29424	C12H16	160	
12.840	40650-41-7 1H-Indene, 2,3-dihydro-1,1,5-trimethyl- 662620	12.8	116	94	29423	C12H16	160	
12.964	40650-41-7 1H-Indene, 2,3-dihydro-1,1,5-trimethyl- 550397	10.7	116	87	29423	C12H16	160	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.960	2583686	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Worklist Smp#: 23

Client ID: PMP-27SW-WT

Purge Vol: 5.000 mL

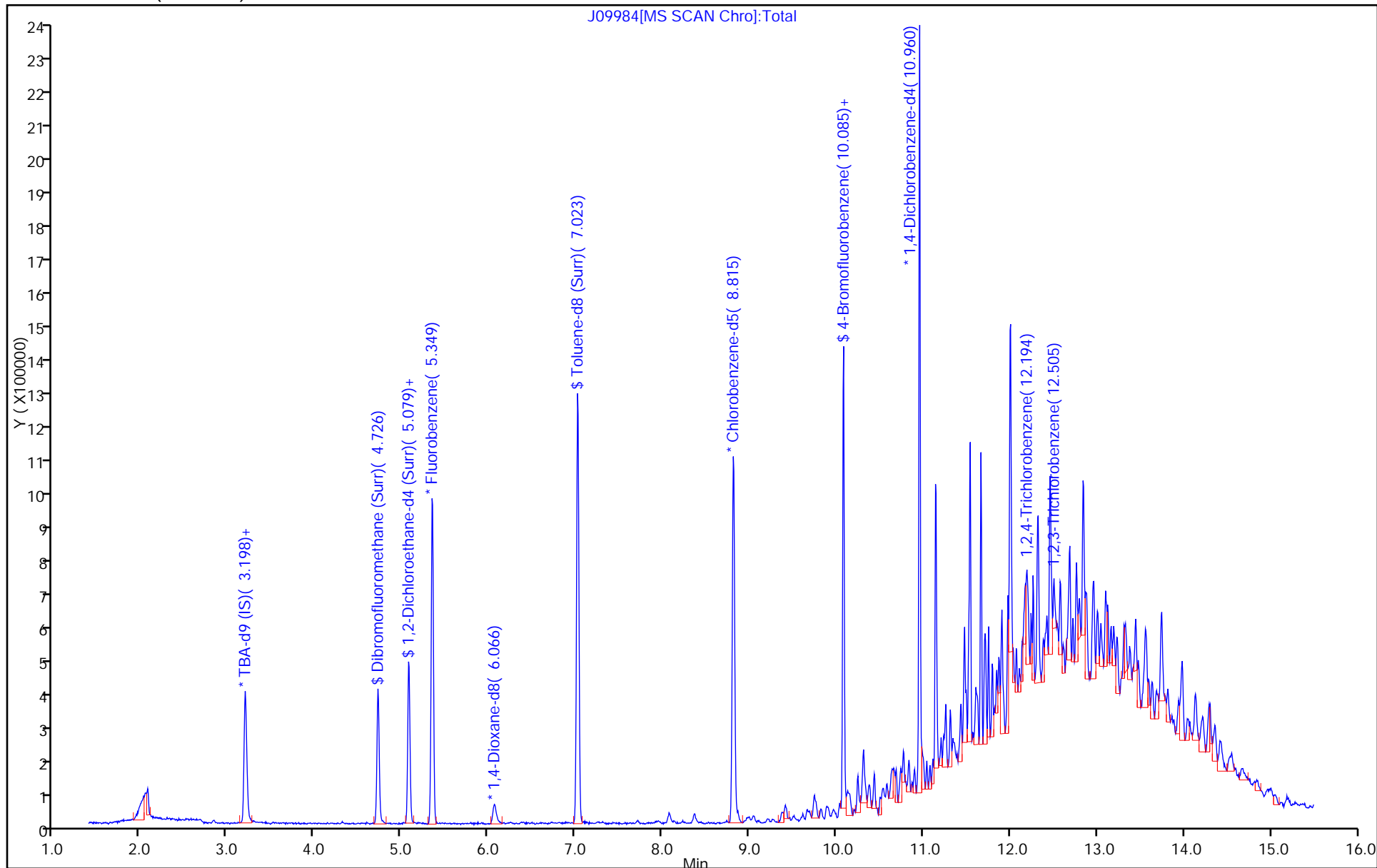
Dil. Factor: 50.0000

ALS Bottle#: 22

Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

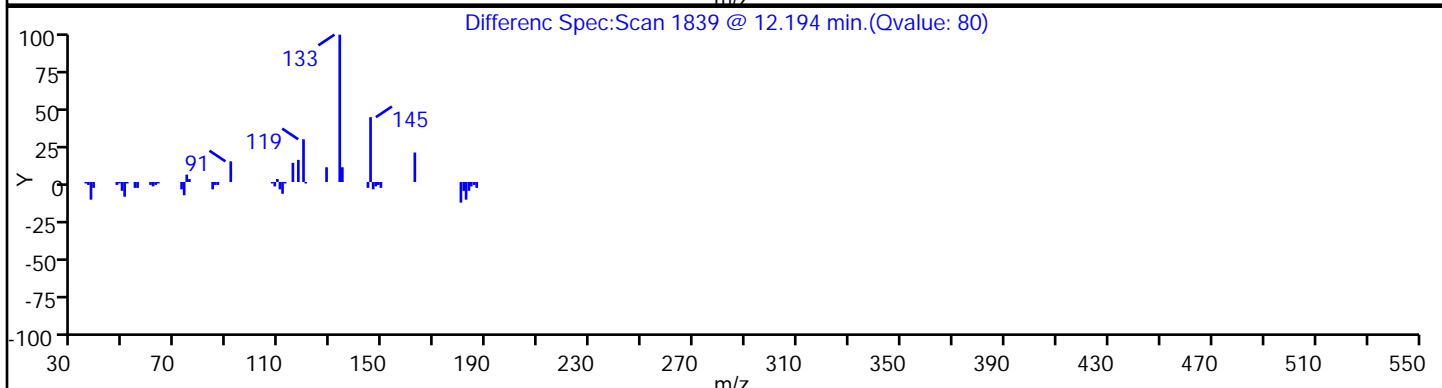
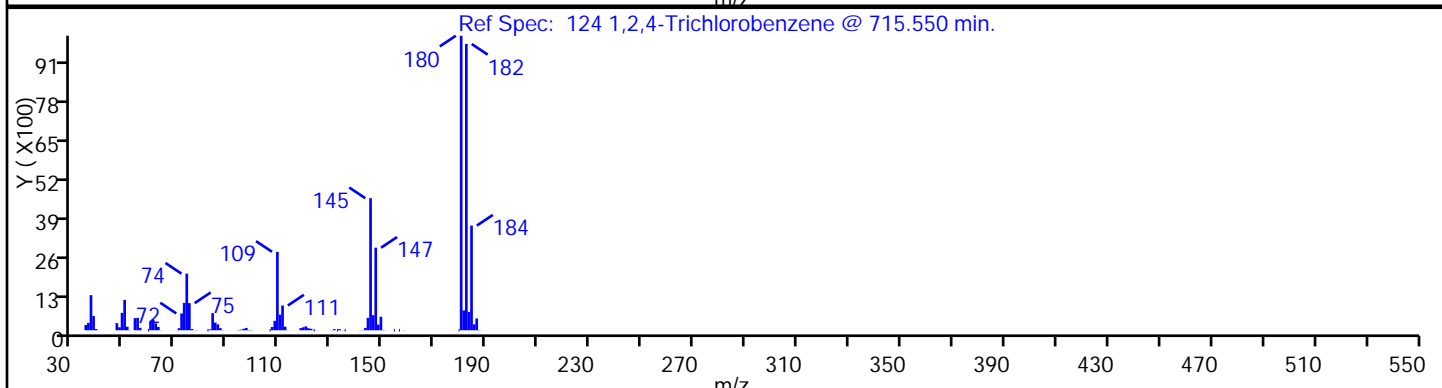
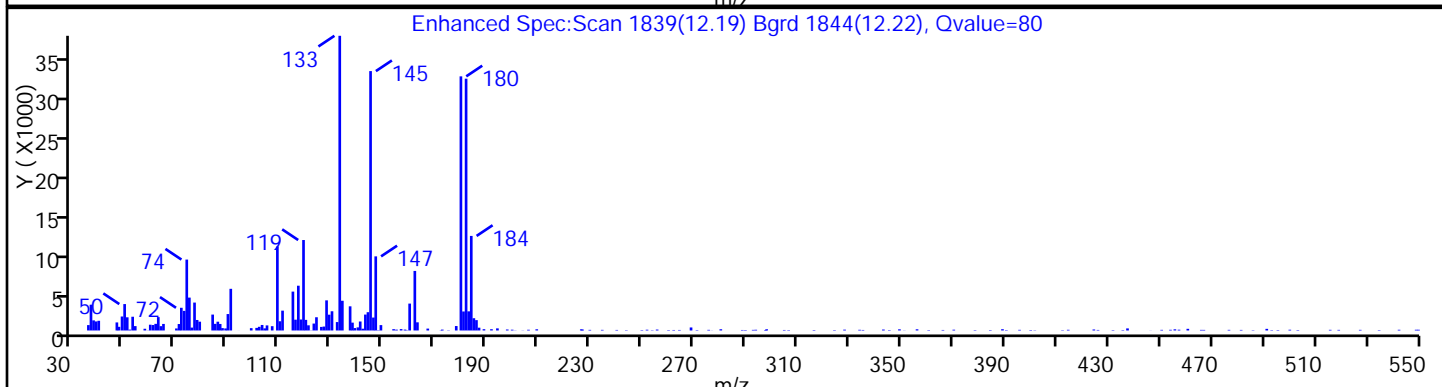
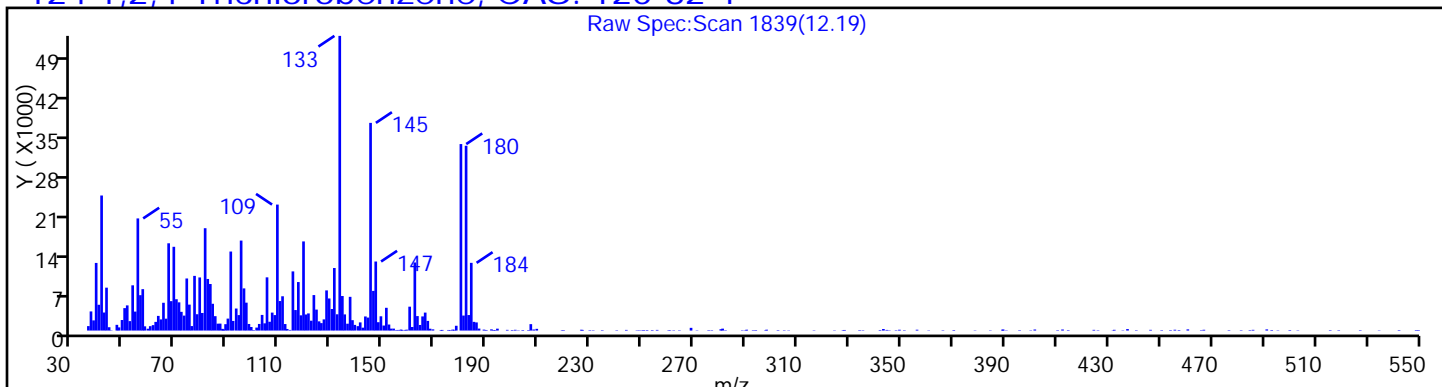
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

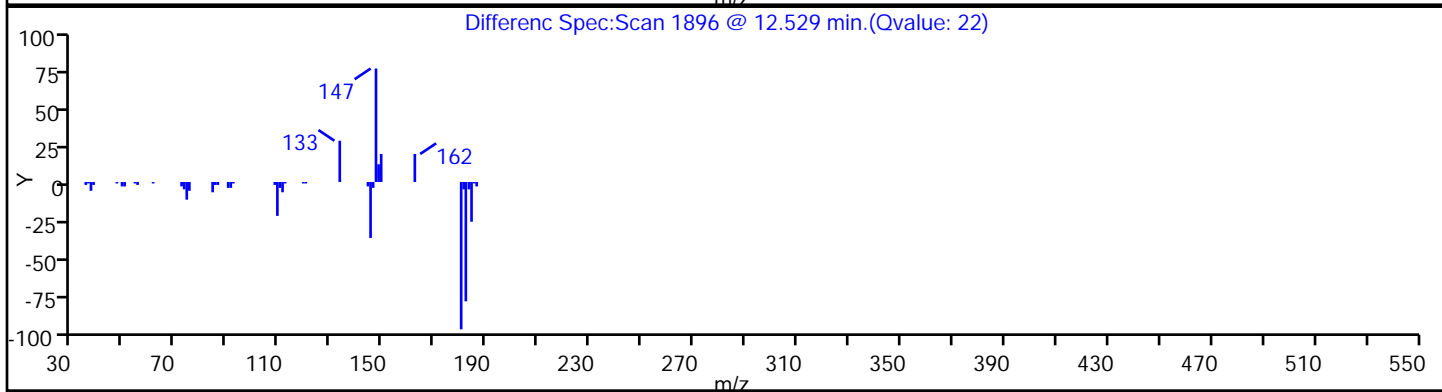
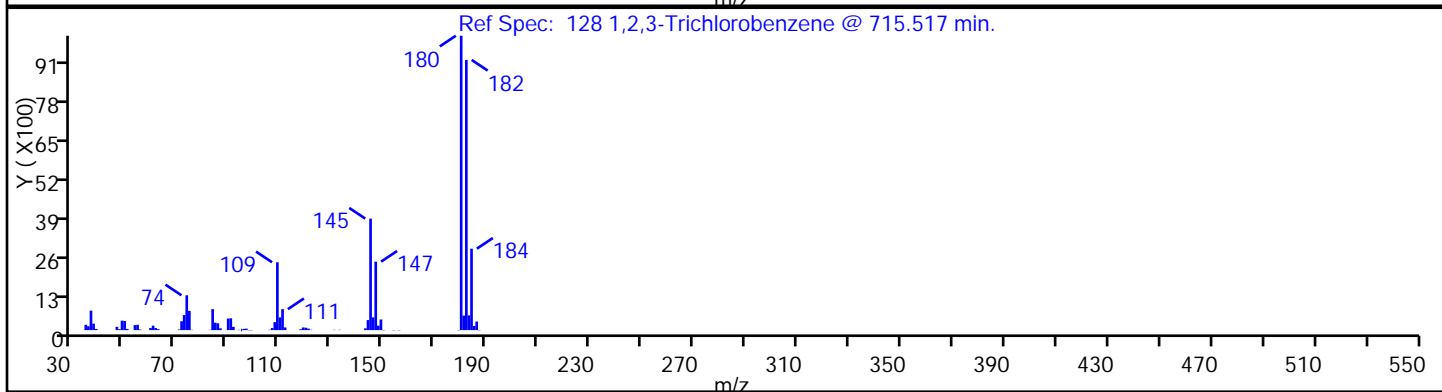
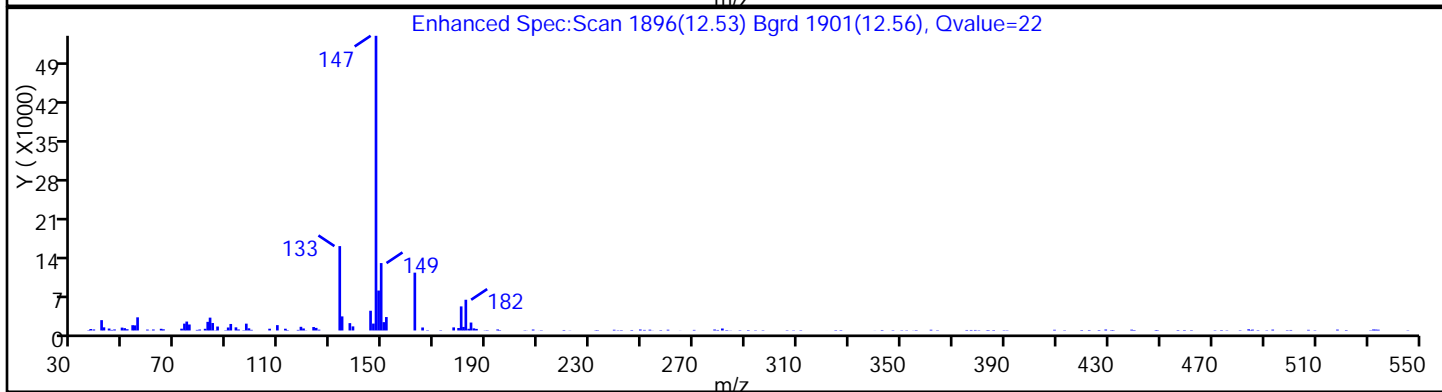
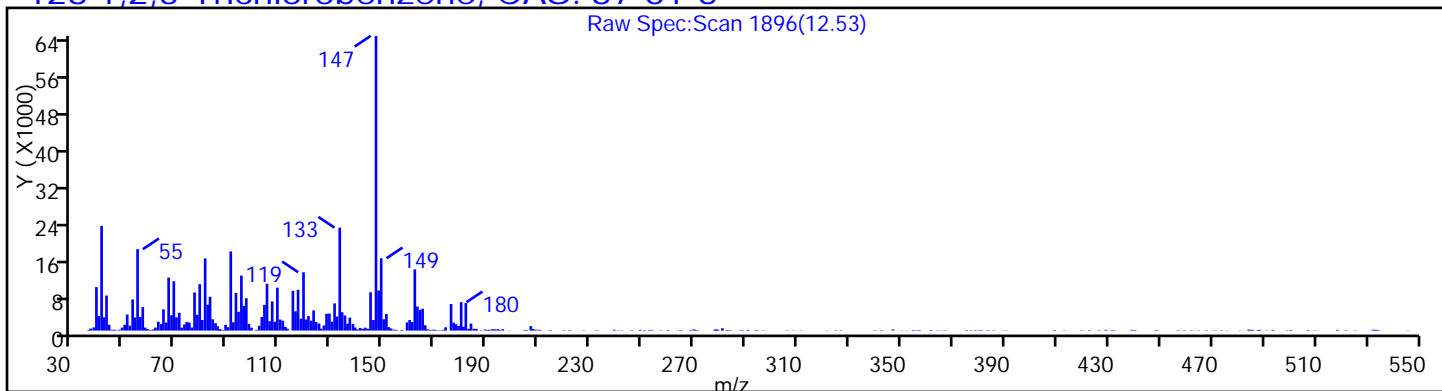
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

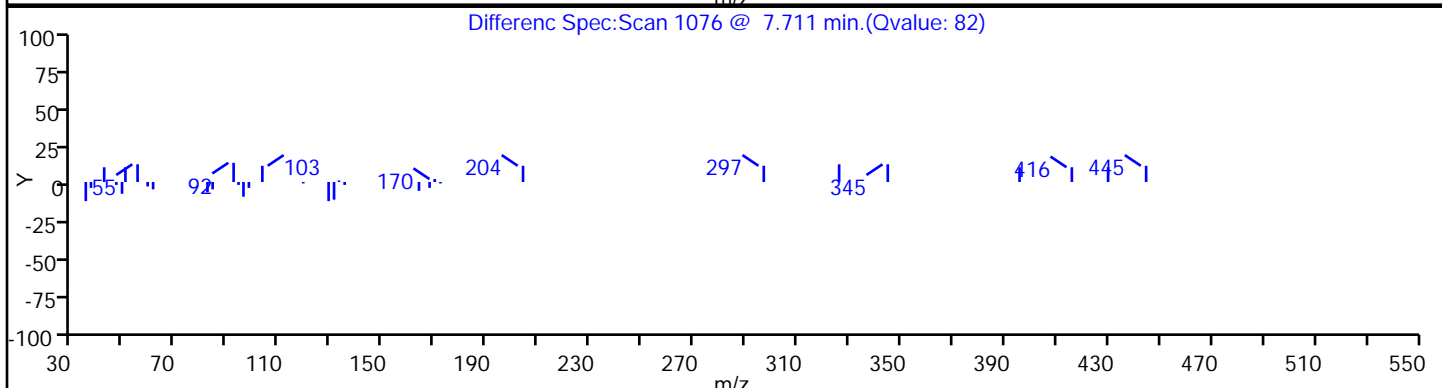
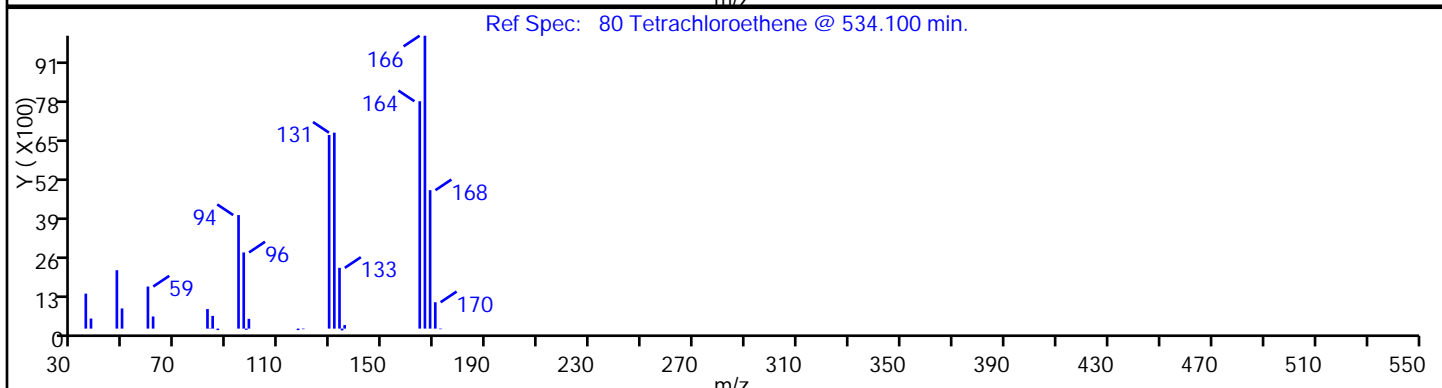
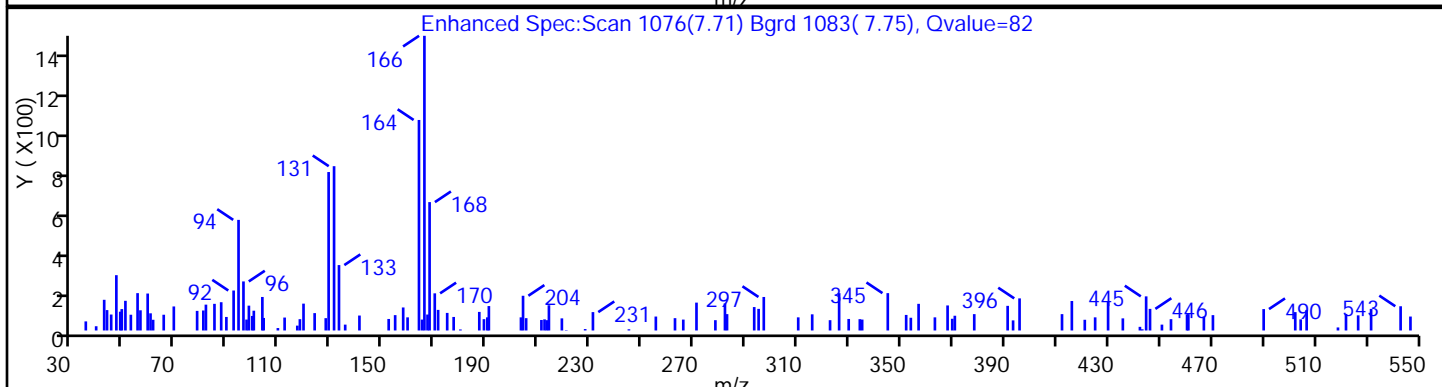
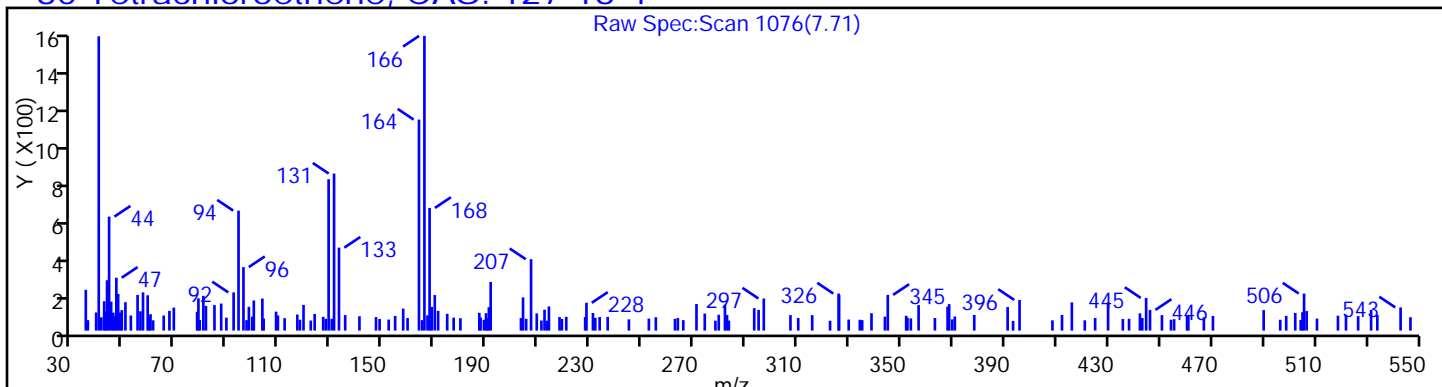
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

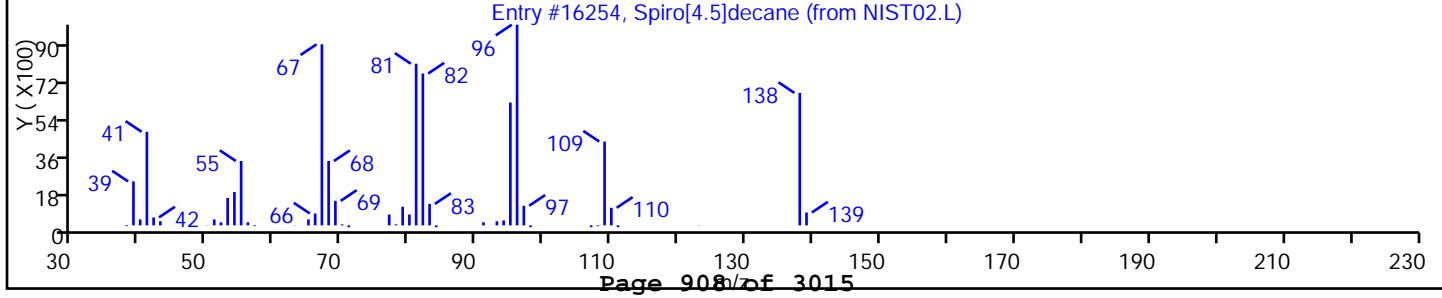
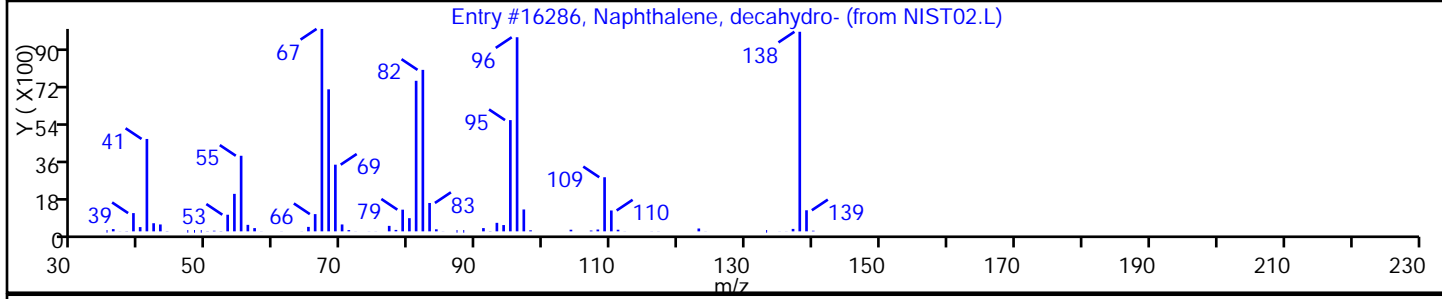
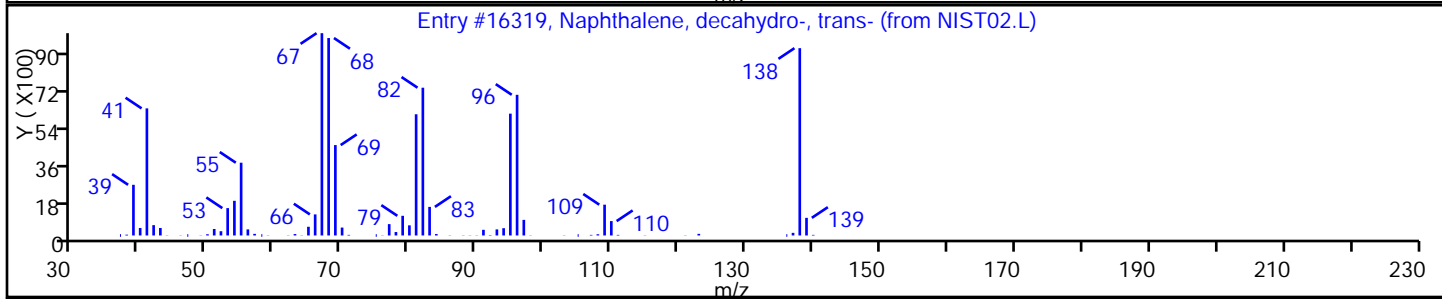
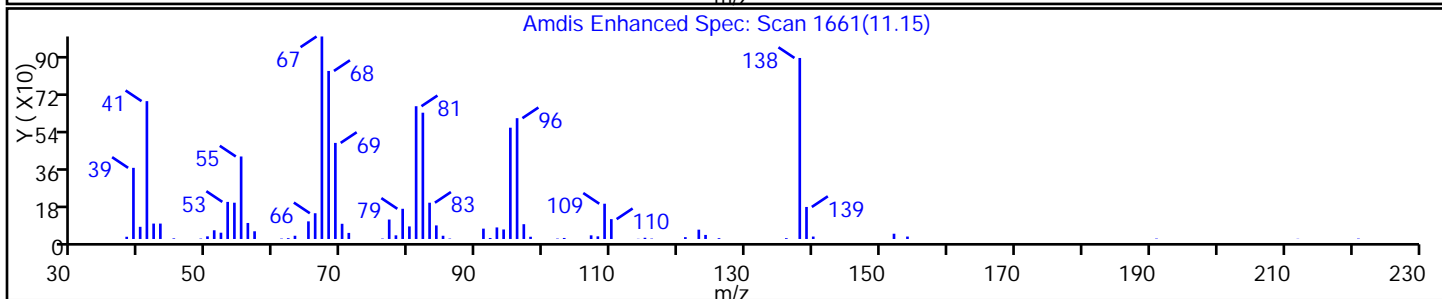
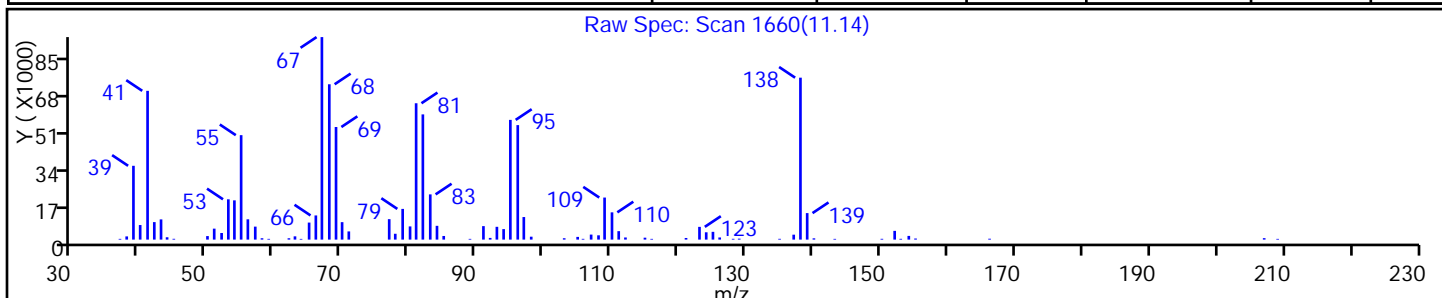
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	98
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	C10H18	138	95
Spiro[4.5]decane	176-63-6	NIST02.L	16254	C10H18	138	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

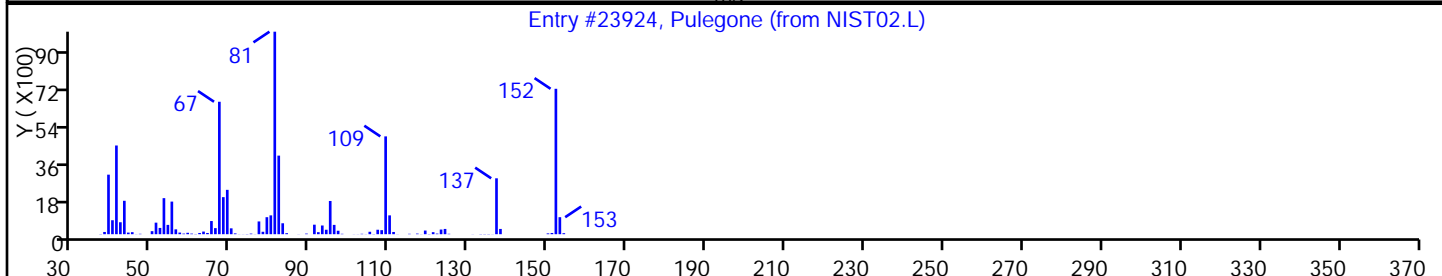
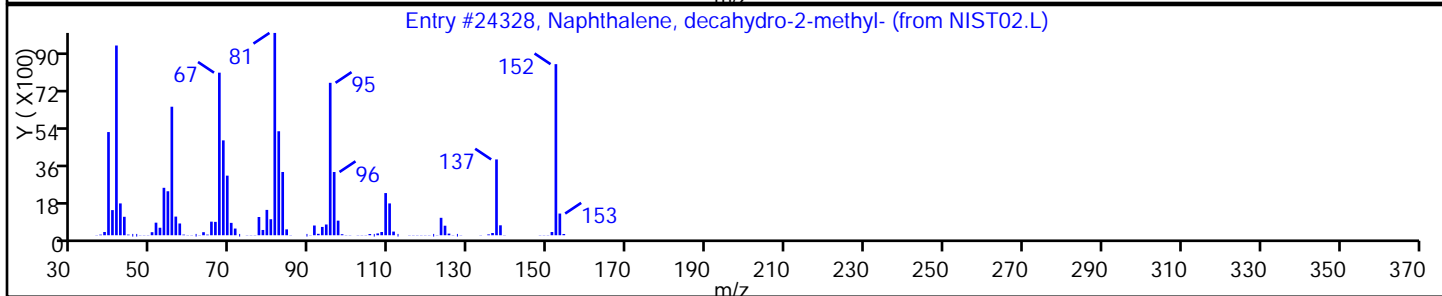
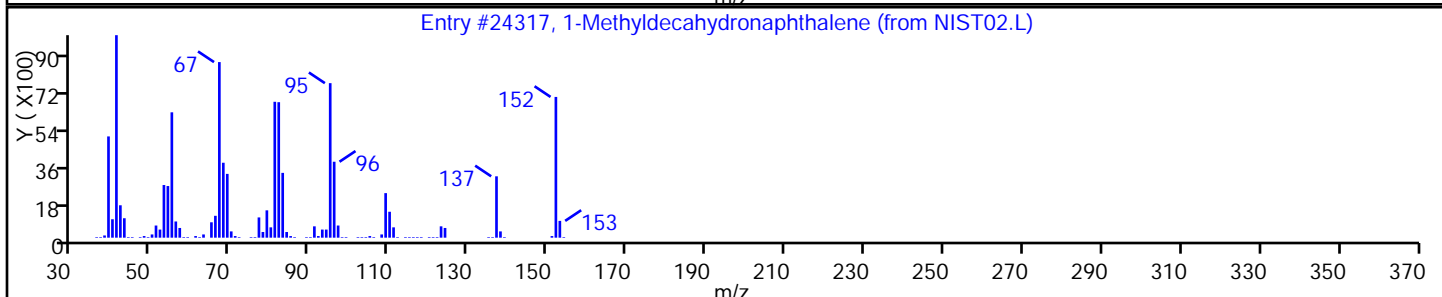
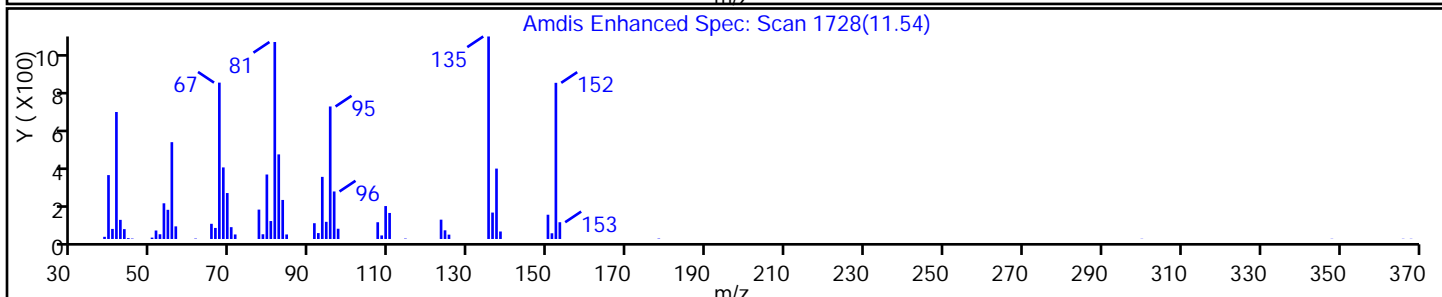
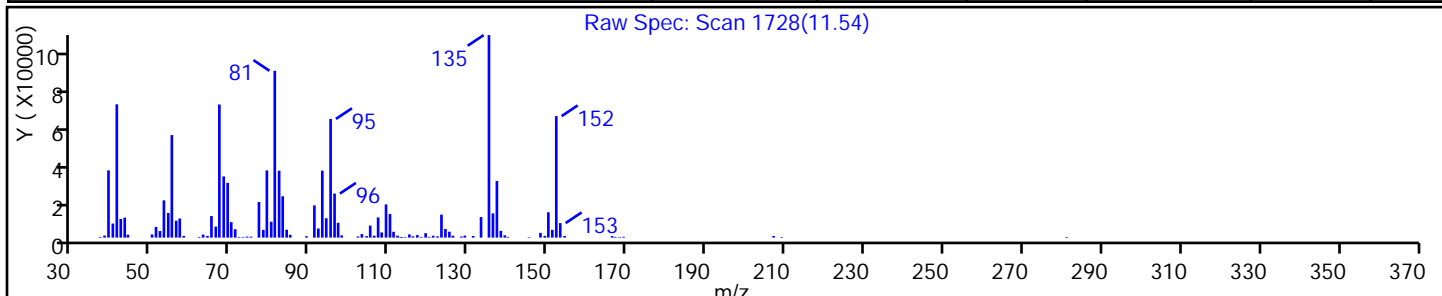
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	89
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	95
Pulegone	89-82-7	NIST02.L	23924	C10H16O	152	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

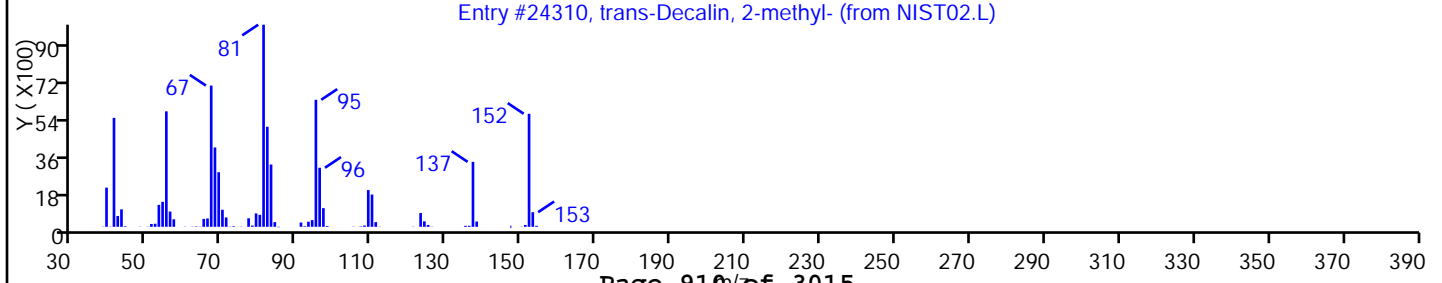
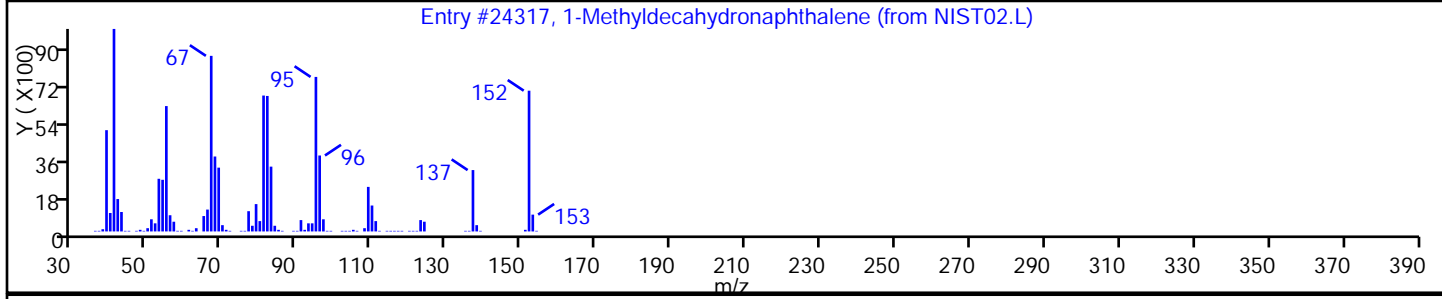
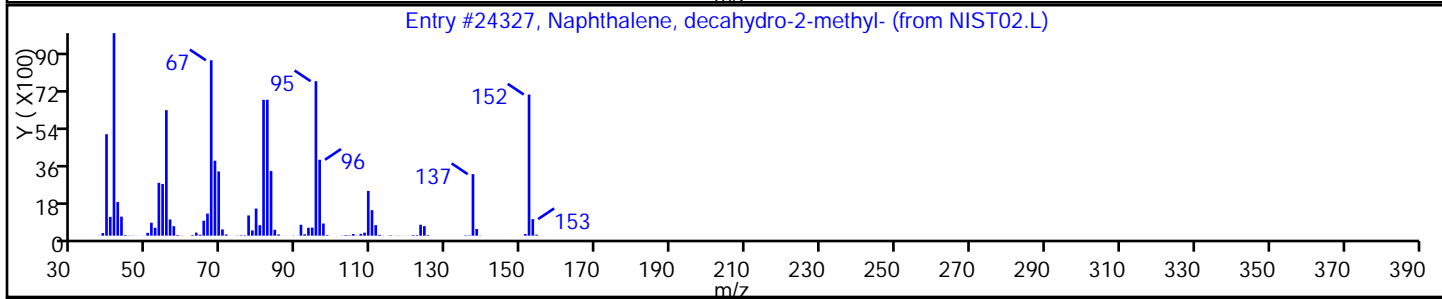
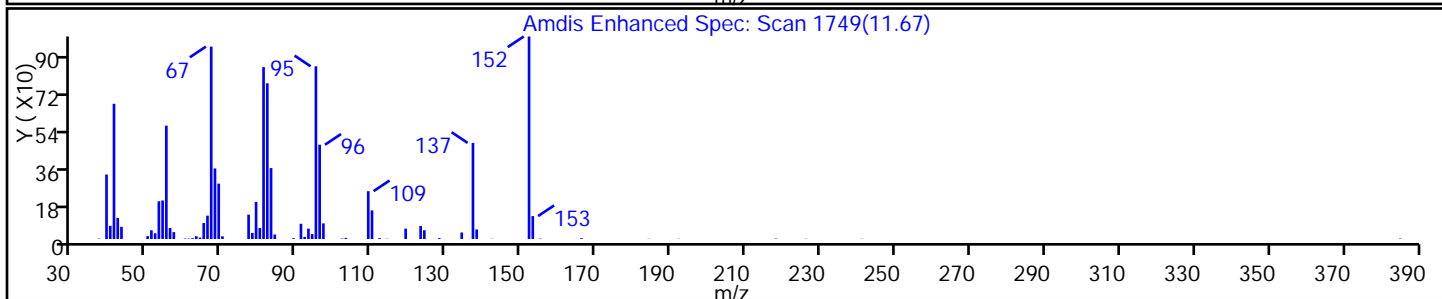
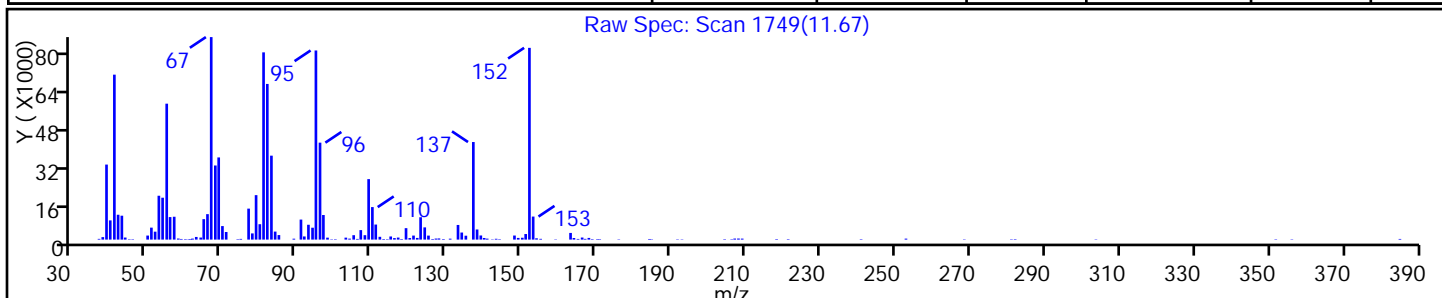
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	96
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	96
trans-Decalin, 2-methyl-	1000152-47	NIST02.L	24310	C11H20	152	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

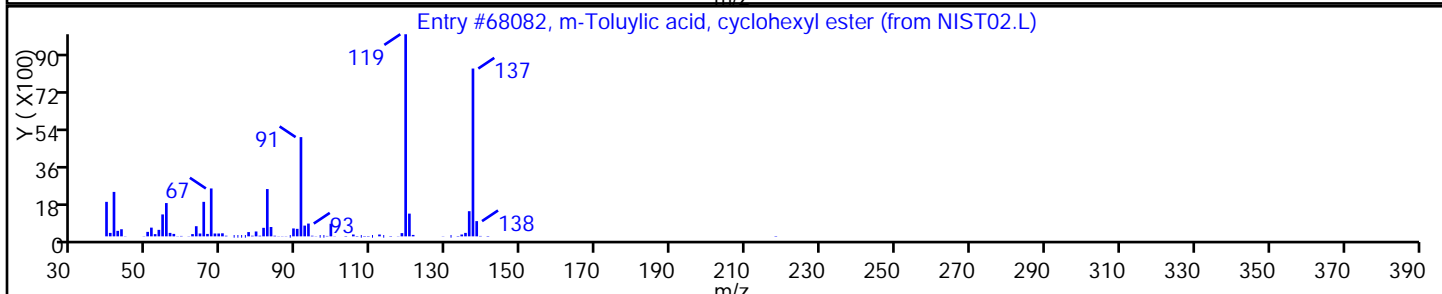
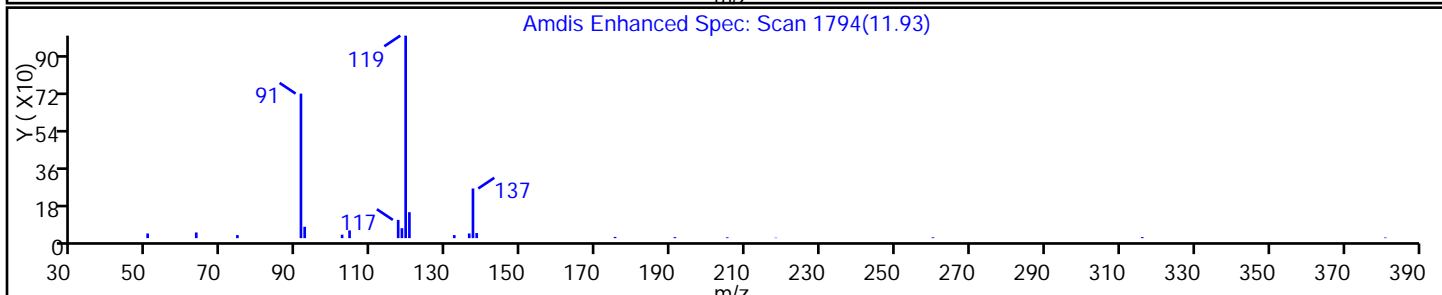
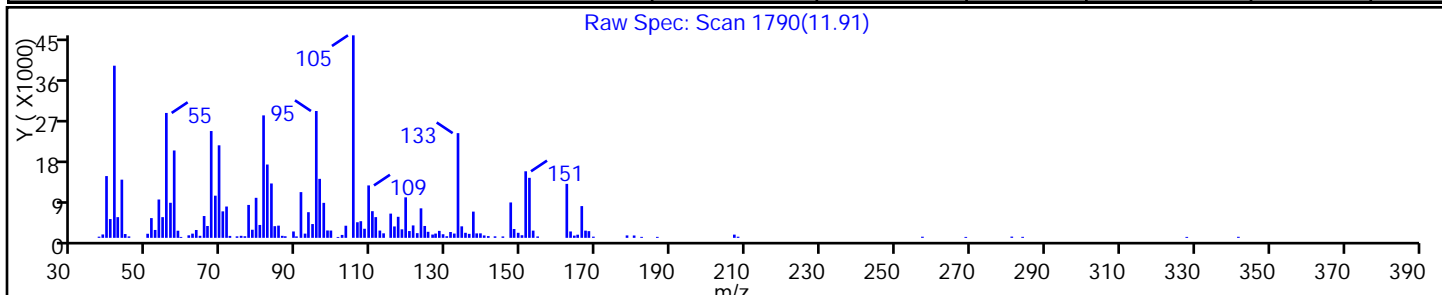
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
m-Toluylic acid, cyclohexyl ester	6641-66-3	NIST02.L	68082	C14H18O2	218	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

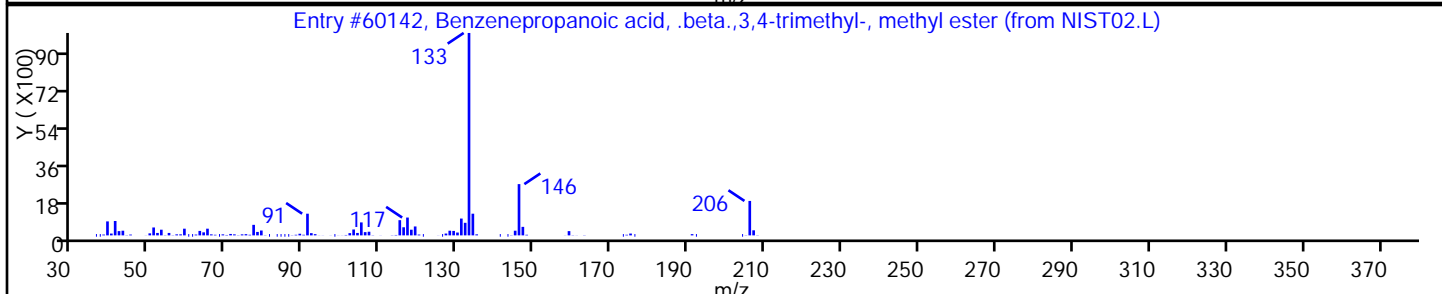
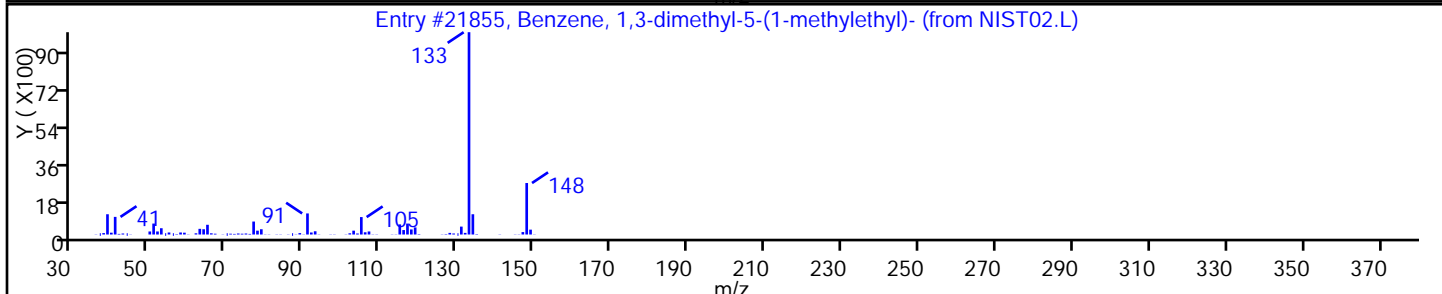
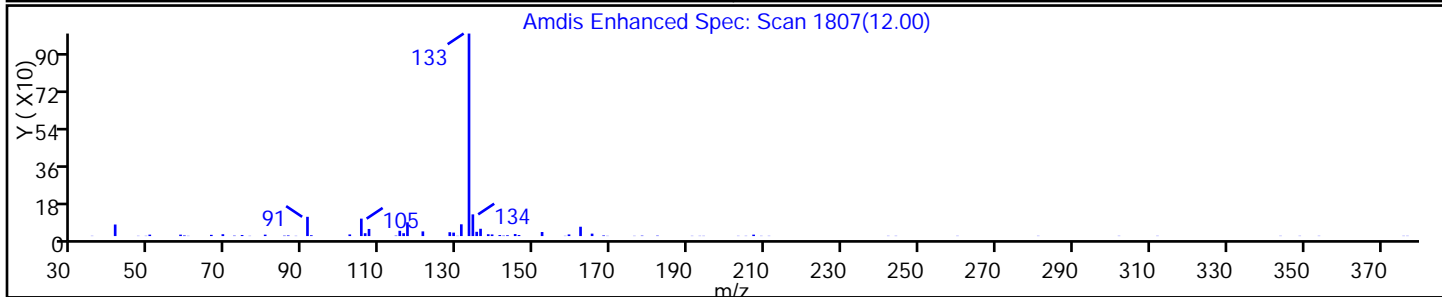
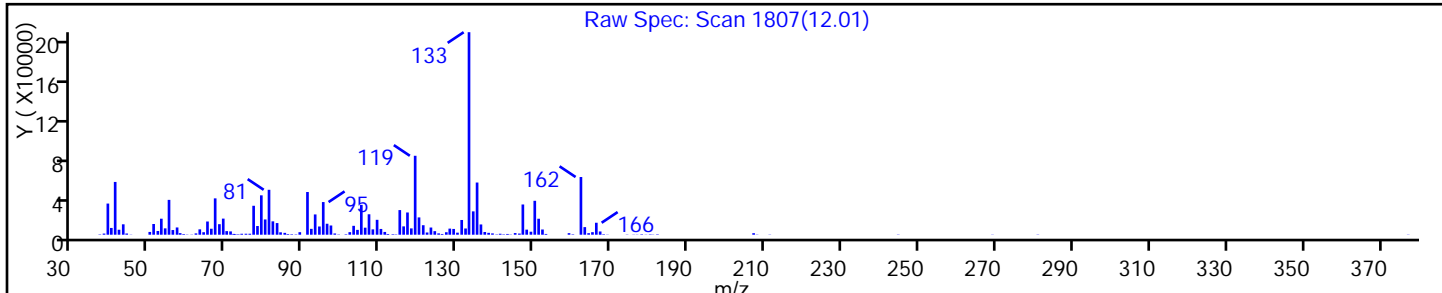
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-dimethyl-5-(1-methylethyl)-	4706-90-5	NIST02.L	21855	C11H16	148	72
Benzenepropanoic acid, .beta.,3,4-trimet	56298-99-8	NIST02.L	60142	C13H18O2	206	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

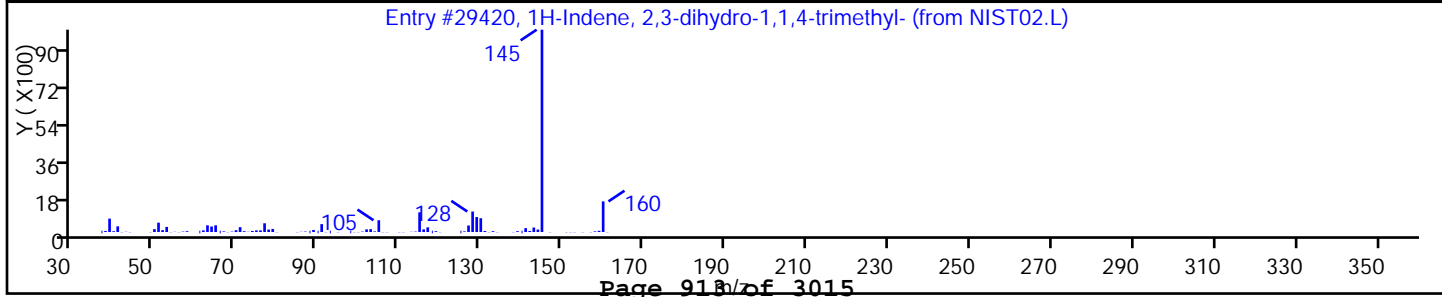
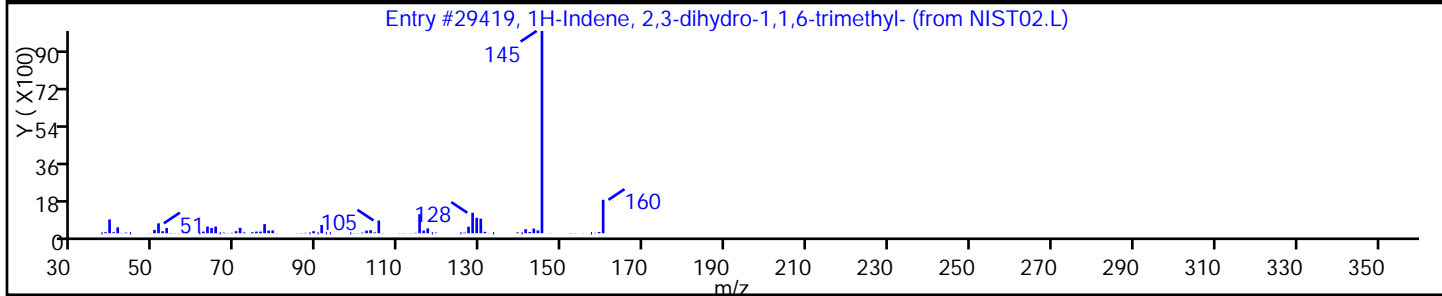
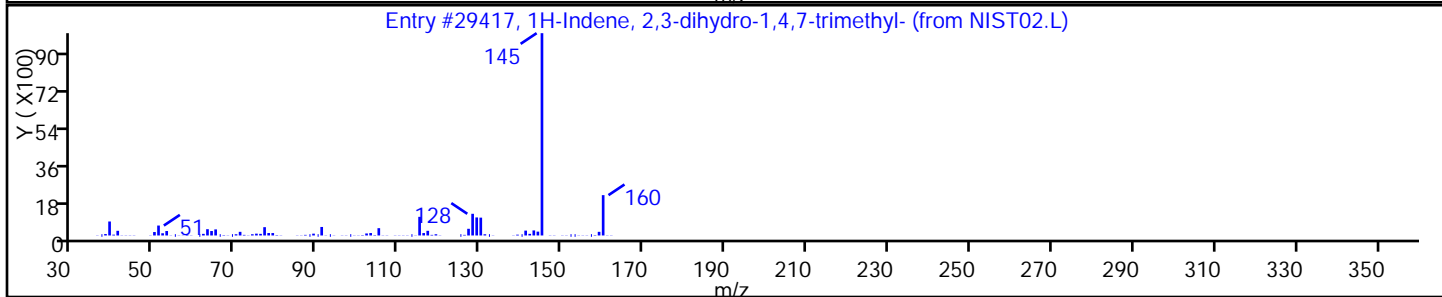
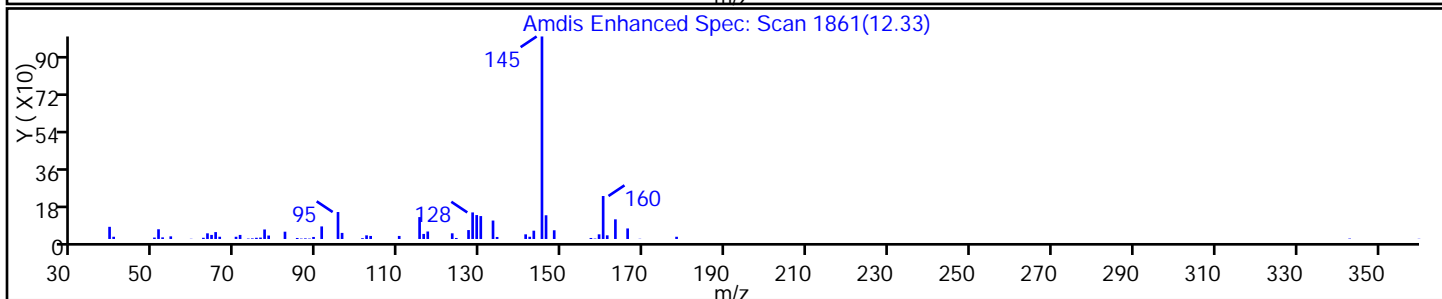
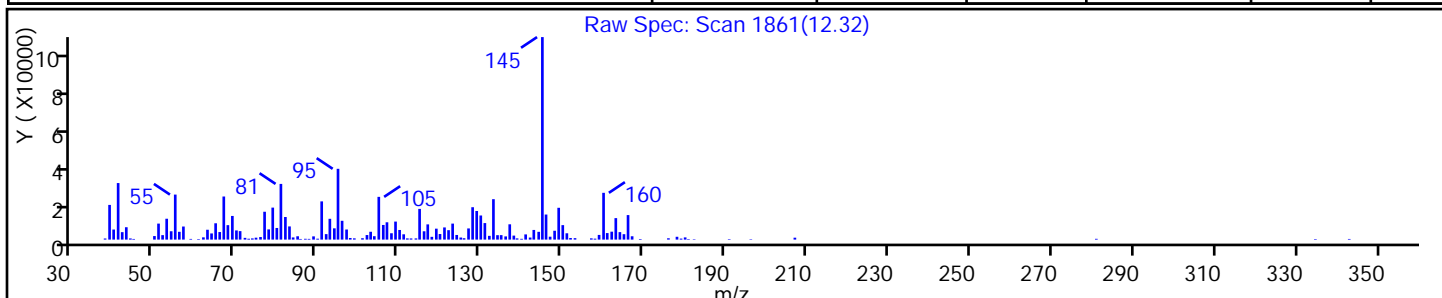
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	54340-87-3	NIST02.L	29417	C12H16	160	93
1H-Indene, 2,3-dihydro-1,1,6-trimethyl-	14276-95-0	NIST02.L	29419	C12H16	160	93
1H-Indene, 2,3-dihydro-1,1,4-trimethyl-	16204-72-1	NIST02.L	29420	C12H16	160	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

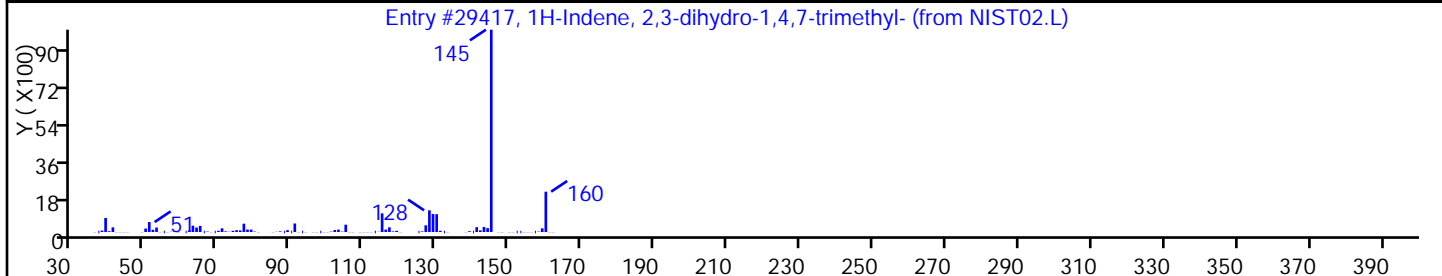
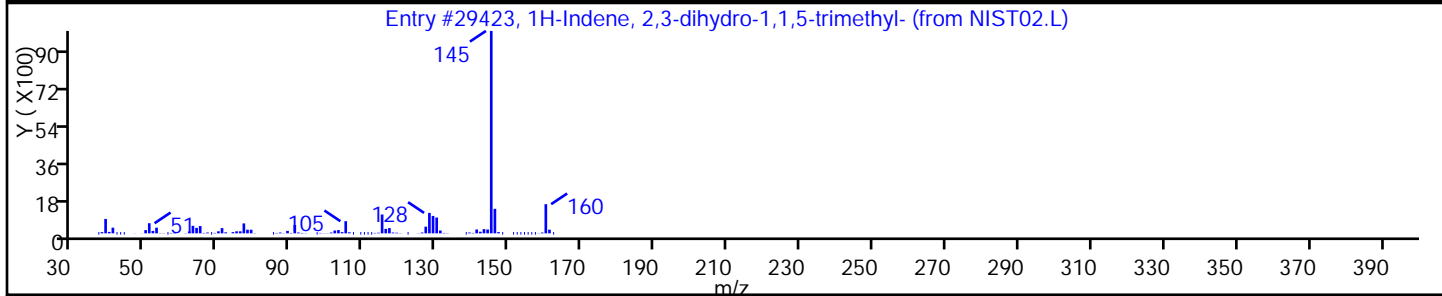
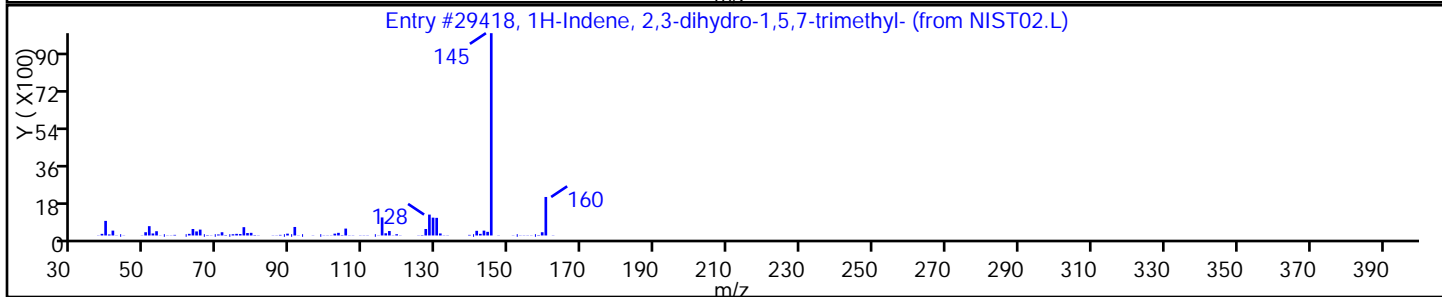
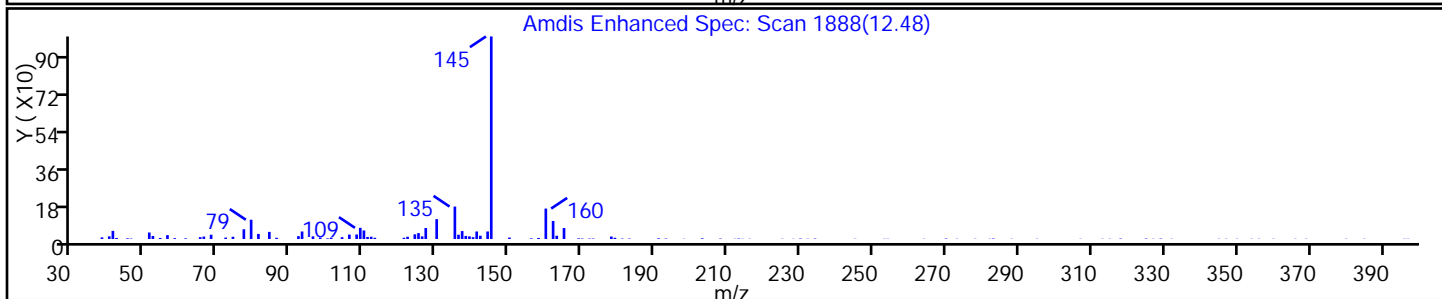
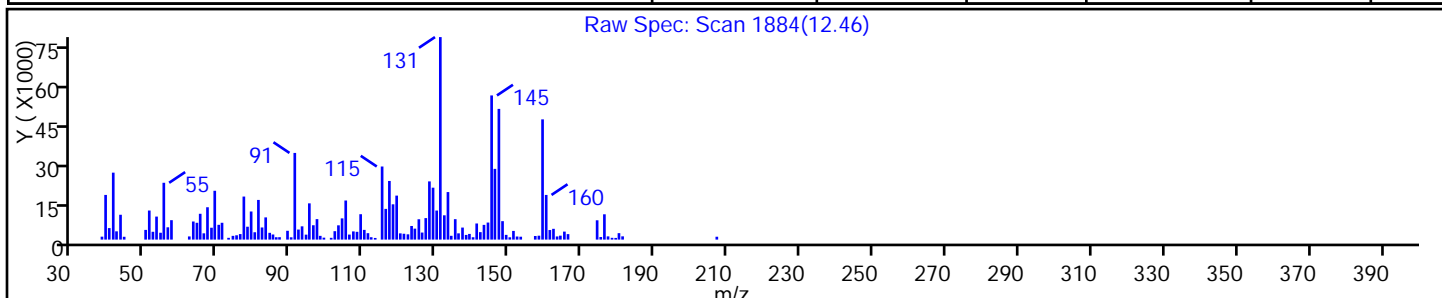
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,5,7-trimethyl-	54340-88-4	NIST02.L	29418	C12H16	160	72
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	72
1H-Indene, 2,3-dihydro-1,4,7-trimethyl-	54340-87-3	NIST02.L	29417	C12H16	160	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

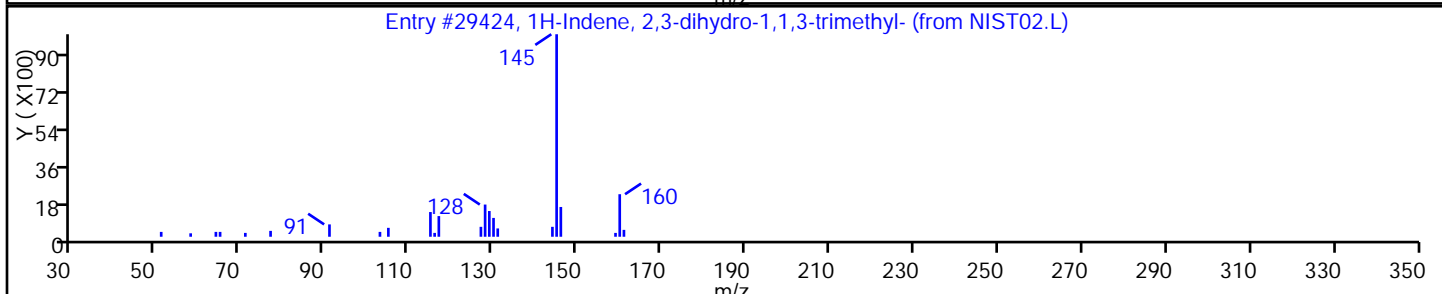
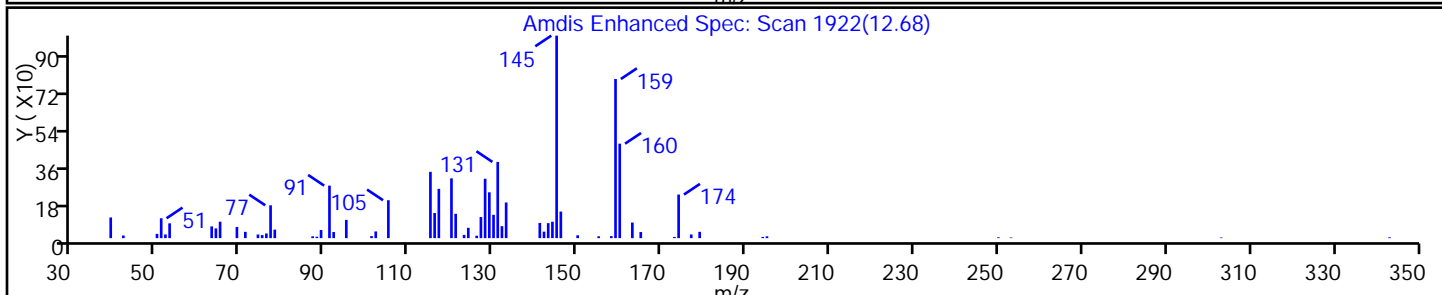
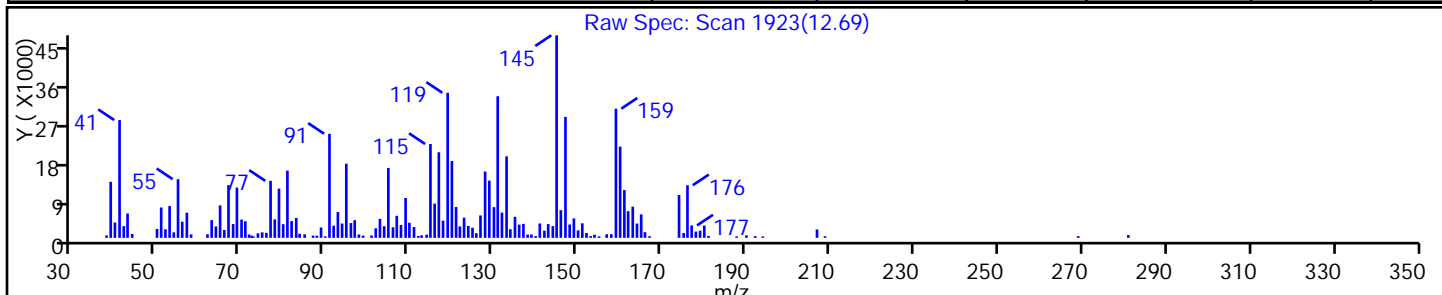
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	2613-76-5	NIST02.L	29424	C12H16	160	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

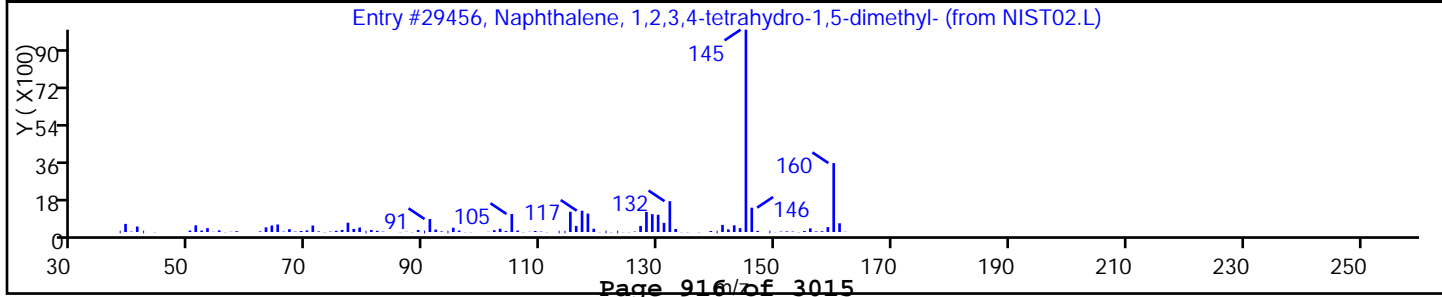
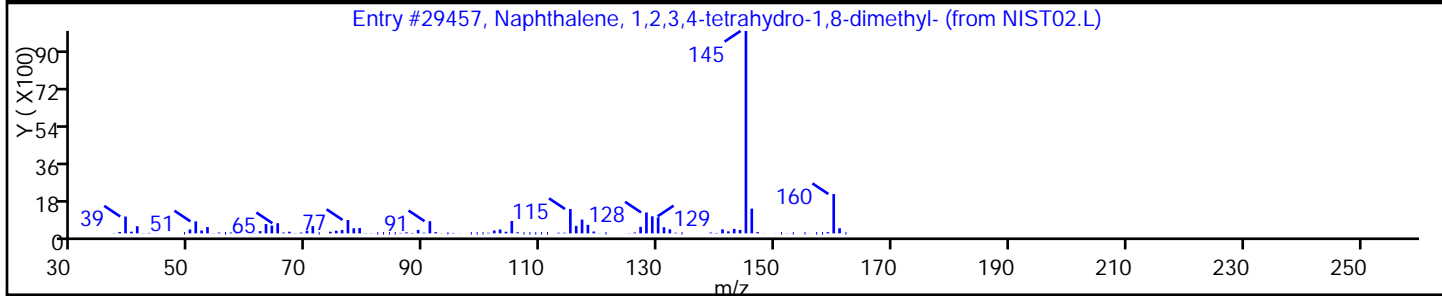
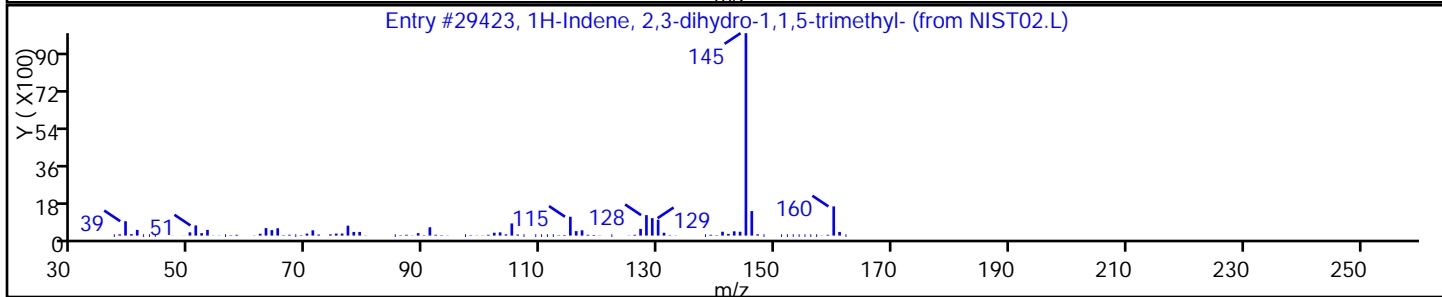
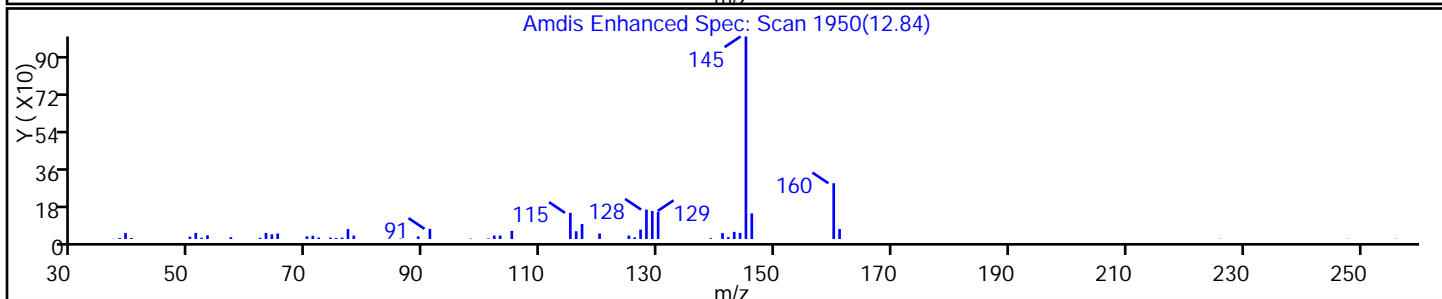
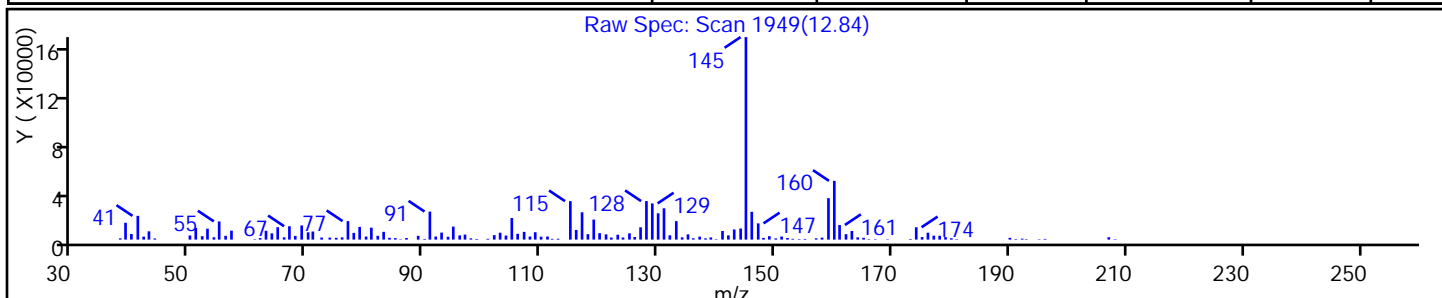
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	94
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29457	C12H16	160	94
Naphthalene, 1,2,3,4-tetrahydro-1,5-dime	21564-91-0	NIST02.L	29456	C12H16	160	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09984.D

Injection Date: 14-Mar-2014 06:22:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

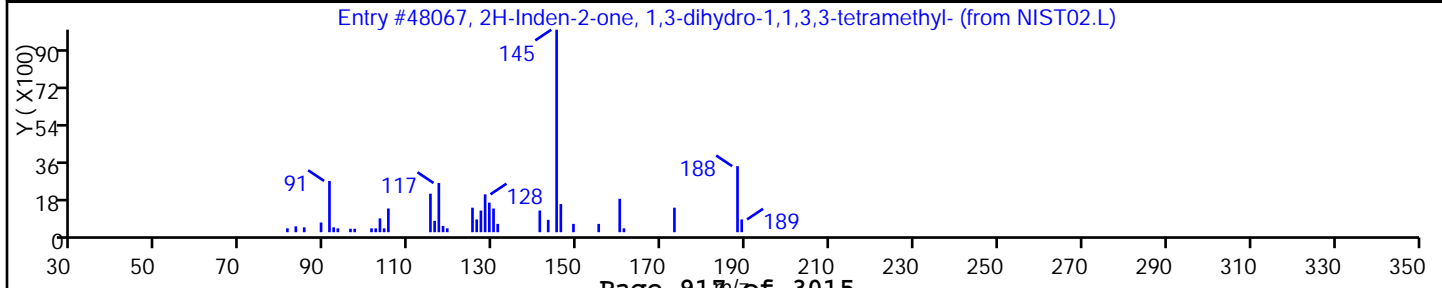
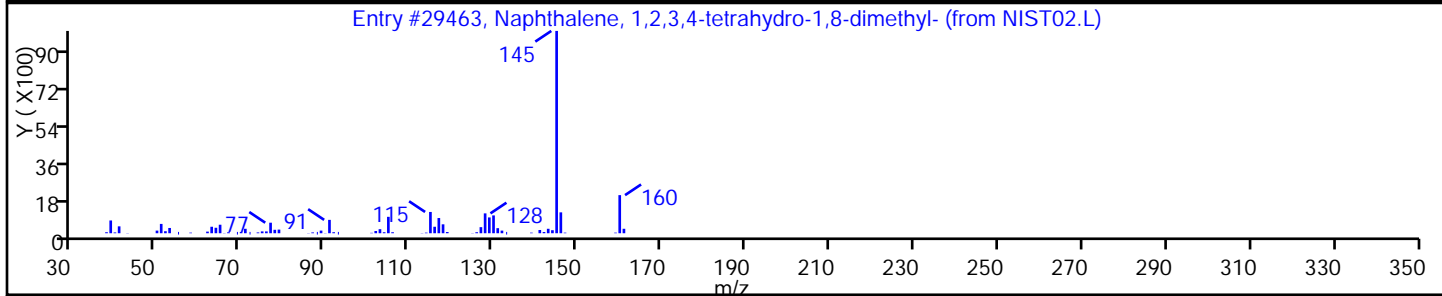
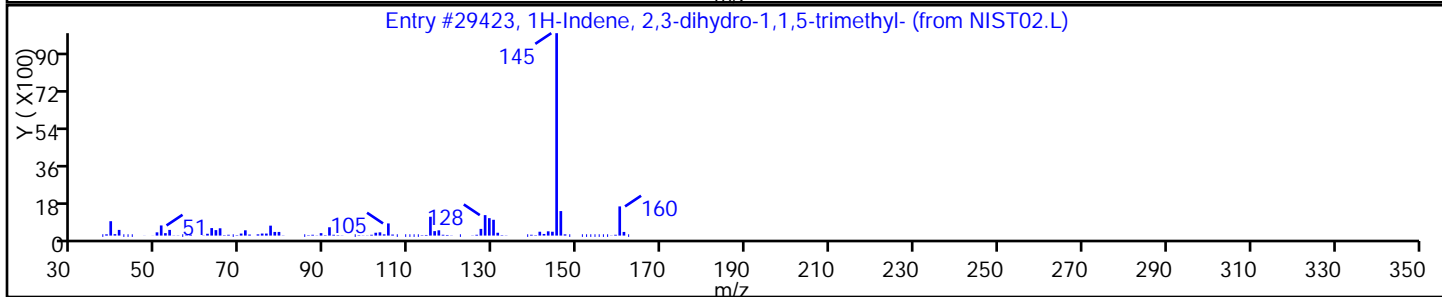
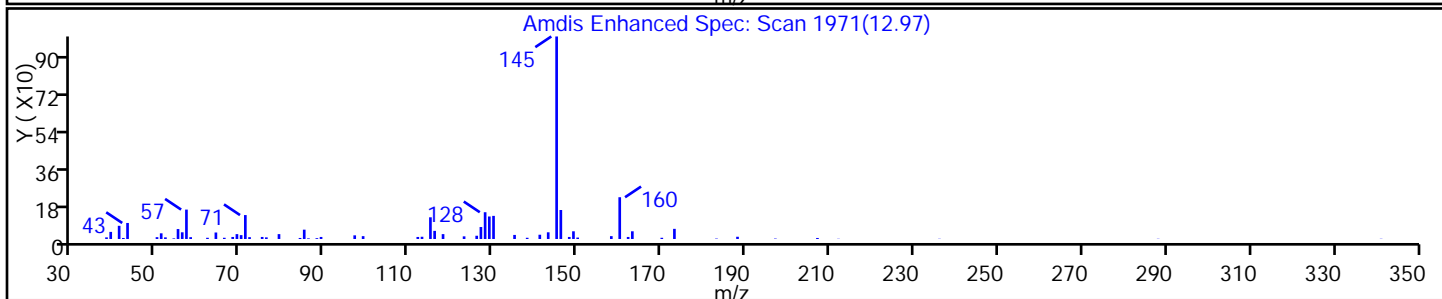
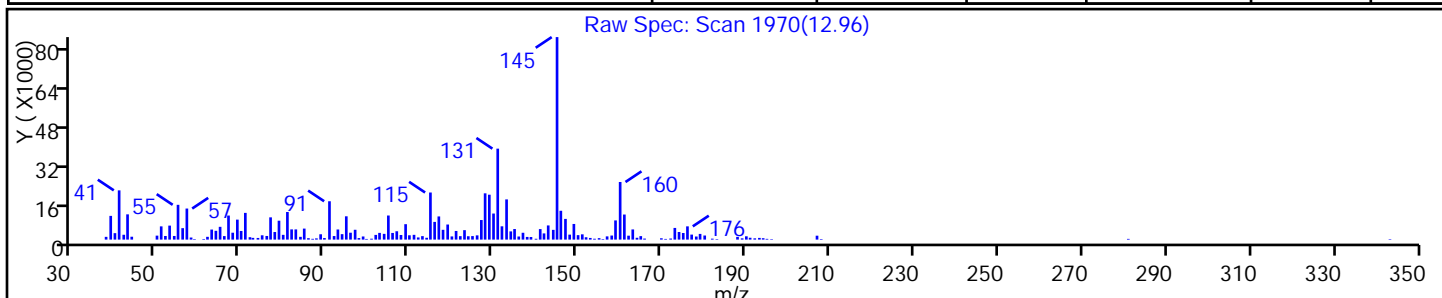
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,1,5-trimethyl-	40650-41-7	NIST02.L	29423	C12H16	160	87
Naphthalene, 1,2,3,4-tetrahydro-1,8-dime	25419-33-4	NIST02.L	29463	C12H16	160	87
2H-Inden-2-one, 1,3-dihydro-1,1,3,3-tetr	5689-12-3	NIST02.L	48067	C13H16O	188	86



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: O84770.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:55
 Sample wt/vol: 5.715(g) Date Analyzed: 03/14/2014 03:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 12.7 Level: (low/med) Low
 Analysis Batch No.: 212436 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	1.2		1.0	0.15
67-64-1	Acetone	8.4	B	5.0	1.7
75-15-0	Carbon disulfide	0.19	J	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	1.0		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: O84770.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:55
 Sample wt/vol: 5.715(g) Date Analyzed: 03/14/2014 03:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 12.7 Level: (low/med) Low
 Analysis Batch No.: 212436 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	0.83	J	1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	1.2		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)	92		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	93		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: O84770.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:55
 Sample wt/vol: 5.715(g) Date Analyzed: 03/14/2014 03:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 12.7 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 216

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000111-72-1	trans,trans-1,6-Dimethylspiro[4.5]decane	12.97	19	J N
17301-23-4	Undecane, 2,6-dimethyl-	13.08	18	J N
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.34	16	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	13.42	17	J N
2456-28-2	Decane, 1,1'-oxybis-	13.81	22	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	34	J N
629-59-4	Tetradecane	14.52	24	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	21	J N
544-76-3	Hexadecane	14.92	26	J N
13187-99-0	2-Bromo dodecane	15.14	19	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D
 Lims ID: 460-72180-A-21-A Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 03:09:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-21-A
 Misc. Info.: 460-0010824-021
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:00:32 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:00:32

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.592	-0.008	77	17872	8.41	
21 Carbon disulfide	76	1.663	1.656	0.007	82	3133	0.1868	
25 Methylene Chloride	84	1.821	1.821	0.0	73	6686	1.17	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	100	534367	1000.0	
47 Chloroform	83	2.895	2.895	0.0	84	9256	0.99	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	166076	44.8	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.304	3.296	0.008	86	176422	45.8	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	915906	50.0	
* 150 1,4-Dioxane-d8	96	4.285	4.278	0.007	85	44482	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	769860	45.6	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	643921	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	83	211912	46.7	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	307580	50.0	
124 1,2,4-Trichlorobenzene	180	13.181	13.181	0.0	41	6096	0.8329	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	1	8013	1.19	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D
 Lims ID: 460-72180-A-21-A Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Sample Type: Client
 Inject. Date: 14-Mar-2014 03:09:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-21-A
 Misc. Info.: 460-0010824-021
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:00:32 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 09:00:32

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.966	732718	19.0	116	95	33346	C12H22	166	
13.081	686596	17.8	116	92	45584	C13H28	184	
13.339	616910	16.0	116	89	44160	C13H26	182	
13.418	650052	16.8	116	74	33325	C12H22	166	
13.812	860204	22.2	116	87	116748	C20H42O	298	
14.378	1299771	33.6	116	90	64591	C15H32	212	
14.521	919512	23.8	116	86	55009	C14H30	198	
14.621	823147	21.3	116	98	61716	C15H28	208	
14.922	984824	25.5	116	93	73967	C16H34	226	
15.137	746569	19.3	116	87	86886	C12H25Br	248	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	1933068	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Worklist Smp#: 21

Client ID: PMP-27SW-SD

Purge Vol: 5.000 mL

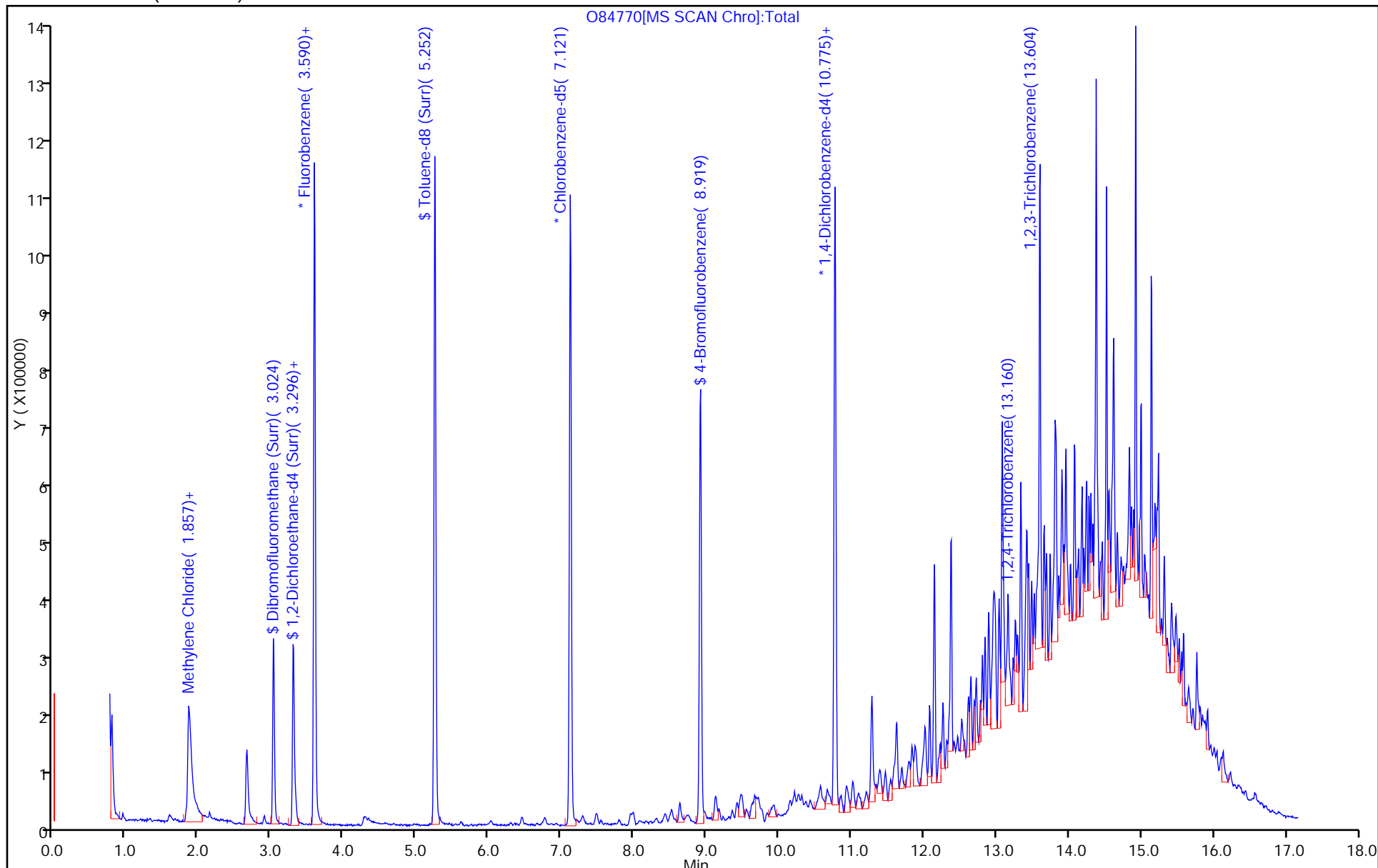
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

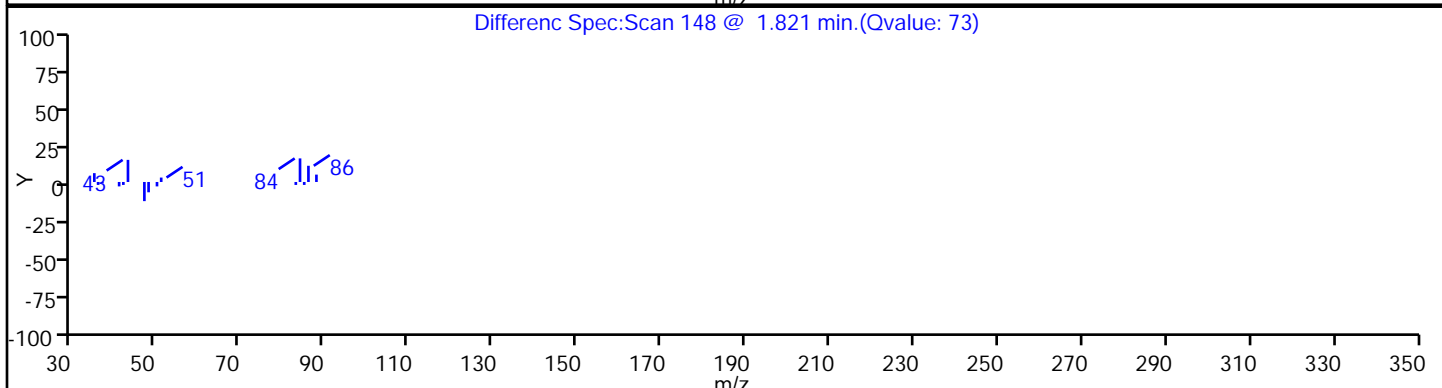
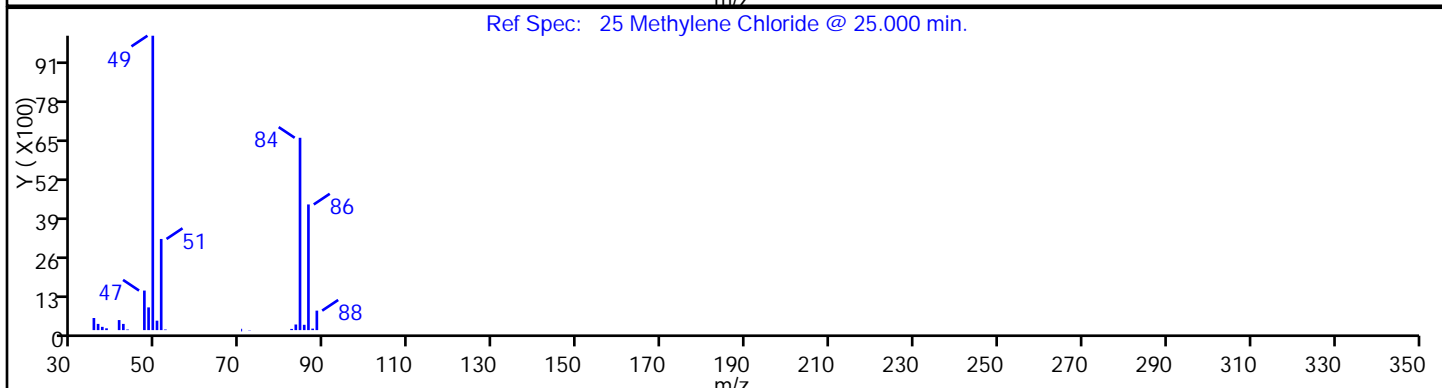
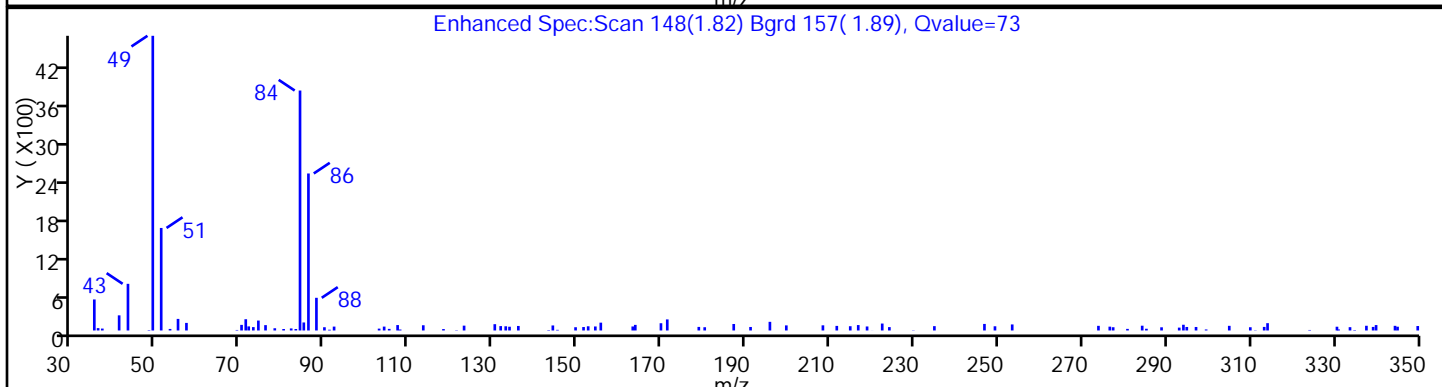
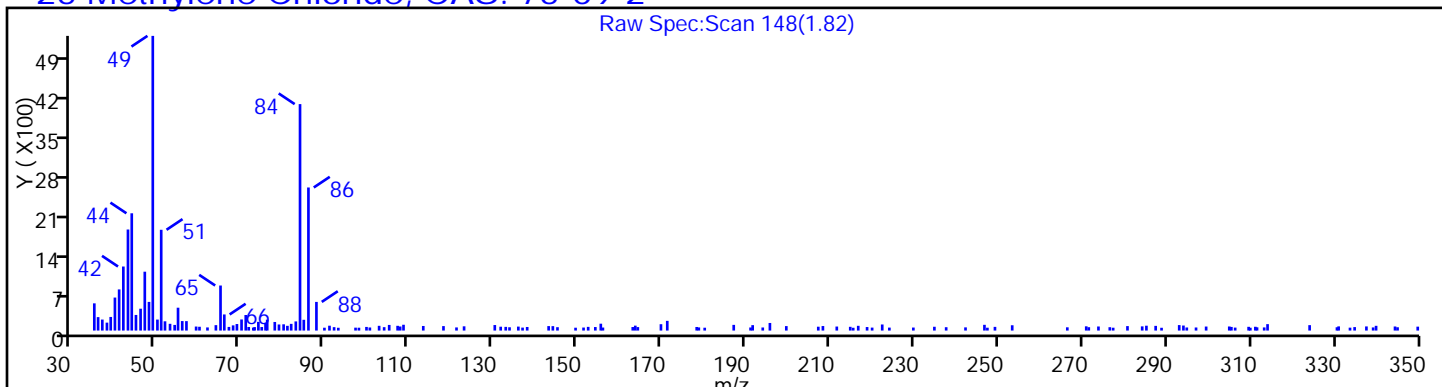
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

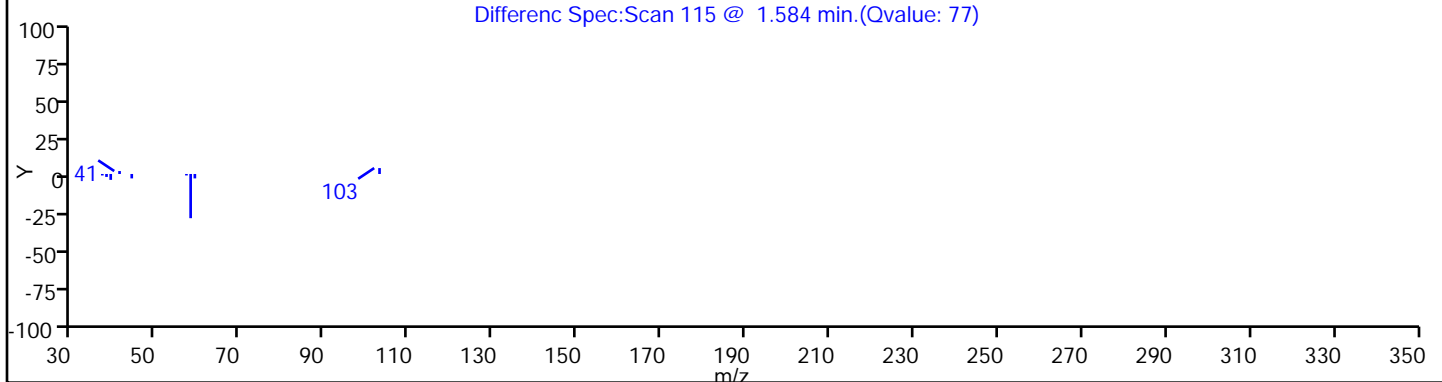
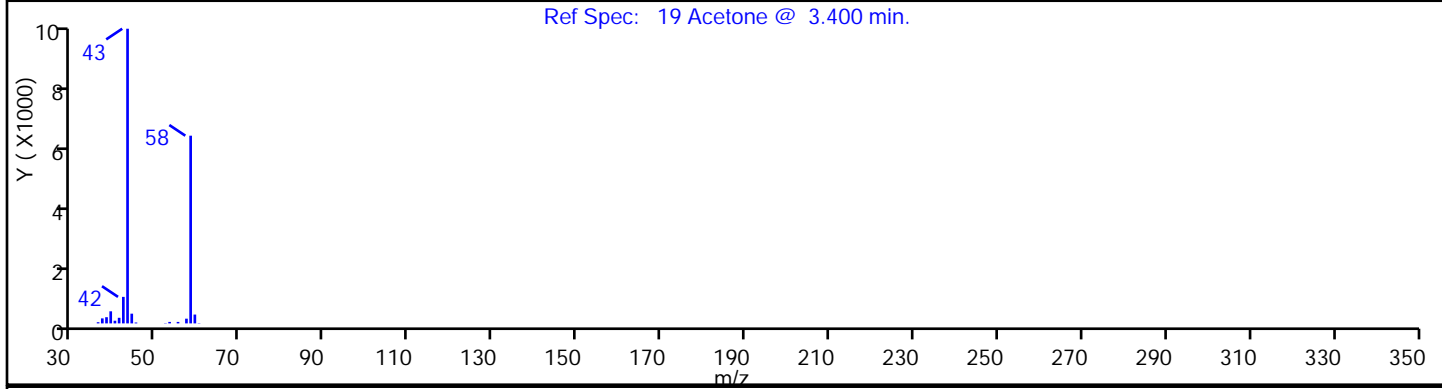
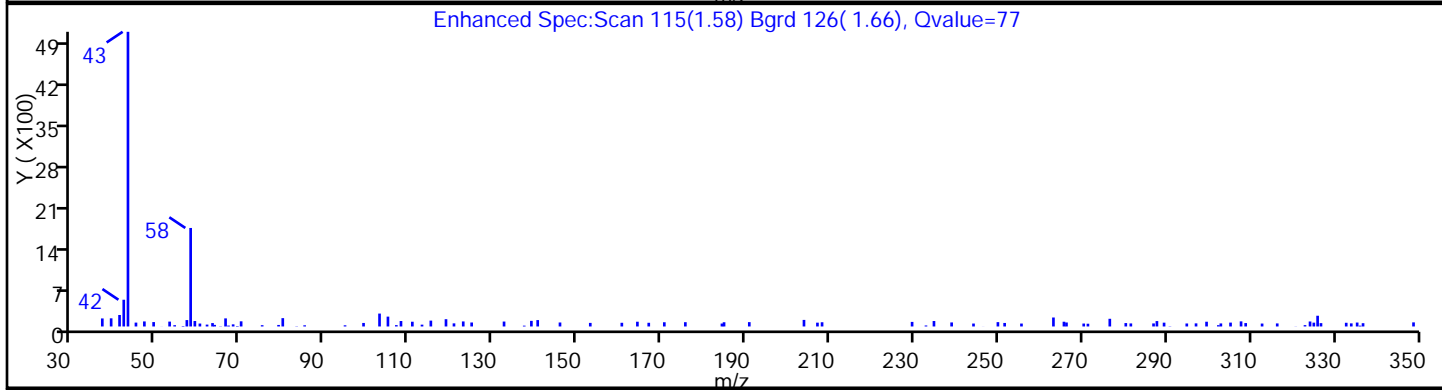
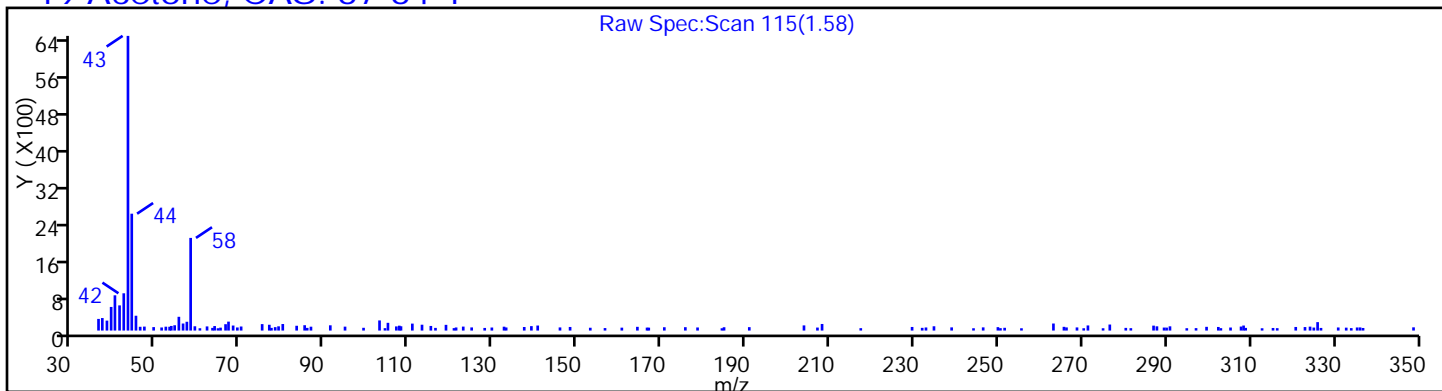
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

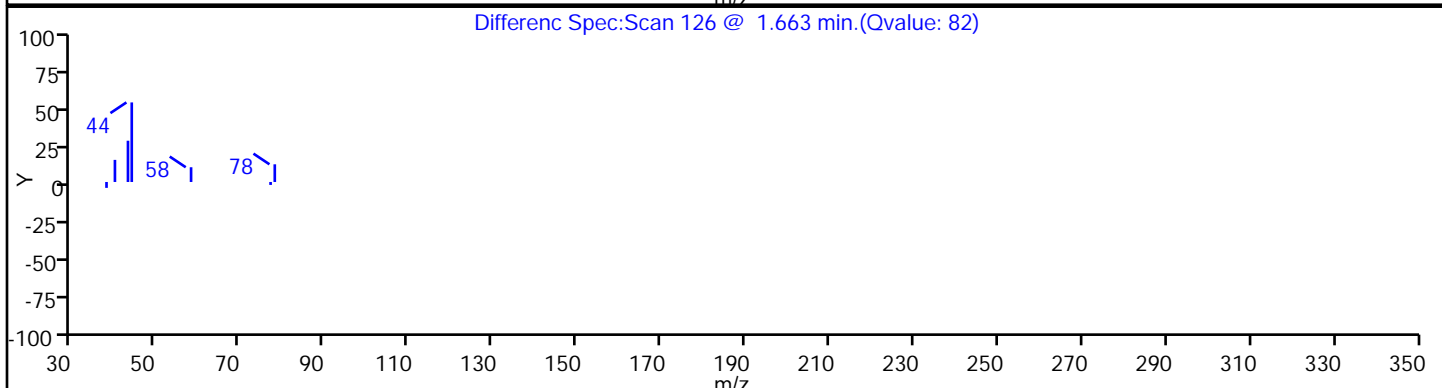
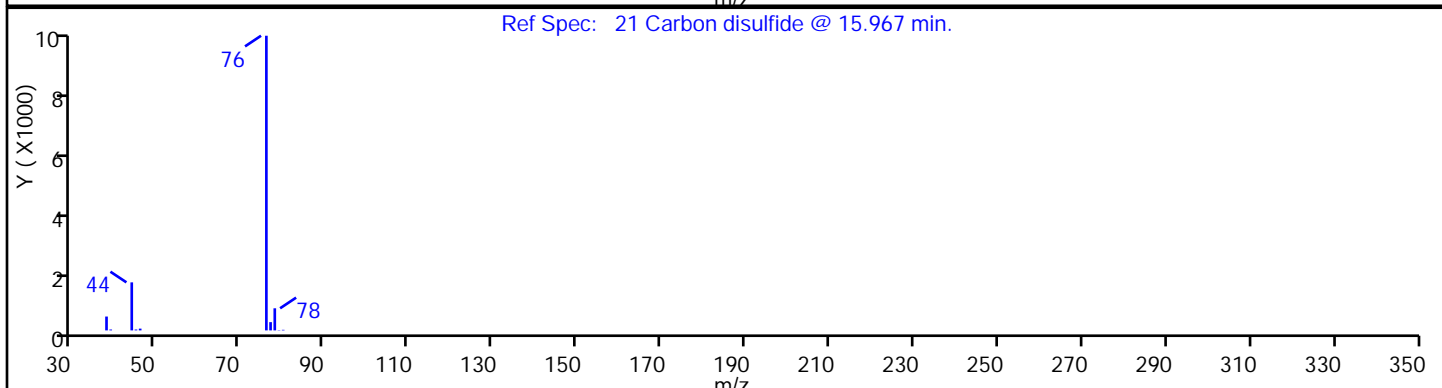
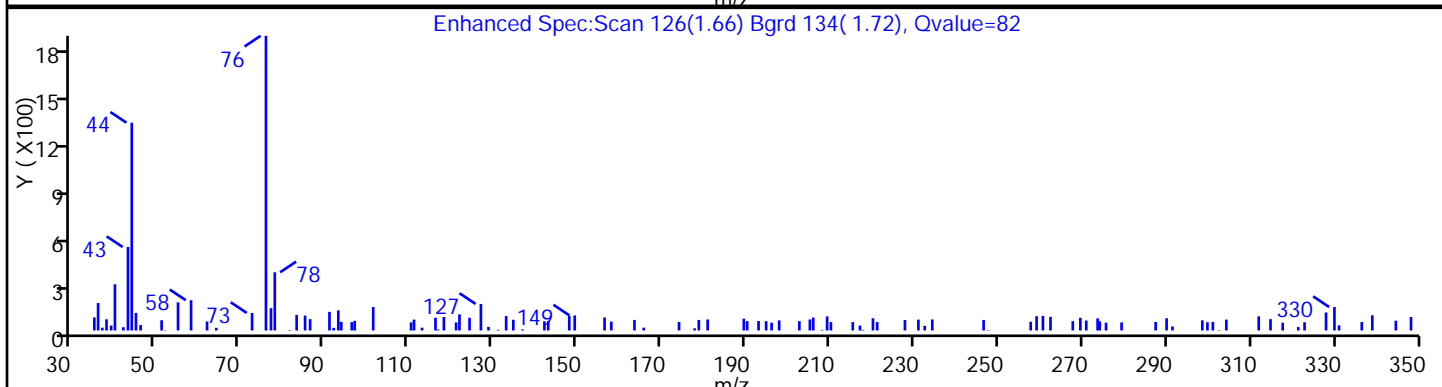
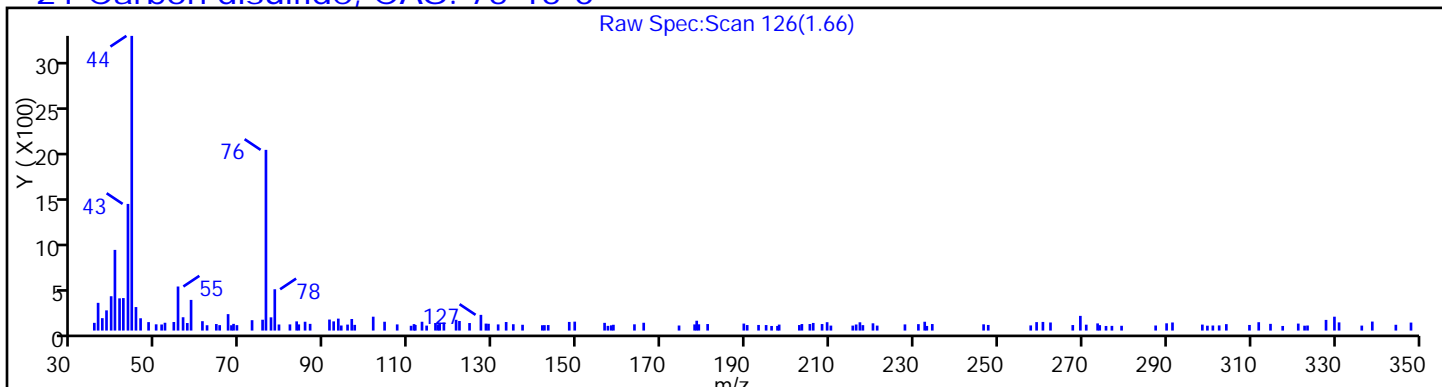
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

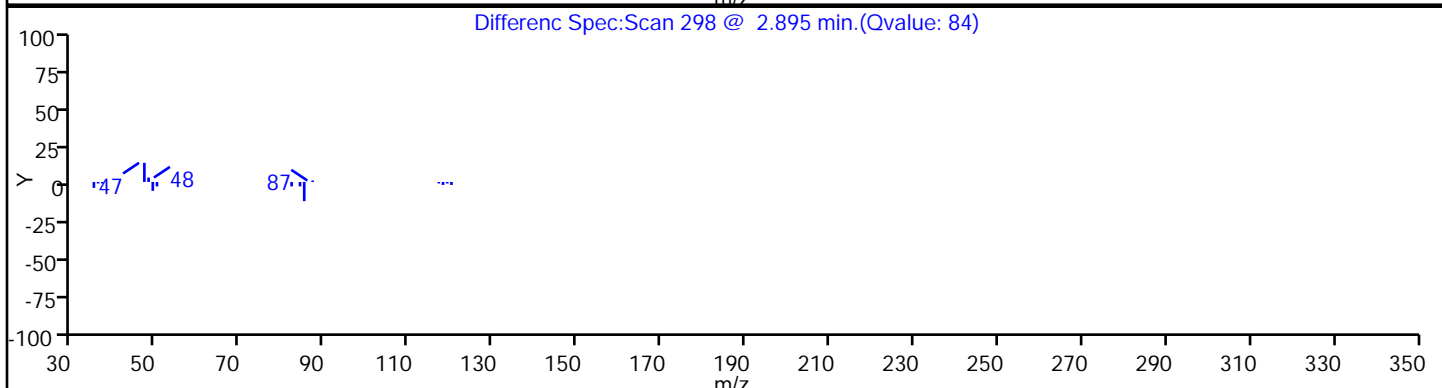
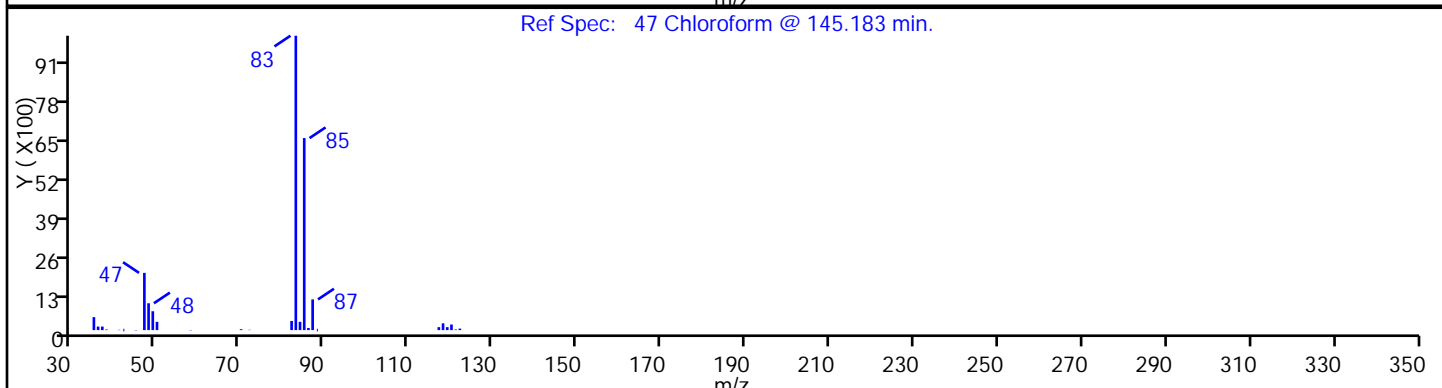
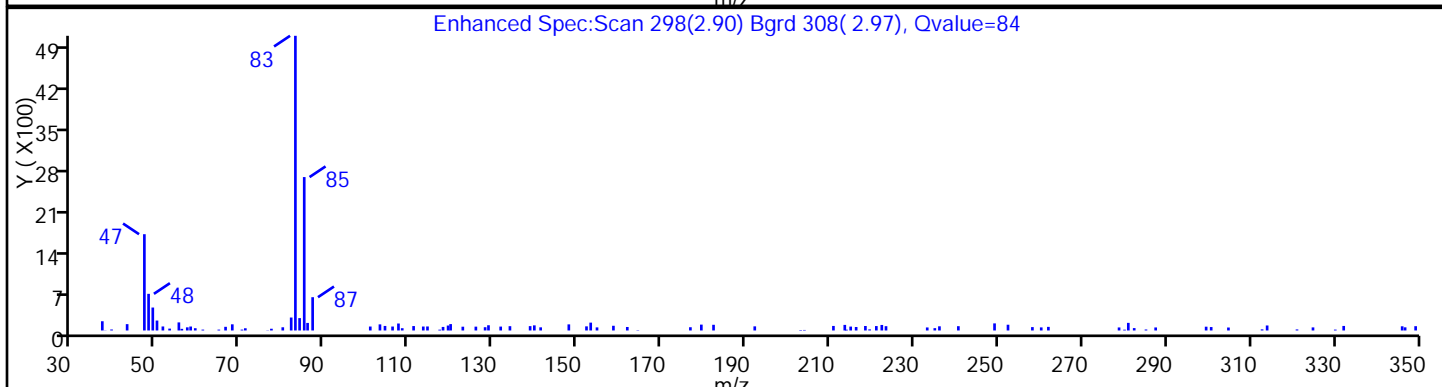
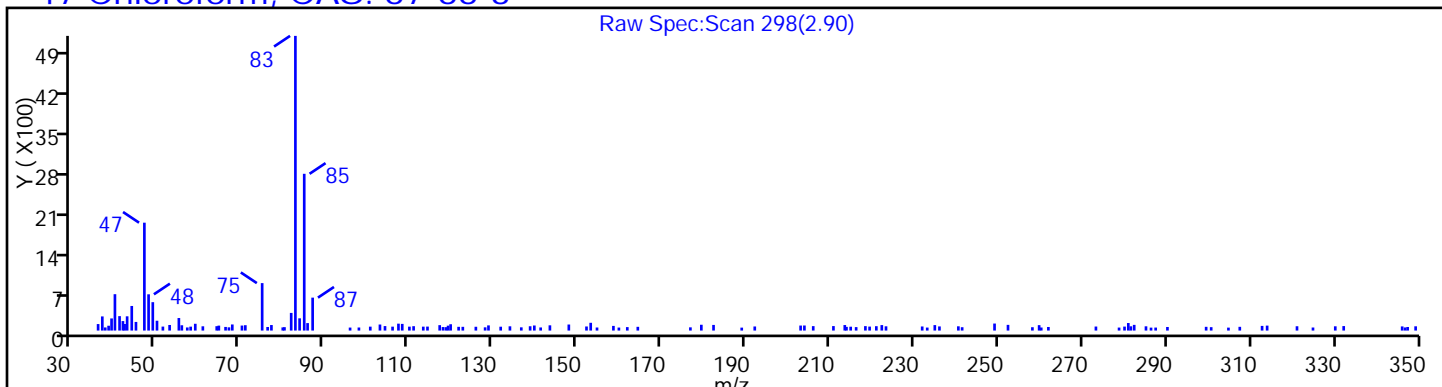
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

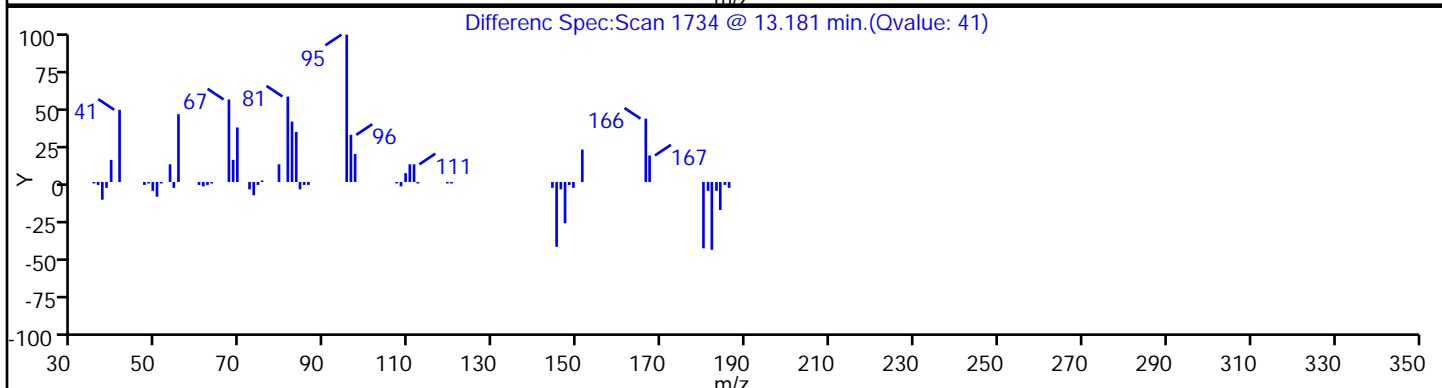
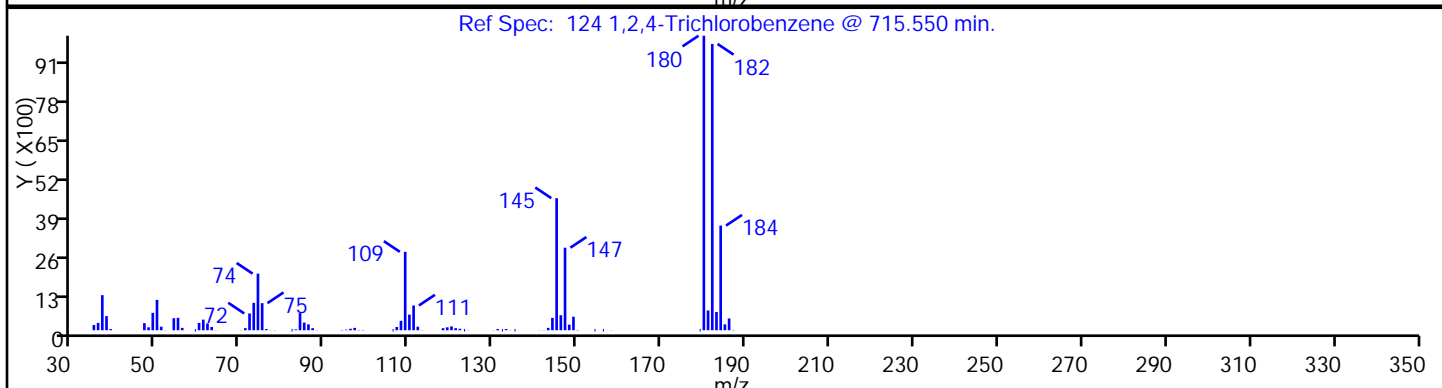
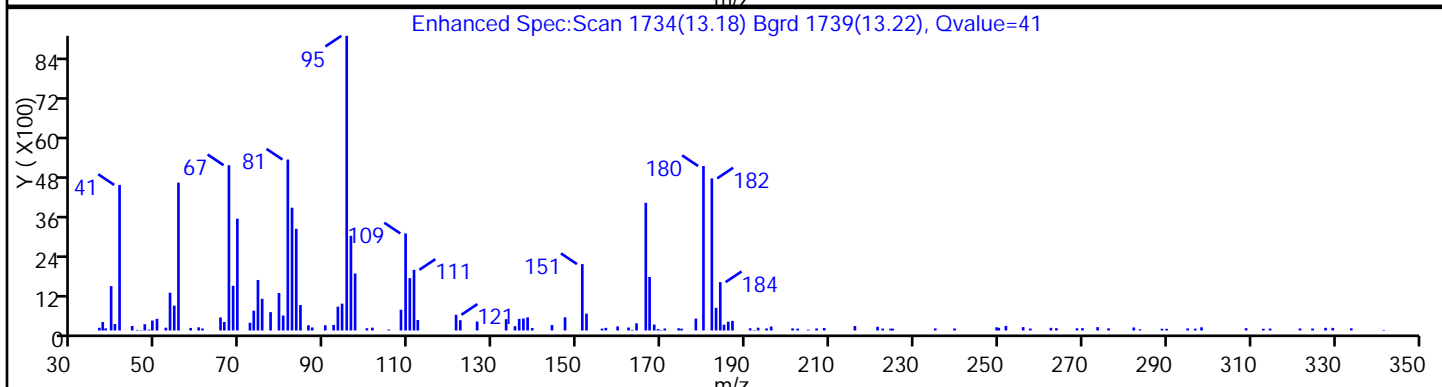
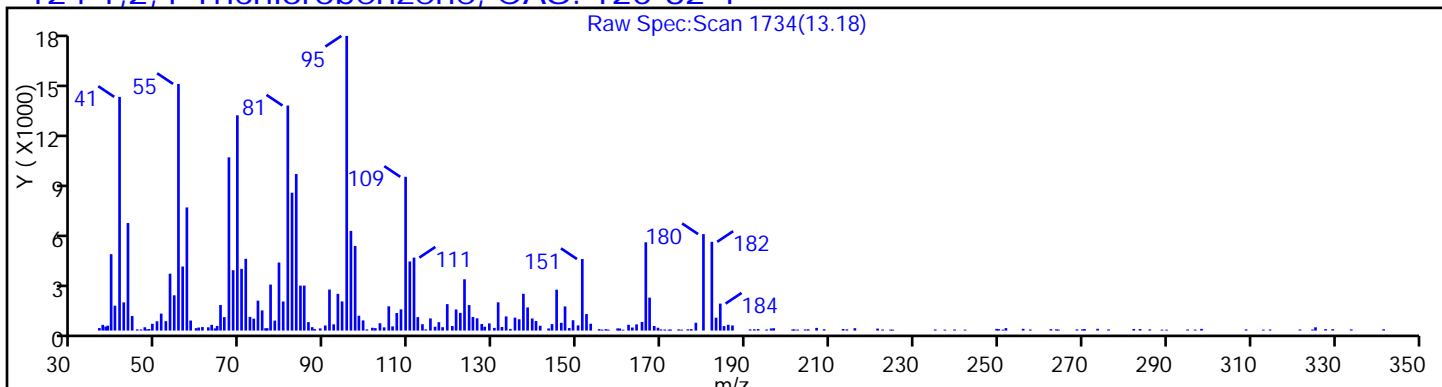
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

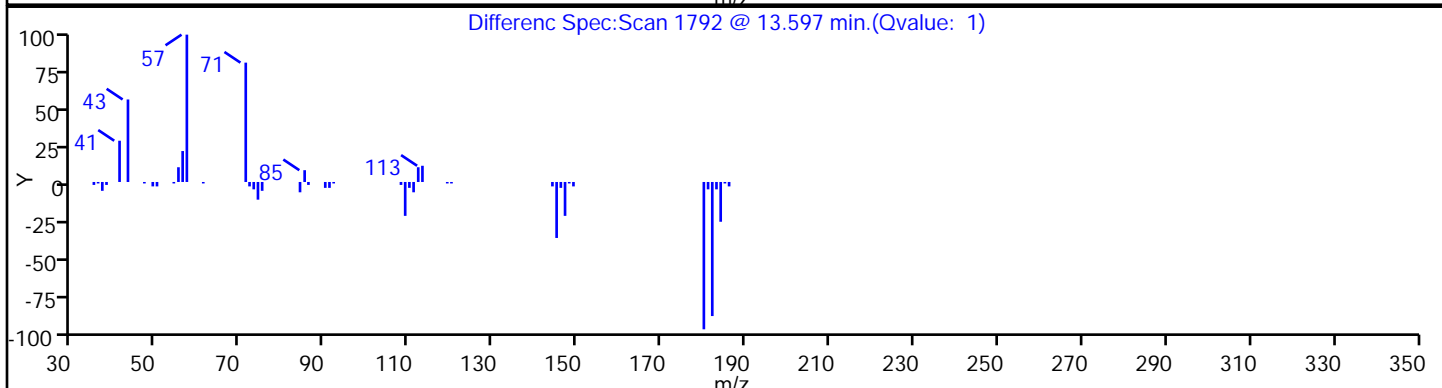
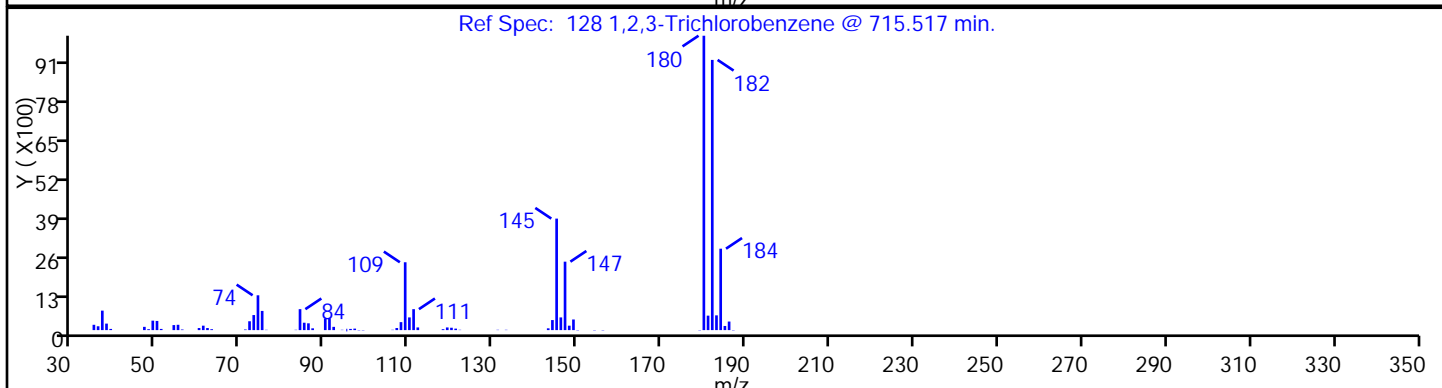
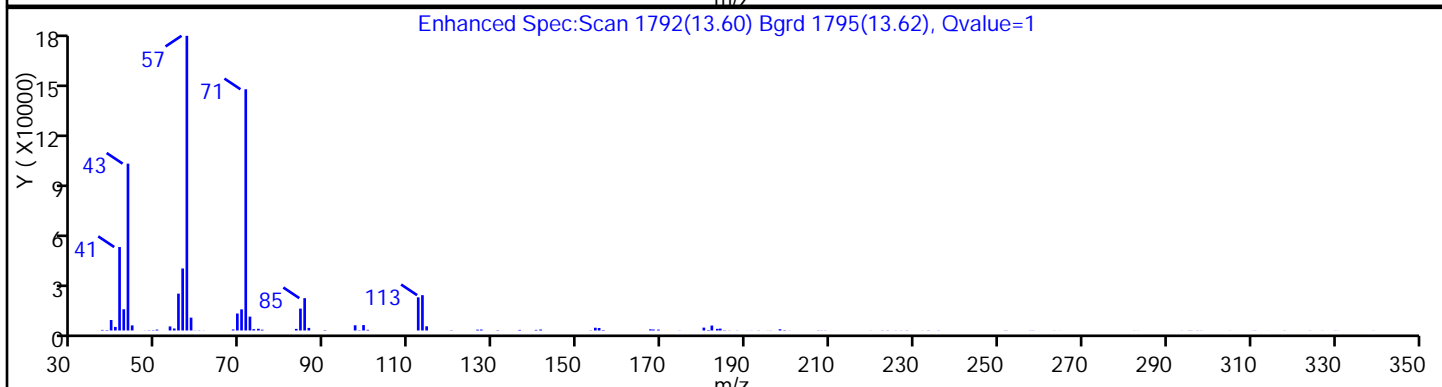
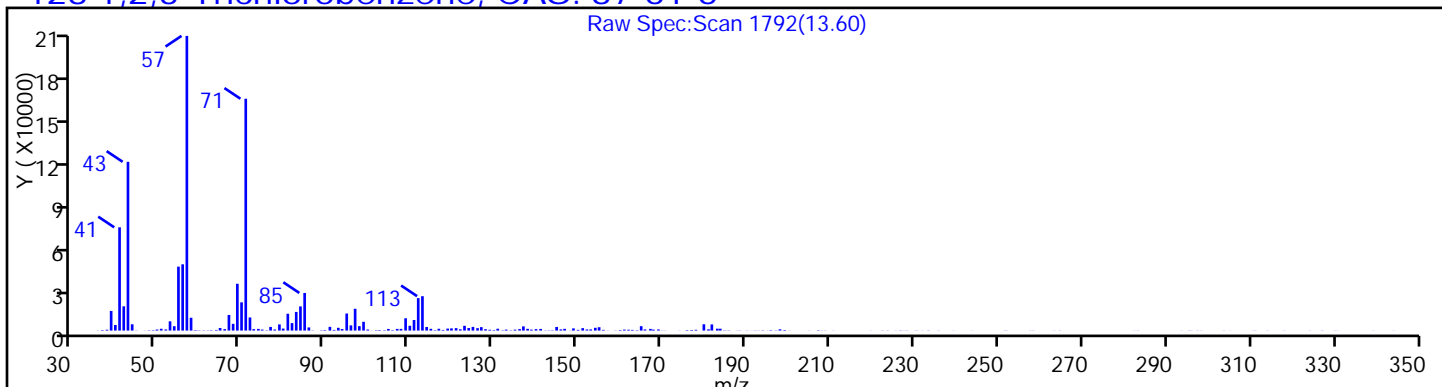
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

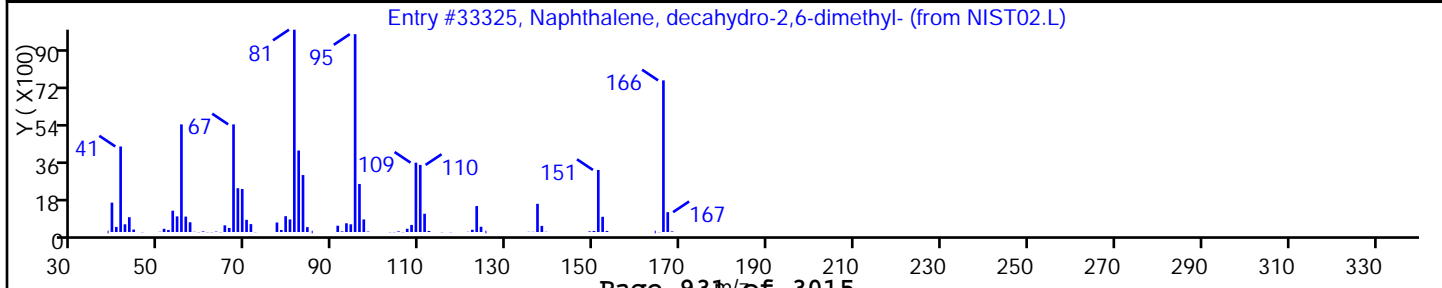
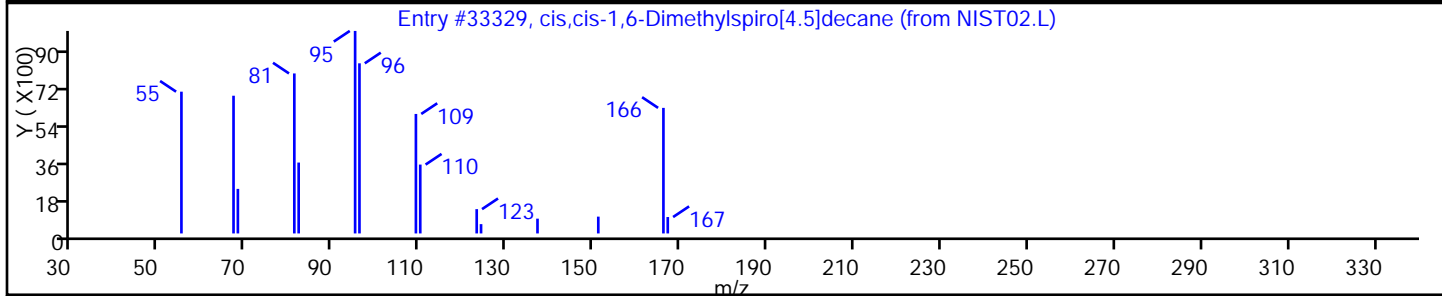
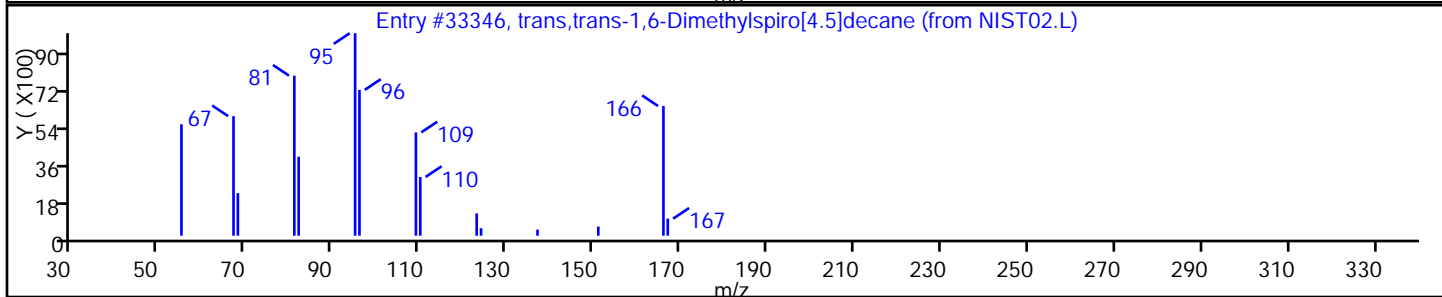
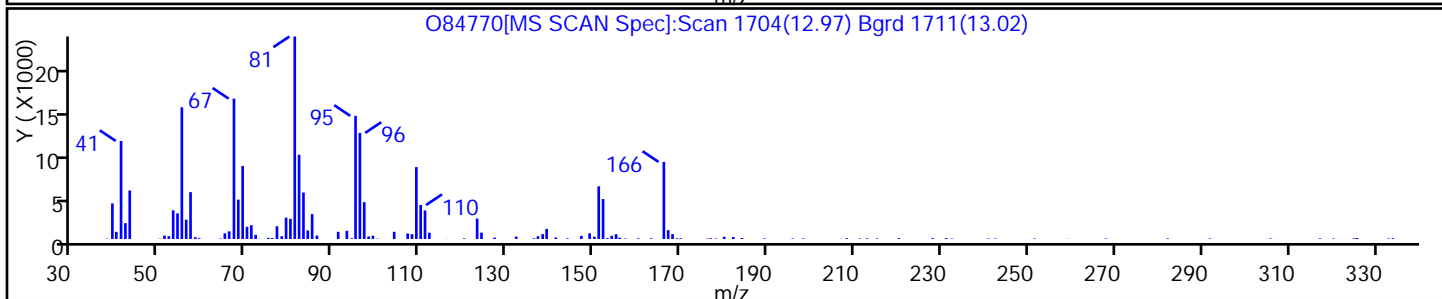
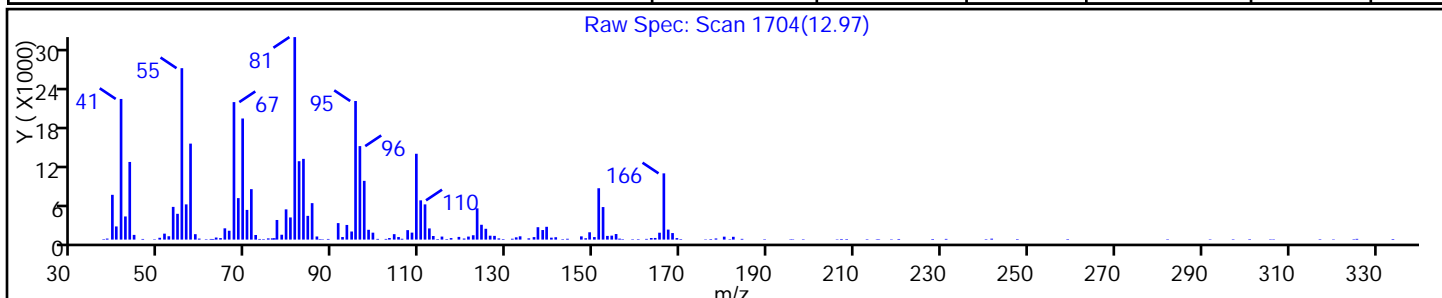
128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D
 Injection Date: 14-Mar-2014 03:09:30 Instrument ID: CVOAMS12
 Lims ID: 460-72180-A-21-A Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Operator ID: VOA GC/MS12 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
 Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans,trans-1,6-Dimethylspiro[4.5]decane	1000111-72	NIST02.L	33346	C12H22	166	95
cis,cis-1,6-Dimethylspiro[4.5]decane	1000111-72	NIST02.L	33329	C12H22	166	83
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

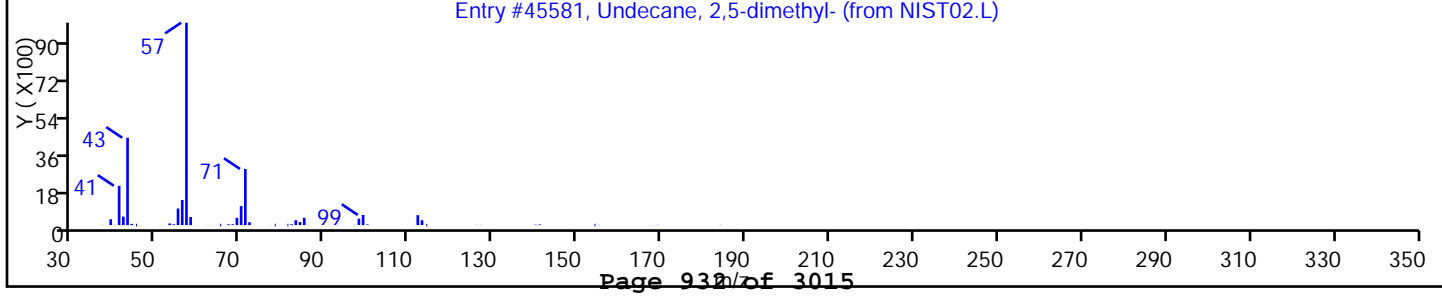
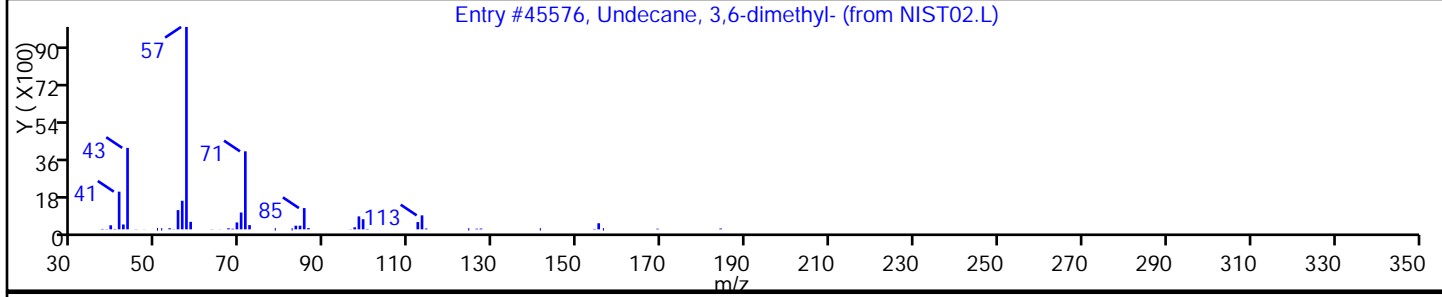
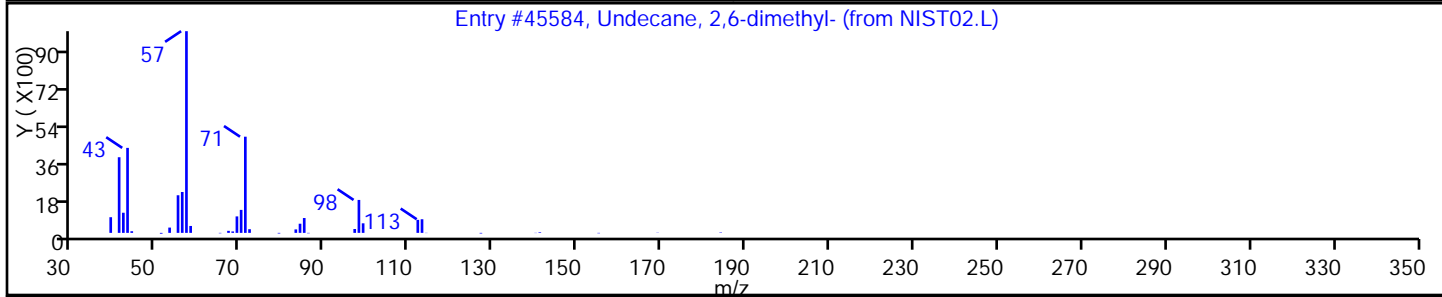
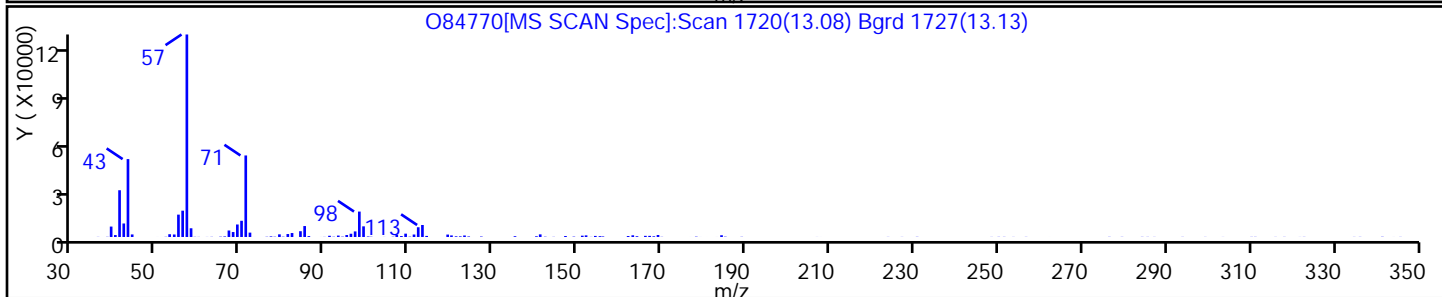
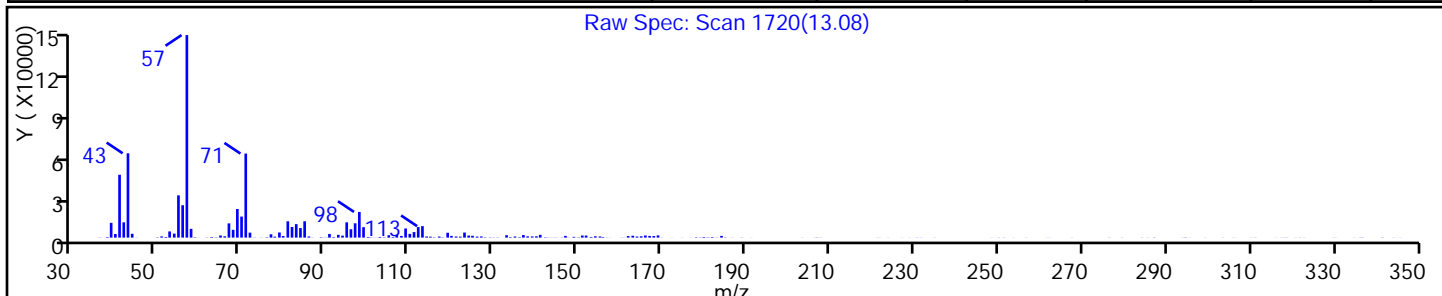
Method: 8260S_12

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	92
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	87
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.L	45581	C13H28	184	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

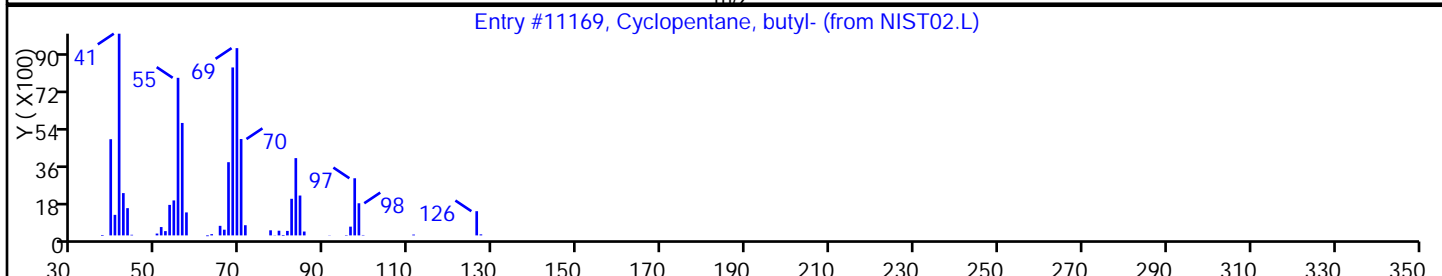
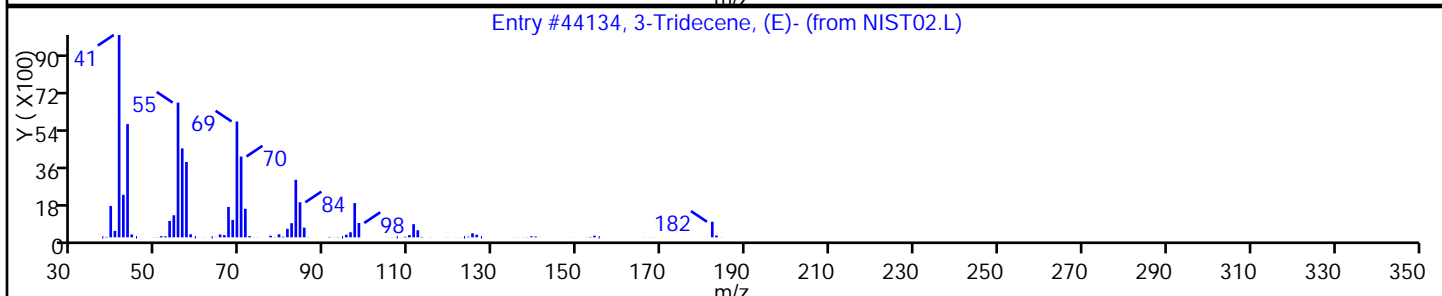
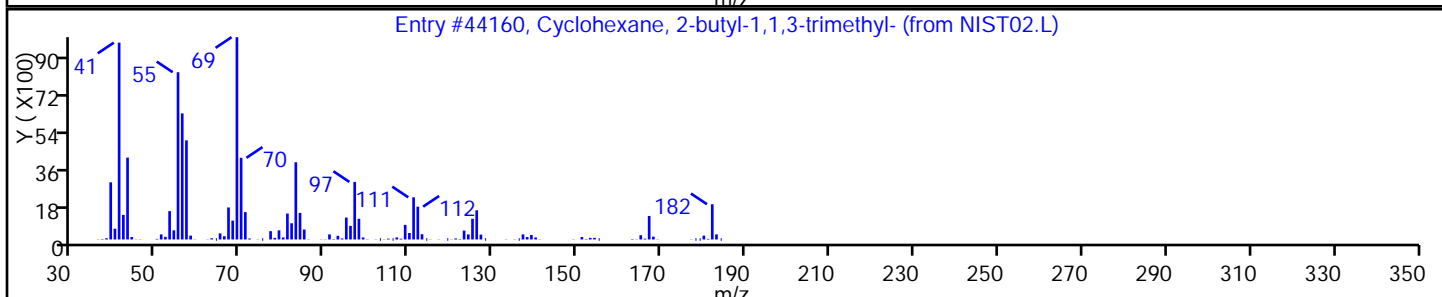
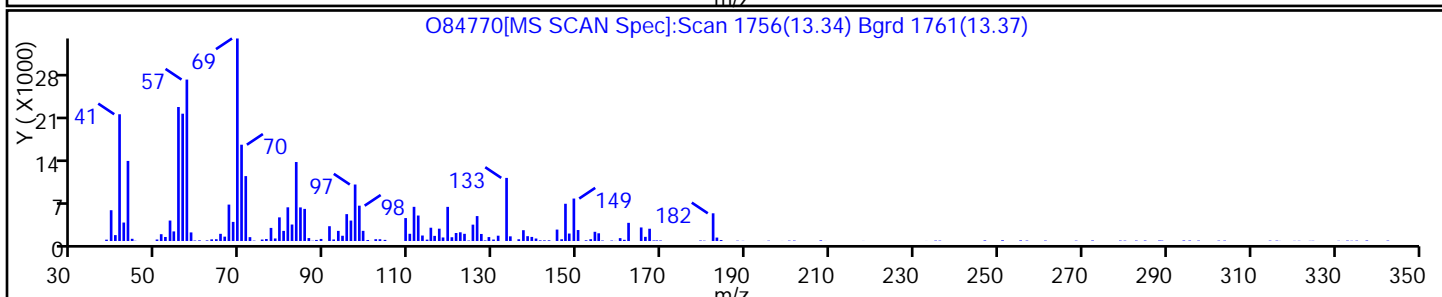
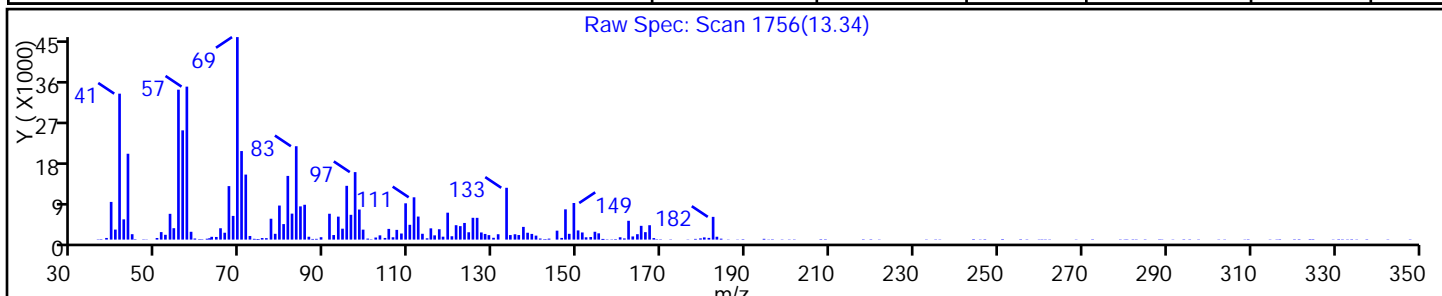
Method: 8260S_12

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	89
3-Tridecene, (E)-	41446-57-5	NIST02.L	44134	C13H26	182	81
Cyclopentane, butyl-	2040-95-1	NIST02.L	11169	C9H18	126	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

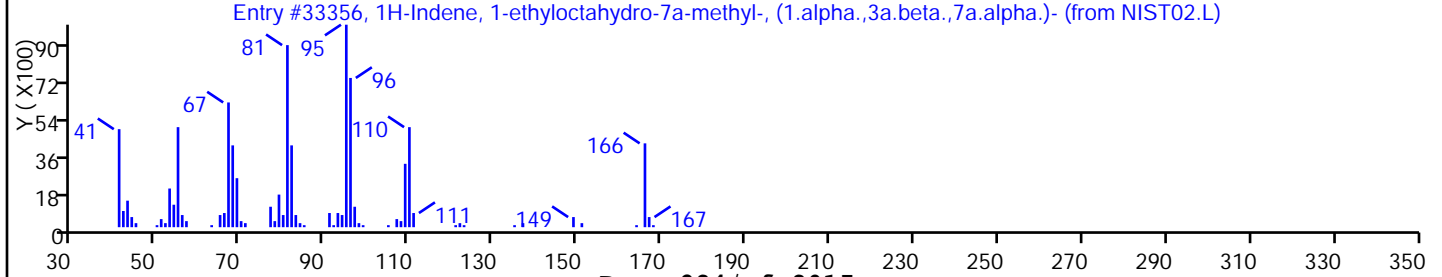
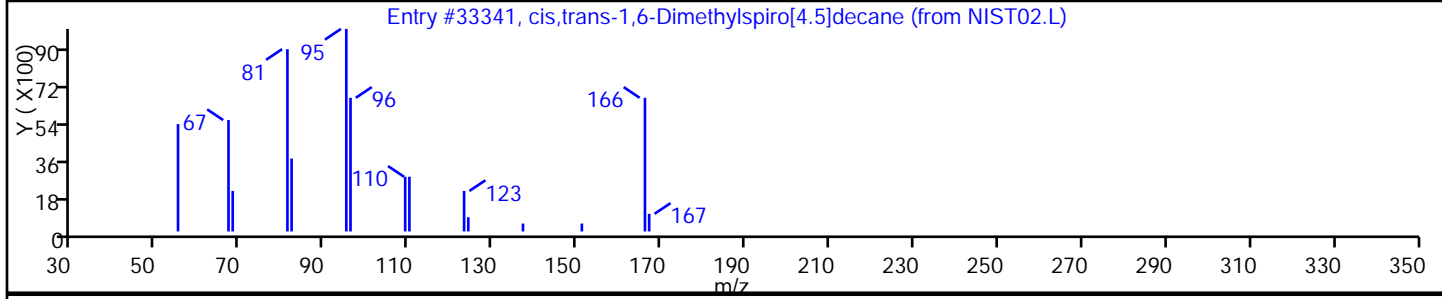
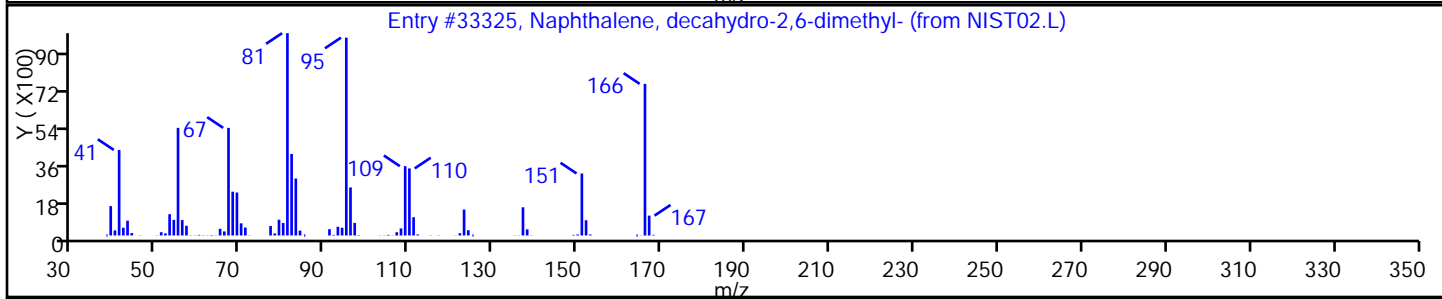
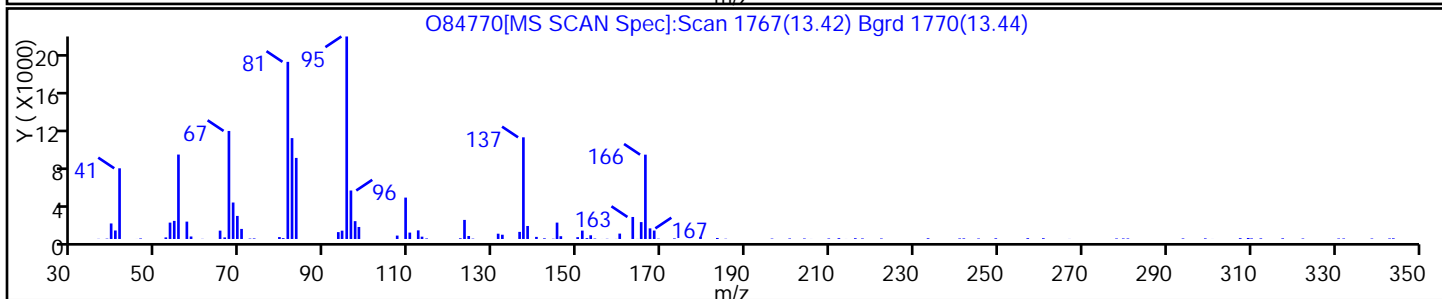
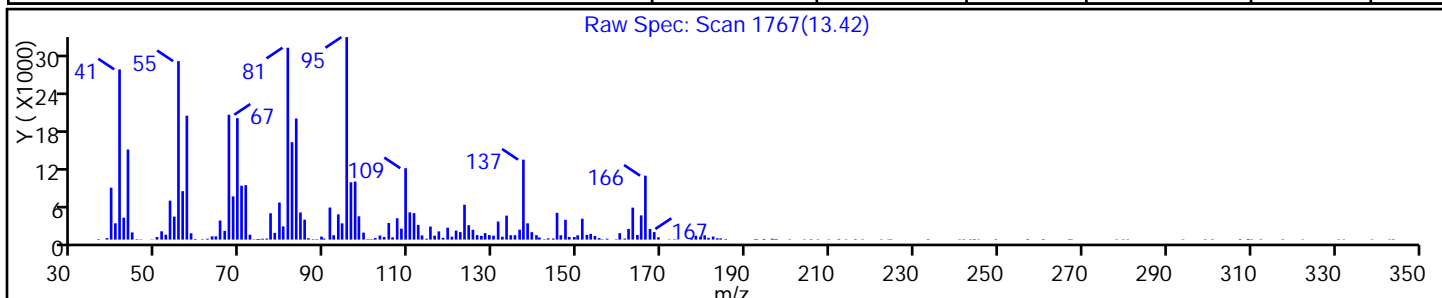
Method: 8260S_12

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	74
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72	NIST02.L	33341	C12H22	166	58
1H-Indene, 1-ethyloctahydro-7a-methyl-,	56324-71-1	NIST02.L	33356	C12H22	166	58



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

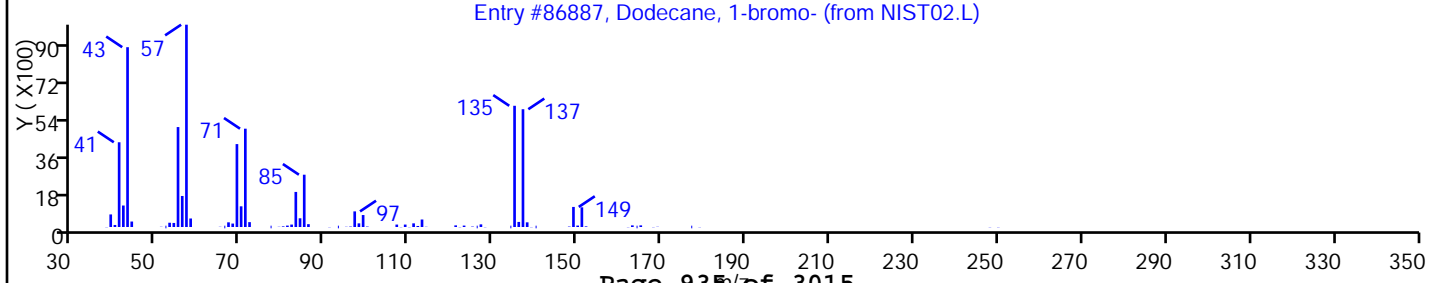
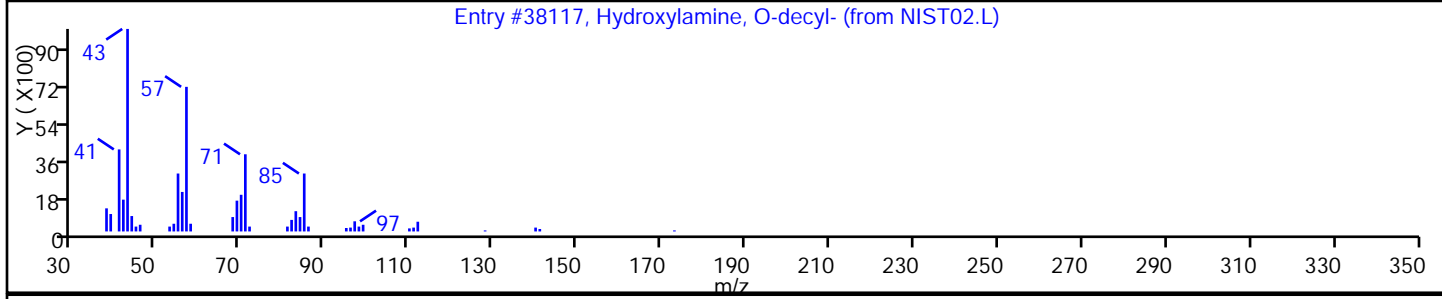
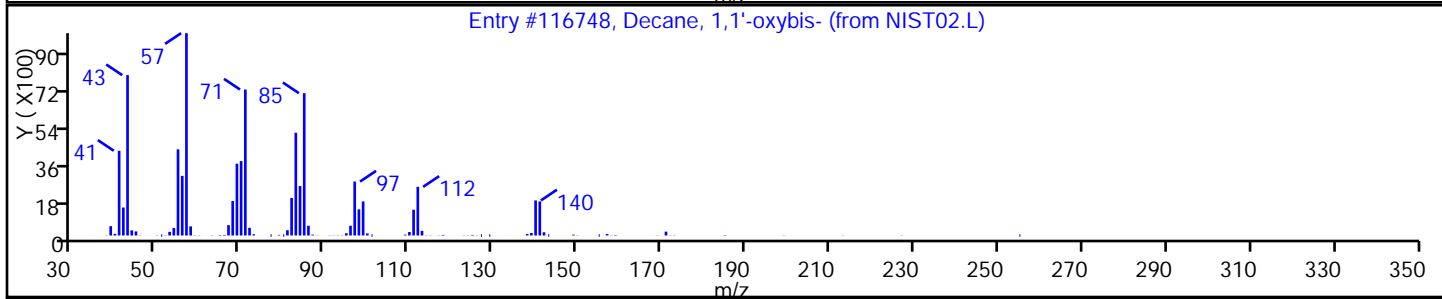
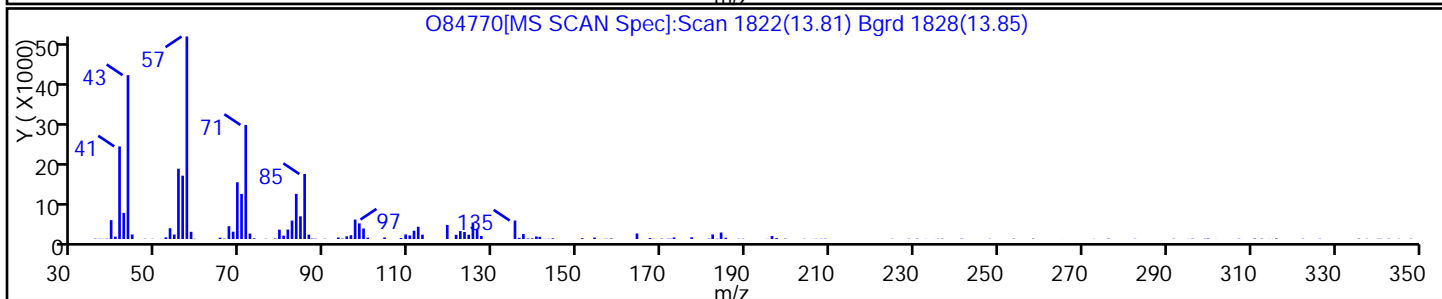
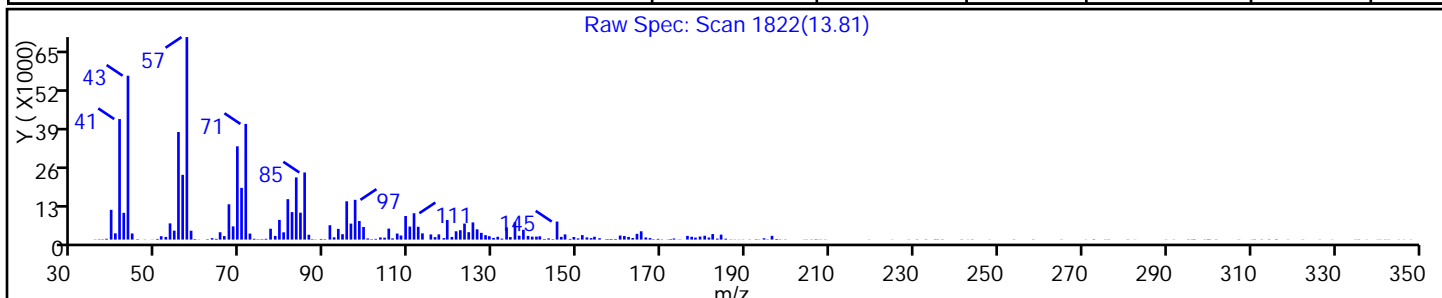
Method: 8260S_12

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	87
Hydroxylamine, O-decyl-	29812-79-1	NIST02.L	38117	C10H23NO	173	83
Dodecane, 1-bromo-	143-15-7	NIST02.L	86887	C12H25Br	248	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

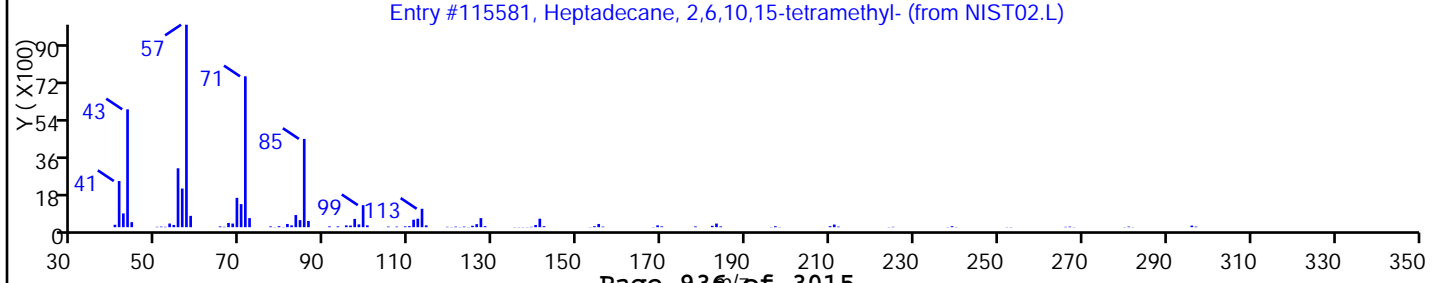
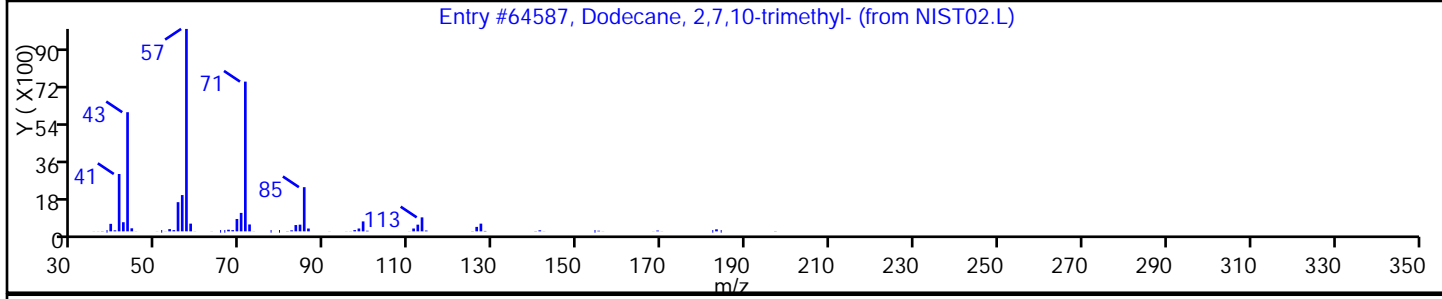
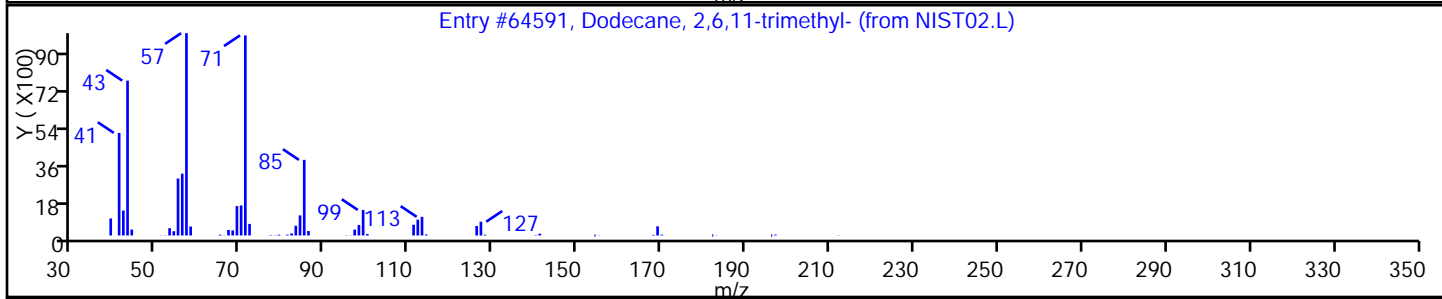
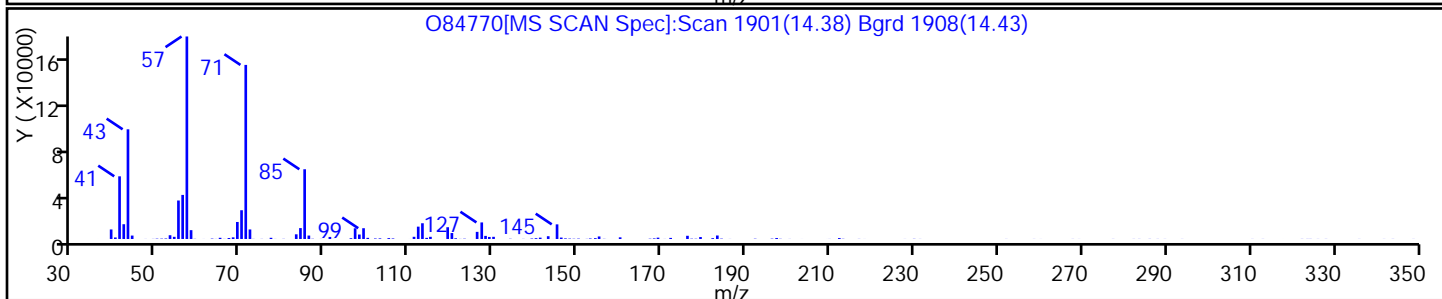
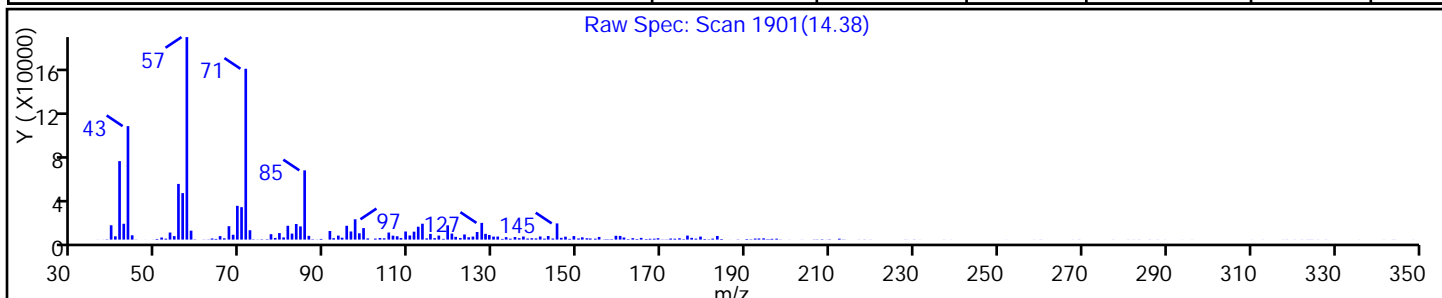
Method: 8260S_12

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	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	78



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

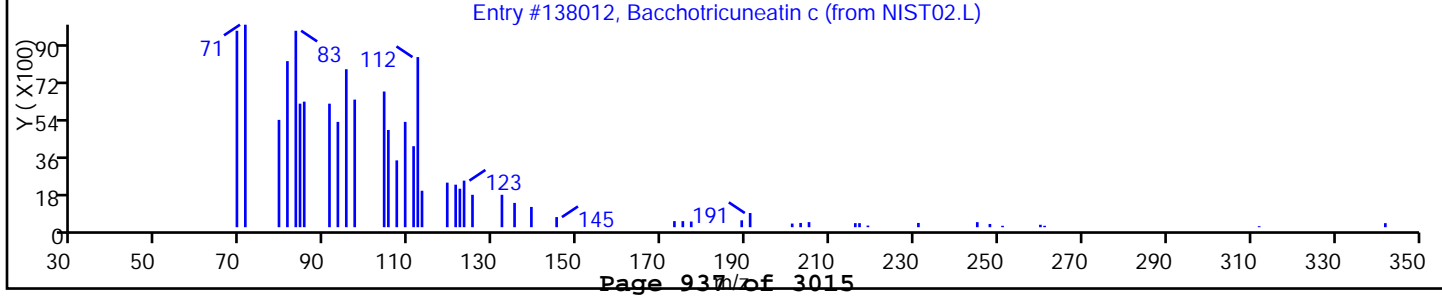
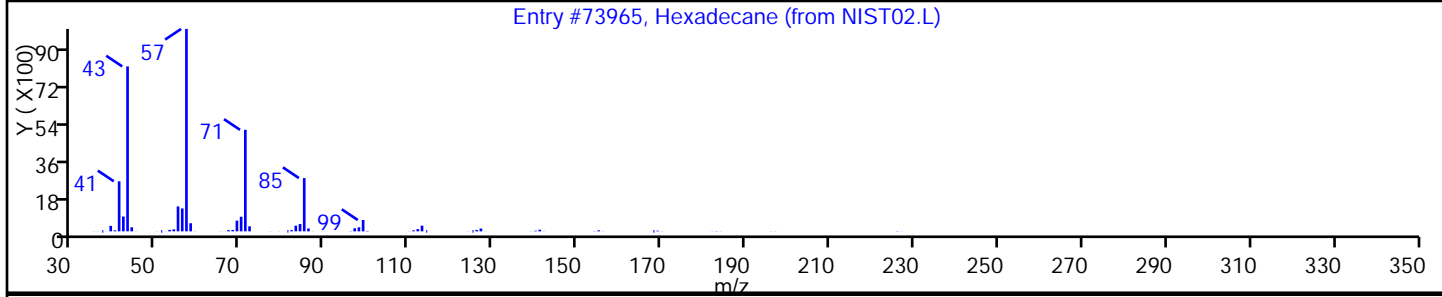
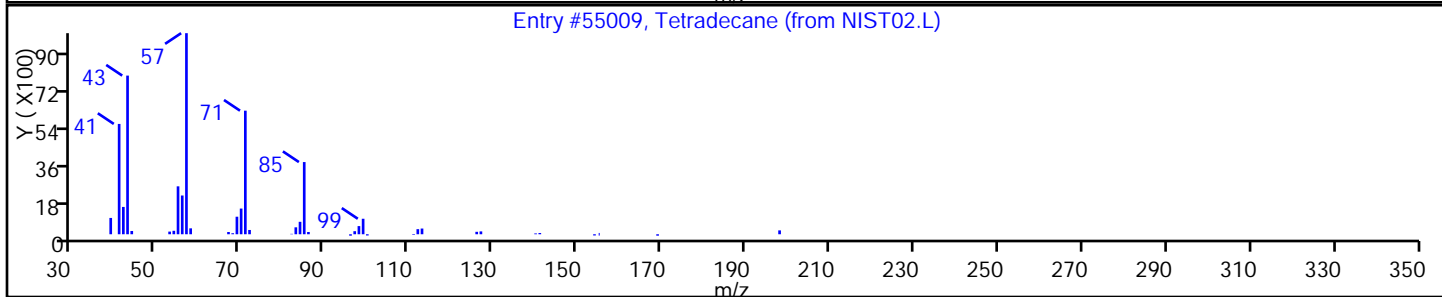
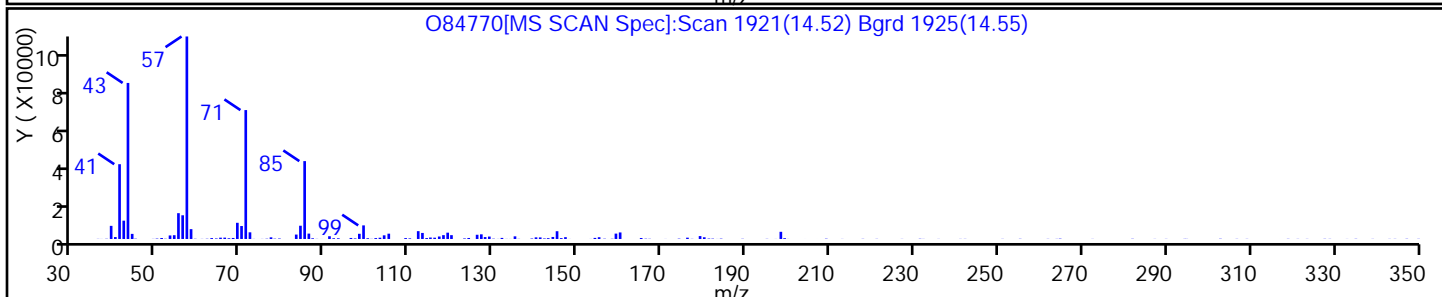
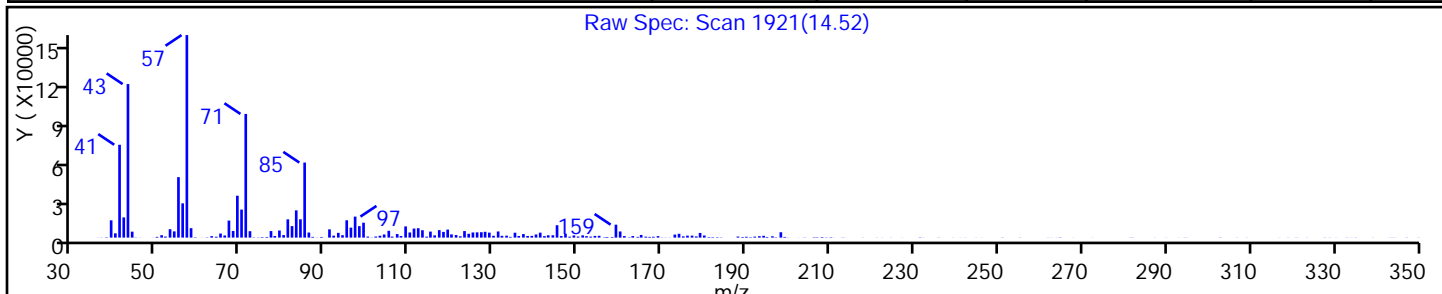
Method: 8260S_12

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
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	72
Bacchotricuneatin c	66563-30-2	NIST02.L	138012	C20H22O5	342	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

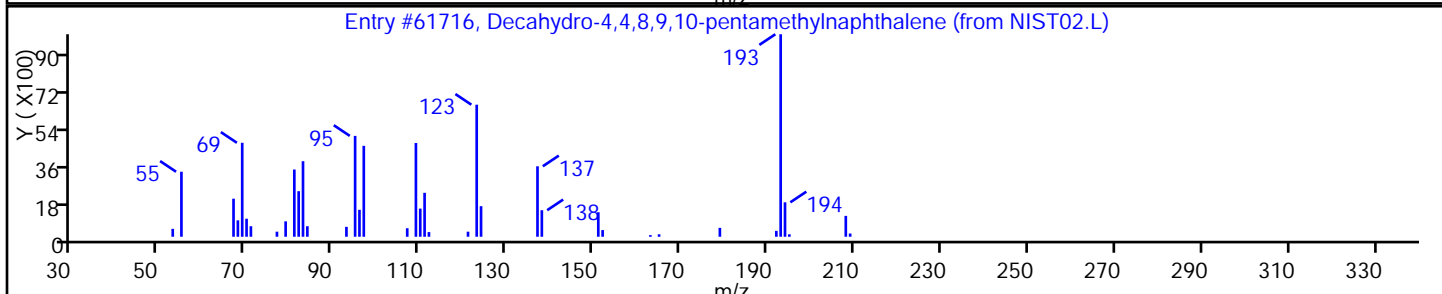
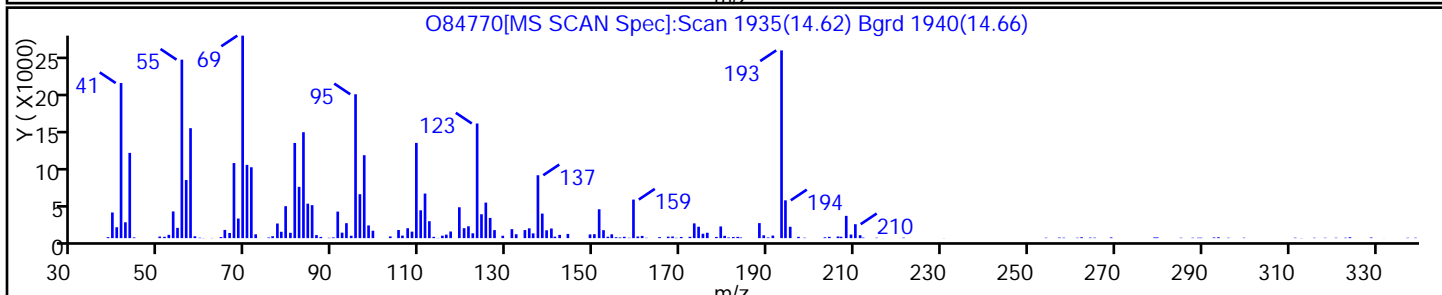
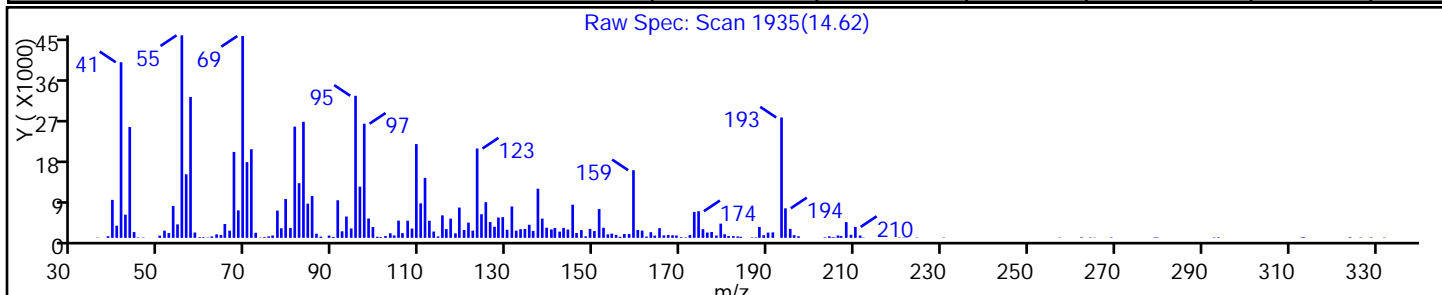
Method: 8260S_12

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	98



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

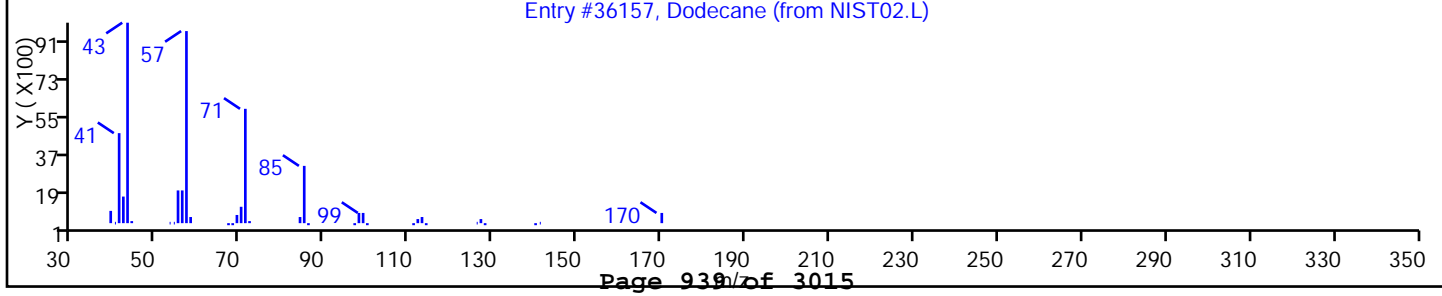
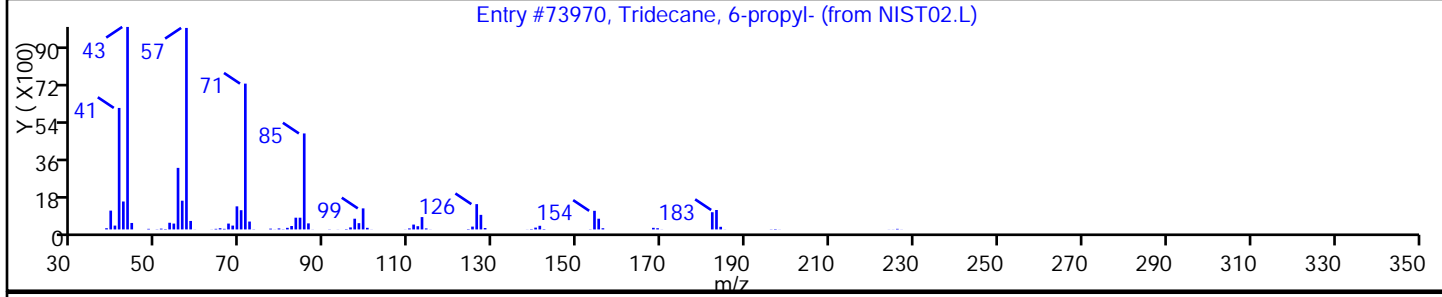
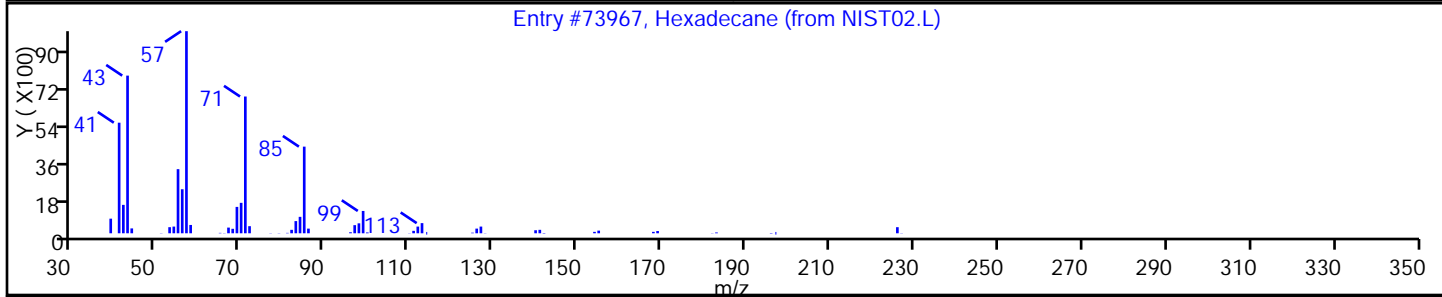
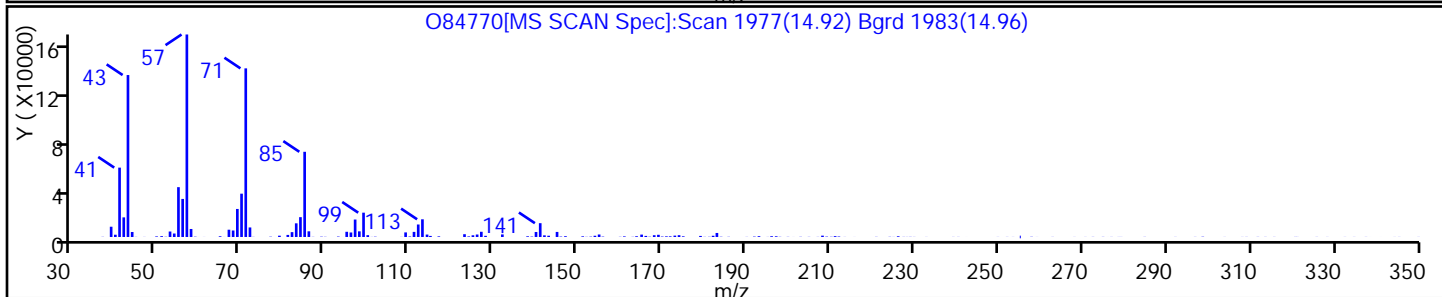
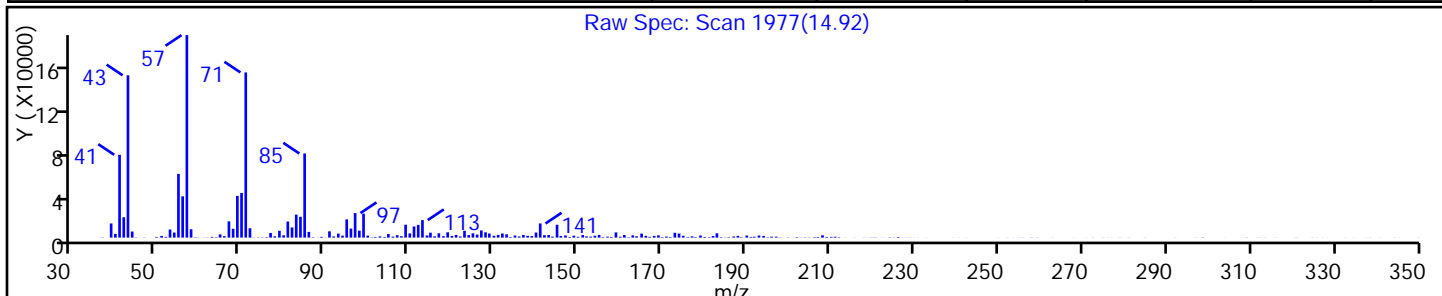
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	93
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	C16H34	226	87
Dodecane	112-40-3	NIST02.L	36157	C12H26	170	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84770.D

Injection Date: 14-Mar-2014 03:09:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID: VOA GC/MS12

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

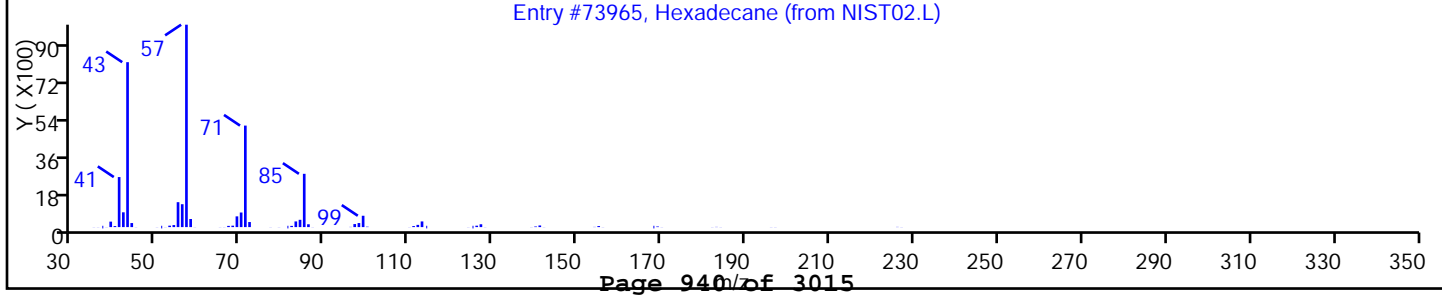
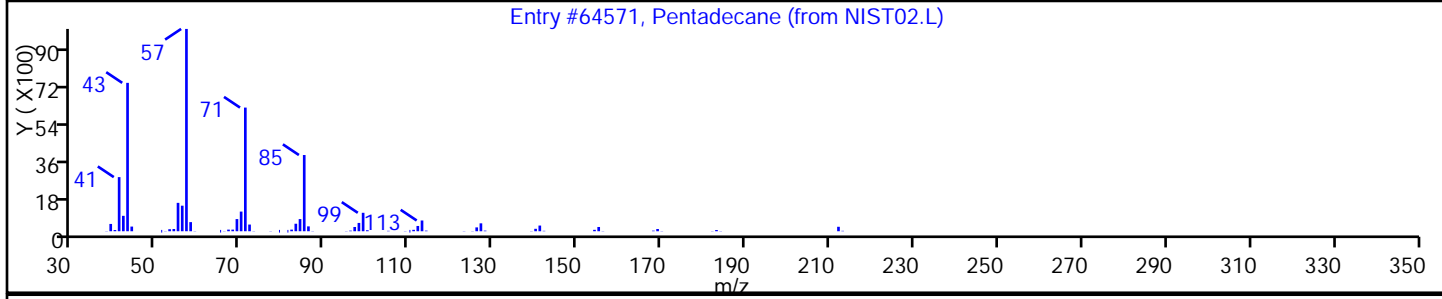
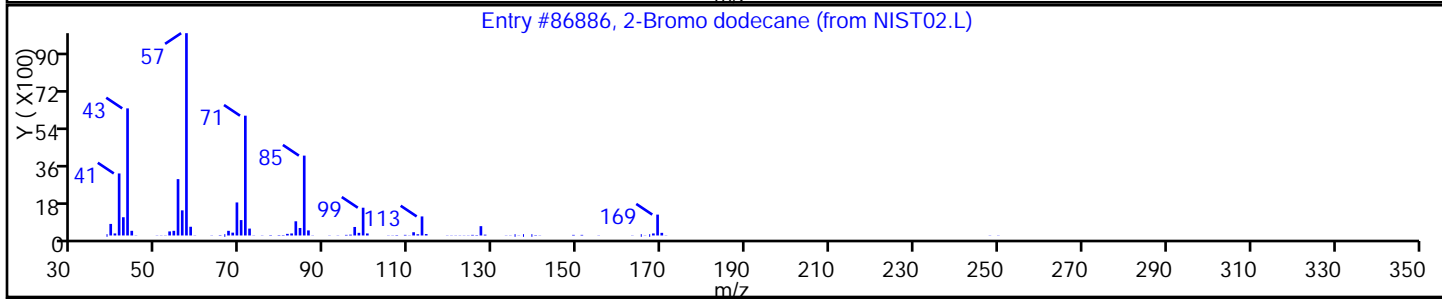
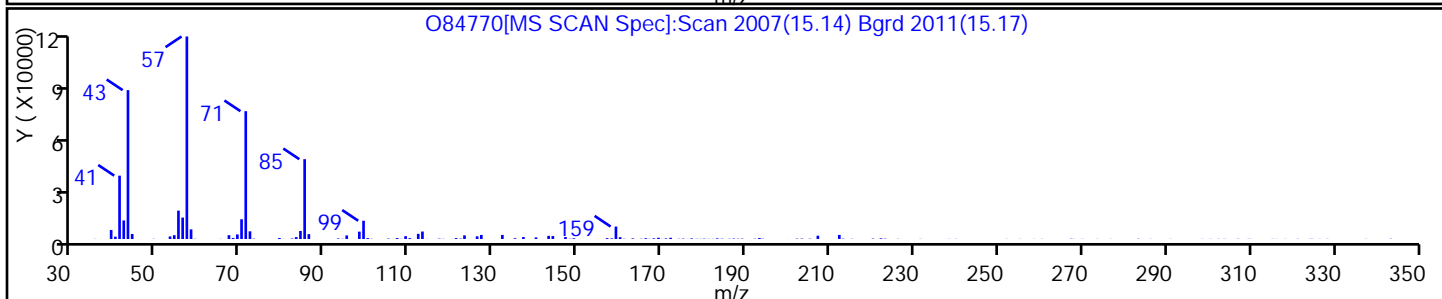
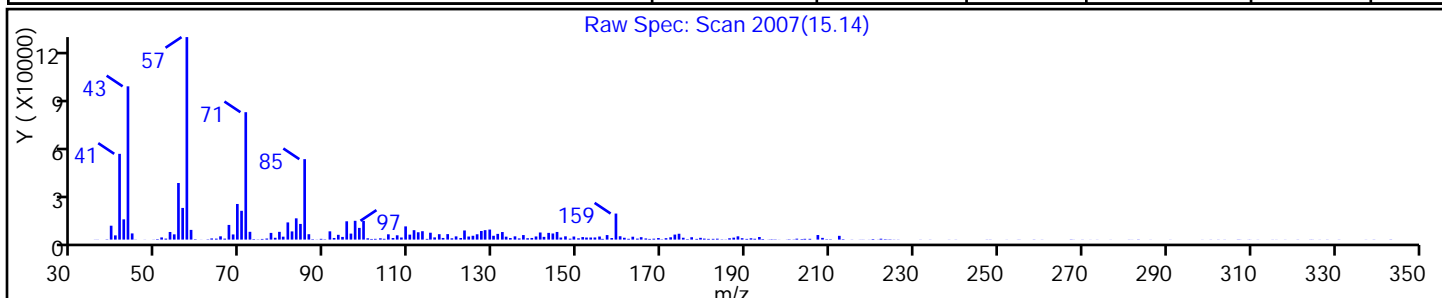
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Bromo dodecane	13187-99-0	NIST02.L	86886	C12H25Br	248	87
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	80
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: O84771.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:35
 Sample wt/vol: 5.862(g) Date Analyzed: 03/14/2014 03:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 7.2 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.92	0.15
74-83-9	Bromomethane	0.40	U	0.92	0.40
75-01-4	Vinyl chloride	0.31	U	0.92	0.31
75-00-3	Chloroethane	0.30	U	0.92	0.30
75-09-2	Methylene Chloride	0.56	J	0.92	0.14
67-64-1	Acetone	2.6	J B	4.6	1.6
75-15-0	Carbon disulfide	0.14	U	0.92	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.92	0.15
75-35-4	1,1-Dichloroethene	0.17	U	0.92	0.17
75-34-3	1,1-Dichloroethane	0.10	U	0.92	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.92	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.92	0.10
67-66-3	Chloroform	0.22	U	0.92	0.22
78-93-3	2-Butanone	0.58	U	4.6	0.58
107-06-2	1,2-Dichloroethane	0.17	U	0.92	0.17
71-55-6	1,1,1-Trichloroethane	0.12	U	0.92	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.92	0.14
71-43-2	Benzene	0.14	U	0.92	0.14
75-25-2	Bromoform	0.16	U	0.92	0.16
100-42-5	Styrene	0.26	U	0.92	0.26
100-41-4	Ethylbenzene	0.16	U	0.92	0.16
108-90-7	Chlorobenzene	0.17	U	0.92	0.17
110-82-7	Cyclohexane	0.12	U	0.92	0.12
98-82-8	Isopropylbenzene	0.10	U	0.92	0.10
591-78-6	2-Hexanone	0.12	U	4.6	0.12
1634-04-4	MTBE	0.10	U	0.92	0.10
76-13-1	Freon TF	0.10	U	0.92	0.10
79-20-9	Methyl acetate	0.29	U	4.6	0.29
123-91-1	1,4-Dioxane	12	U	18	12
79-01-6	Trichloroethene	0.13	J	0.92	0.11
108-88-3	Toluene	0.13	U	0.92	0.13
10061-02-6	trans-1,3-Dichloropropene	0.092	U	0.92	0.092
108-10-1	4-Methyl-2-pentanone	0.18	U	4.6	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.92	0.13
95-50-1	1,2-Dichlorobenzene	0.092	U	0.92	0.092
541-73-1	1,3-Dichlorobenzene	0.15	U	0.92	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: O84771.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:35
 Sample wt/vol: 5.862(g) Date Analyzed: 03/14/2014 03:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 7.2 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.92	0.10
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.92	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.92	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.92	0.14
108-87-2	Methylcyclohexane	0.092	U	0.92	0.092
127-18-4	Tetrachloroethene	0.11	U	0.92	0.11
1330-20-7	Xylenes, Total	0.62	U	1.8	0.62
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.92	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.083	U	0.92	0.083
79-00-5	1,1,2-Trichloroethane	0.13	U	0.92	0.13
124-48-1	Dibromochloromethane	0.092	U	0.92	0.092
106-93-4	1,2-Dibromoethane	0.14	U	0.92	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.92	0.20
74-97-5	Bromochloromethane	0.10	U	0.92	0.10
75-27-4	Bromodichloromethane	0.29	U	0.92	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)	92		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: O84771.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:35
 Sample wt/vol: 5.862(g) Date Analyzed: 03/14/2014 03:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 7.2 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg
 Number TICs Found: 1 TIC Result Total: 6.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q
7785-70-8	1R-.alpha.-Pinene	8.64	6.7	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D
 Lims ID: 460-72180-A-22-A Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 14-Mar-2014 03:33:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-22-A
 Misc. Info.: 460-0010824-022
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:01:18 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:01:18

Compound	Sig	RT (min.)	Exp RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.599	1.592	0.007	75	5979	2.84	
25 Methylene Chloride	84	1.821	1.821	0.0	48	3373	0.6083	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	528183	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	96	162221	45.2	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	85	168072	45.1	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	886942	50.0	
61 Trichloroethene	95	3.934	3.934	0.0	1	780	0.1366	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	88	43483	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	746680	45.8	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	621429	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	205863	47.0	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	96	288818	50.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D
 Lims ID: 460-72180-A-22-A Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 14-Mar-2014 03:33:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-22-A
 Misc. Info.: 460-0010824-022
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:01:18 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011
 First Level Reviewer: delpolitov Date: 14-Mar-2014 09:01:18

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
8.640	272352	7.25	87	97	15161	C10H16	136	

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 87 Chlorobenzene-d5	7.121	1879366	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D

Injection Date: 14-Mar-2014 03:33:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-22-A

Lab Sample ID: 460-72180-22

Worklist Smp#: 22

Client ID: PMP-31SW-VS

Purge Vol: 5.000 mL

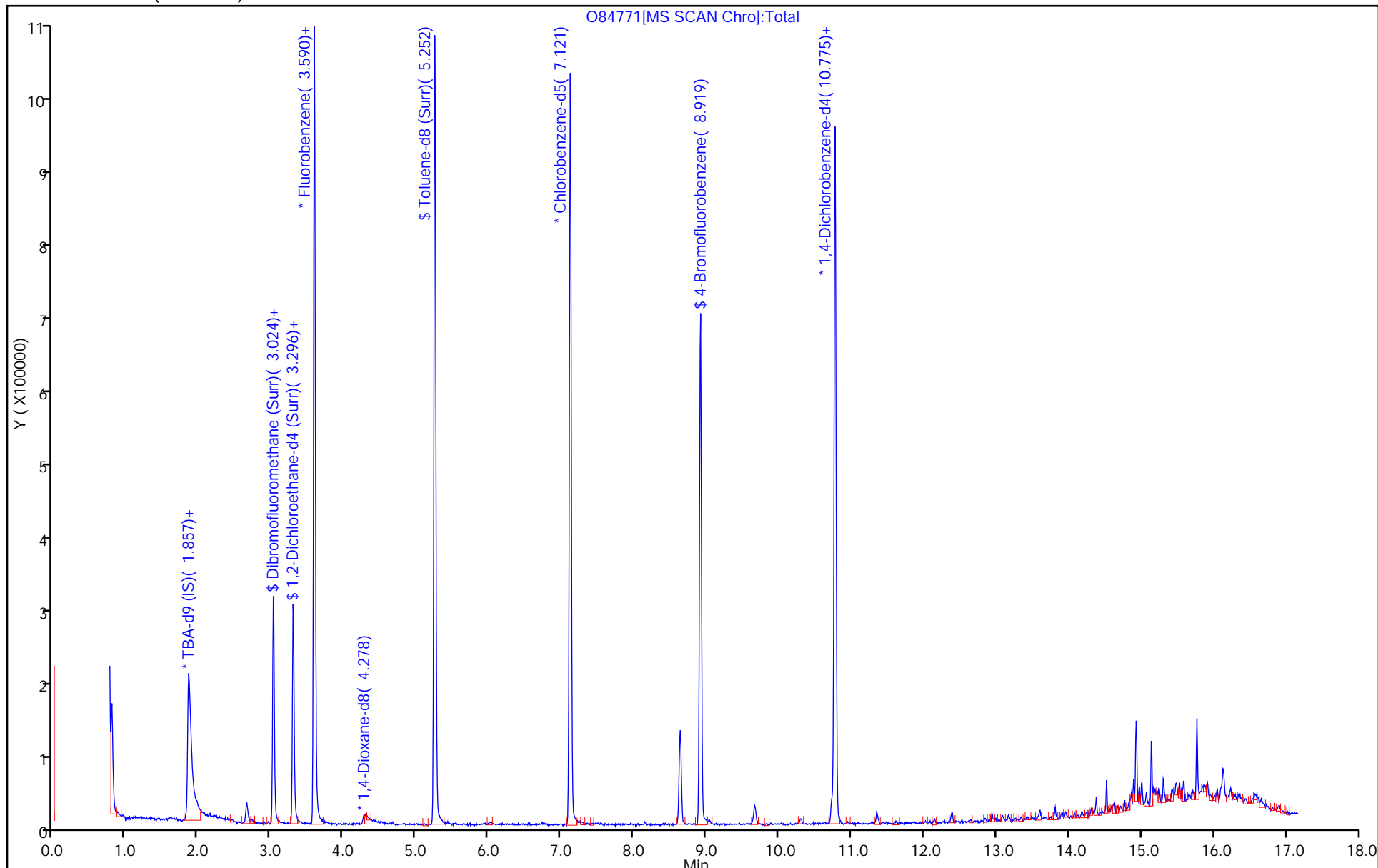
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D

Injection Date: 14-Mar-2014 03:33:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

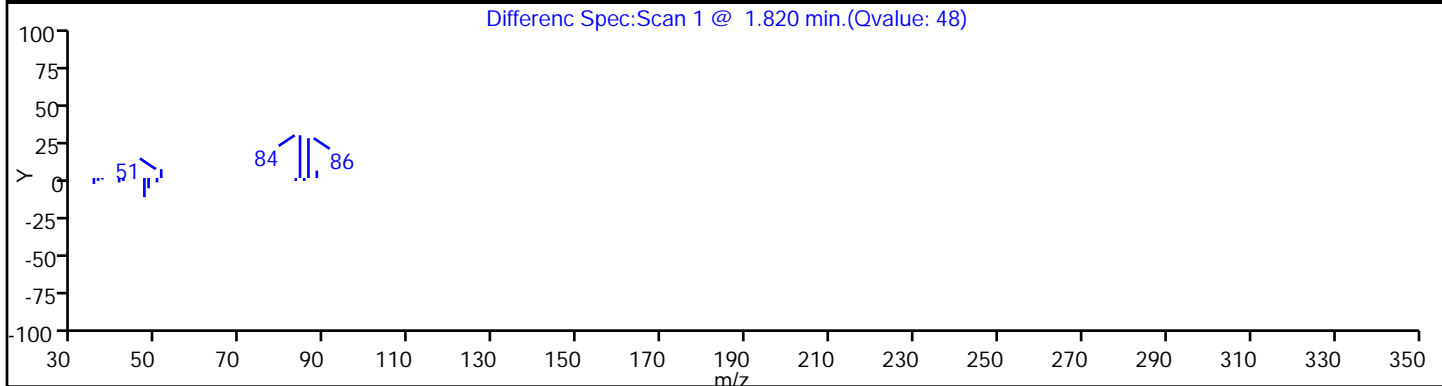
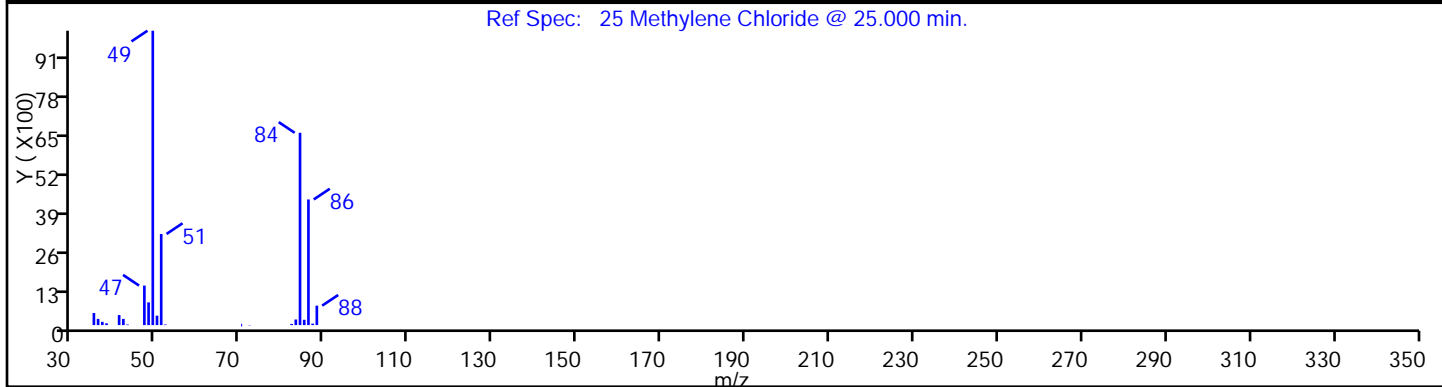
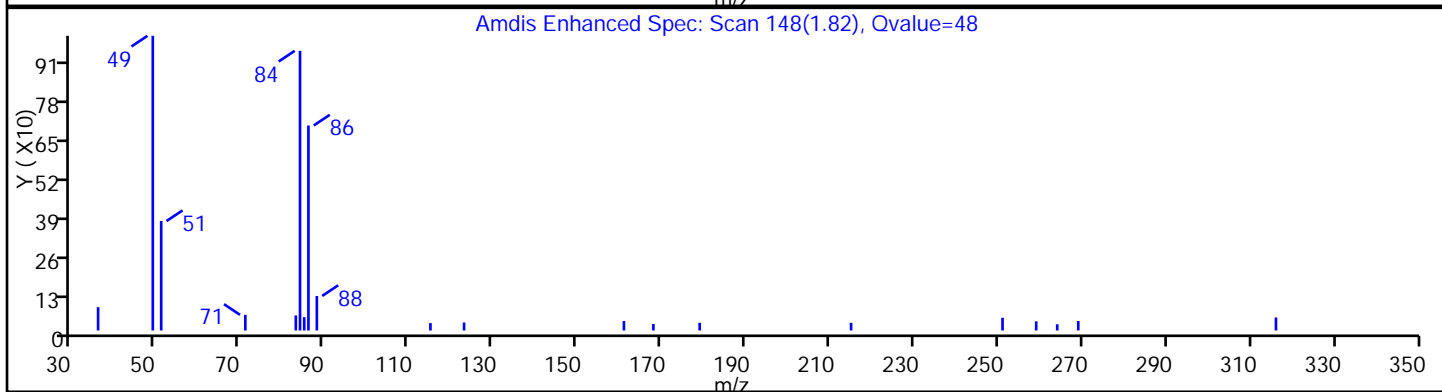
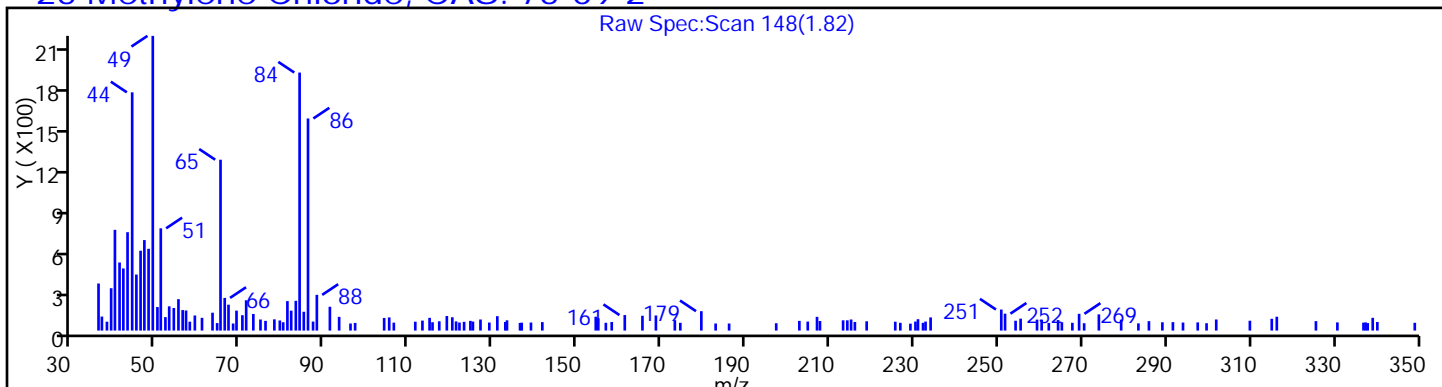
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D

Injection Date: 14-Mar-2014 03:33:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

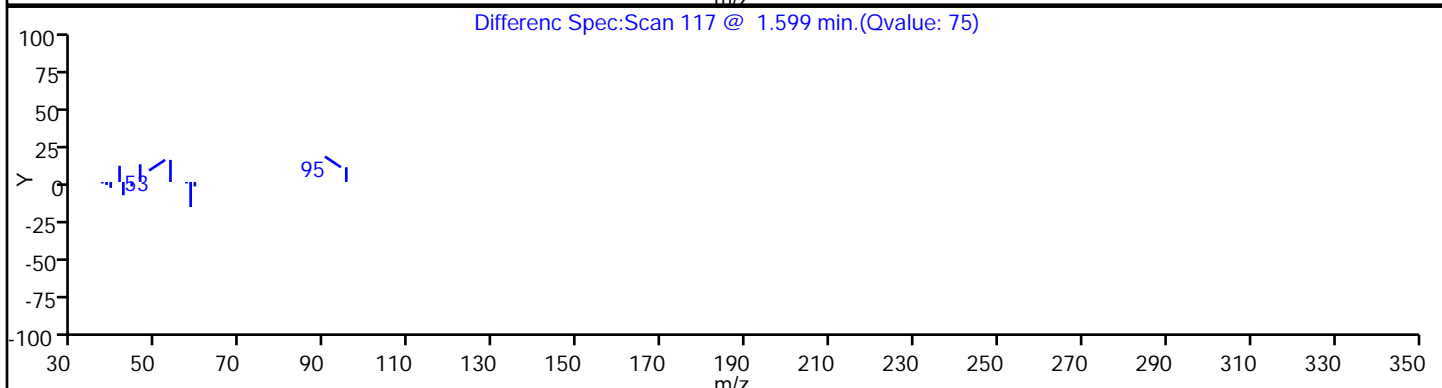
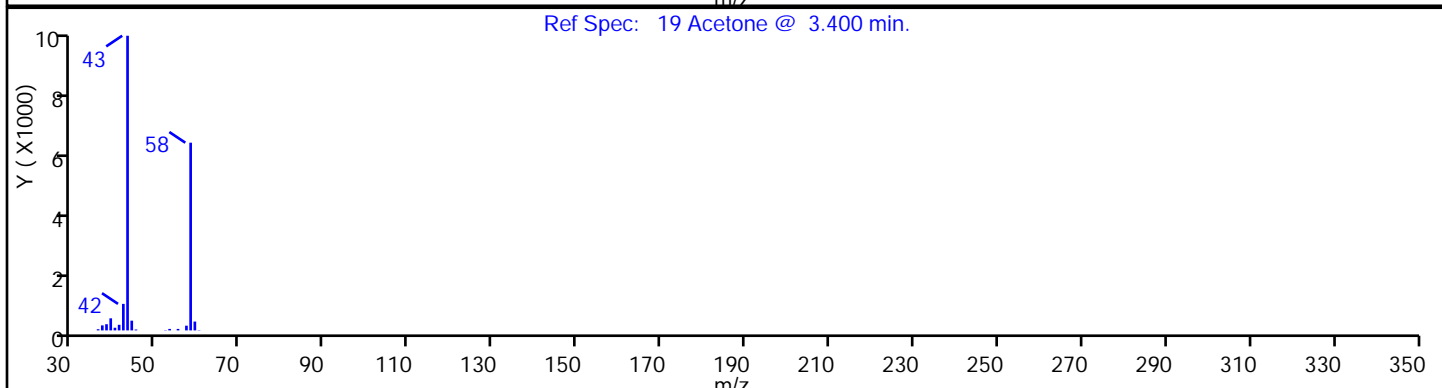
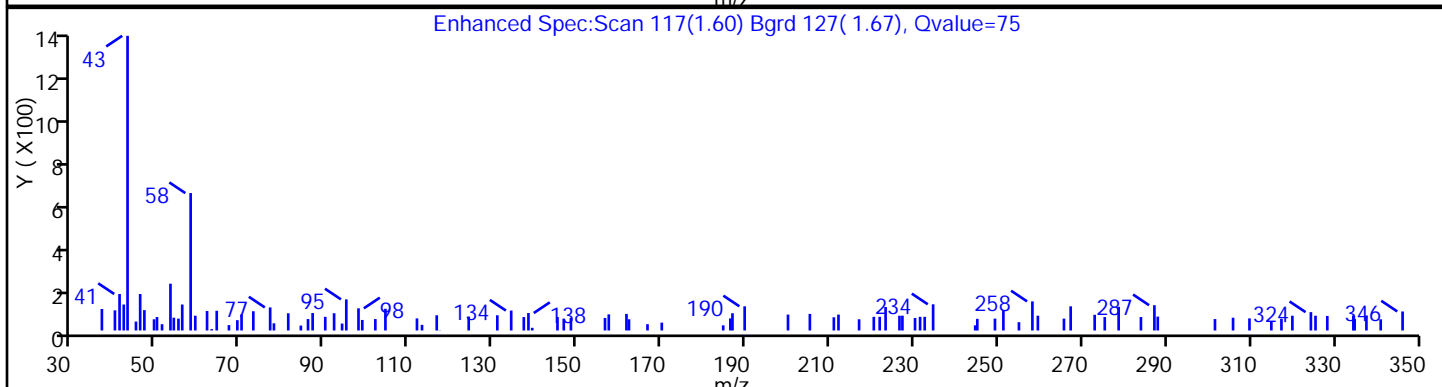
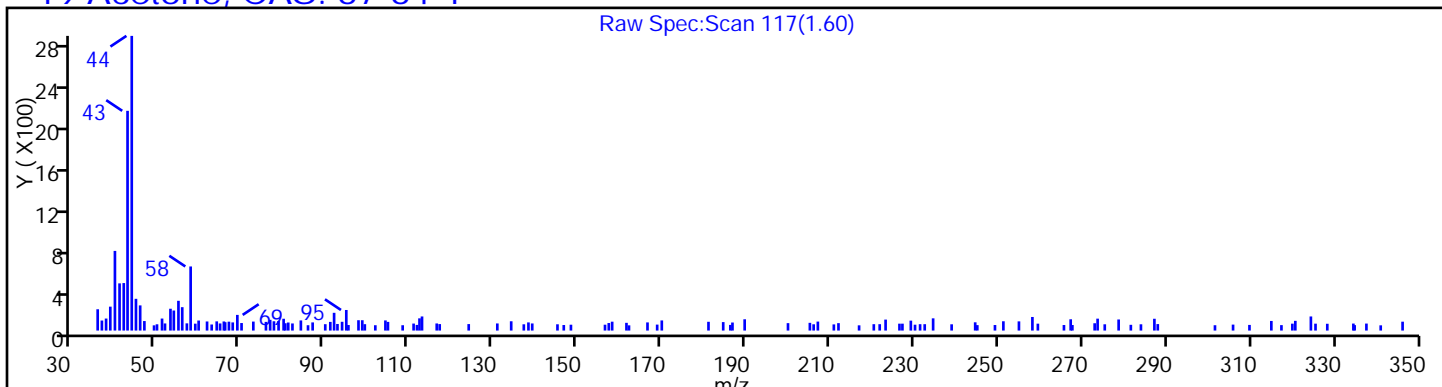
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D

Injection Date: 14-Mar-2014 03:33:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

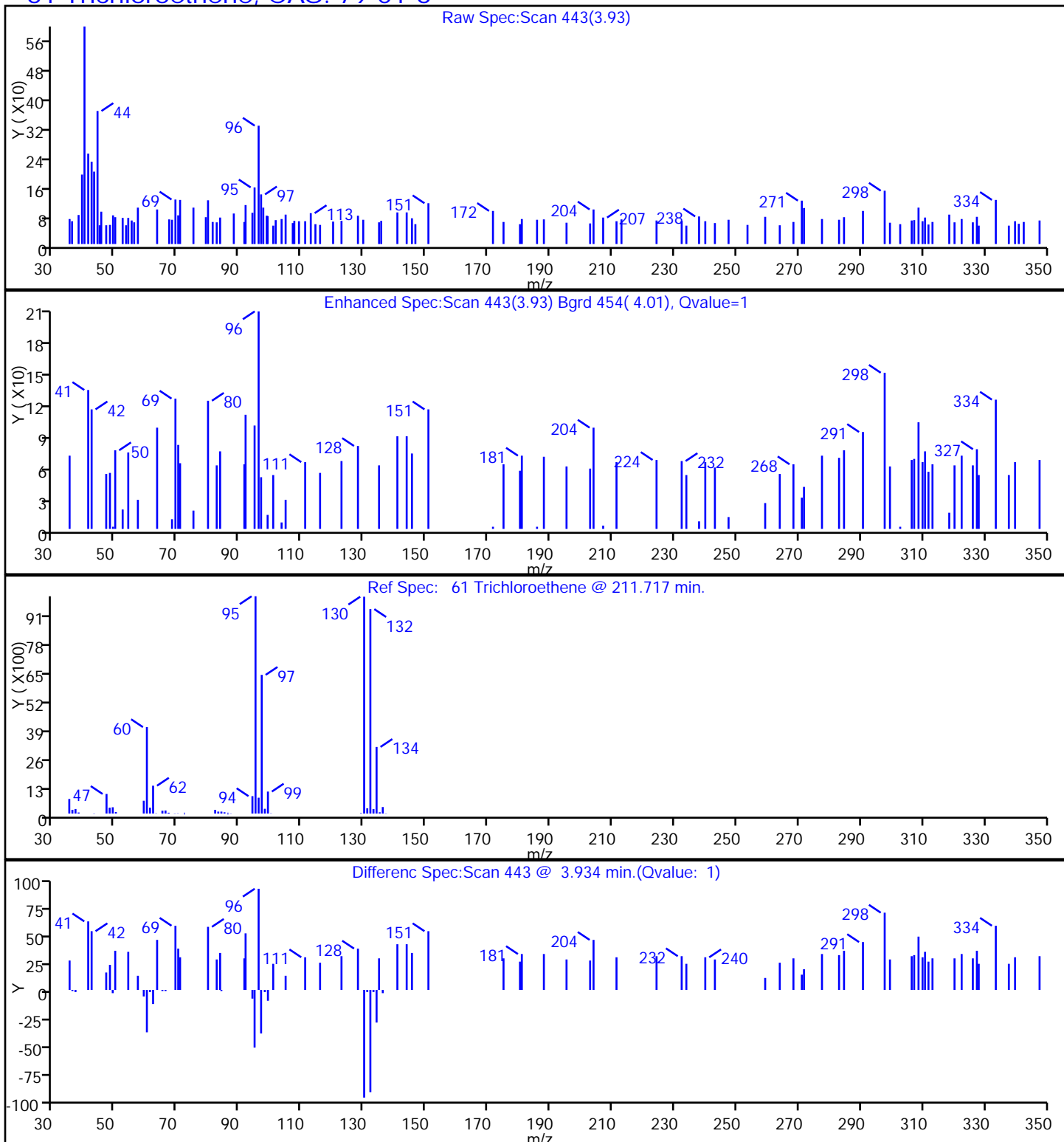
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84771.D

Injection Date: 14-Mar-2014 03:33:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

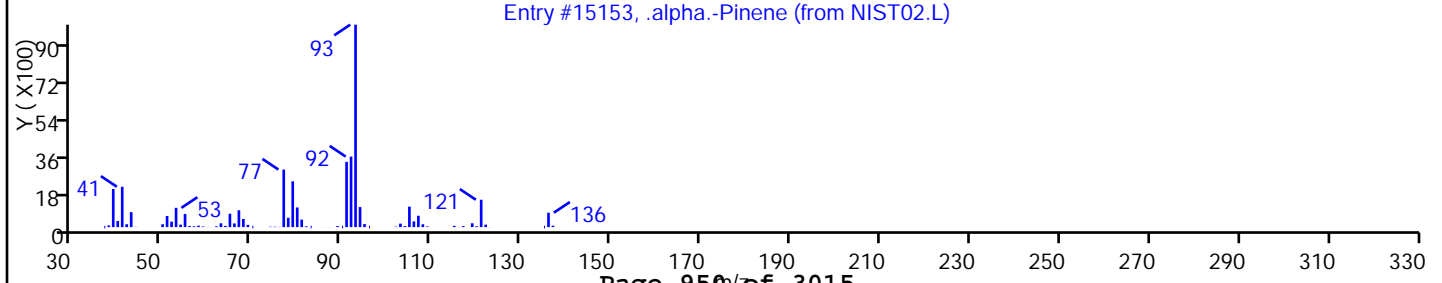
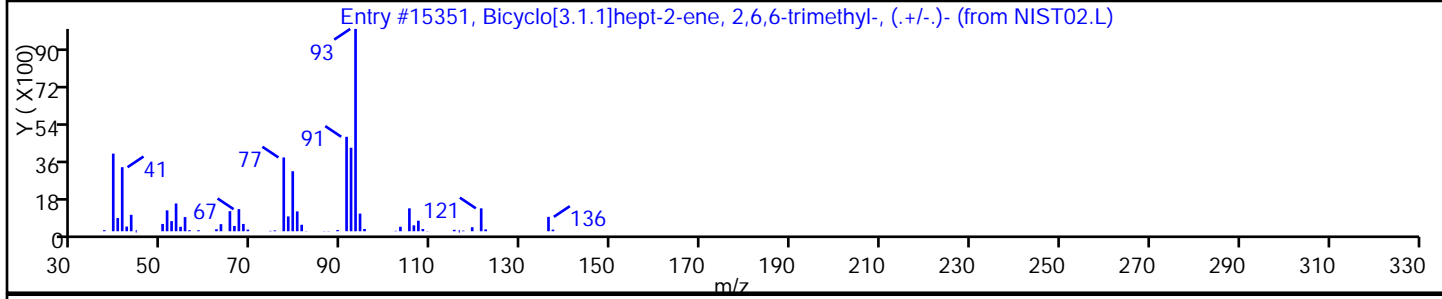
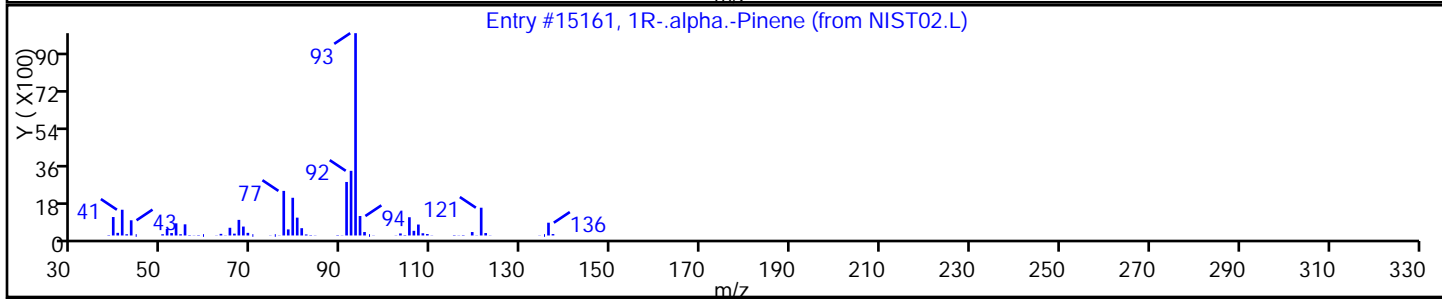
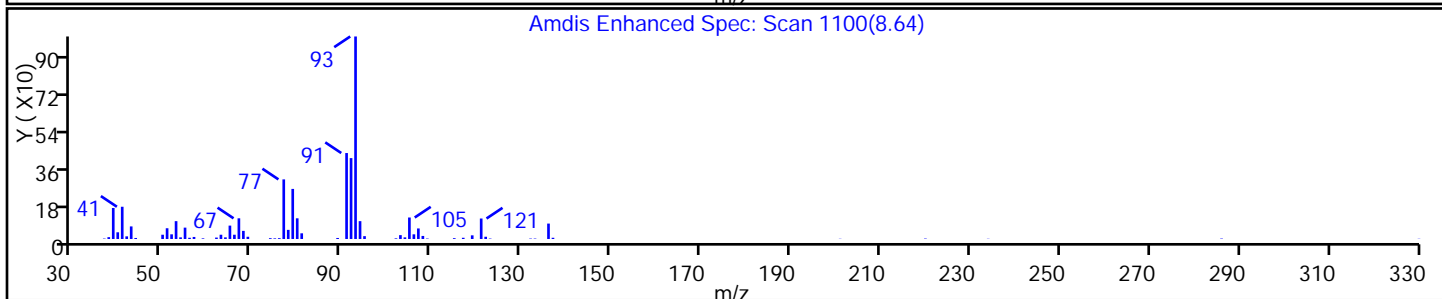
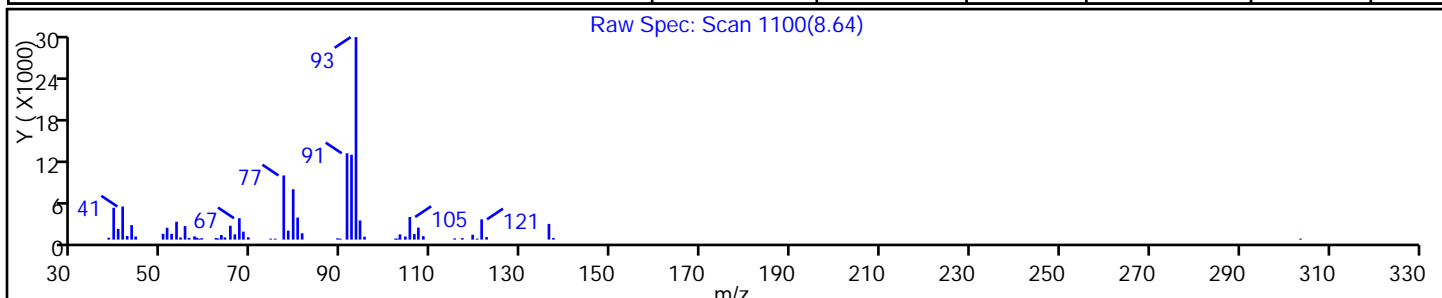
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1R-.alpha.-Pinene	7785-70-8	NIST02.L	15161	C10H16	136	97
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl	2437-95-8	NIST02.L	15351	C10H16	136	95
.alpha.-Pinene	80-56-8	NIST02.L	15153	C10H16	136	94



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: O84772.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:45
 Sample wt/vol: 5.843(g) Date Analyzed: 03/14/2014 03:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.15	U	0.91	0.15
74-83-9	Bromomethane	0.39	U	0.91	0.39
75-01-4	Vinyl chloride	0.31	U	0.91	0.31
75-00-3	Chloroethane	0.30	U	0.91	0.30
75-09-2	Methylene Chloride	1.0		0.91	0.14
67-64-1	Acetone	3.2	J B	4.6	1.5
75-15-0	Carbon disulfide	0.14	U	0.91	0.14
75-69-4	Trichlorofluoromethane	0.15	U	0.91	0.15
75-35-4	1,1-Dichloroethene	0.17	U	0.91	0.17
75-34-3	1,1-Dichloroethane	0.10	U	0.91	0.10
156-60-5	trans-1,2-Dichloroethene	0.12	U	0.91	0.12
156-59-2	cis-1,2-Dichloroethene	0.10	U	0.91	0.10
67-66-3	Chloroform	0.22	U	0.91	0.22
78-93-3	2-Butanone	0.57	U	4.6	0.57
107-06-2	1,2-Dichloroethane	0.16	U	0.91	0.16
71-55-6	1,1,1-Trichloroethane	0.12	U	0.91	0.12
56-23-5	Carbon tetrachloride	0.14	U	0.91	0.14
71-43-2	Benzene	0.14	U	0.91	0.14
75-25-2	Bromoform	0.15	U	0.91	0.15
100-42-5	Styrene	0.30	J	0.91	0.26
100-41-4	Ethylbenzene	0.15	U	0.91	0.15
108-90-7	Chlorobenzene	0.16	U	0.91	0.16
110-82-7	Cyclohexane	0.12	U	0.91	0.12
98-82-8	Isopropylbenzene	0.10	U	0.91	0.10
591-78-6	2-Hexanone	0.12	U	4.6	0.12
1634-04-4	MTBE	0.10	U	0.91	0.10
76-13-1	Freon TF	0.10	U	0.91	0.10
79-20-9	Methyl acetate	0.29	U	4.6	0.29
123-91-1	1,4-Dioxane	12	U	18	12
79-01-6	Trichloroethene	0.11	U	0.91	0.11
108-88-3	Toluene	0.13	U	0.91	0.13
10061-02-6	trans-1,3-Dichloropropene	0.091	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone	0.18	U	4.6	0.18
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.91	0.13
95-50-1	1,2-Dichlorobenzene	0.091	U	0.91	0.091
541-73-1	1,3-Dichlorobenzene	0.15	U	0.91	0.15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: O84772.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:45
 Sample wt/vol: 5.843(g) Date Analyzed: 03/14/2014 03:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.1 Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.10	U	0.91	0.10
120-82-1	1,2,4-Trichlorobenzene	0.17	U	0.91	0.17
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.91	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.91	0.14
108-87-2	Methylcyclohexane	0.091	U	0.91	0.091
127-18-4	Tetrachloroethene	0.11	U	0.91	0.11
1330-20-7	Xylenes, Total	0.61	U	1.8	0.61
96-12-8	1,2-Dibromo-3-Chloropropane	0.40	U	0.91	0.40
79-34-5	1,1,2,2-Tetrachloroethane	0.082	U	0.91	0.082
79-00-5	1,1,2-Trichloroethane	0.13	U	0.91	0.13
124-48-1	Dibromochloromethane	0.091	U	0.91	0.091
106-93-4	1,2-Dibromoethane	0.14	U	0.91	0.14
75-71-8	Dichlorodifluoromethane	0.20	U	0.91	0.20
74-97-5	Bromochloromethane	0.10	U	0.91	0.10
75-27-4	Bromodichloromethane	0.29	U	0.91	0.29

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	101		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: O84772.D
 Analysis Method: 8260B Date Collected: 03/07/2014 12:45
 Sample wt/vol: 5.843(g) Date Analyzed: 03/14/2014 03:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 6.1 Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84772.D
 Lims ID: 460-72180-A-23-A Lab Sample ID: 460-72180-23
 Client ID: PMP-32SW-VS
 Sample Type: Client
 Inject. Date: 14-Mar-2014 03:58:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-A-23-A
 Misc. Info.: 460-0010824-023
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:06:07 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:06:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	67	6771	3.50	
25 Methylene Chloride	84	1.821	1.821	0.0	61	5916	1.12	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	486833	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	165229	48.3	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.297	3.296	0.001	85	172161	48.4	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	845901	50.0	
* 150 1,4-Dioxane-d8	96	4.292	4.278	0.014	85	41446	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	755588	48.9	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	88	589747	50.0	
94 Styrene	104	8.153	8.153	0.0	89	5223	0.3339	
\$ 99 4-Bromofluorobenzene	174	8.920	8.919	0.001	84	208993	50.3	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	277157	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84772.D

Injection Date: 14-Mar-2014 03:58:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-A-23-A

Lab Sample ID: 460-72180-23

Worklist Smp#: 23

Client ID: PMP-32SW-VS

Purge Vol: 5.000 mL

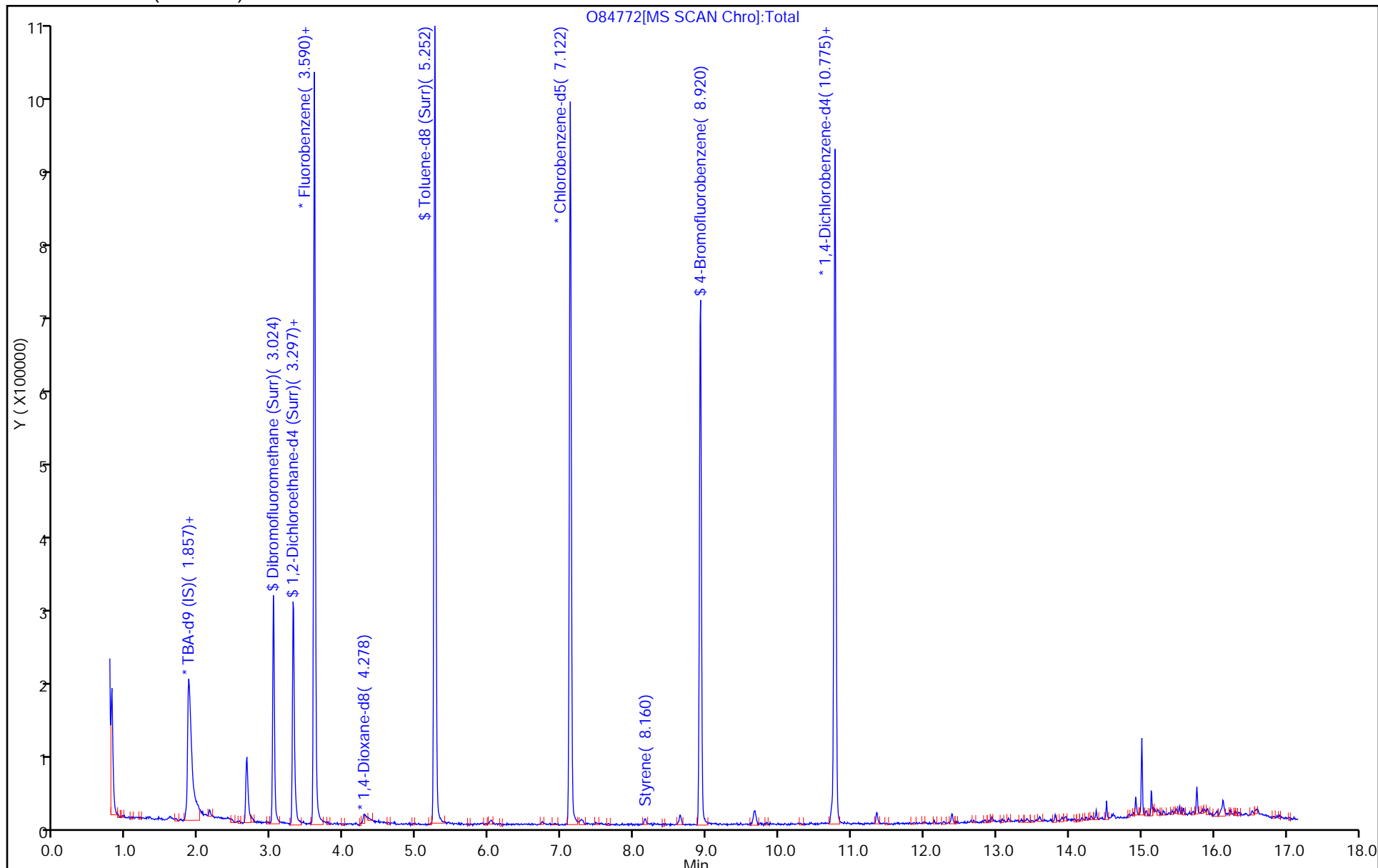
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84772.D

Injection Date: 14-Mar-2014 03:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

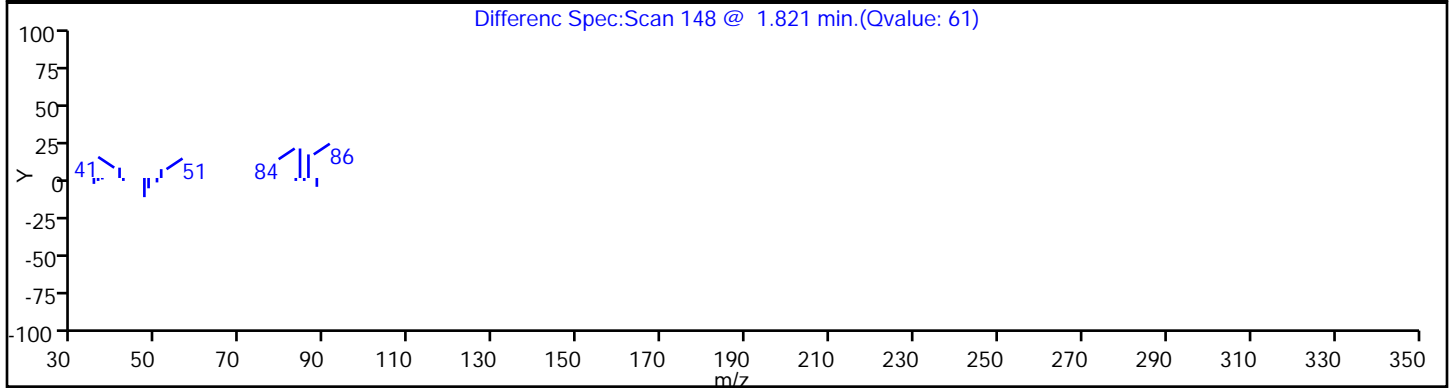
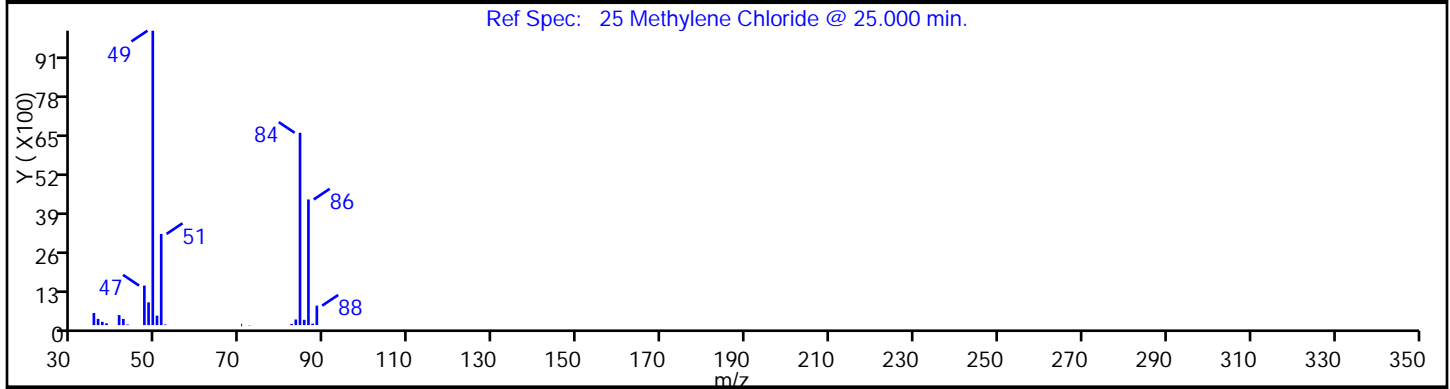
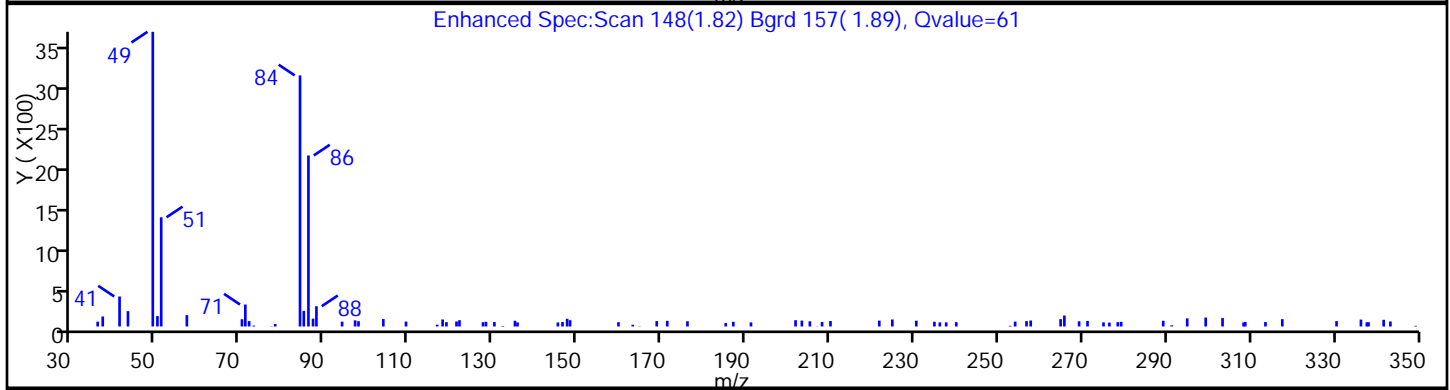
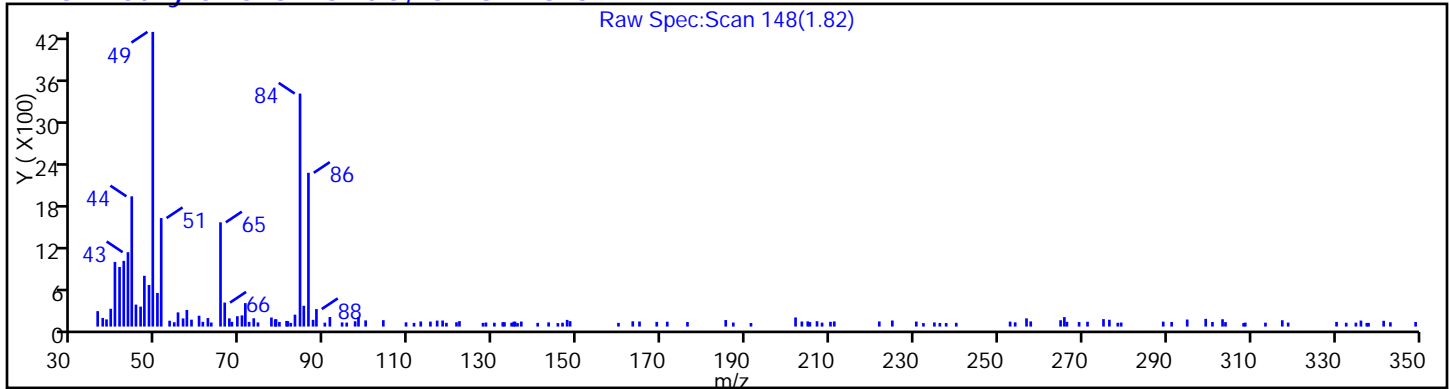
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84772.D

Injection Date: 14-Mar-2014 03:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

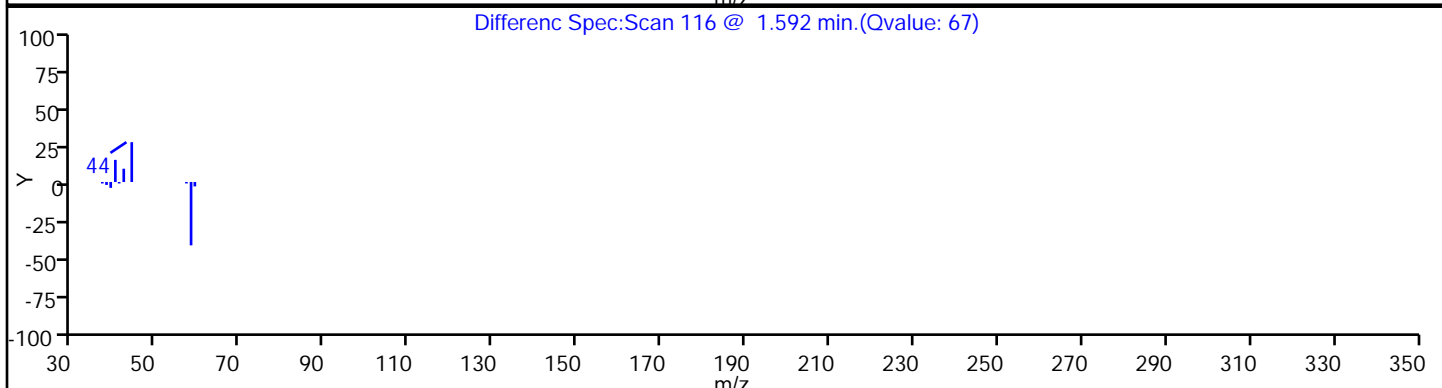
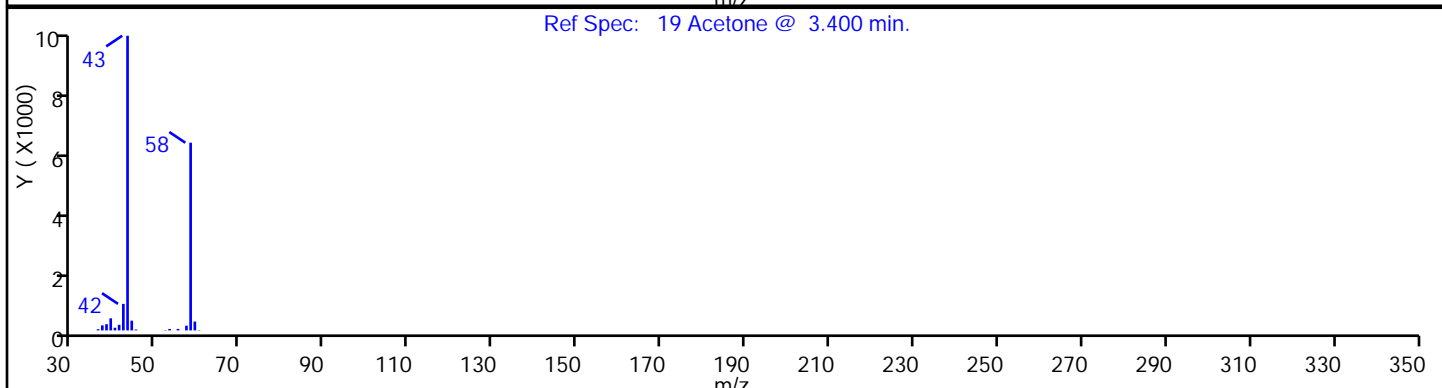
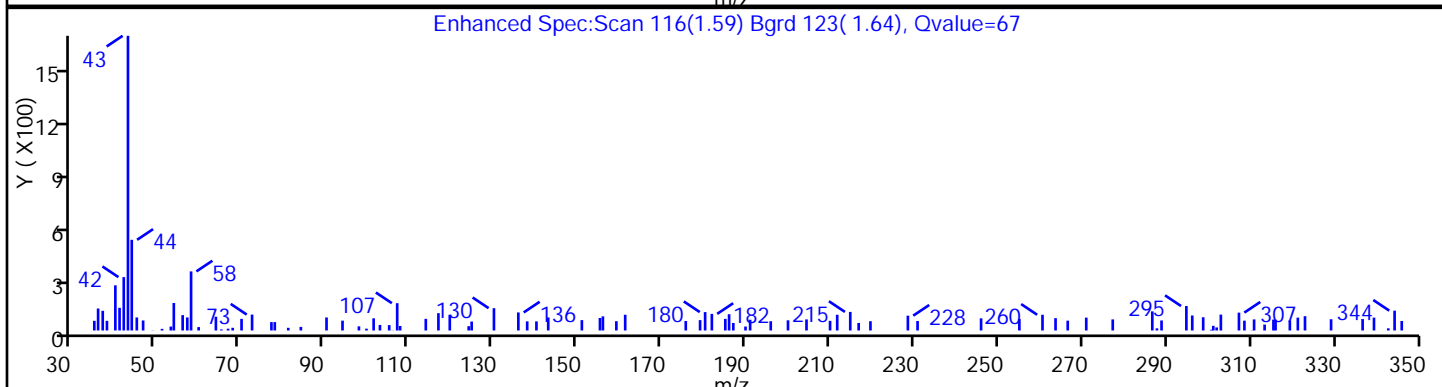
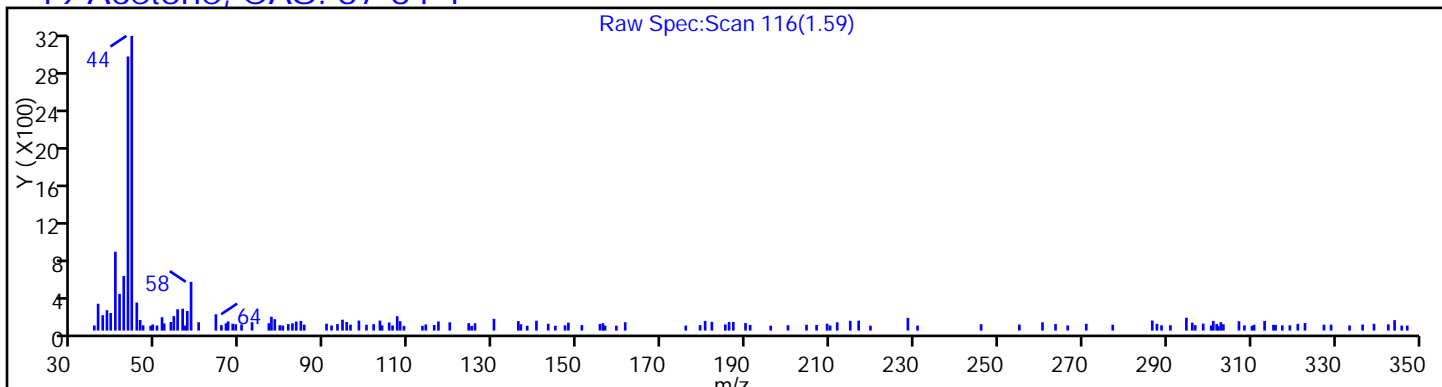
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84772.D

Injection Date: 14-Mar-2014 03:58:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-A-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID: VOA GC/MS12

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

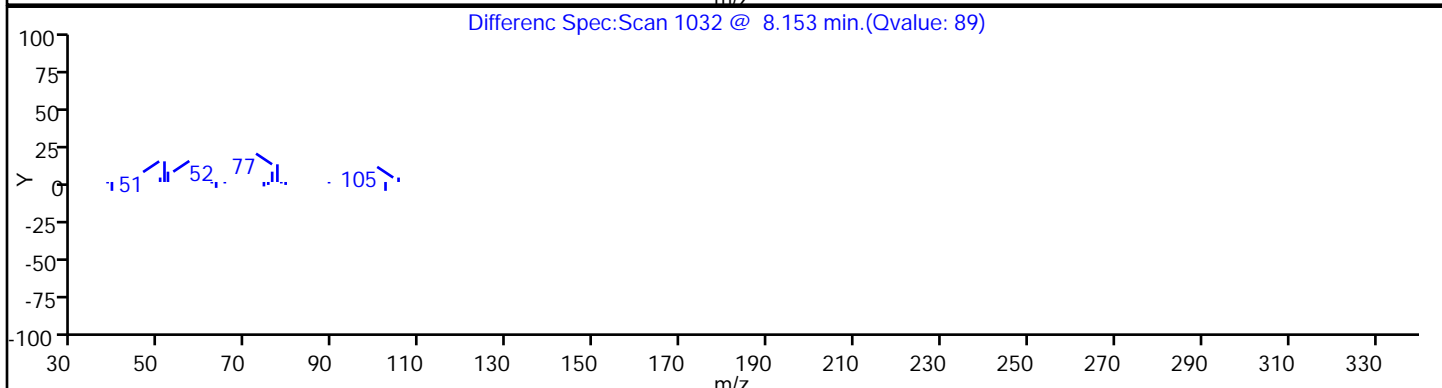
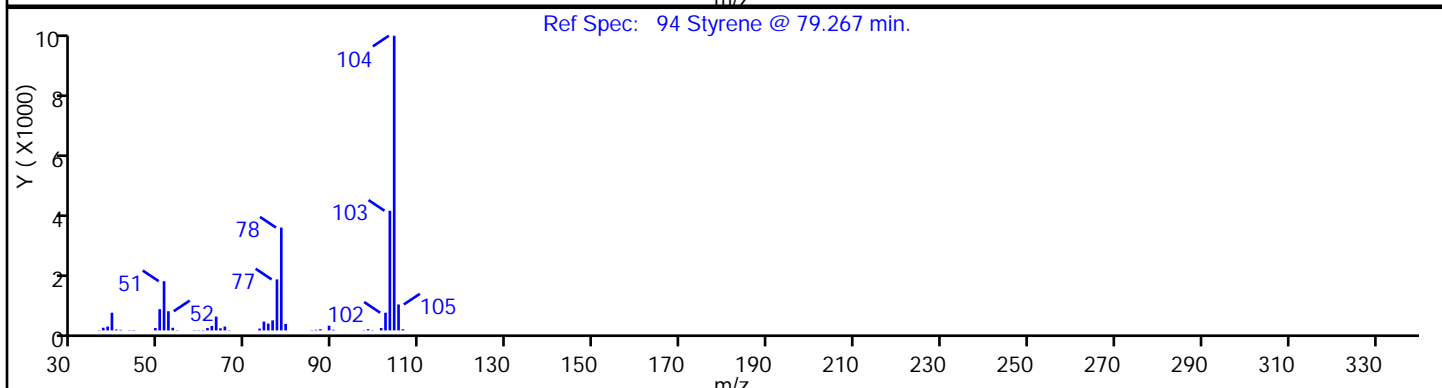
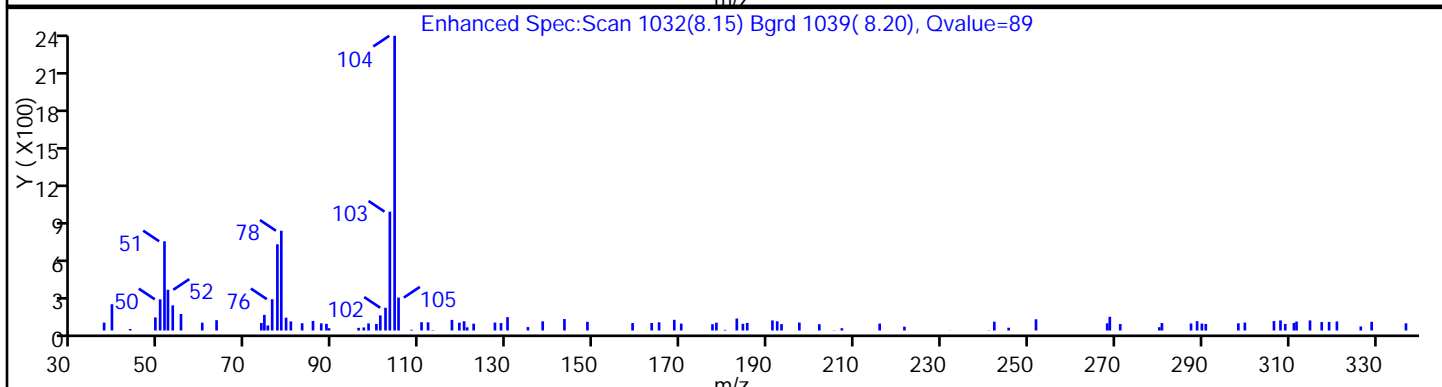
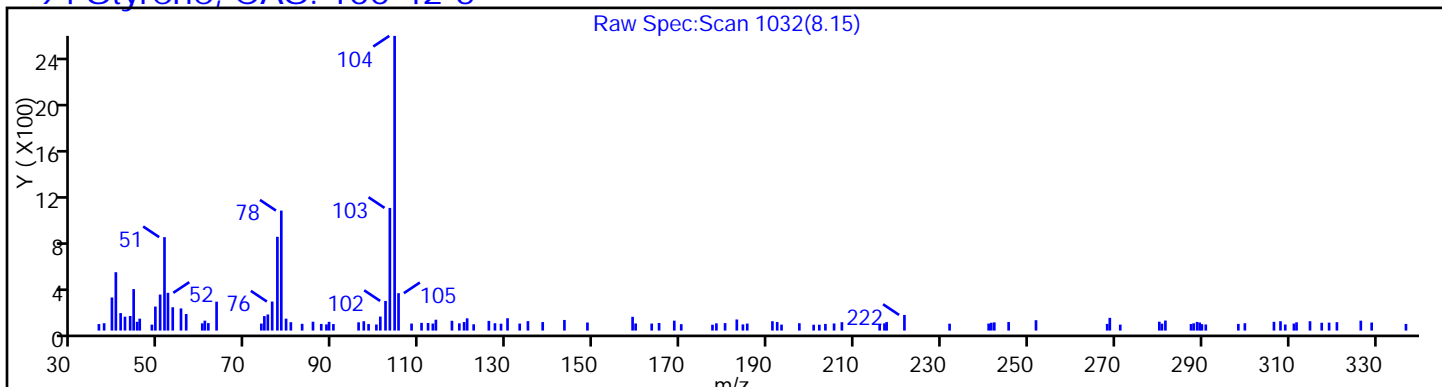
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

94 Styrene, CAS: 100-42-5



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: J09985.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 7.355(g) Date Analyzed: 03/14/2014 06:47
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: 7.3 Level: (low/med) Medium
 Analysis Batch No.: 212509 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	7.1	U	73	7.1
74-83-9	Bromomethane	13	U	73	13
75-01-4	Vinyl chloride	11	U	73	11
75-00-3	Chloroethane	12	U	73	12
75-09-2	Methylene Chloride	13	U	73	13
67-64-1	Acetone	200	U	370	200
75-15-0	Carbon disulfide	9.2	U	73	9.2
75-69-4	Trichlorofluoromethane	11	U	73	11
75-35-4	1,1-Dichloroethene	6.5	U	73	6.5
75-34-3	1,1-Dichloroethane	9.6	U	73	9.6
156-60-5	trans-1,2-Dichloroethene	9.4	U	73	9.4
156-59-2	cis-1,2-Dichloroethene	13	U	73	13
67-66-3	Chloroform	5.8	U	73	5.8
78-93-3	2-Butanone	170	U	370	170
107-06-2	1,2-Dichloroethane	14	U	73	14
71-55-6	1,1,1-Trichloroethane	4.6	U	73	4.6
56-23-5	Carbon tetrachloride	4.2	U	73	4.2
71-43-2	Benzene	6.1	U	73	6.1
75-25-2	Bromoform	14	U	73	14
100-42-5	Styrene	8.7	U	73	8.7
100-41-4	Ethylbenzene	840		73	7.0
108-90-7	Chlorobenzene	48	J	73	8.1
110-82-7	Cyclohexane	12	U	73	12
98-82-8	Isopropylbenzene	1500		73	5.6
591-78-6	2-Hexanone	37	U *	370	37
1634-04-4	MTBE	10	U	73	10
76-13-1	Freon TF	6.0	U	73	6.0
79-20-9	Methyl acetate	25	U	370	25
123-91-1	1,4-Dioxane	2600	U	3700	2600
79-01-6	Trichloroethene	6.7	U	73	6.7
108-88-3	Toluene	19	J	73	11
10061-02-6	trans-1,3-Dichloropropene	18	U	73	18
108-10-1	4-Methyl-2-pentanone	72	U	370	72
10061-01-5	cis-1,3-Dichloropropene	13	U	73	13
95-50-1	1,2-Dichlorobenzene	260		73	15
541-73-1	1,3-Dichlorobenzene	86		73	9.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: J09985.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 7.355(g) Date Analyzed: 03/14/2014 06:47
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: 7.3 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	1200		73	17
120-82-1	1,2,4-Trichlorobenzene	190		73	25
87-61-6	1,2,3-Trichlorobenzene	170		73	38
78-87-5	1,2-Dichloropropane	6.3	U	73	6.3
108-87-2	Methylcyclohexane	3700		73	9.9
127-18-4	Tetrachloroethene	7.1	U	73	7.1
1330-20-7	Xylenes, Total	8500		150	26
96-12-8	1,2-Dibromo-3-Chloropropane	29	U	73	29
79-34-5	1,1,2,2-Tetrachloroethane	12	U	73	12
79-00-5	1,1,2-Trichloroethane	14	U	73	14
124-48-1	Dibromochloromethane	15	U	73	15
106-93-4	1,2-Dibromoethane	20	U	73	20
75-71-8	Dichlorodifluoromethane	16	U	73	16
74-97-5	Bromochloromethane	20	U	73	20
75-27-4	Bromodichloromethane	9.2	U	73	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		75-135
2037-26-5	Toluene-d8 (Surr)	87		59-150
460-00-4	Bromofluorobenzene	88		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: J09985.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 7.355(g) Date Analyzed: 03/14/2014 06:47
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 10 (mL) GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: 7.3 Level: (low/med) Medium
 Analysis Batch No.: 212509 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 139400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
611-14-3	Benzene, 1-ethyl-2-methyl-	10.35	12000	J N
108-67-8	Benzene, 1,3,5-trimethyl-	10.41	10000	J N
95-63-6	Benzene, 1,2,4-trimethyl-	10.69	28000	J N
1074-43-7	Benzene, 1-methyl-3-propyl-	11.12	18000	J N
141-93-5	Benzene, 1,3-diethyl-	11.16	16000	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.40	9000	J N
934-10-1	3-Phenylbut-1-ene	11.48	11000	J N
23747-48-0	5H-5-Methyl-6,7-dihydrocyclopentapyrazin	11.92	18000	J N
91-57-6	Naphthalene, 2-methyl-	13.17	9100	J N
90-12-0	Naphthalene, 1-methyl-	13.34	8300	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D
 Lims ID: 460-72180-C-24-A Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 14-Mar-2014 06:47:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-24-A
 Misc. Info.: 460-0010838-024
 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 08:24:01 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 08:24:00

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.203	3.176	0.027	45	494522	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	4.731	4.727	0.004	95	193993	42.4	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.080	0.003	94	271958	43.5	
* 59 Fluorobenzene	96	5.353	5.356	-0.003	97	831418	50.0	
63 Methylcyclohexane	83	5.823	5.832	-0.009	89	247472	50.0	
* 150 1,4-Dioxane-d8	96	6.064	6.055	0.009	86	55313	1000.0	
\$ 76 Toluene-d8 (Surr)	98	7.022	7.024	-0.002	96	747345	43.6	
77 Toluene	91	7.104	7.101	0.003	21	4133	0.2634	
* 87 Chlorobenzene-d5	117	8.814	8.816	-0.002	85	699016	50.0	
88 Chlorobenzene	112	8.855	8.852	0.003	62	6919	0.6522	
89 Ethylbenzene	106	8.955	8.957	-0.002	98	61652	11.4	
91 m-Xylene & p-Xylene	106	9.114	9.110	0.004	96	783039	114.8	
92 o-Xylene	106	9.560	9.557	0.003	76	6663	0.99	
98 Isopropylbenzene	105	9.901	9.903	-0.002	93	297296	20.1	
\$ 99 4-Bromofluorobenzene	174	10.083	10.085	-0.002	84	262833	43.9	
115 1,3-Dichlorobenzene	146	10.906	10.908	-0.002	34	10577	1.17	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.961	-0.002	96	430864	50.0	
117 1,4-Dichlorobenzene	146	10.976	10.973	0.003	62	156600	16.6	
121 1,2-Dichlorobenzene	146	11.223	11.219	0.004	79	32220	3.49	
124 1,2,4-Trichlorobenzene	180	12.192	12.195	-0.003	1	15536	2.65	
128 1,2,3-Trichlorobenzene	180	12.527	12.524	0.003	3	12385	2.30	
S 131 Xylenes, Total	100				0		115.8	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D
 Lims ID: 460-72180-C-24-A Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 14-Mar-2014 06:47:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: 460-72180-C-24-A
 Misc. Info.: 460-0010838-024
 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 08:24:01 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 08:24:00

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
10.353	611-14-3 Benzene, 1-ethyl-2-methyl- 8782464	166.0	116	95	9130	C9H12	120	
10.406	108-67-8 Benzene, 1,3,5-trimethyl- 7184861	135.8	116	97	9121	C9H12	120	
10.694	95-63-6 Benzene, 1,2,4-trimethyl- 19902584	376.1	116	95	9111	C9H12	120	I
11.117	1074-43-7 Benzene, 1-methyl-3-propyl- 12719843	240.4	116	46	14343	C10H14	134	
11.158	141-93-5 Benzene, 1,3-diethyl- 11277610	213.1	116	96	14331	C10H14	134	
11.399	874-41-9 Benzene, 1-ethyl-2,4-dimethyl- 6474038	122.3	116	95	14380	C10H14	134	
11.476	934-10-1 3-Phenylbut-1-ene 7698217	145.5	116	46	13568	C10H12	132	
11.922	23747-48-0 5H-5-Methyl-6,7-dihydrocyclopentapyrazin 12944034	244.6	116	70	14712	C8H10N2	134	
13.174	91-57-6 Naphthalene, 2-methyl- 6569034	124.1	116	96	18501	C11H10	142	I
13.338	90-12-0 Naphthalene, 1-methyl- 5969322	112.8	116	96	18499	C11H10	142	I

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.959	2645770	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Worklist Smp#: 24

Client ID: DUP_030714

Purge Vol: 5.000 mL

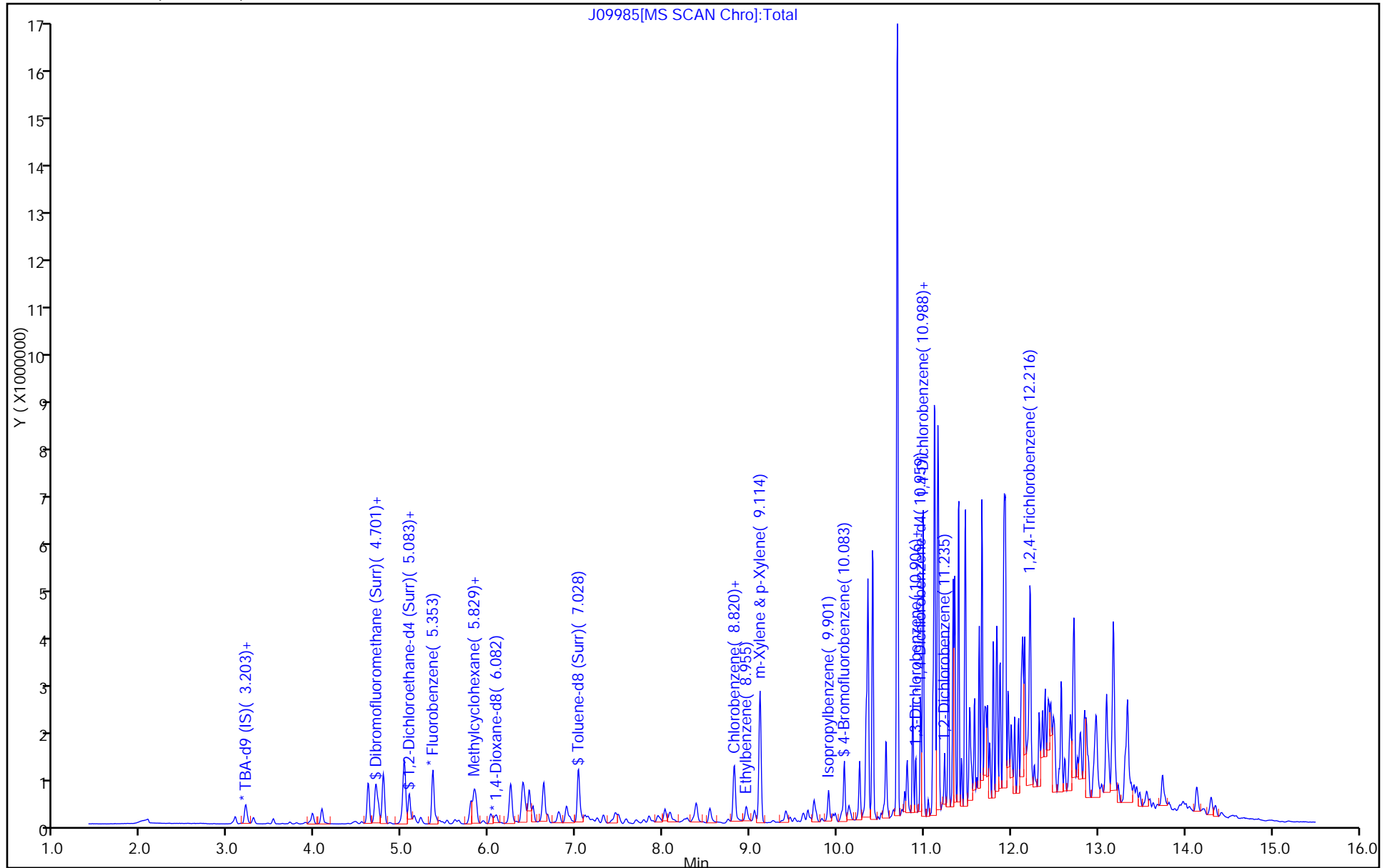
Dil. Factor: 50.0000

ALS Bottle#: 23

Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

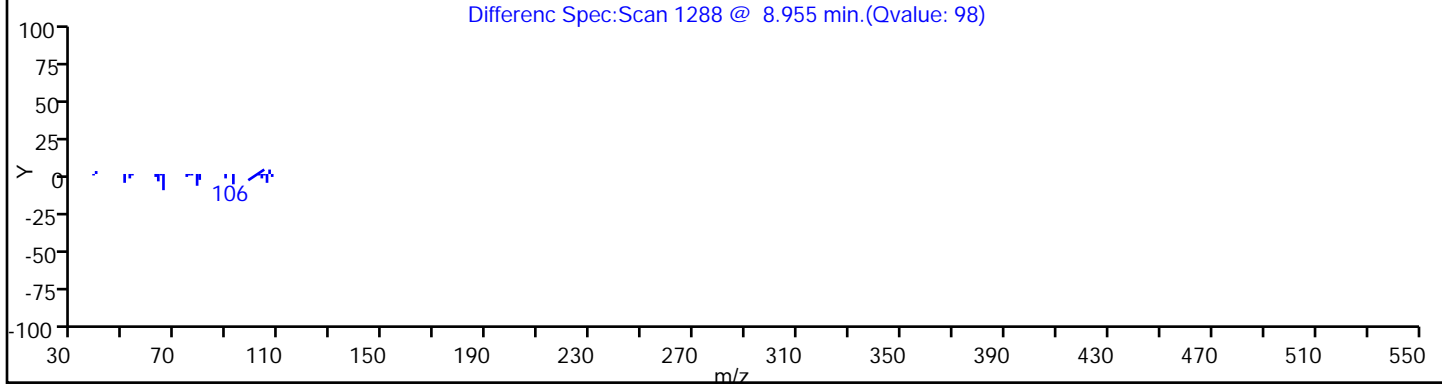
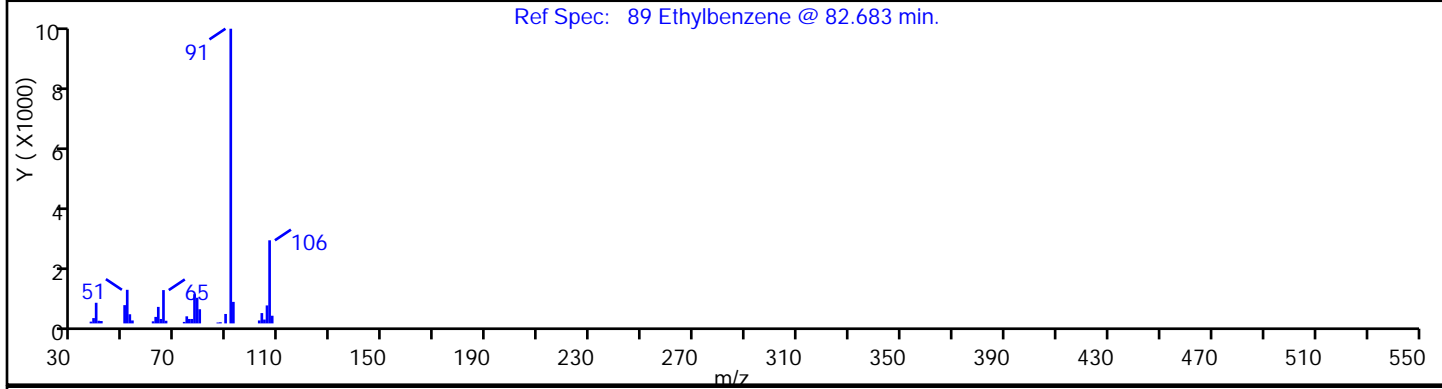
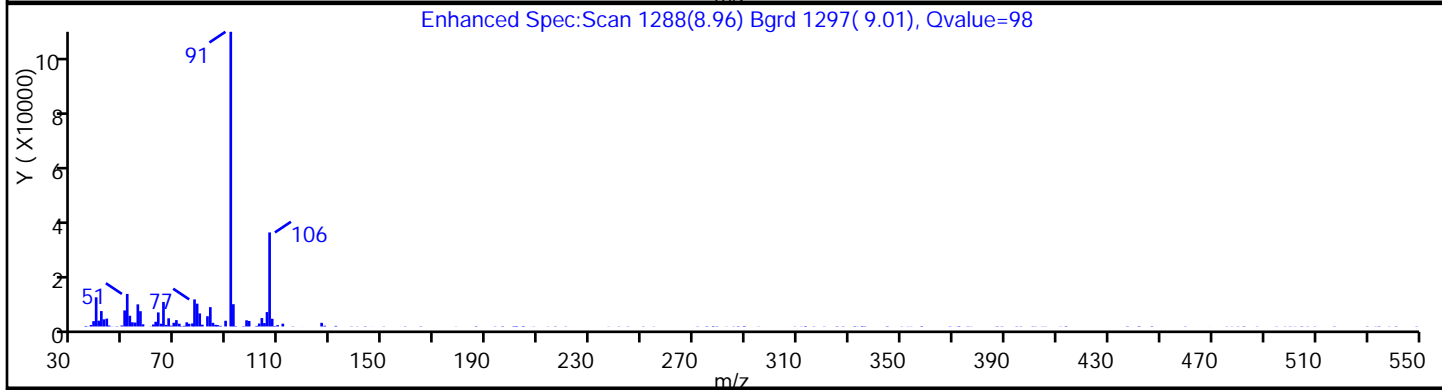
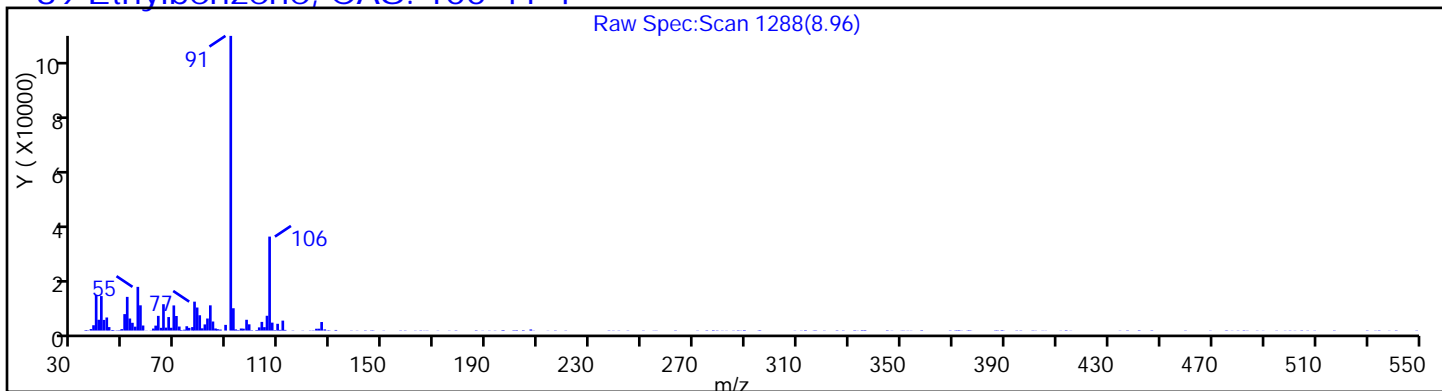
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

89 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

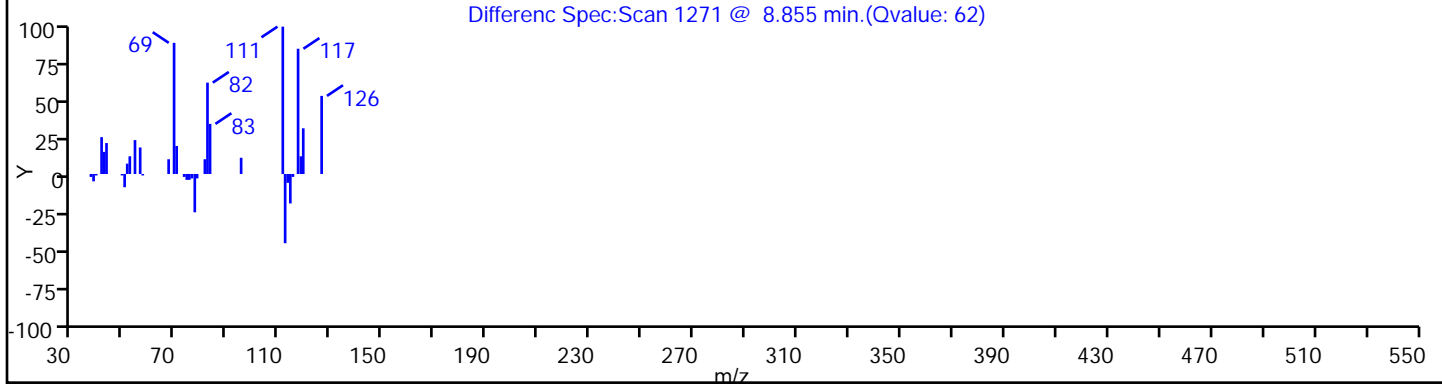
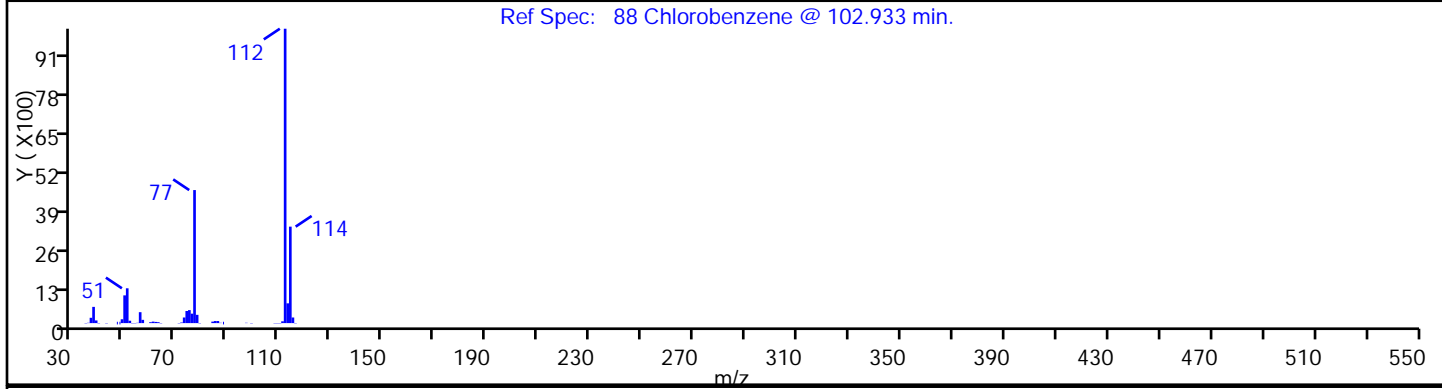
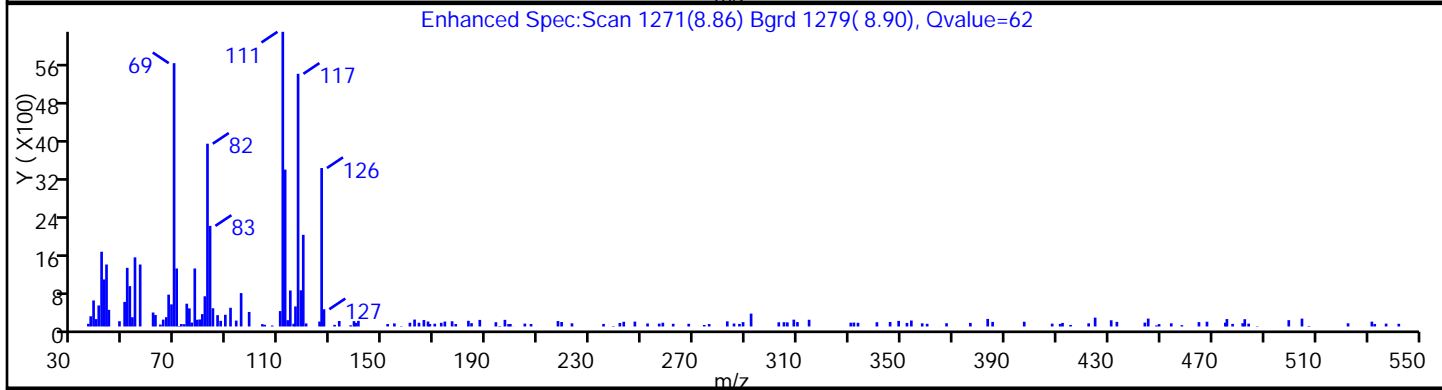
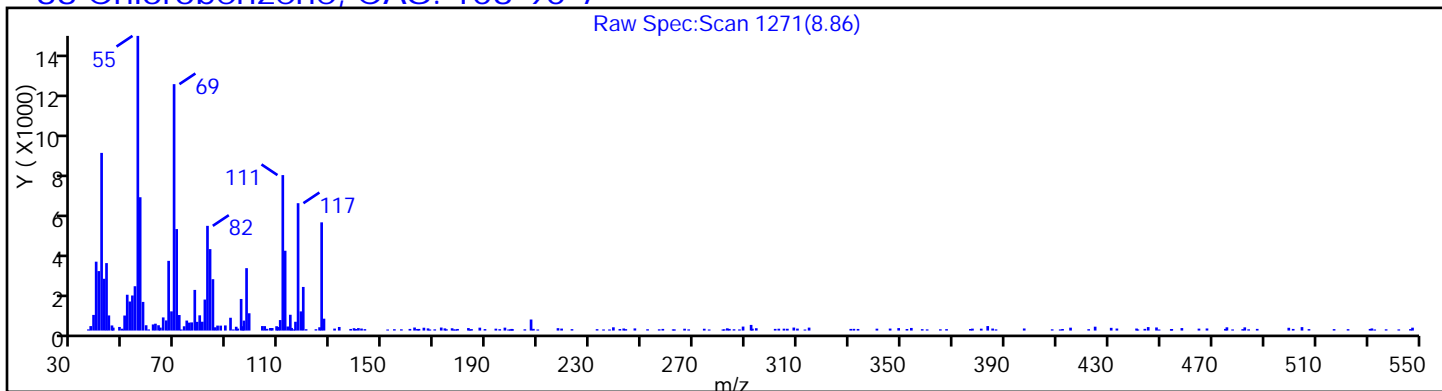
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

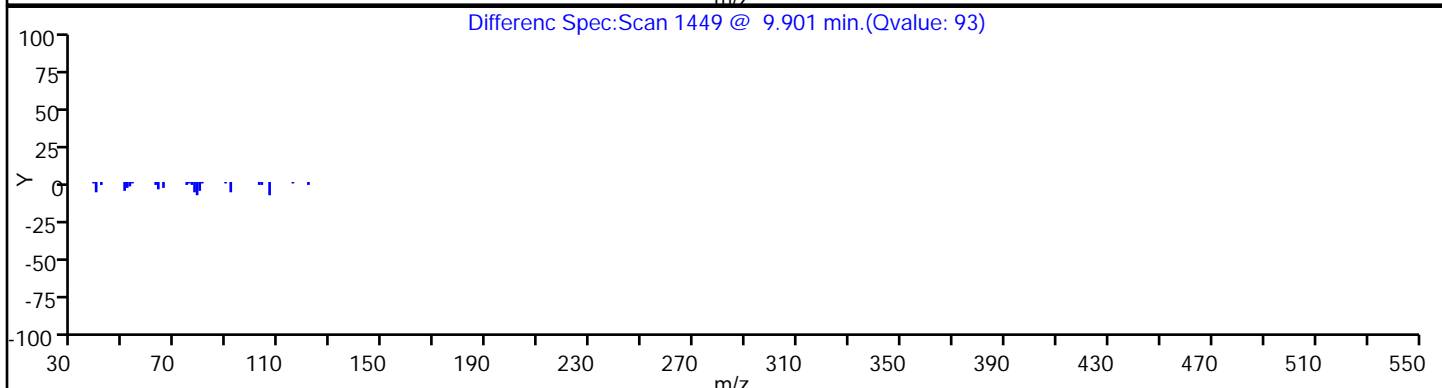
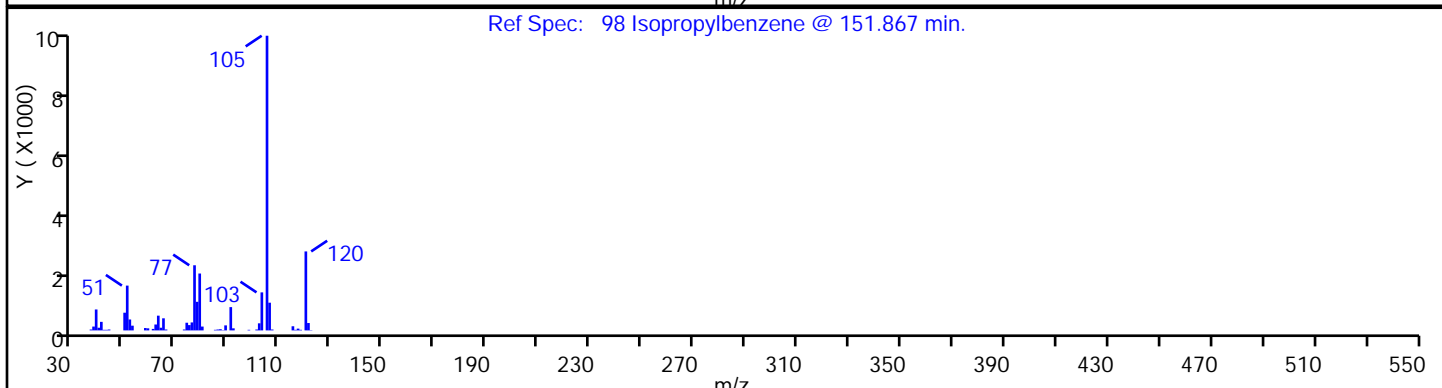
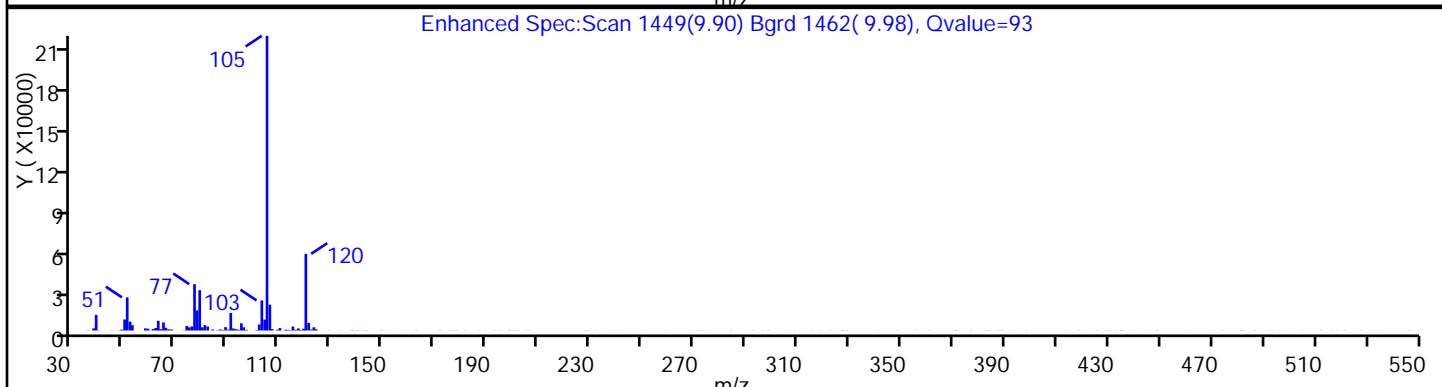
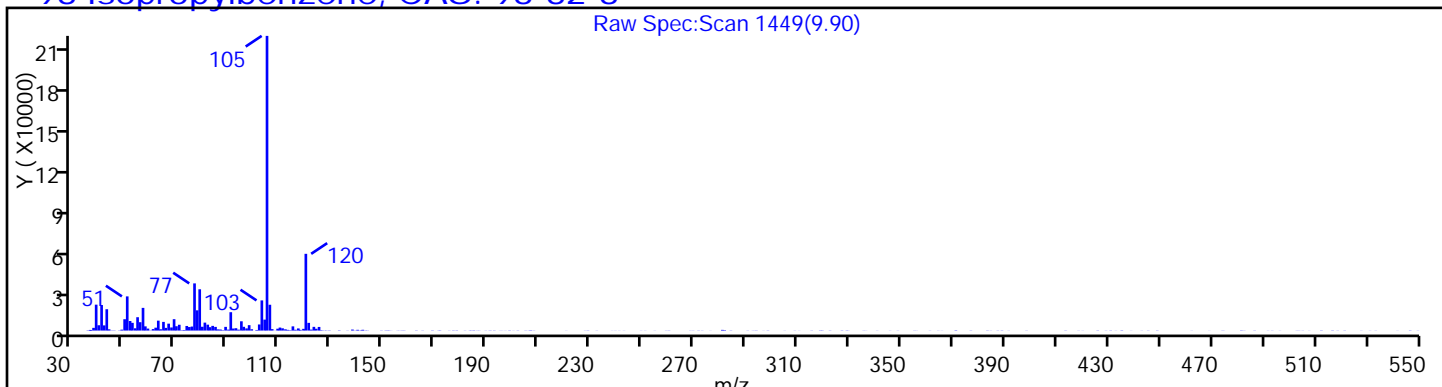
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

98 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

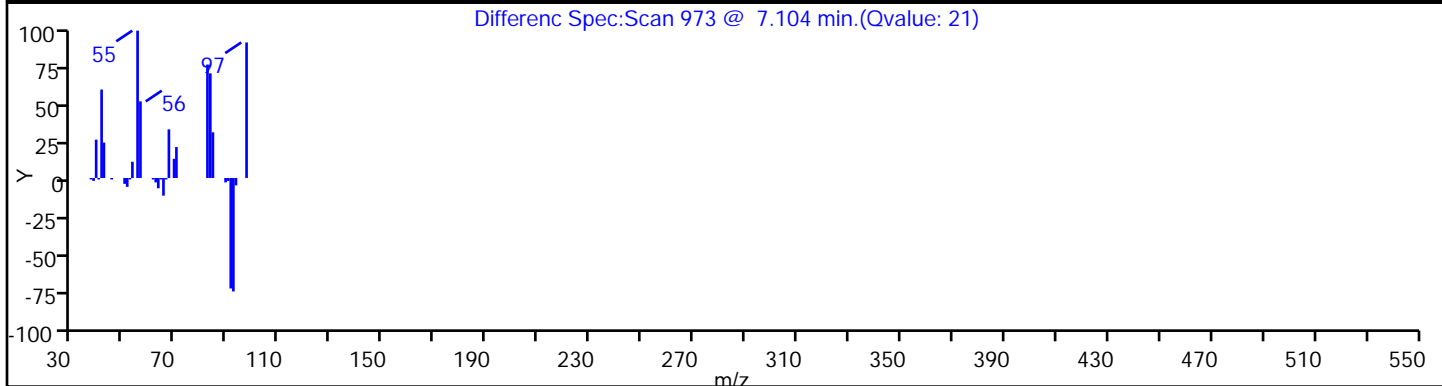
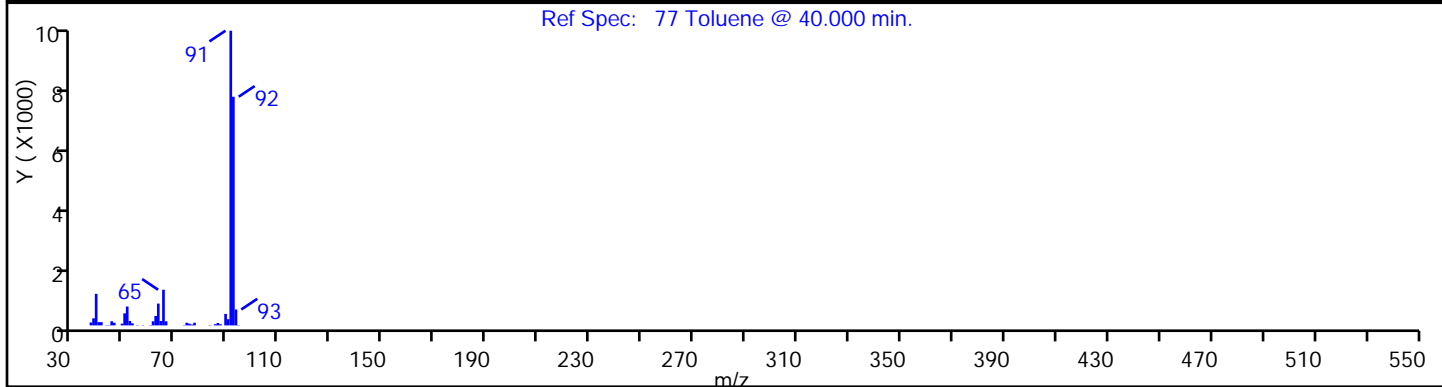
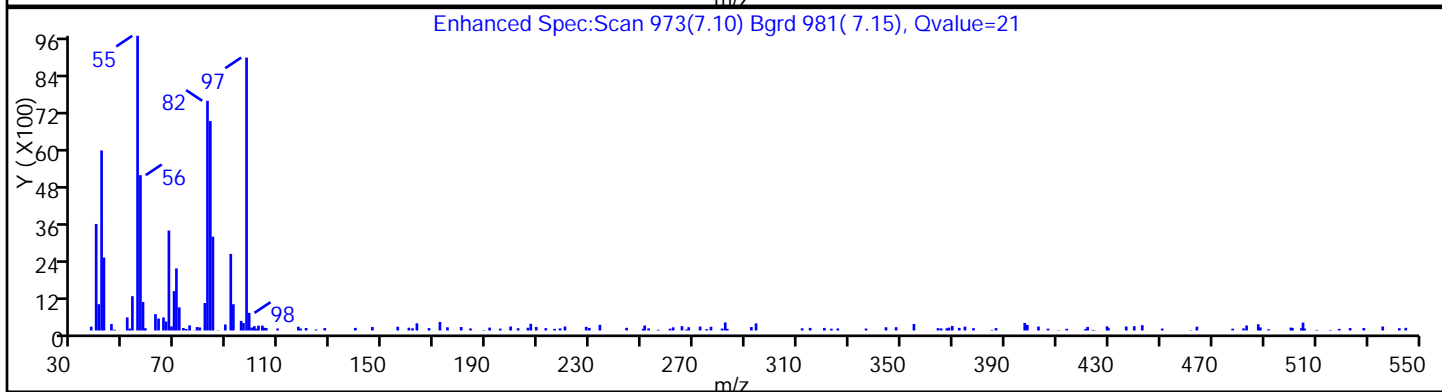
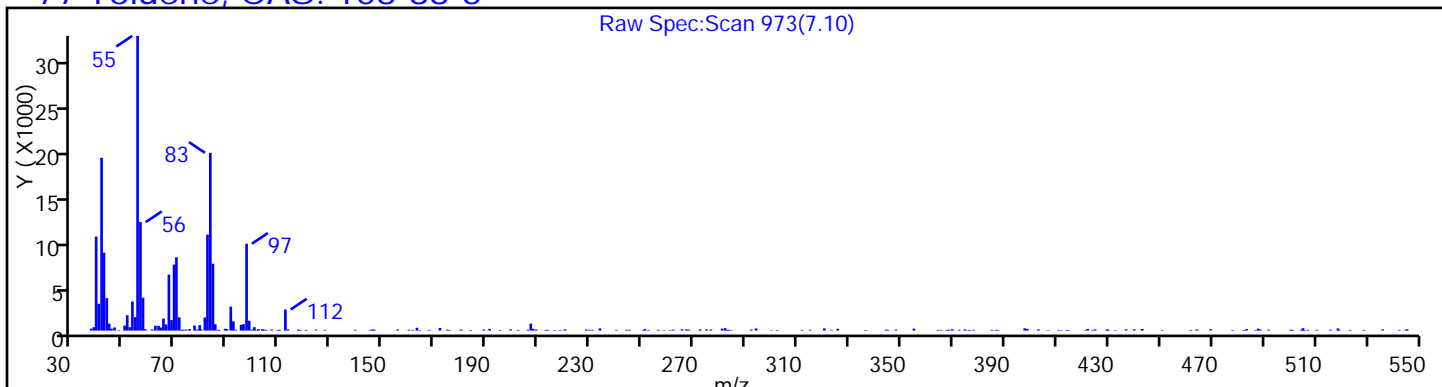
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

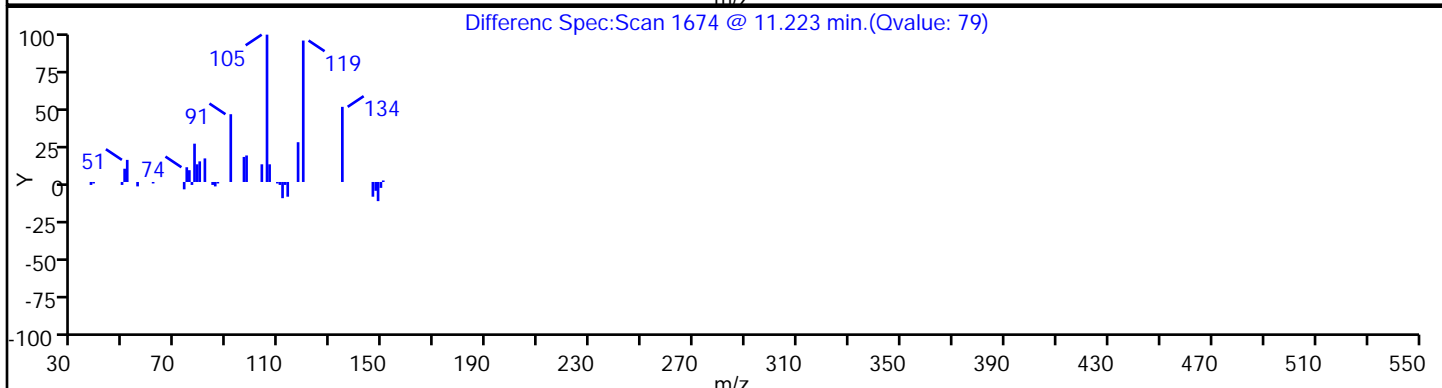
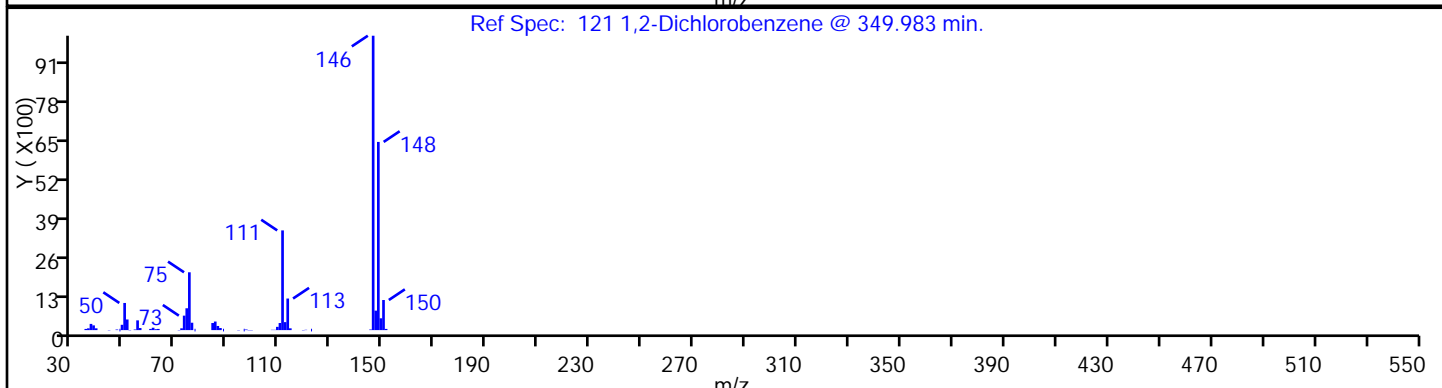
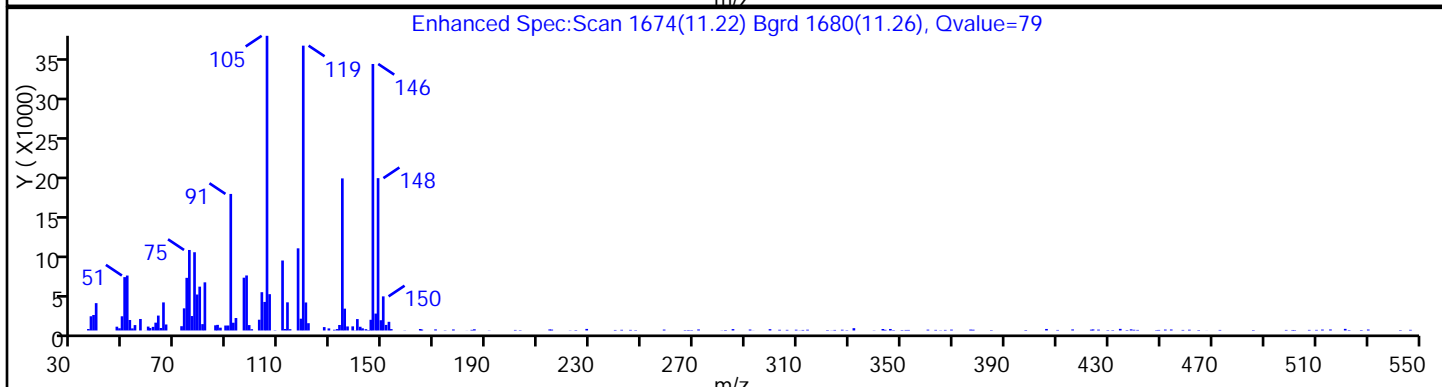
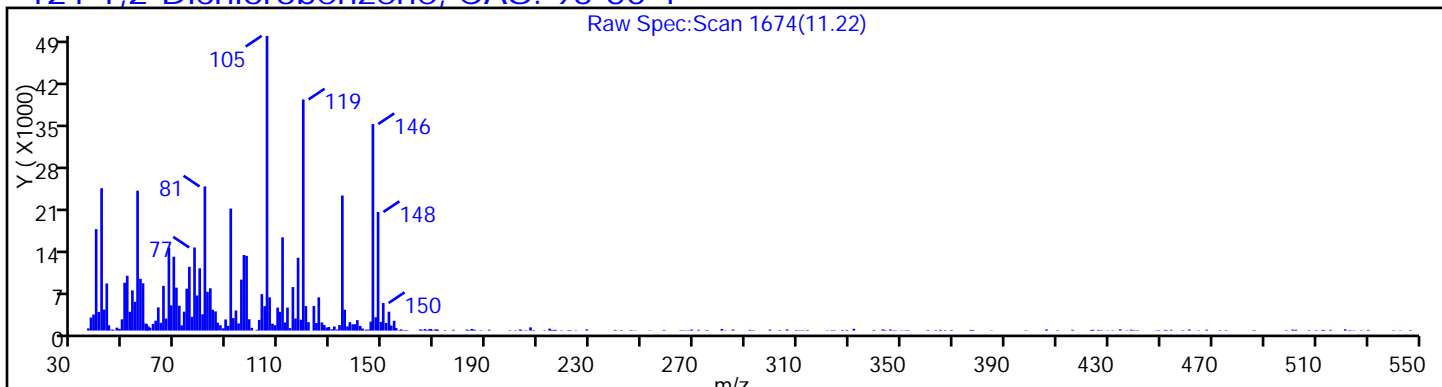
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

121 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

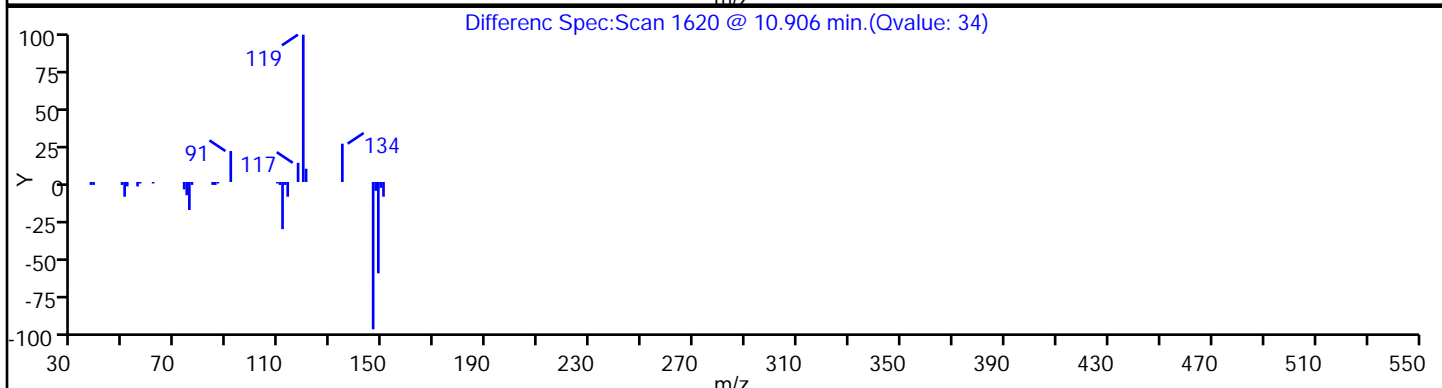
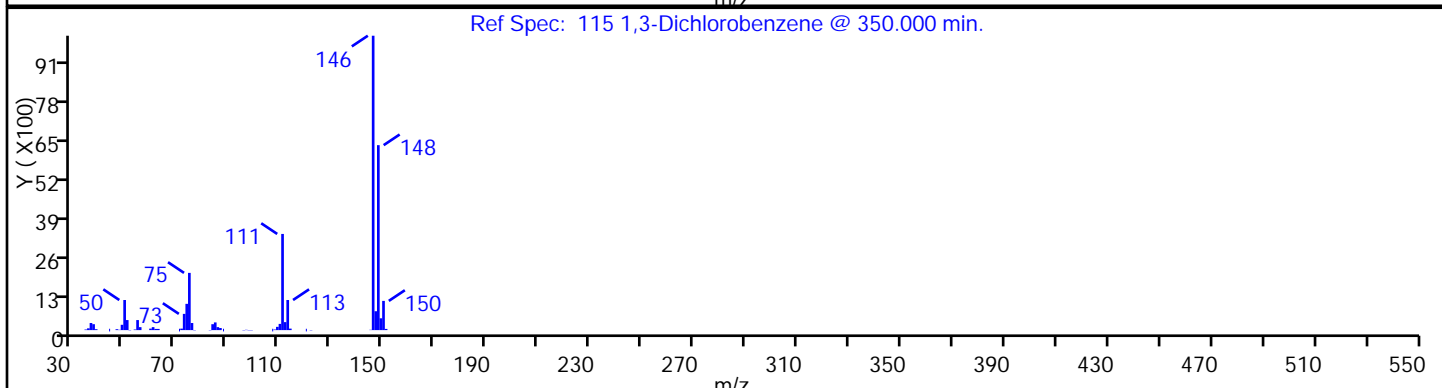
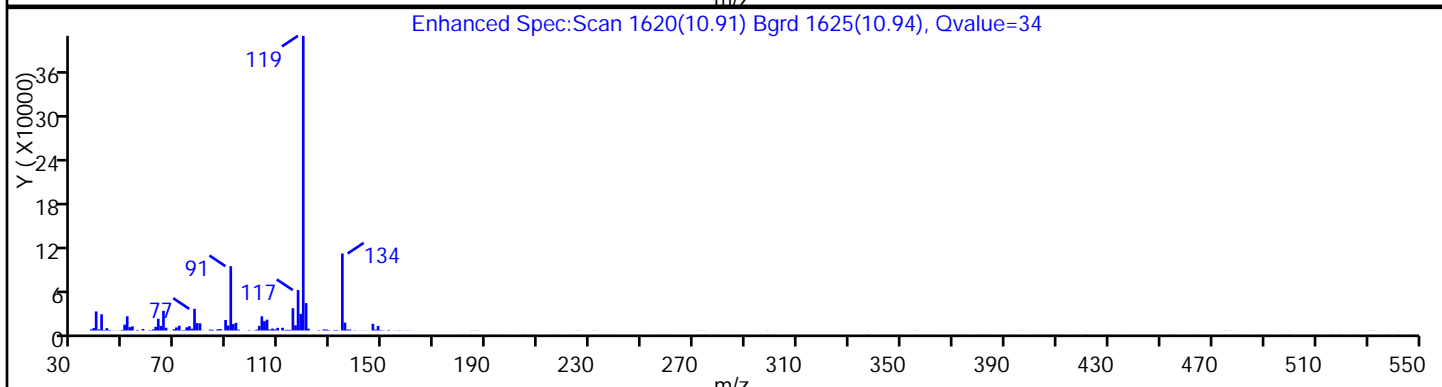
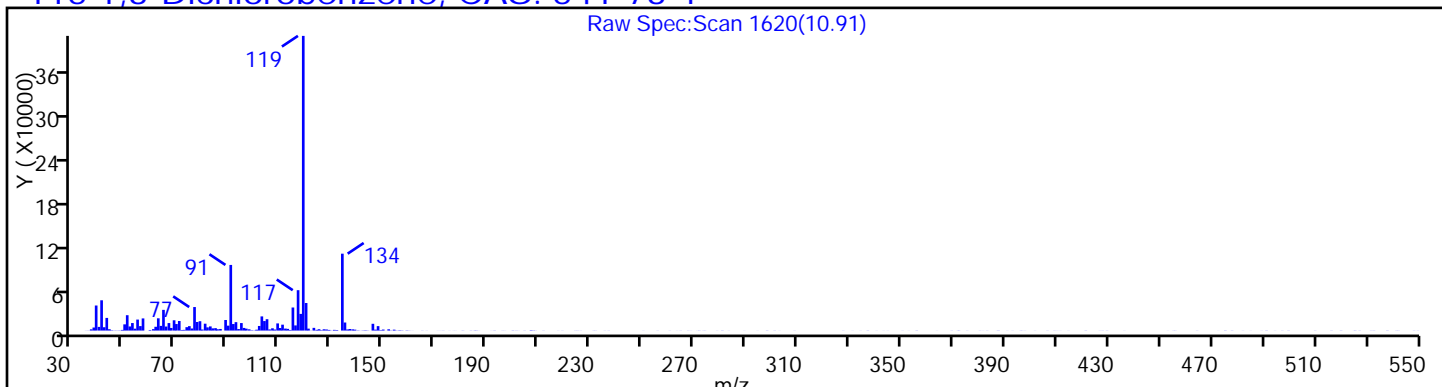
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

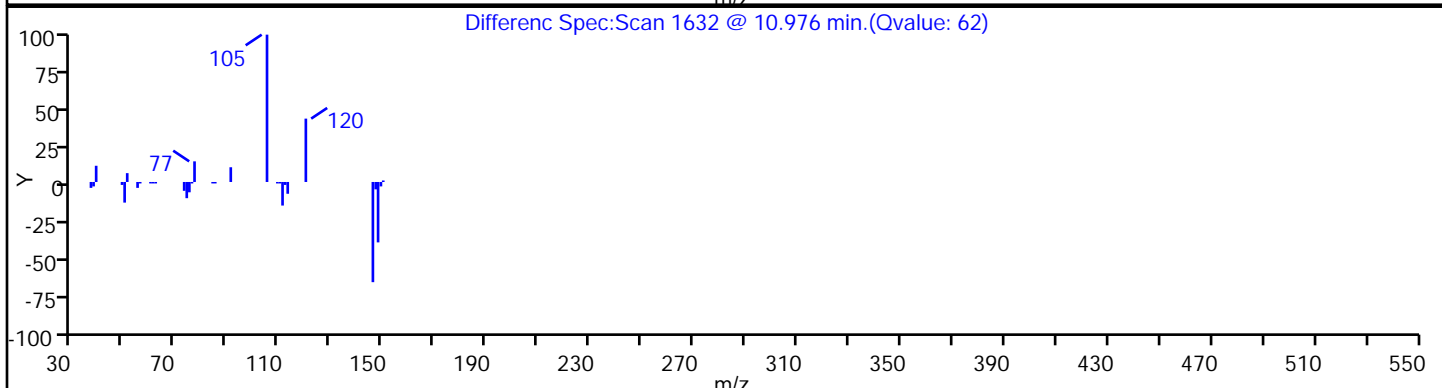
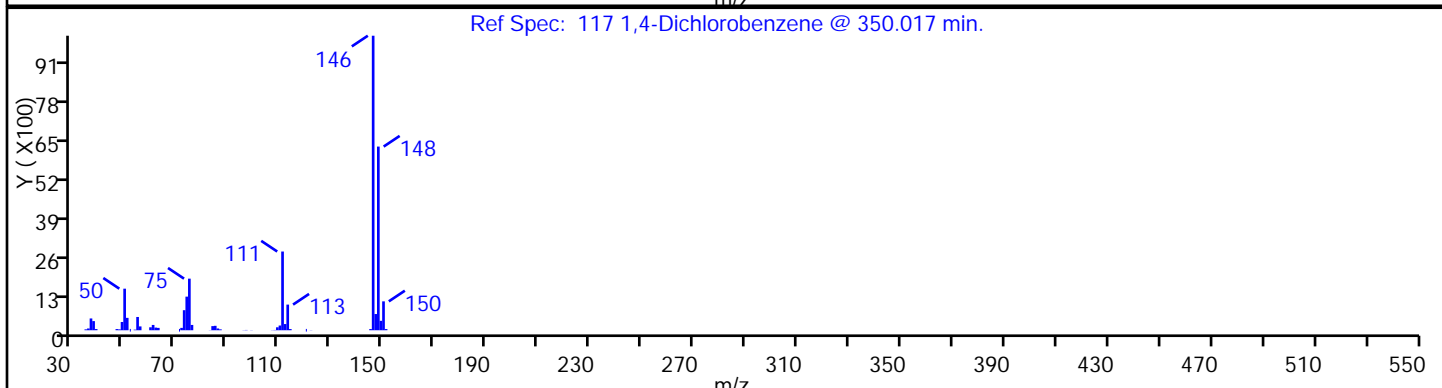
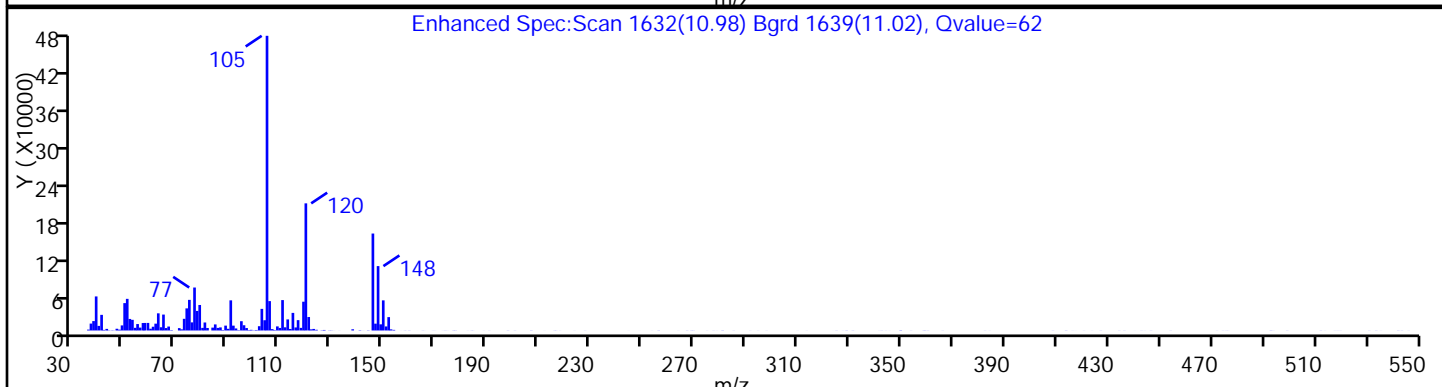
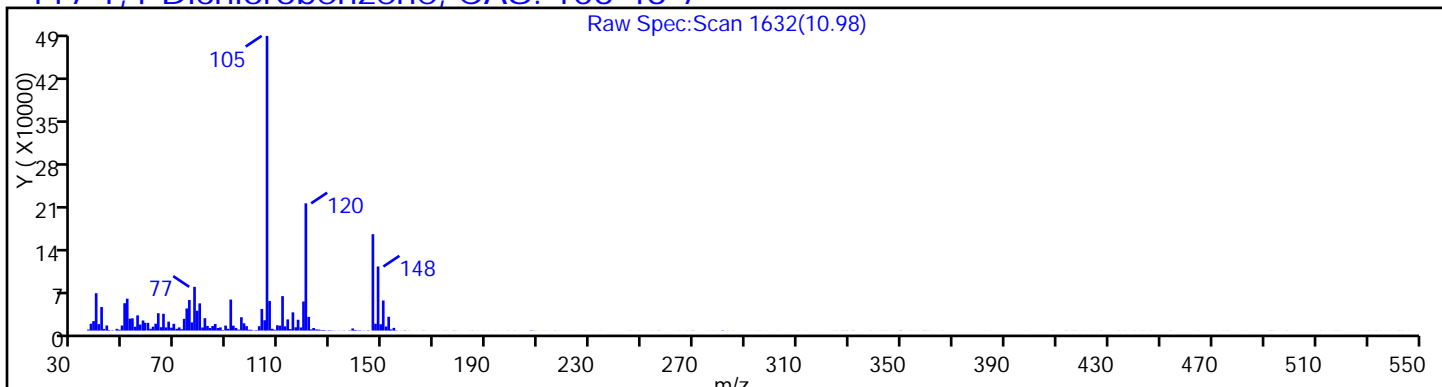
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

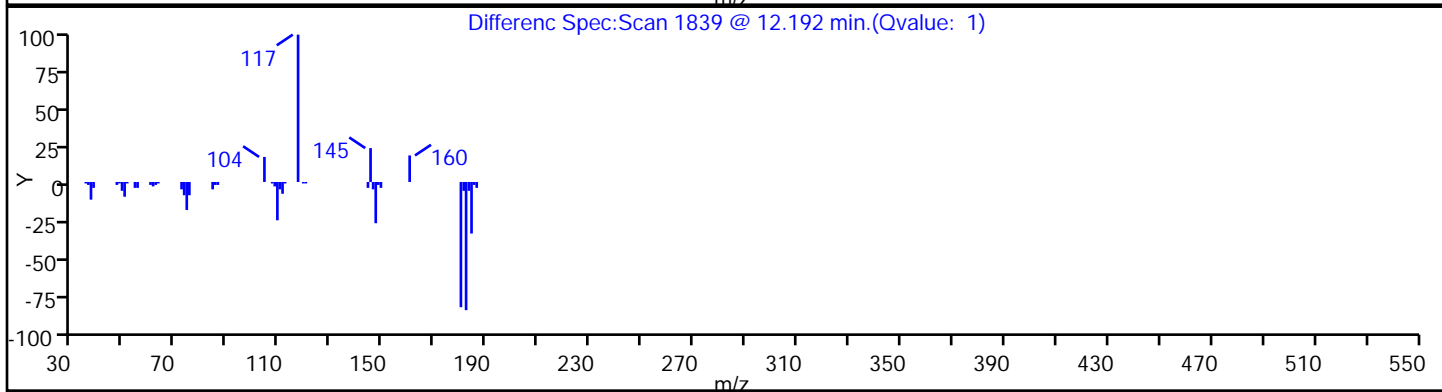
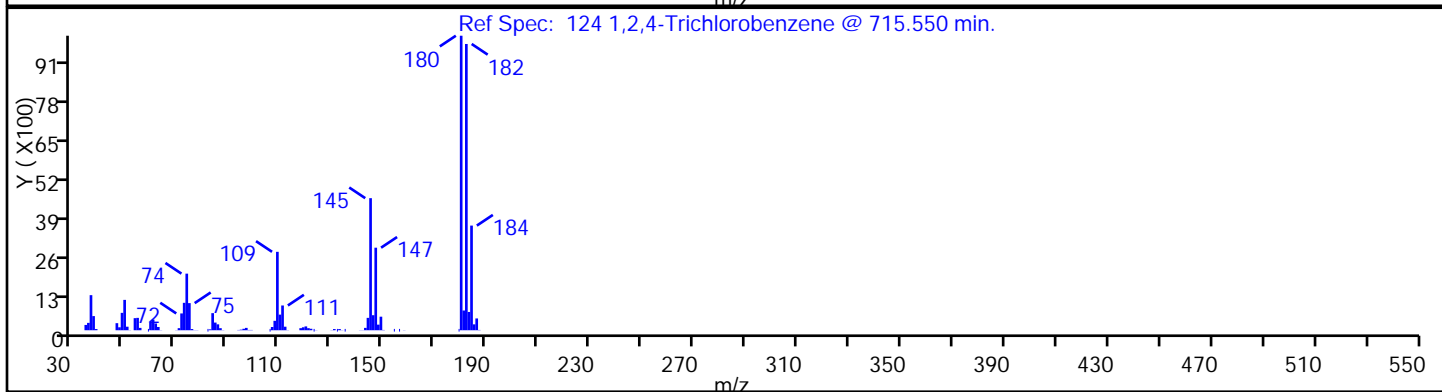
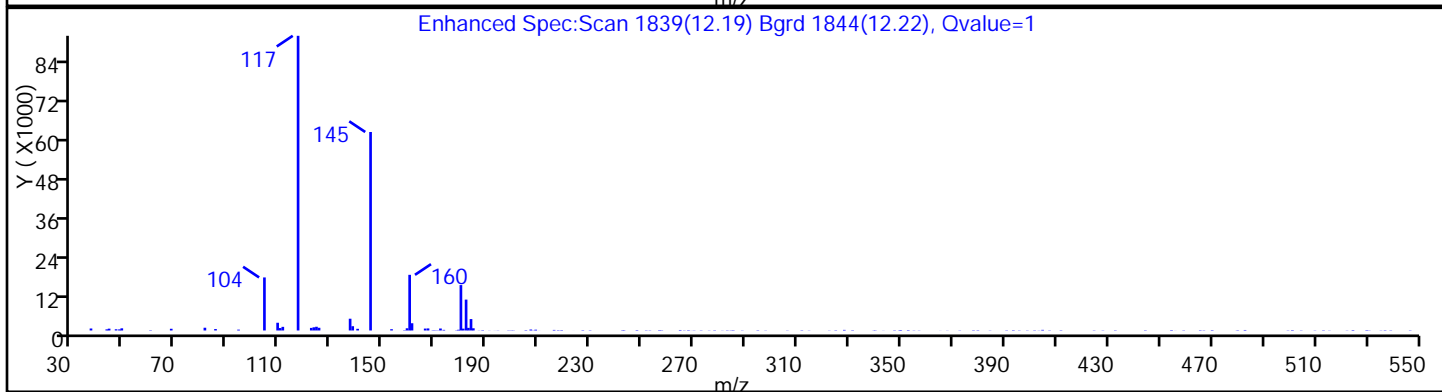
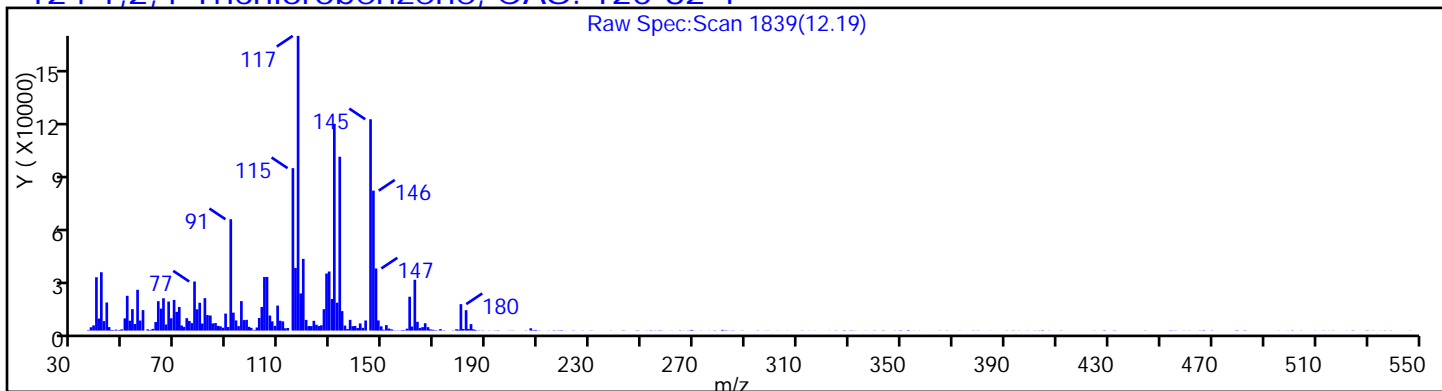
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

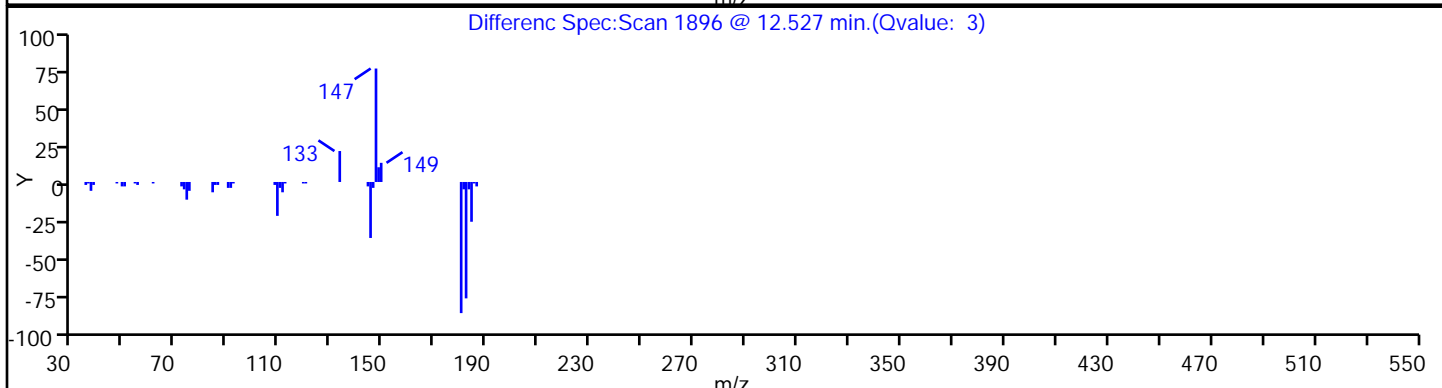
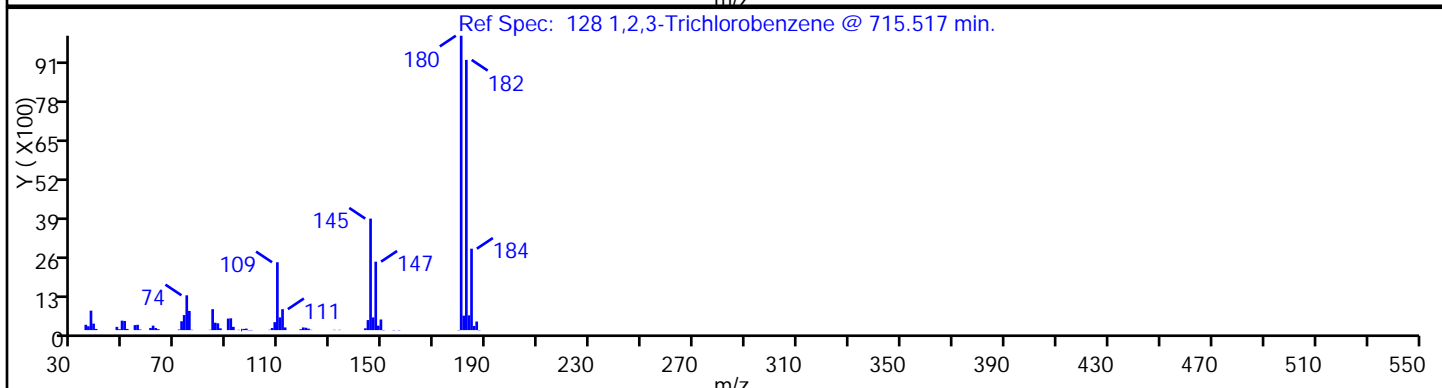
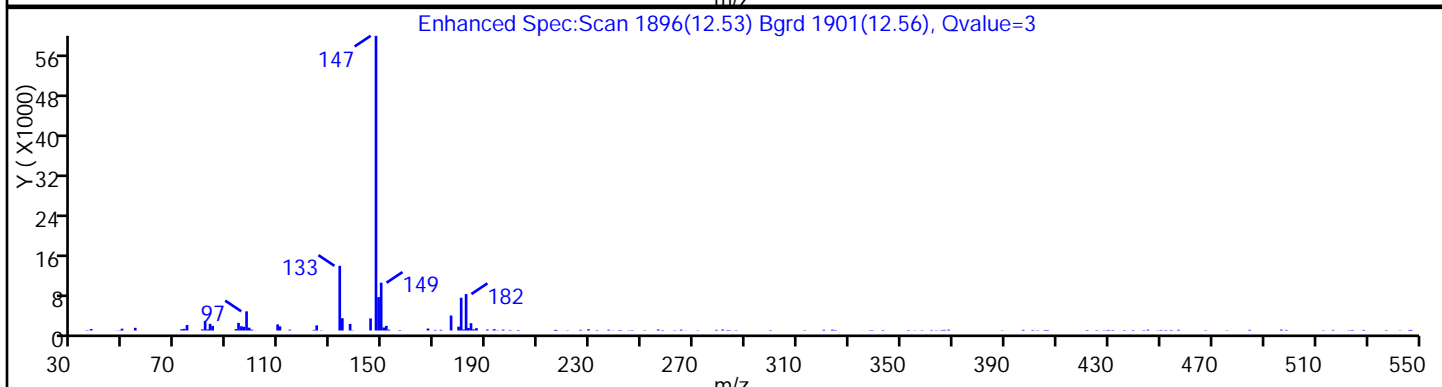
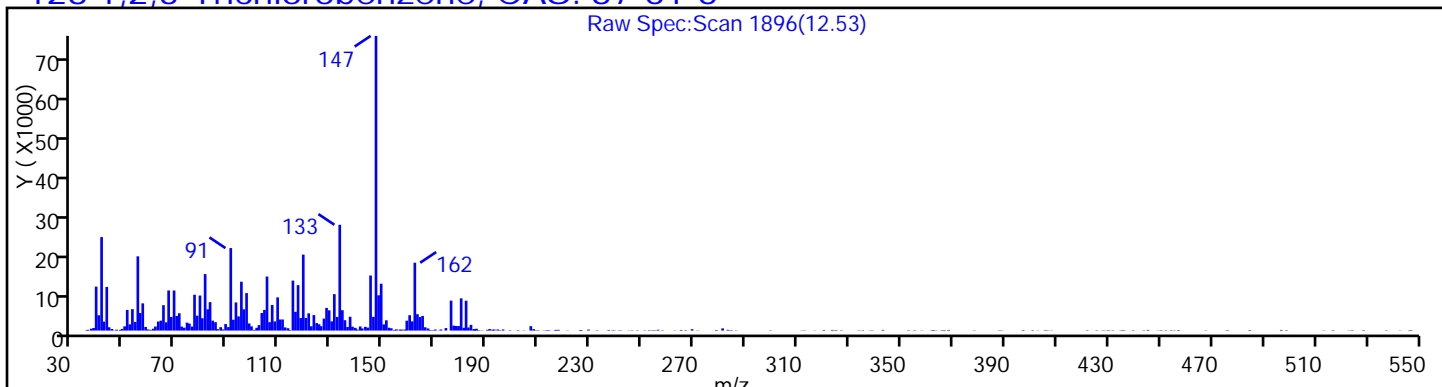
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

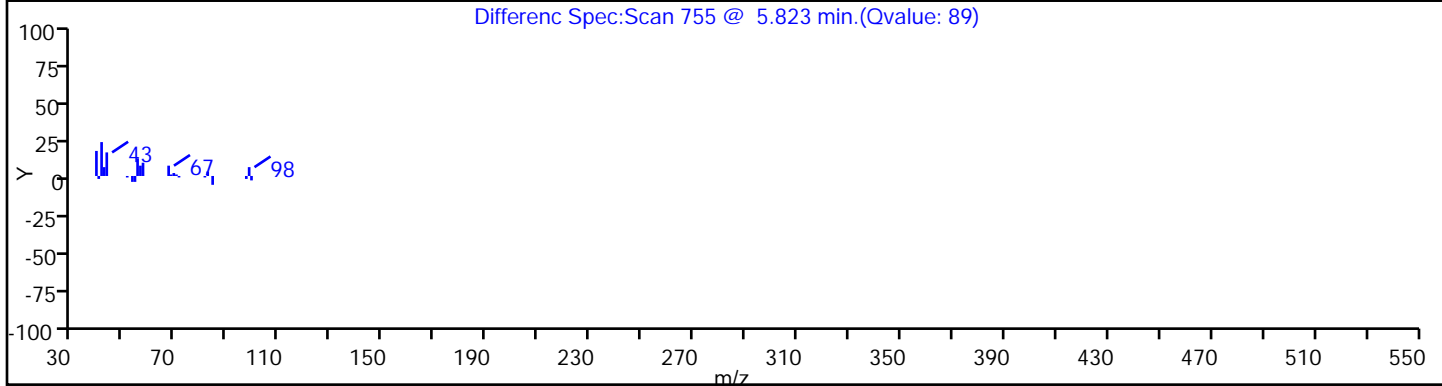
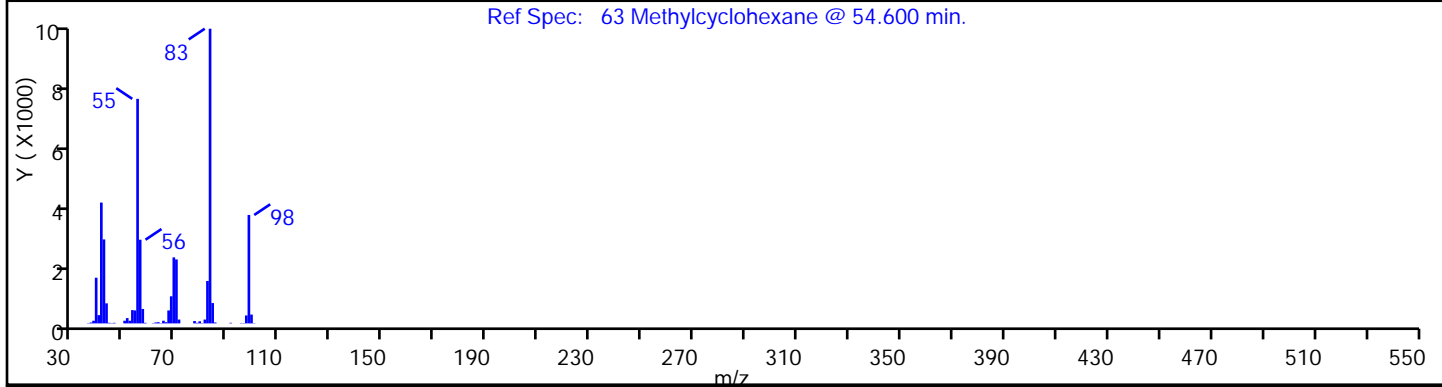
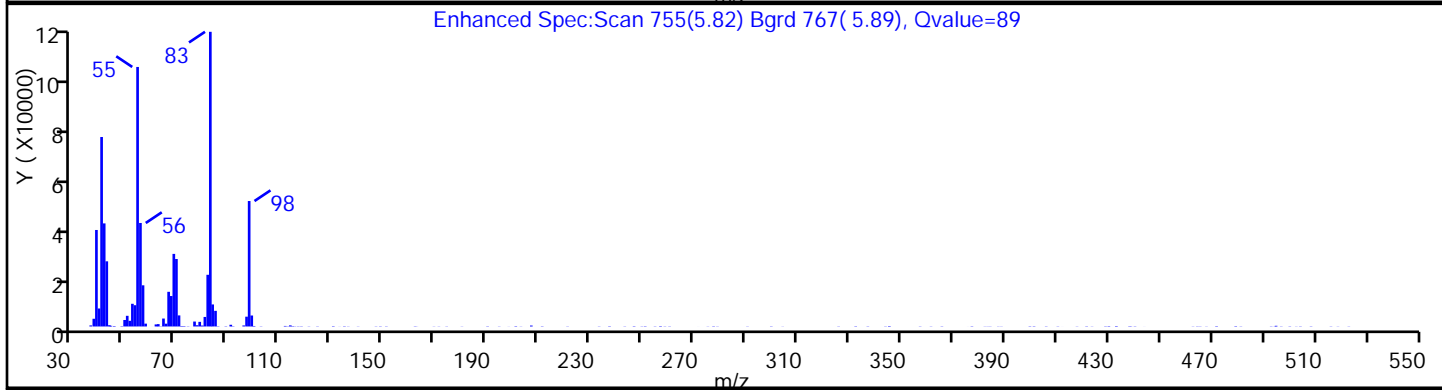
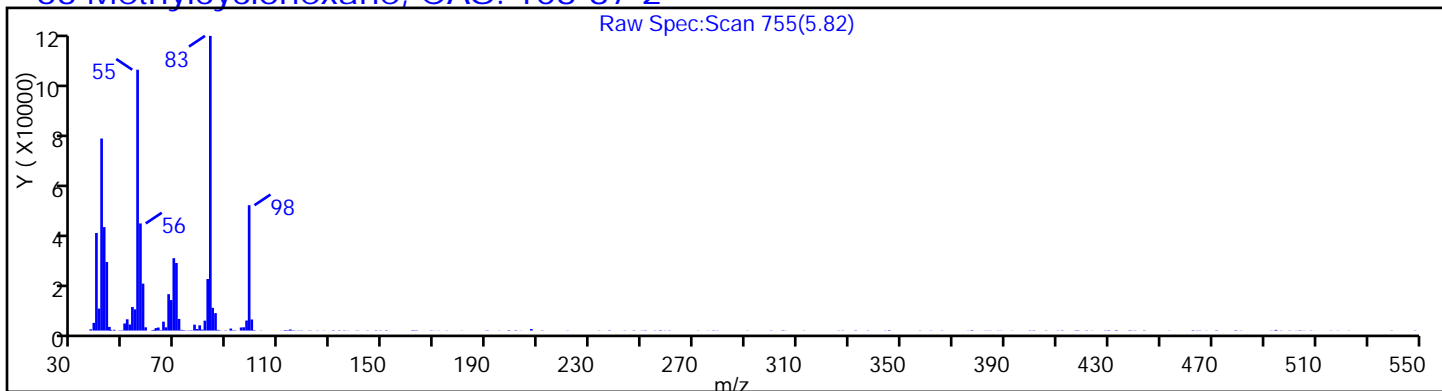
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

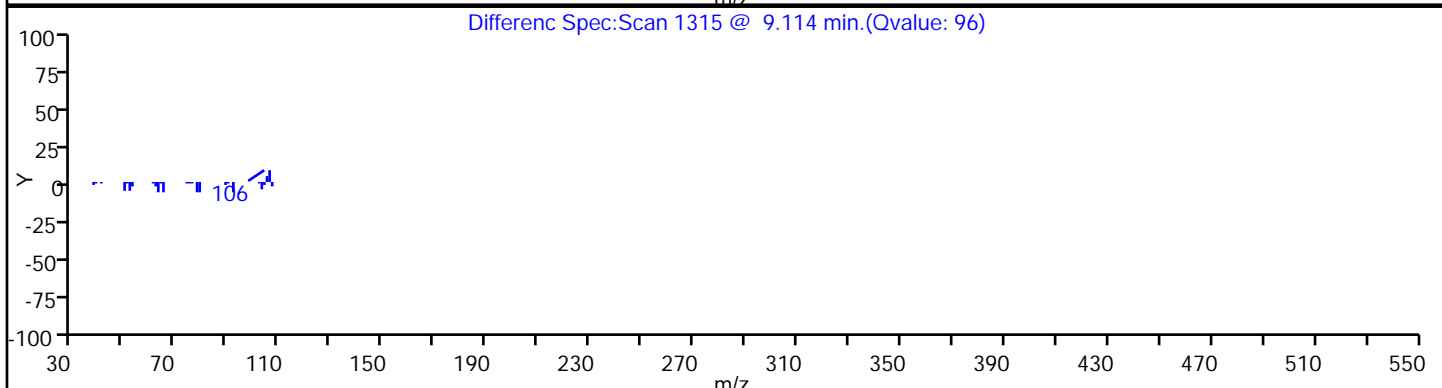
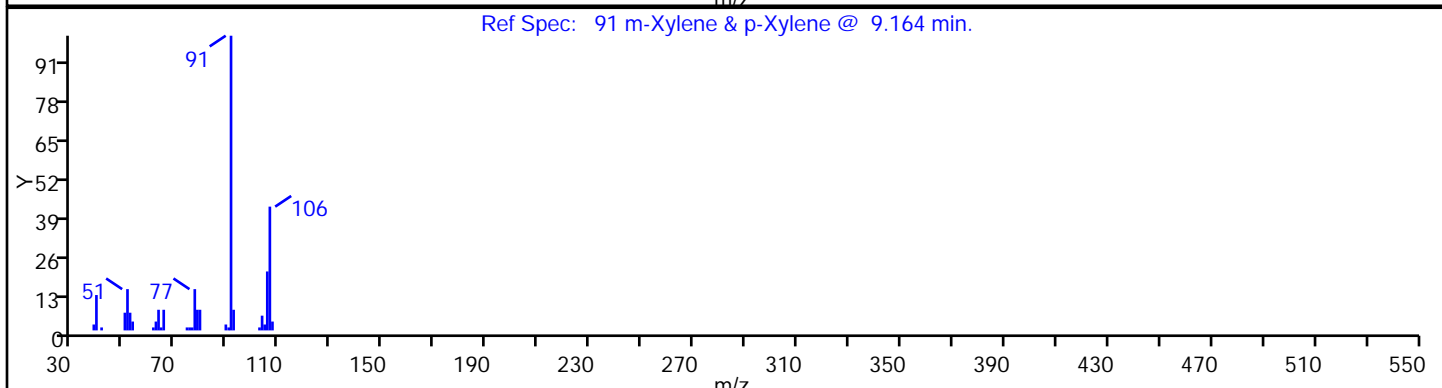
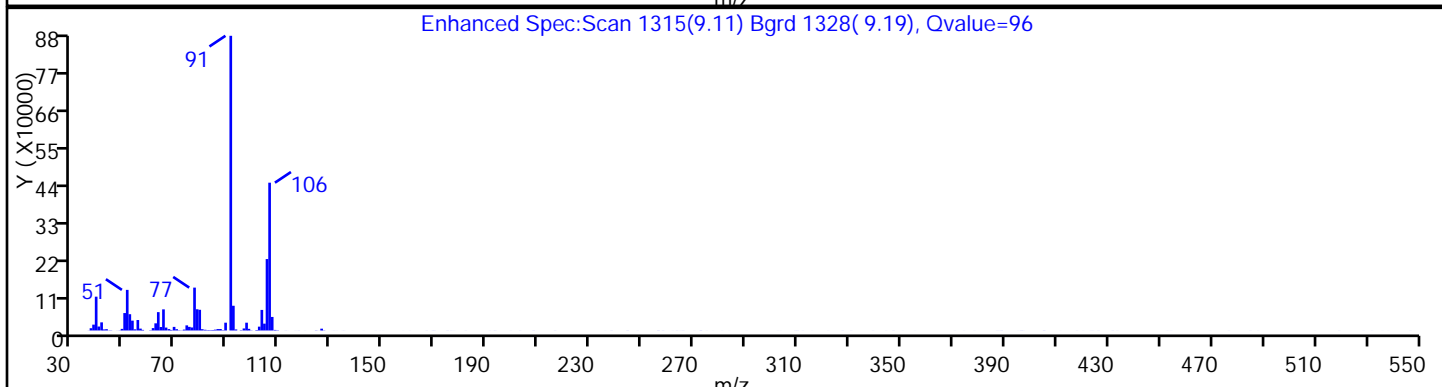
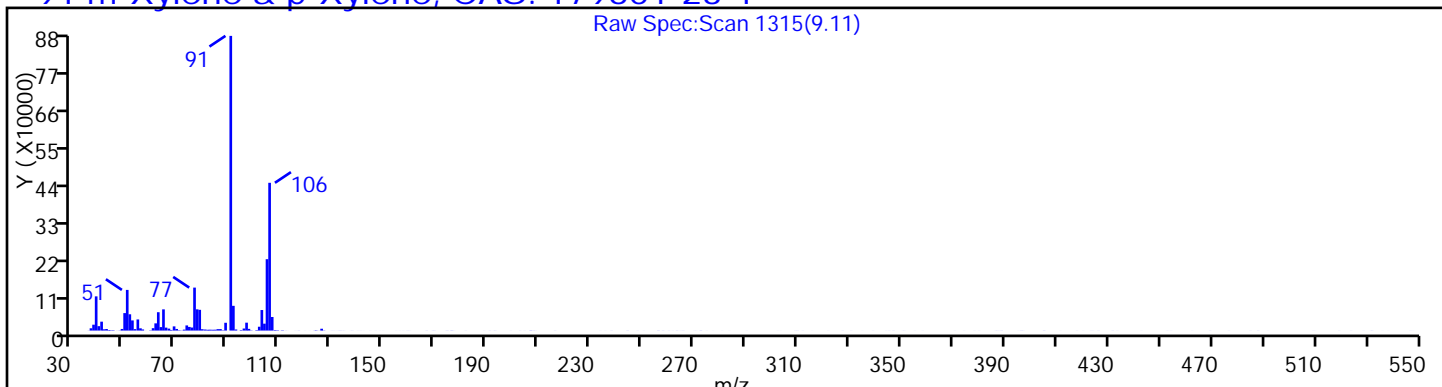
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

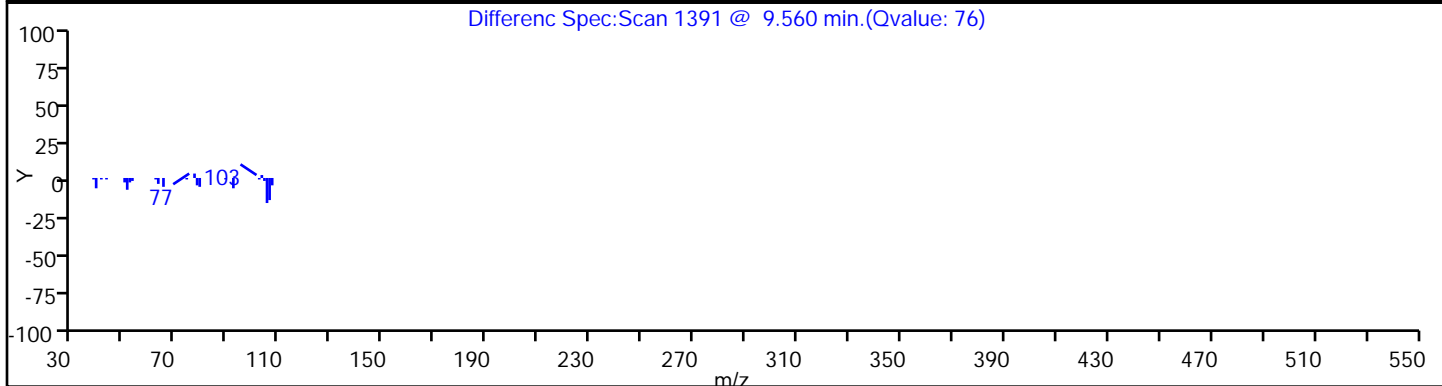
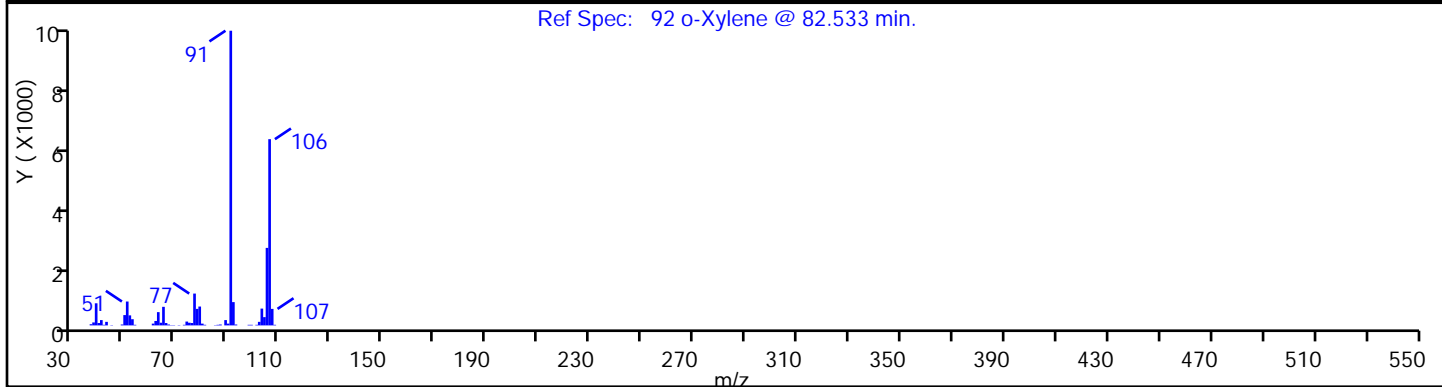
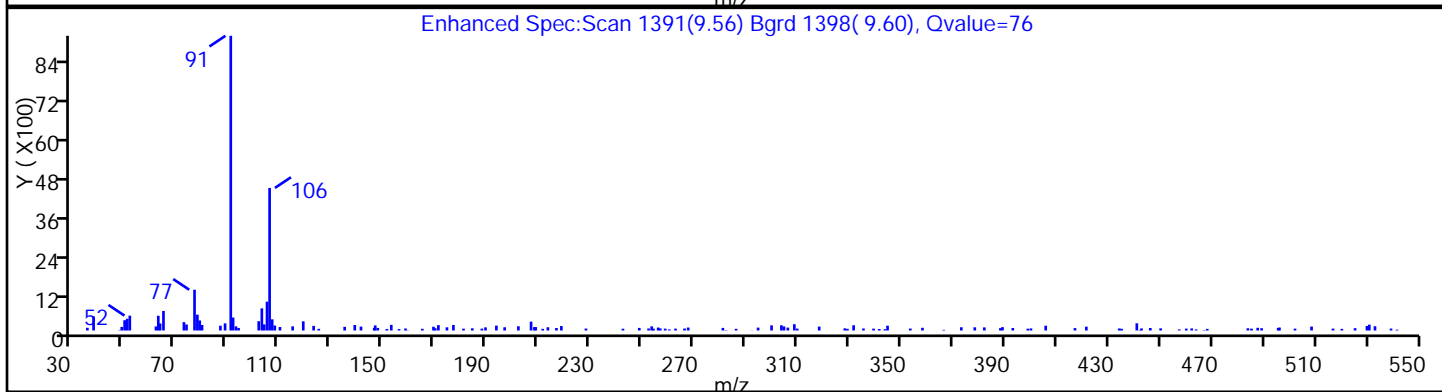
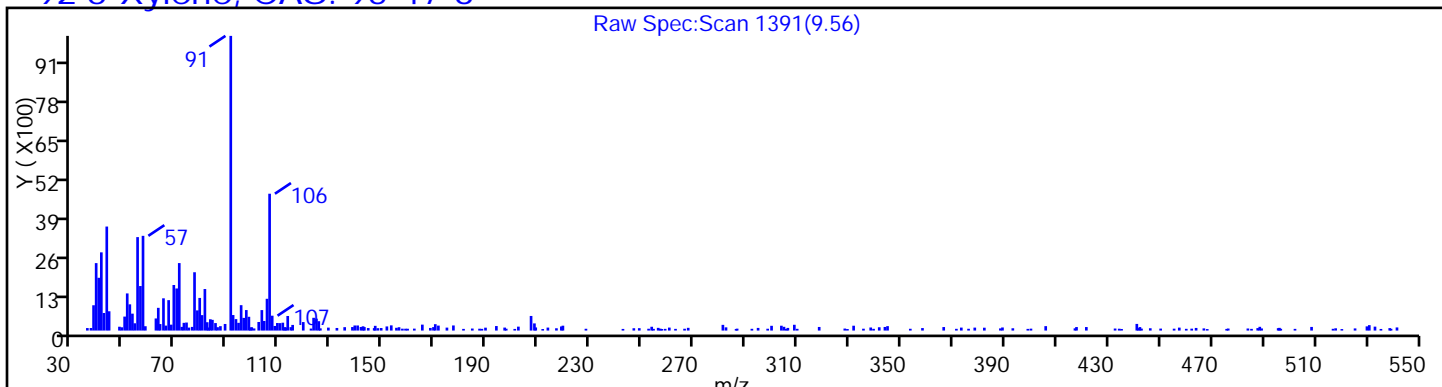
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

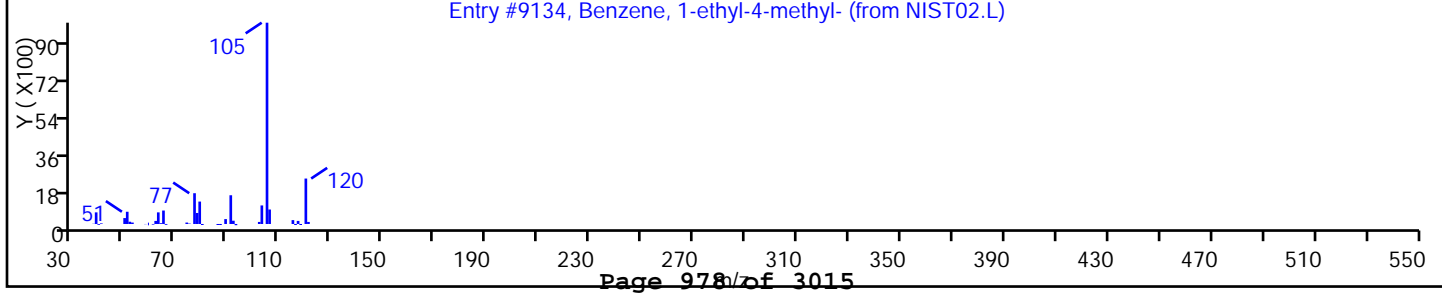
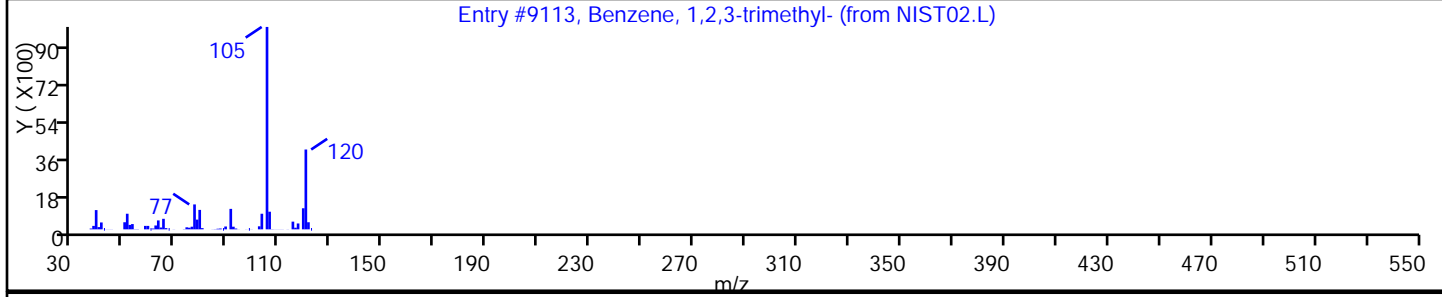
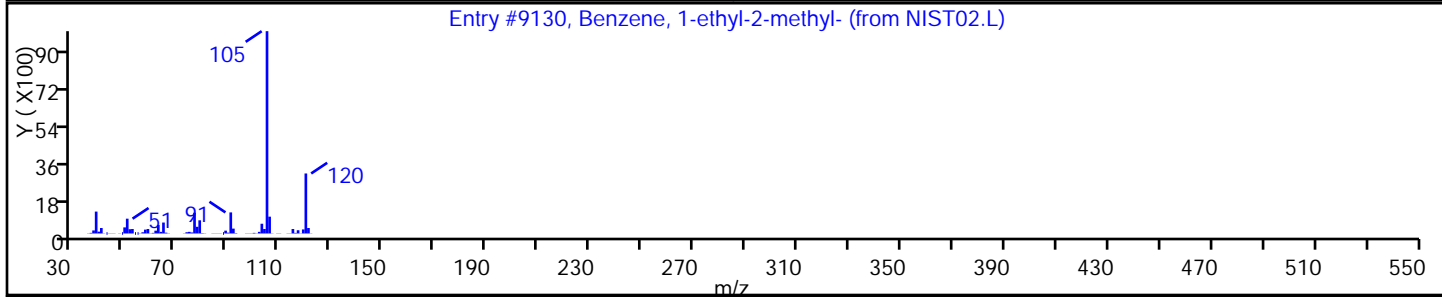
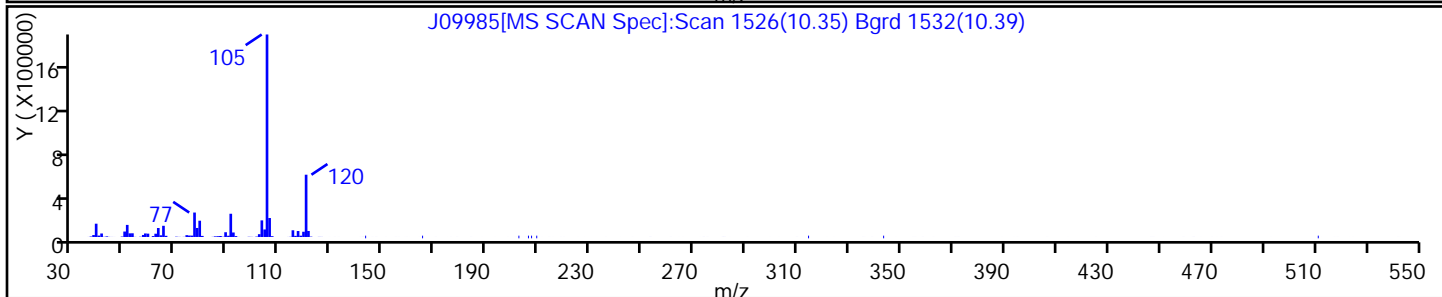
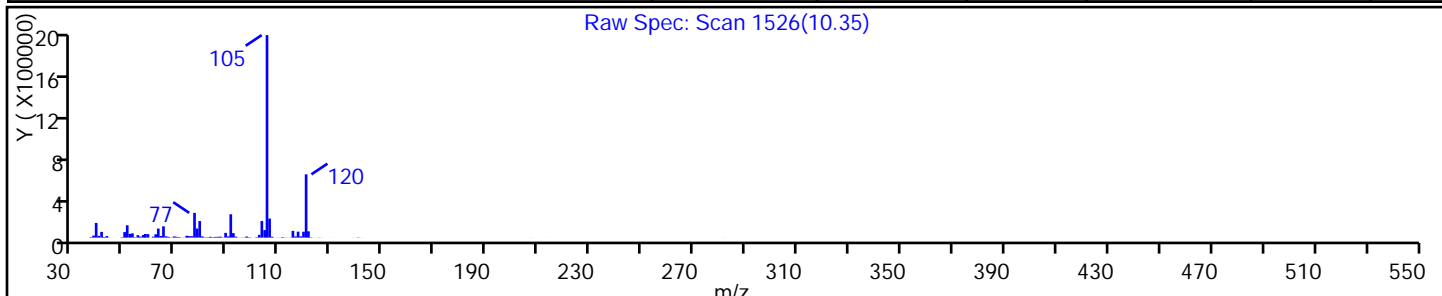
Method: 8260_W8

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-methyl-	611-14-3	NIST02.L	9130	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	93
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9134	C9H12	120	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

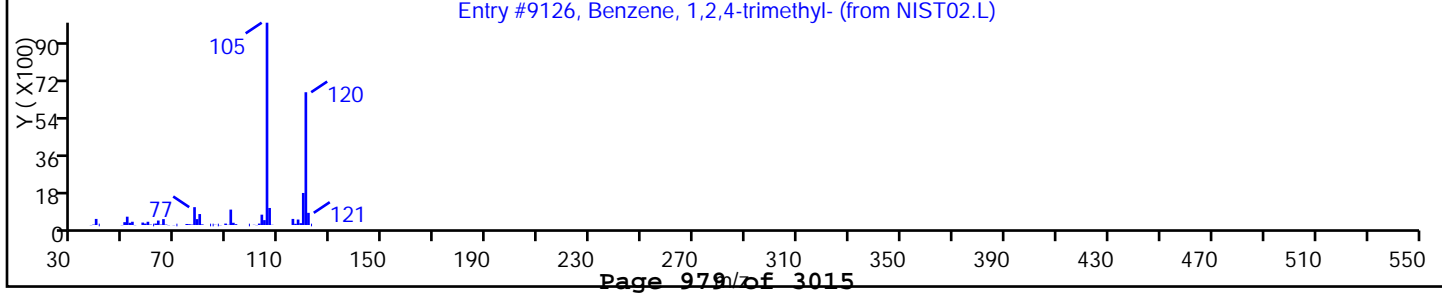
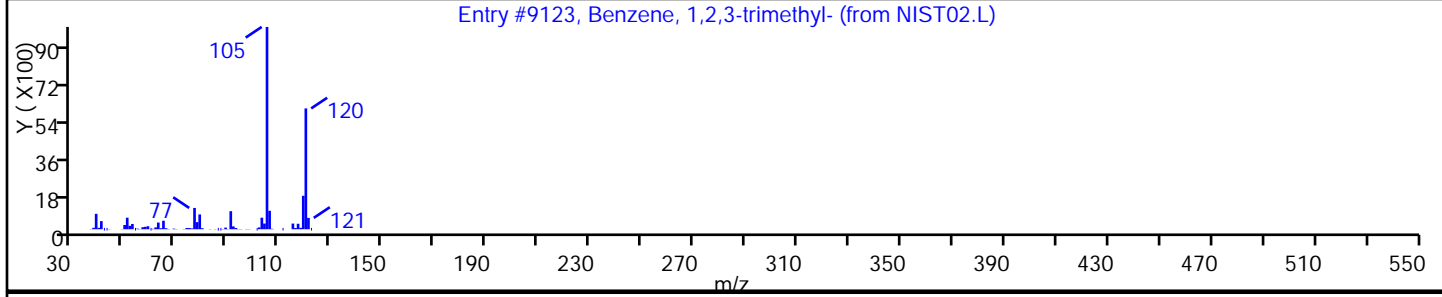
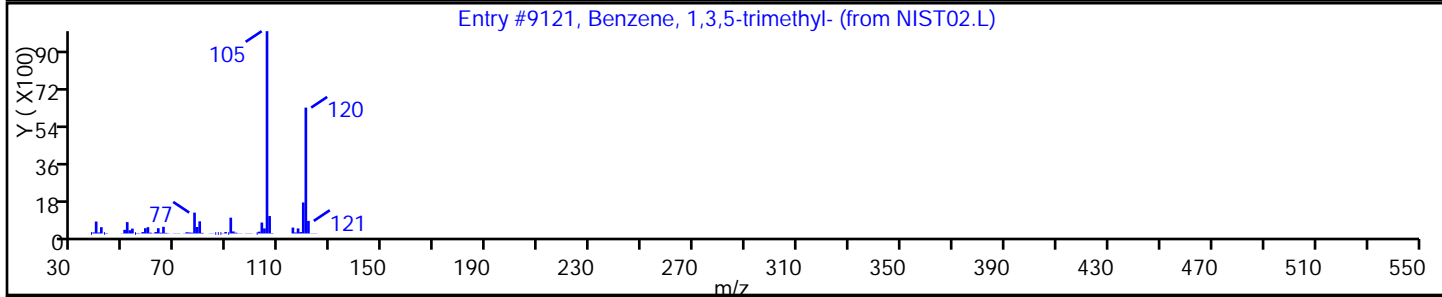
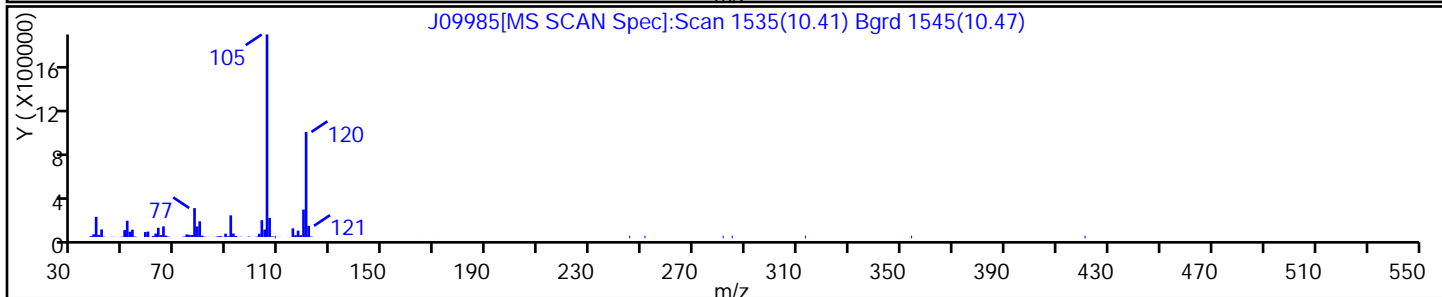
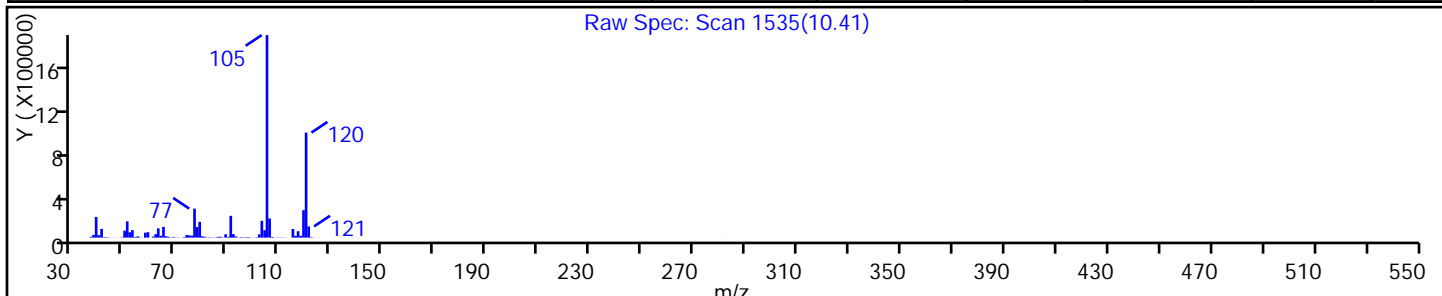
Method: 8260_W8

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-	108-67-8	NIST02.L	9121	C9H12	120	97
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	97
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

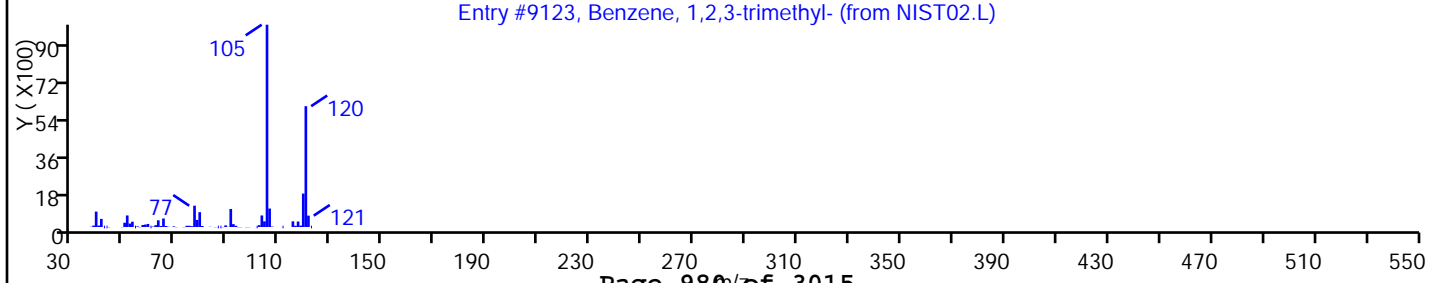
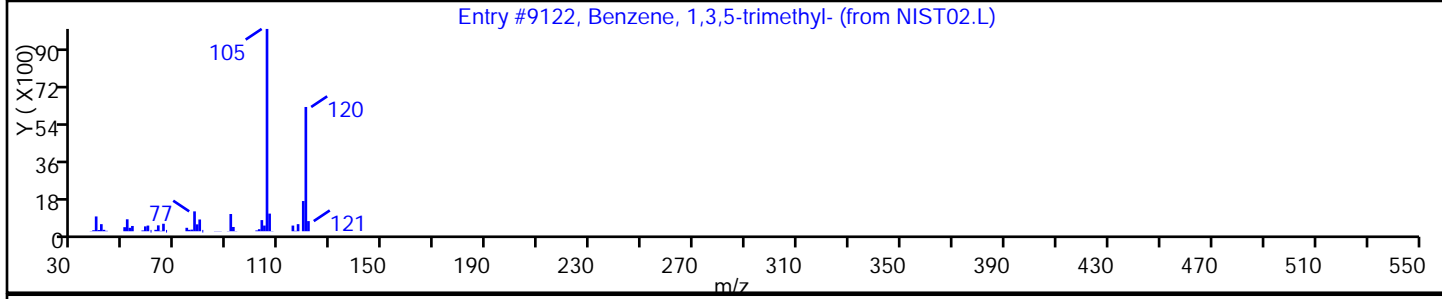
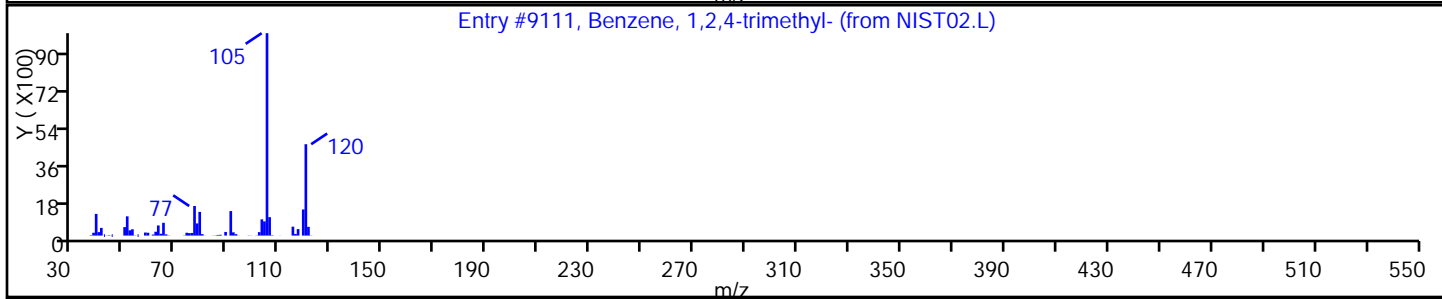
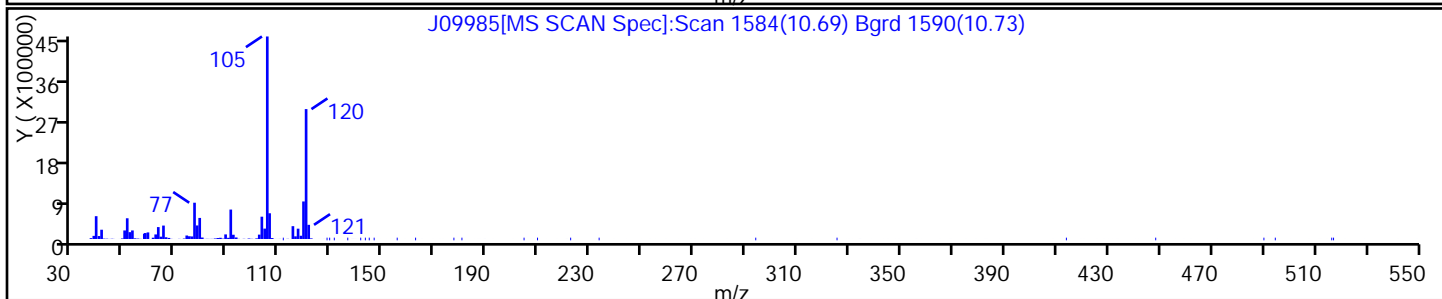
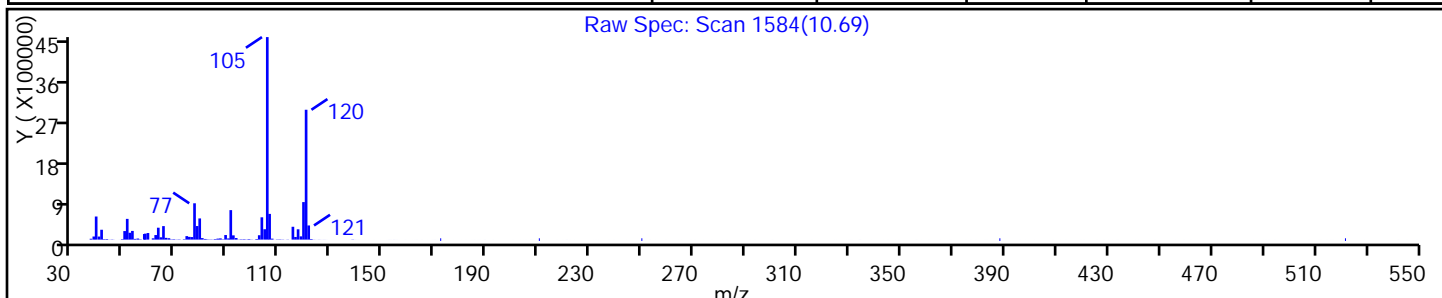
Method: 8260_W8

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-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	95
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

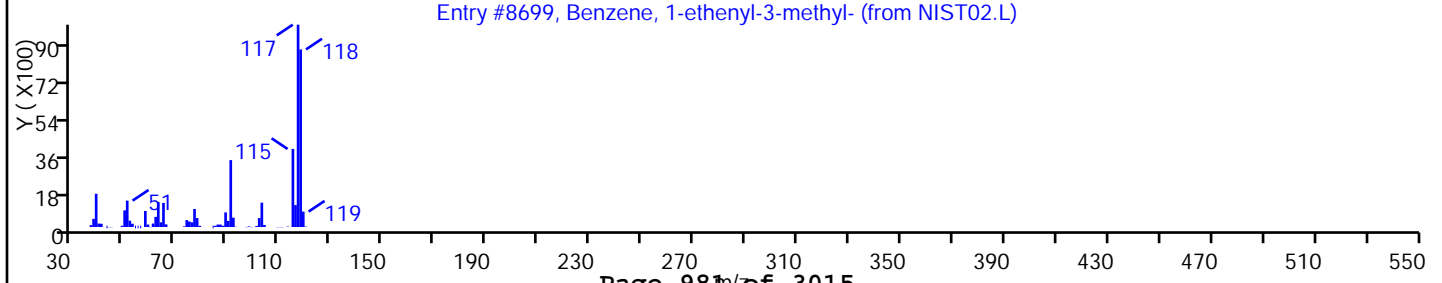
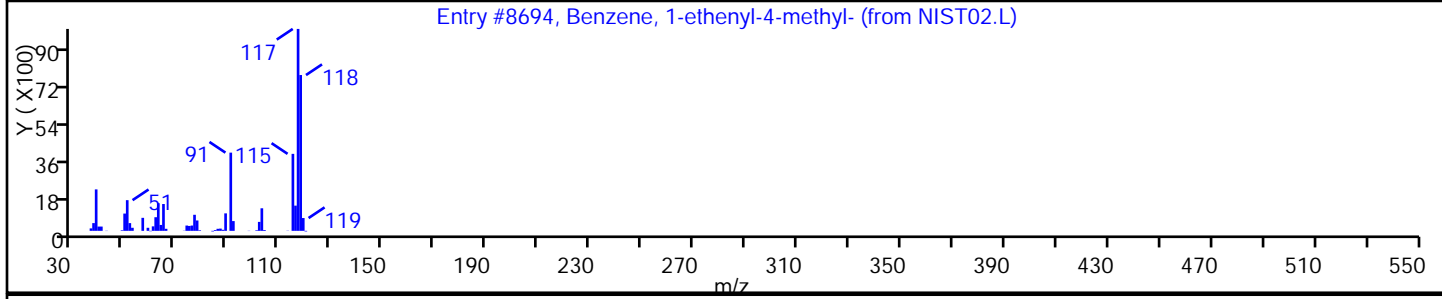
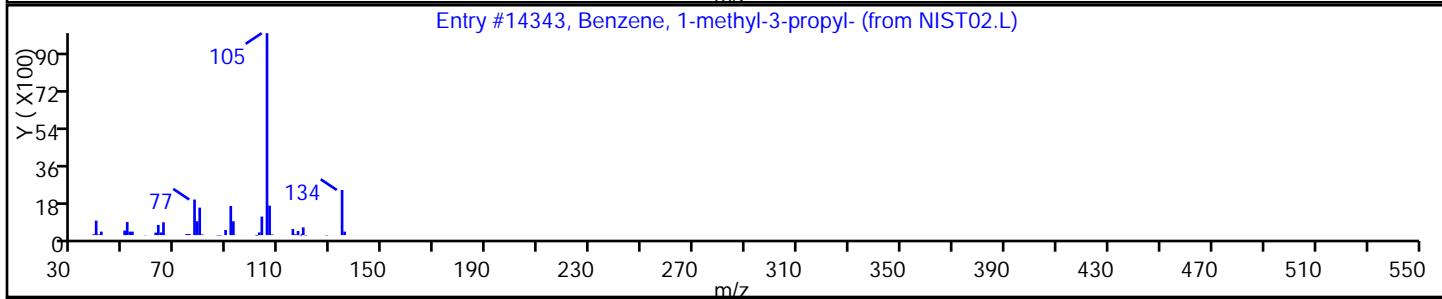
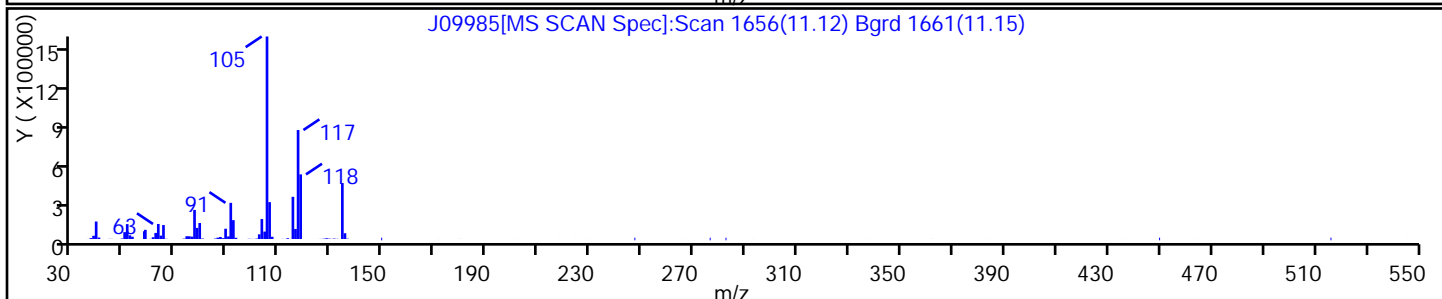
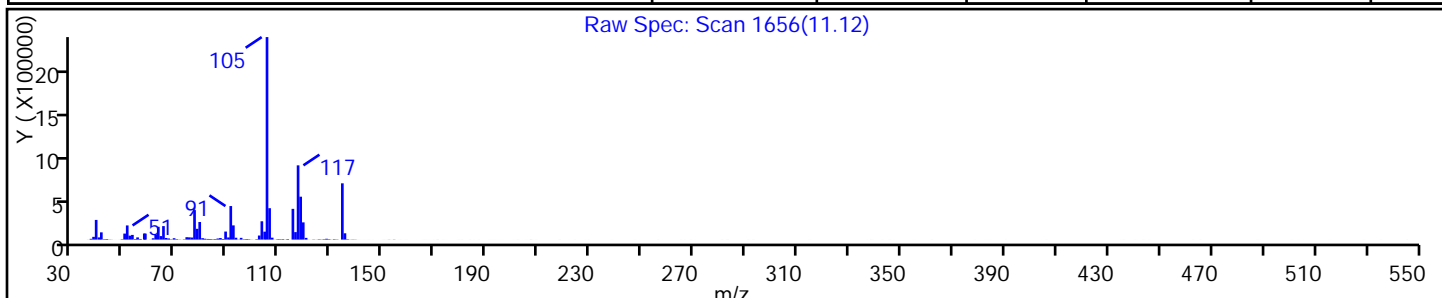
Method: 8260_W8

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	14343	C10H14	134	46
Benzene, 1-ethenyl-4-methyl-	622-97-9	NIST02.L	8694	C9H10	118	46
Benzene, 1-ethenyl-3-methyl-	100-80-1	NIST02.L	8699	C9H10	118	41



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

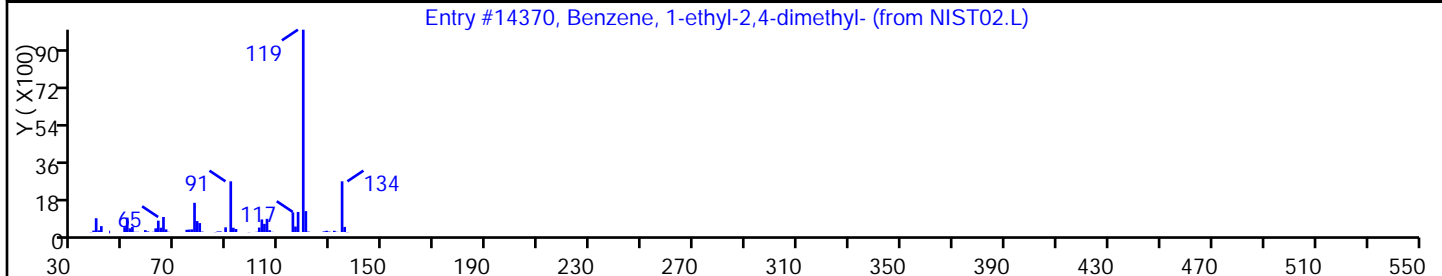
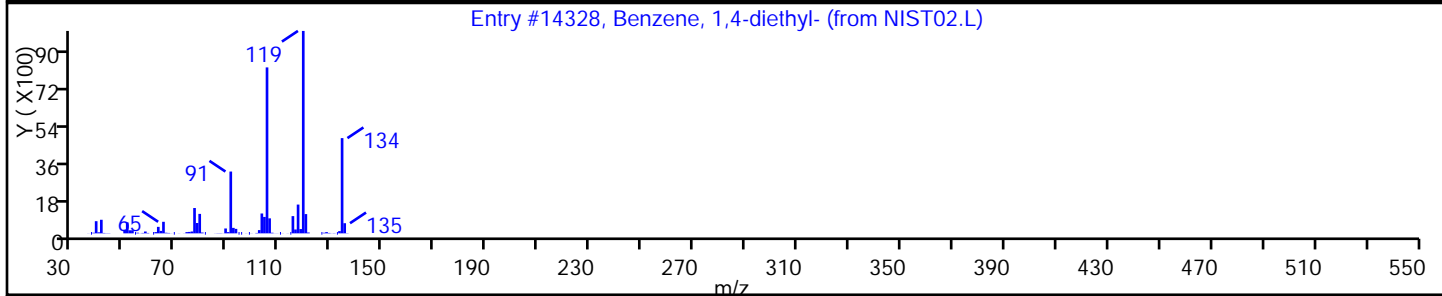
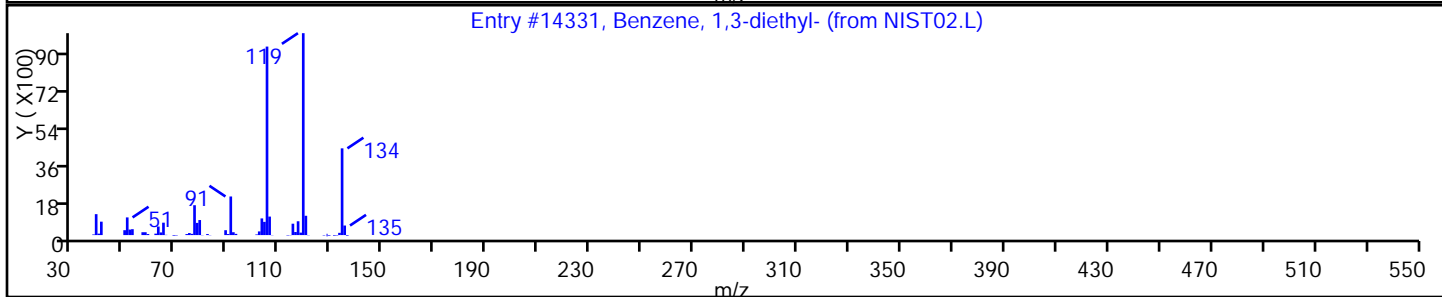
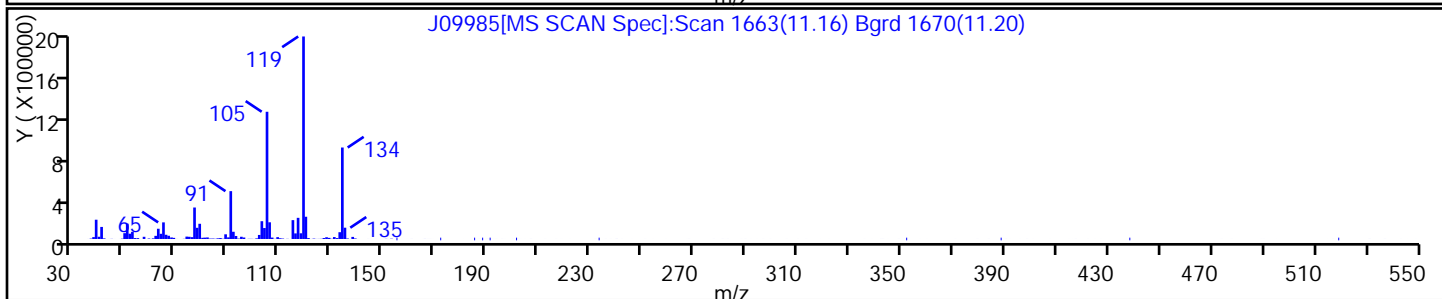
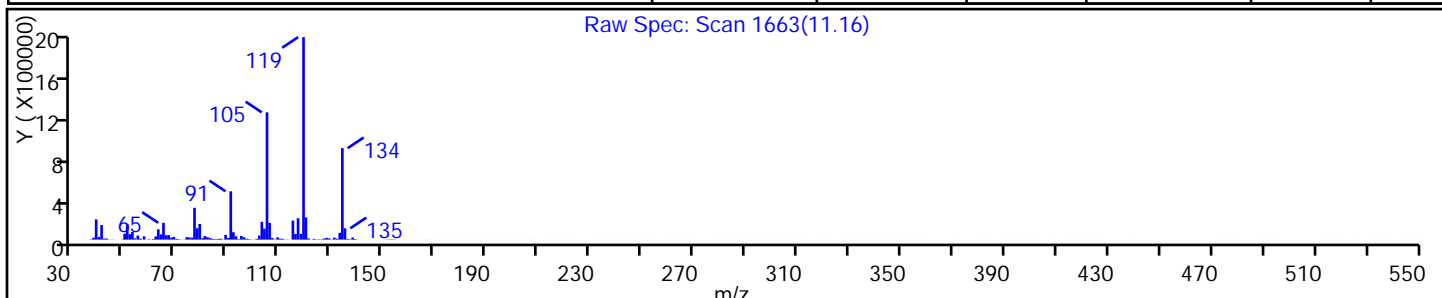
Method: 8260_W8

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-	141-93-5	NIST02.L	14331	C10H14	134	96
Benzene, 1,4-diethyl-	105-05-5	NIST02.L	14328	C10H14	134	94
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

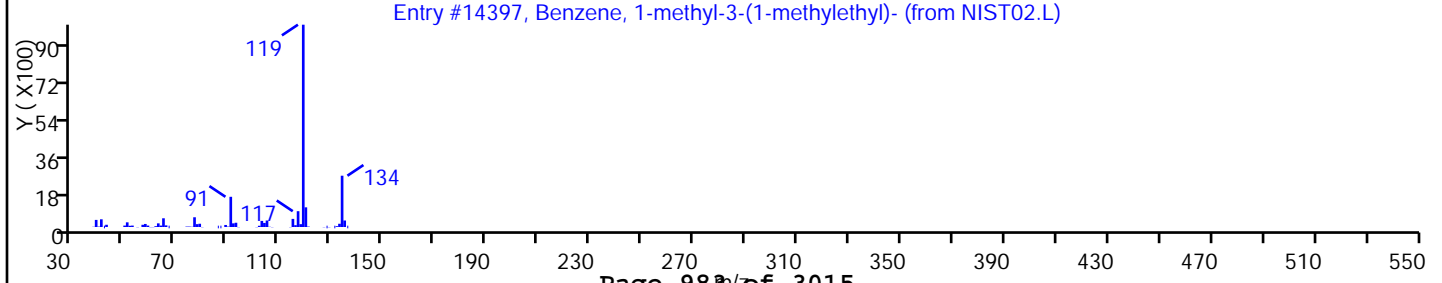
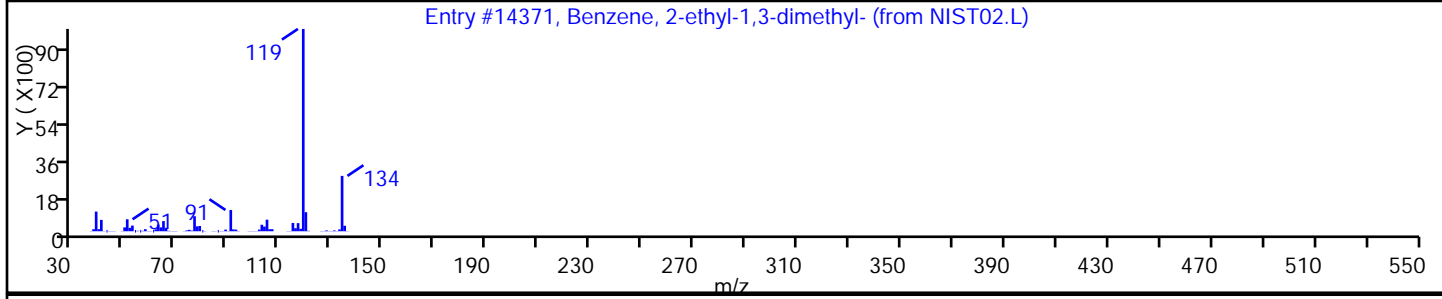
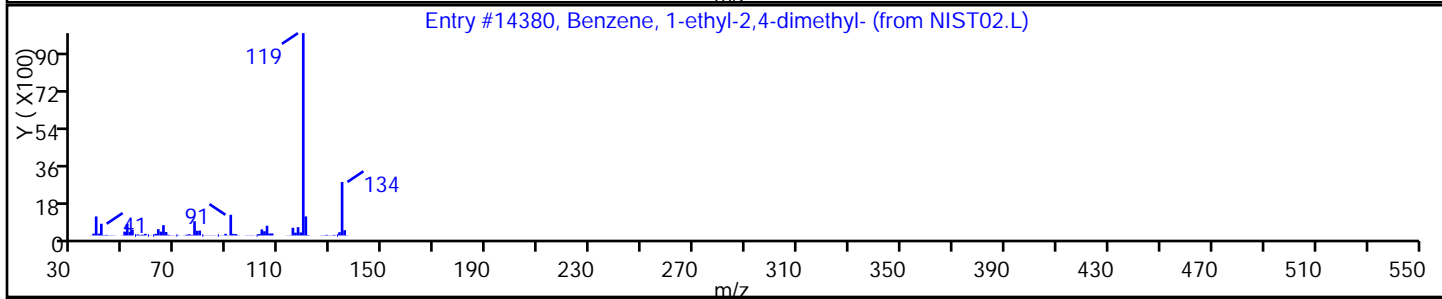
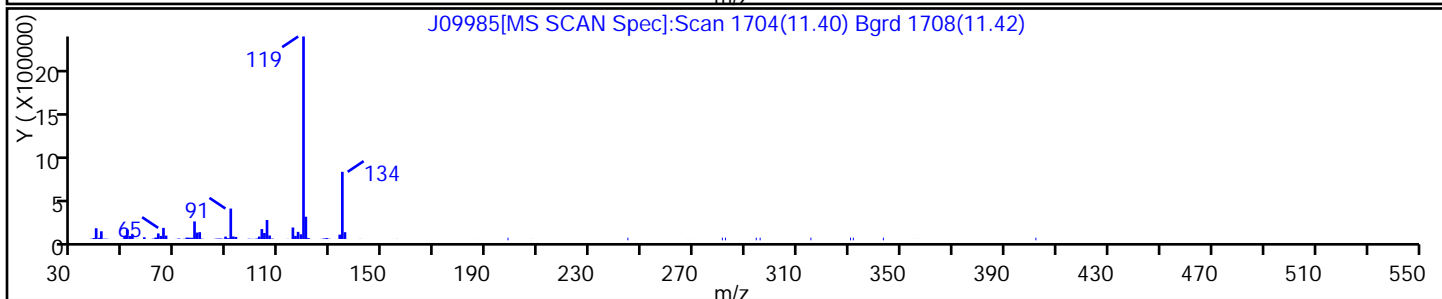
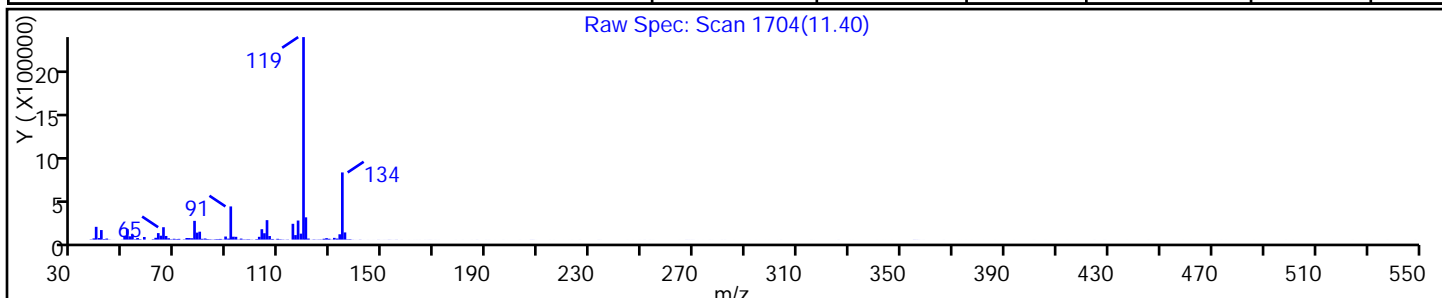
Method: 8260_W8

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	14380	C10H14	134	95
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14371	C10H14	134	94
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	C10H14	134	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

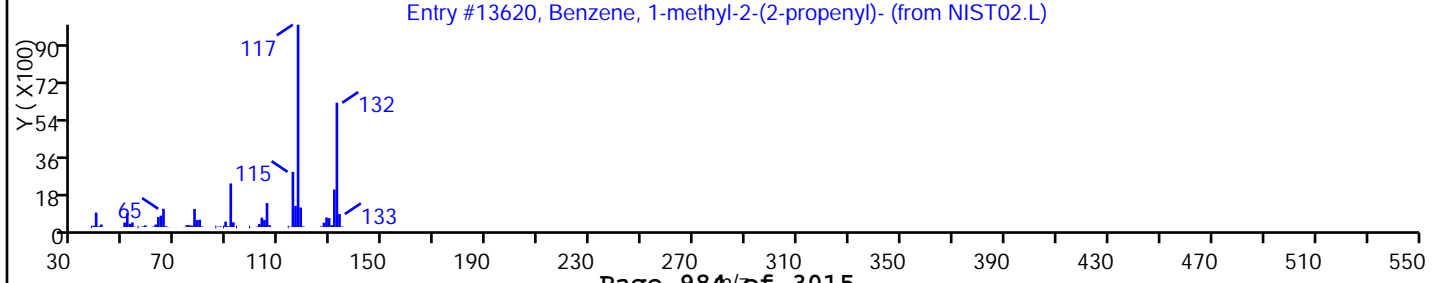
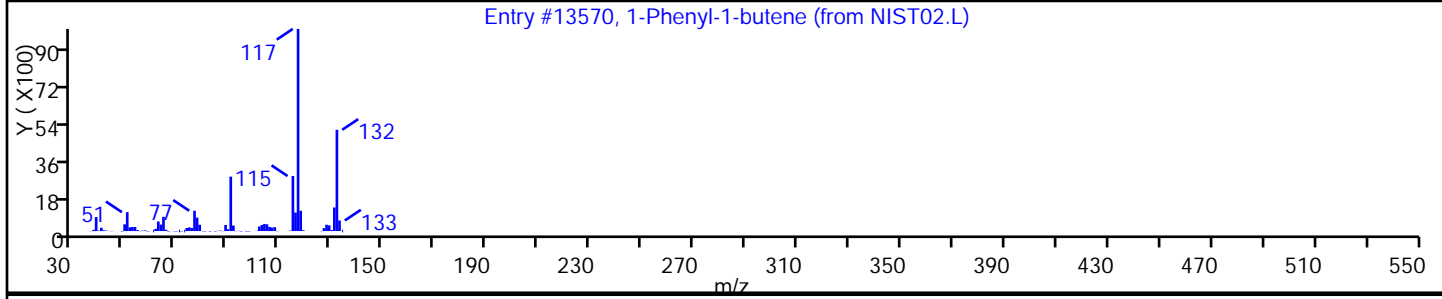
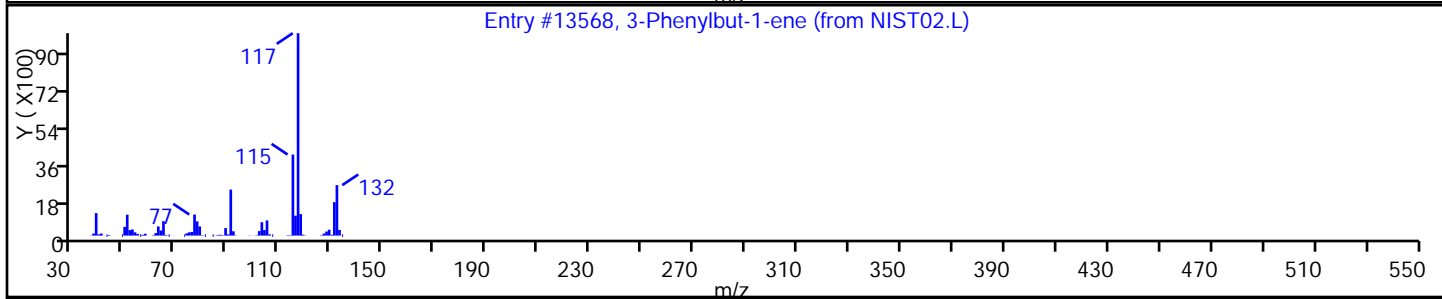
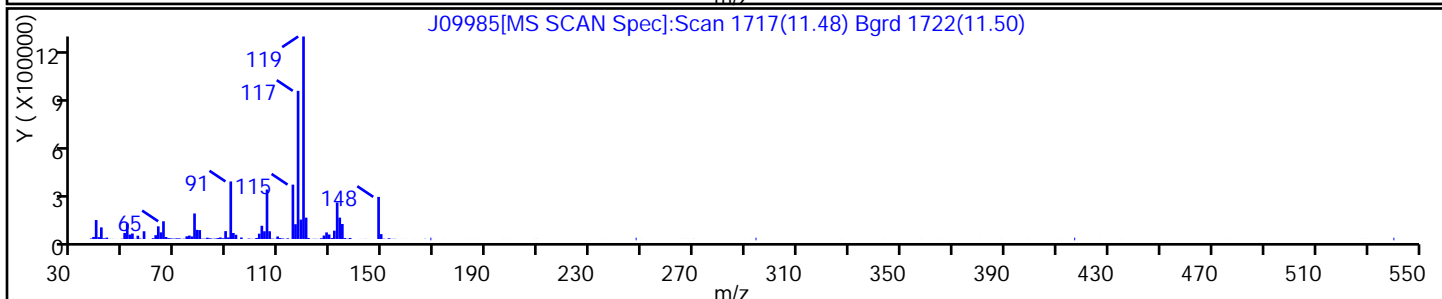
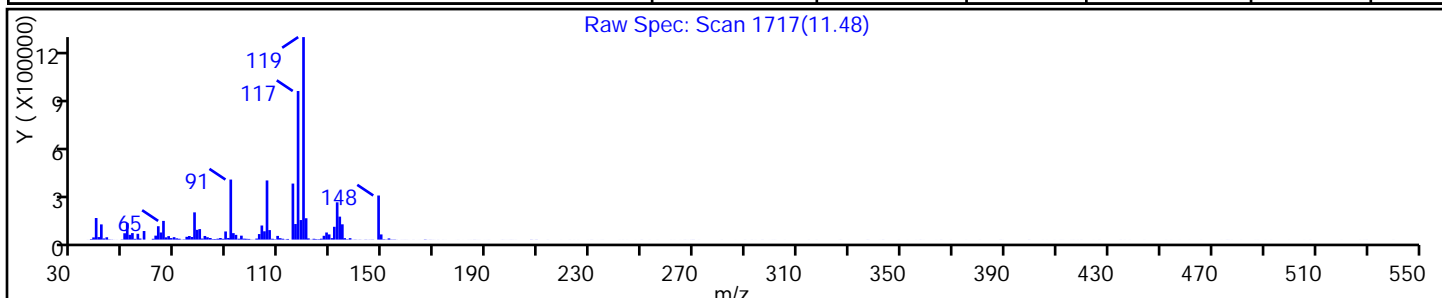
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Phenylbut-1-ene	934-10-1	NIST02.L	13568	C10H12	132	46
1-Phenyl-1-butene	824-90-8	NIST02.L	13570	C10H12	132	46
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13620	C10H12	132	45



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

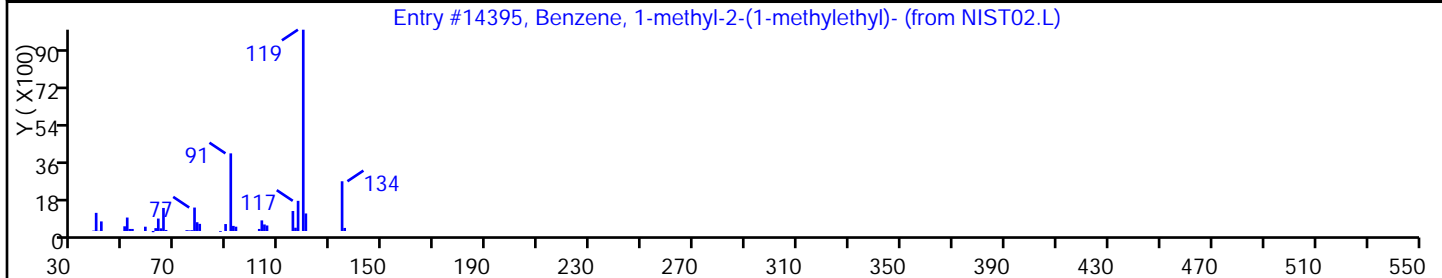
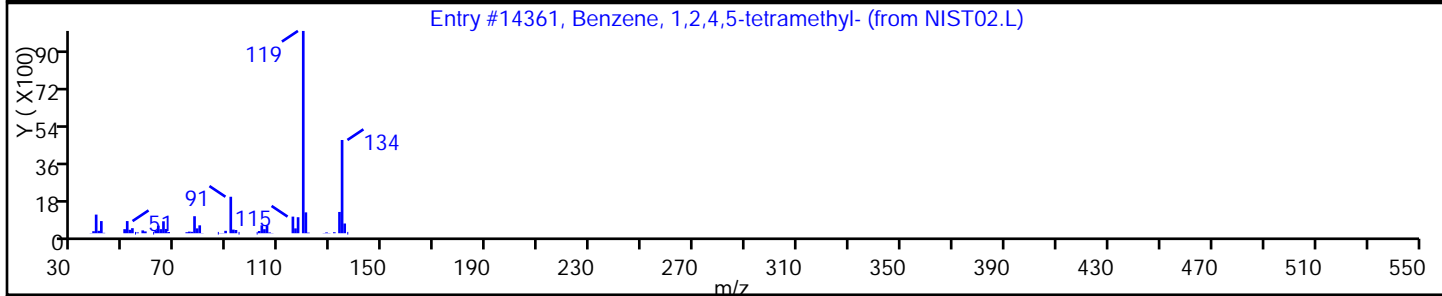
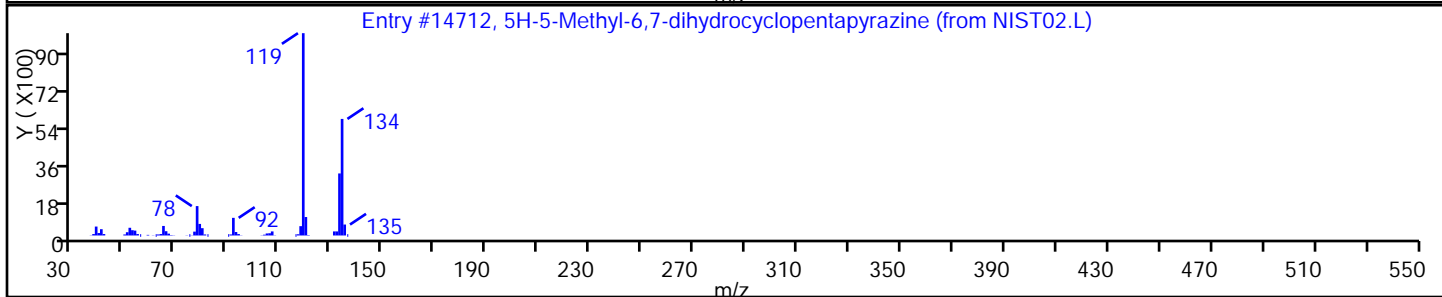
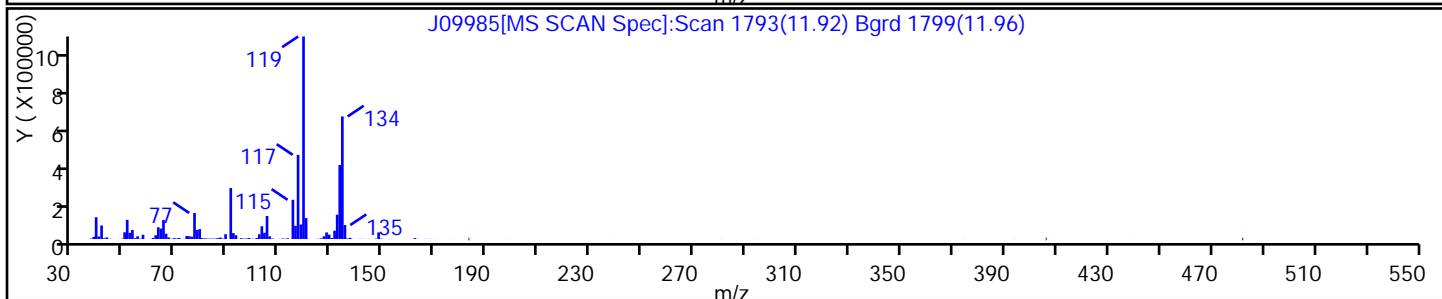
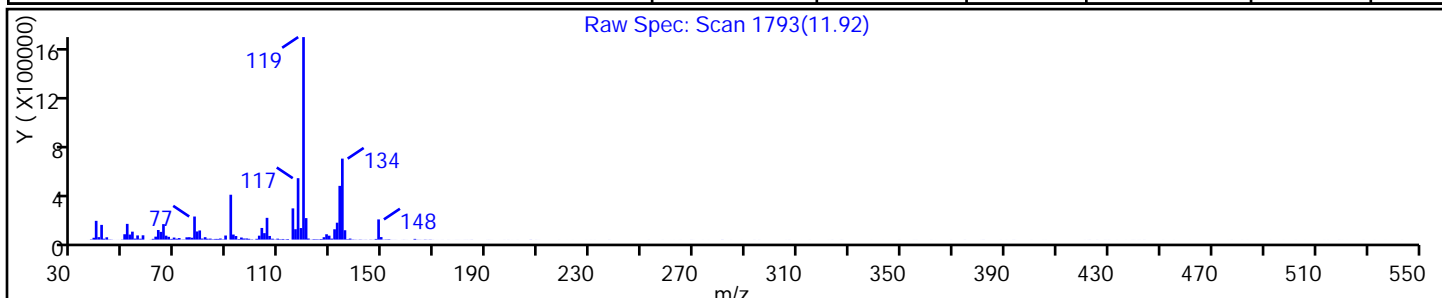
Method: 8260_W8

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
5H-5-Methyl-6,7-dihydrocyclopentapyrazin	23747-48-0	NIST02.L	14712	C8H10N2	134	70
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	64
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14395	C10H14	134	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

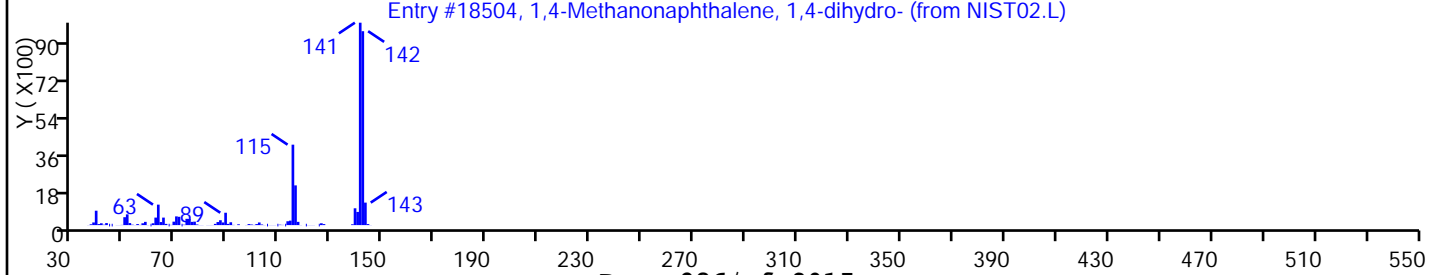
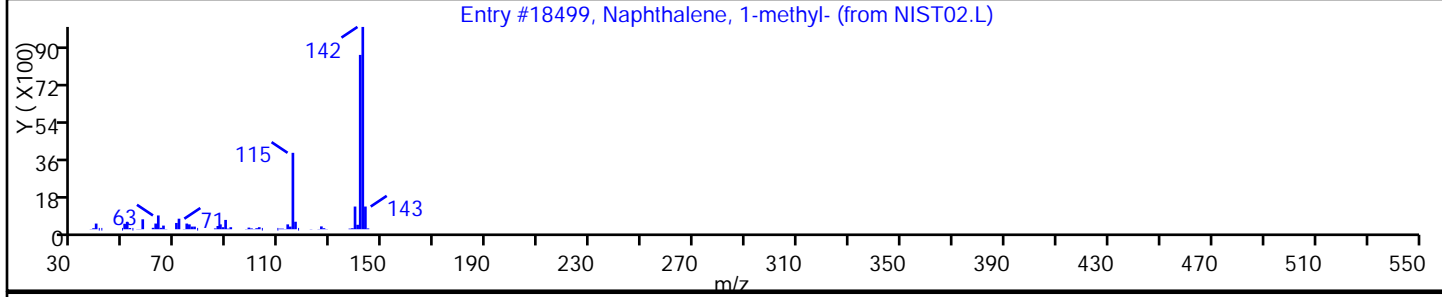
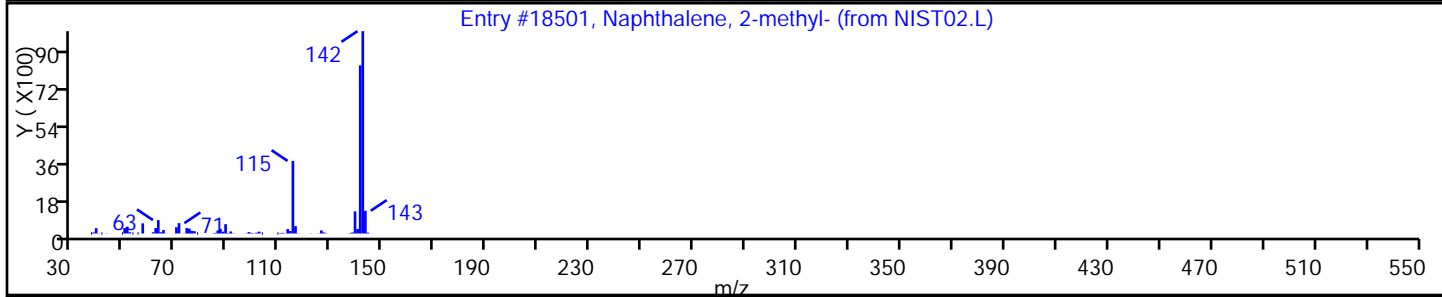
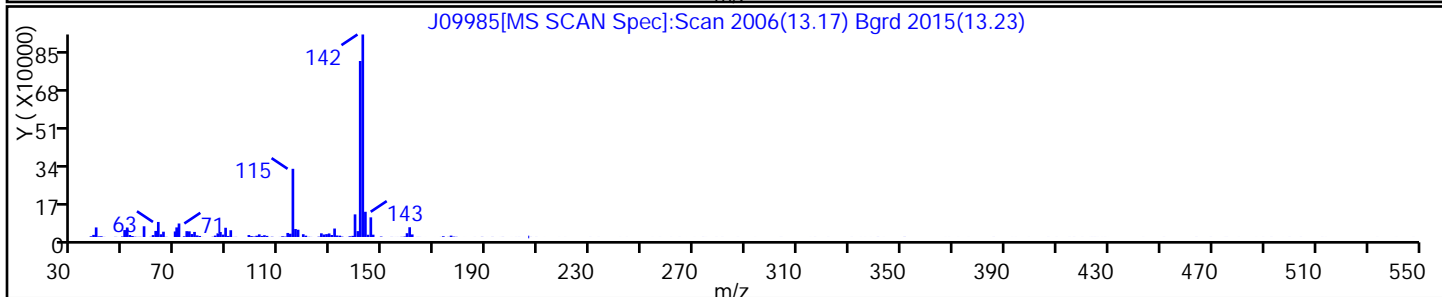
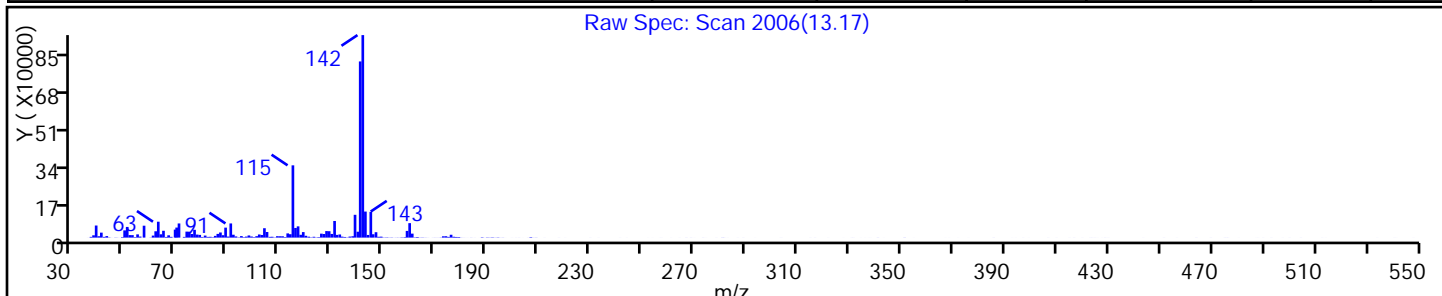
Method: 8260_W8

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140313-10838.b\J09985.D

Injection Date: 14-Mar-2014 06:47:30

Instrument ID: CVOAMS8

Lims ID: 460-72180-C-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 50.0000

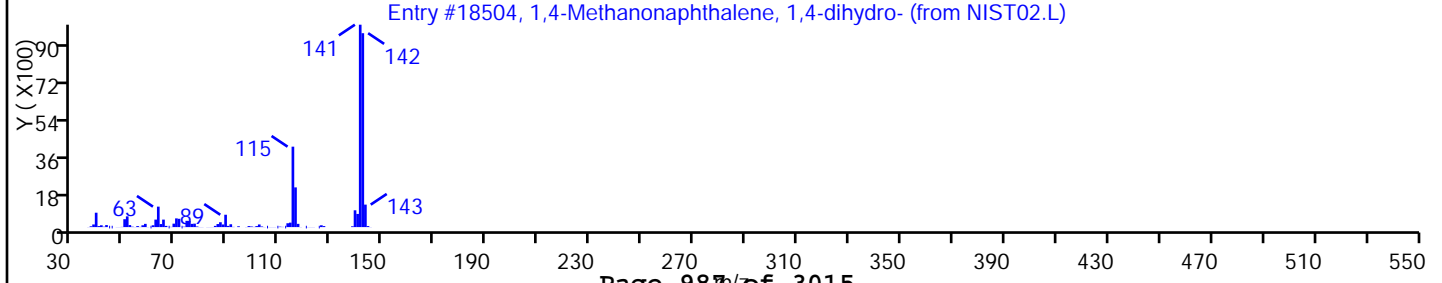
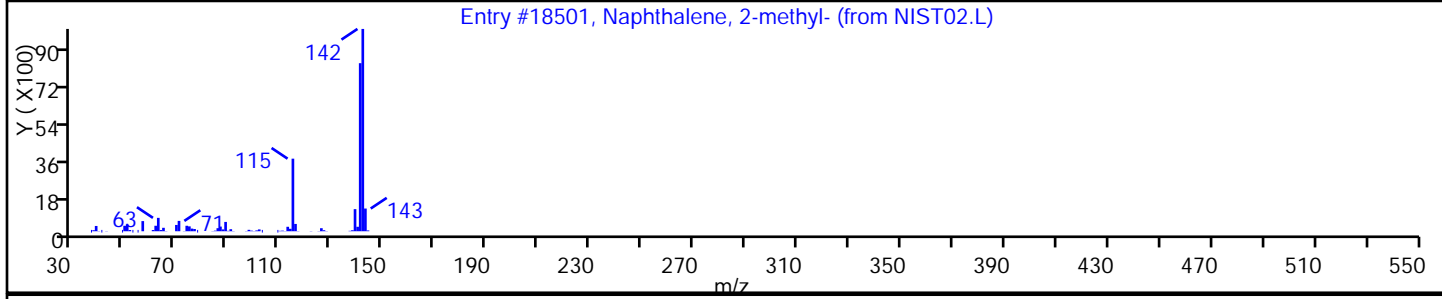
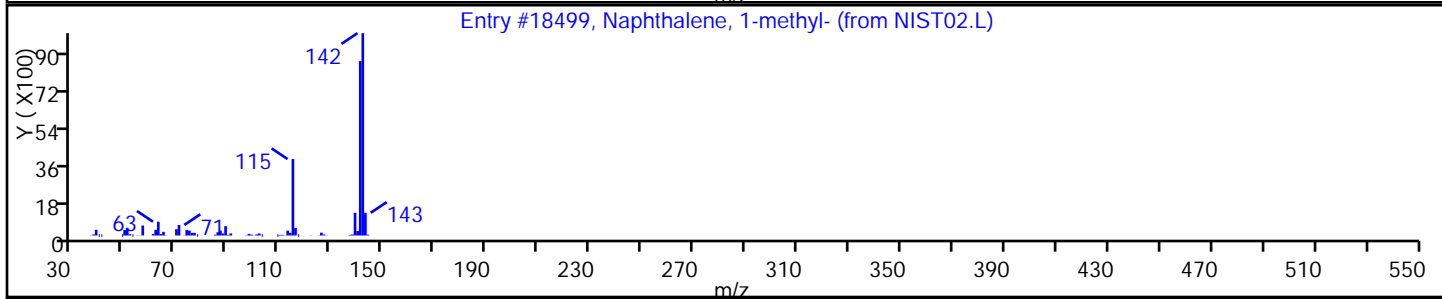
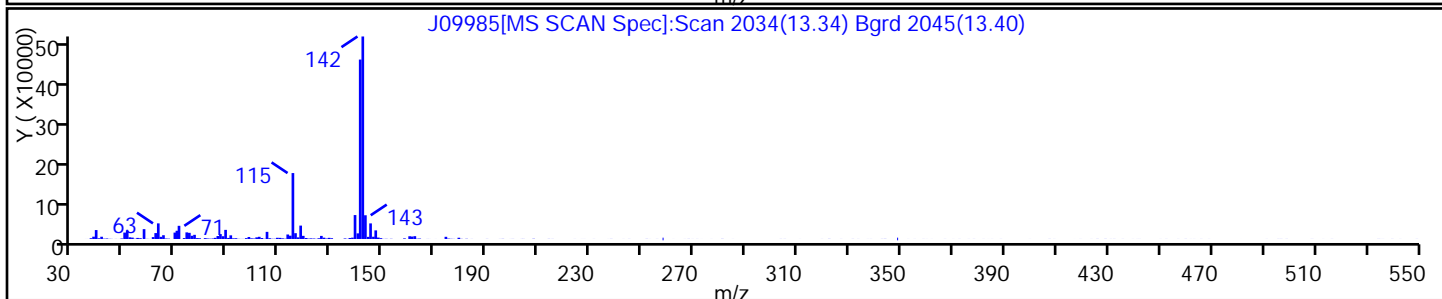
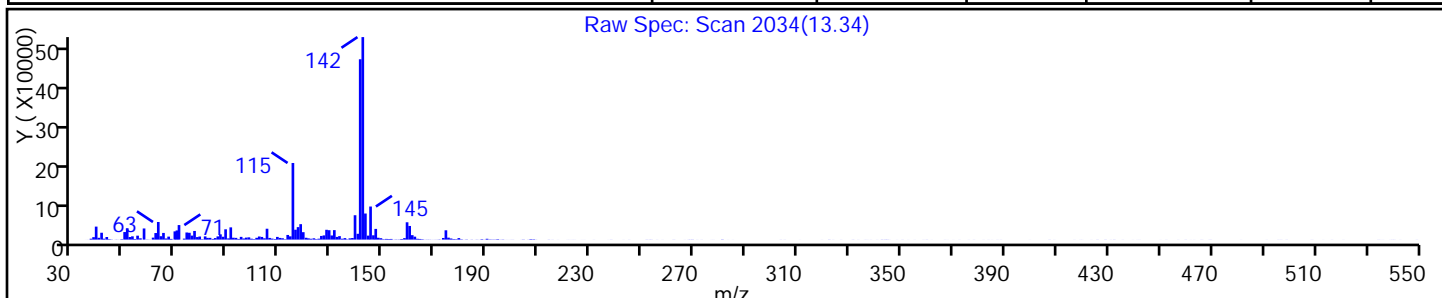
Method: 8260_W8

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: O84783.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 5.454(g) Date Analyzed: 03/14/2014 08:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.0 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.17	U	1.1	0.17
74-83-9	Bromomethane	0.46	U	1.1	0.46
75-01-4	Vinyl chloride	0.36	U	1.1	0.36
75-00-3	Chloroethane	0.35	U	1.1	0.35
75-09-2	Methylene Chloride	1.9		1.1	0.16
67-64-1	Acetone	25	B	5.3	1.8
75-15-0	Carbon disulfide	2.5		1.1	0.16
75-69-4	Trichlorofluoromethane	0.17	U	1.1	0.17
75-35-4	1,1-Dichloroethene	0.20	U	1.1	0.20
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	4.8		1.1	0.26
78-93-3	2-Butanone	5.4		5.3	0.67
107-06-2	1,2-Dichloroethane	0.19	U	1.1	0.19
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	0.18	U	1.1	0.18
100-42-5	Styrene	0.30	U	1.1	0.30
100-41-4	Ethylbenzene	0.18	U	1.1	0.18
108-90-7	Chlorobenzene	0.19	U	1.1	0.19
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	5.3	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	0.34	U	5.3	0.34
123-91-1	1,4-Dioxane	14	U	21	14
79-01-6	Trichloroethene	0.33	J	1.1	0.13
108-88-3	Toluene	0.30	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	0.74	J	5.3	0.21
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	0.17	U	1.1	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: O84783.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 5.454(g) Date Analyzed: 03/14/2014 08:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.0 Level: (low/med) Low
 Analysis Batch No.: 212542 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	2.4		1.1	0.20
87-61-6	1,2,3-Trichlorobenzene	1.1		1.1	0.17
78-87-5	1,2-Dichloropropane	0.16	U	1.1	0.16
108-87-2	Methylcyclohexane	0.20	J	1.1	0.11
127-18-4	Tetrachloroethene	0.34	J	1.1	0.13
1330-20-7	Xylenes, Total	1.1	J	2.1	0.71
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.1	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.096	U	1.1	0.096
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	0.23	U	1.1	0.23
74-97-5	Bromochloromethane	0.12	U	1.1	0.12
75-27-4	Bromodichloromethane	0.34	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	92		70-130
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: O84783.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 5.454(g) Date Analyzed: 03/14/2014 08:47
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: 14.0 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 183

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	12.14	17	J
2958-75-0	1-Methyldecahydronaphthalene	12.38	17	J N
488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.85	19	J N
112-40-3	Dodecane	12.94	16	J N
4292-75-5	Cyclohexane, hexyl-	13.43	22	J N
629-50-5	Tridecane	13.81	21	J N
56253-64-6	Benzene, (2-methyl-1-butenyl)-	13.91	19	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	16	J N
629-59-4	Tetradecane	14.52	22	J N
544-76-3	Hexadecane	14.92	14	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D
 Lims ID: 460-72180-B-25-A Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 14-Mar-2014 08:47:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-25-A
 Misc. Info.: 460-0010850-011
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:54:22 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:54:22

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.585	-0.001	79	40790	23.8	
21 Carbon disulfide	76	1.663	1.656	0.007	100	33481	2.31	
25 Methylene Chloride	84	1.821	1.814	0.007	87	8785	1.78	
* 151 TBA-d9 (IS)	65	1.849	1.857	-0.008	99	432154	1000.0	
43 2-Butanone (MEK)	72	2.680	2.673	0.007	50	2950	5.09	
47 Chloroform	83	2.895	2.895	0.0	93	35901	4.46	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	95	139754	43.7	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	93	141847	42.6	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	791434	50.0	
61 Trichloroethene	95	3.934	3.934	0.0	61	1554	0.3050	
63 Methylcyclohexane	83	4.106	4.099	0.007	49	1818	0.1830	
* 150 1,4-Dioxane-d8	96	4.285	4.271	0.014	88	42355	1000.0	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	56	3729	0.6983	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	98	664841	43.4	
77 Toluene	91	5.331	5.331	0.0	83	6444	0.2836	
80 Tetrachloroethene	166	5.997	5.990	0.007	67	1472	0.3151	
* 87 Chlorobenzene-d5	117	7.121	7.122	-0.001	86	584710	50.0	
92 o-Xylene	106	8.117	8.117	0.0	89	9499	1.01	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	84	189070	45.9	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	98	284313	50.0	
124 1,2,4-Trichlorobenzene	180	13.181	13.182	-0.001	66	15332	2.27	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	16	6393	1.03	
S 131 Xylenes, Total	100				0		1.01	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D
 Lims ID: 460-72180-B-25-A Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 14-Mar-2014 08:47:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-25-A
 Misc. Info.: 460-0010850-011
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:54:22 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 09:54:22

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
12.143	559683	15.6	116					
	2958-75-0	1-Methyldecahydronaphthalene						
12.379	559434	15.6	116	97	24317	C11H20	152	
	488-23-3	Benzene, 1,2,3,4-tetramethyl-						
12.845	624831	17.4	116	81	14353	C10H14	134	
	112-40-3	Dodecane						
12.938	531642	14.8	116	64	36156	C12H26	170	
	4292-75-5	Cyclohexane, hexyl-						
13.425	750919	21.0	116	43	34734	C12H24	168	
	629-50-5	Tridecane						
13.812	708701	19.8	116	93	45540	C13H28	184	
	56253-64-6	Benzene, (2-methyl-1-butenyl)-						
13.905	653563	18.2	116	76	20721	C11H14	146	
	31295-56-4	Dodecane, 2,6,11-trimethyl-						
14.378	537001	15.0	116	70	64591	C15H32	212	
	629-59-4	Tetradecane						
14.521	742655	20.7	116	95	55007	C14H30	198	
	544-76-3	Hexadecane						
14.922	466376	13.0	116	86	73966	C16H34	226	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	1791264	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Worklist Smp#: 11

Client ID: DUP2_030714

Purge Vol: 5.000 mL

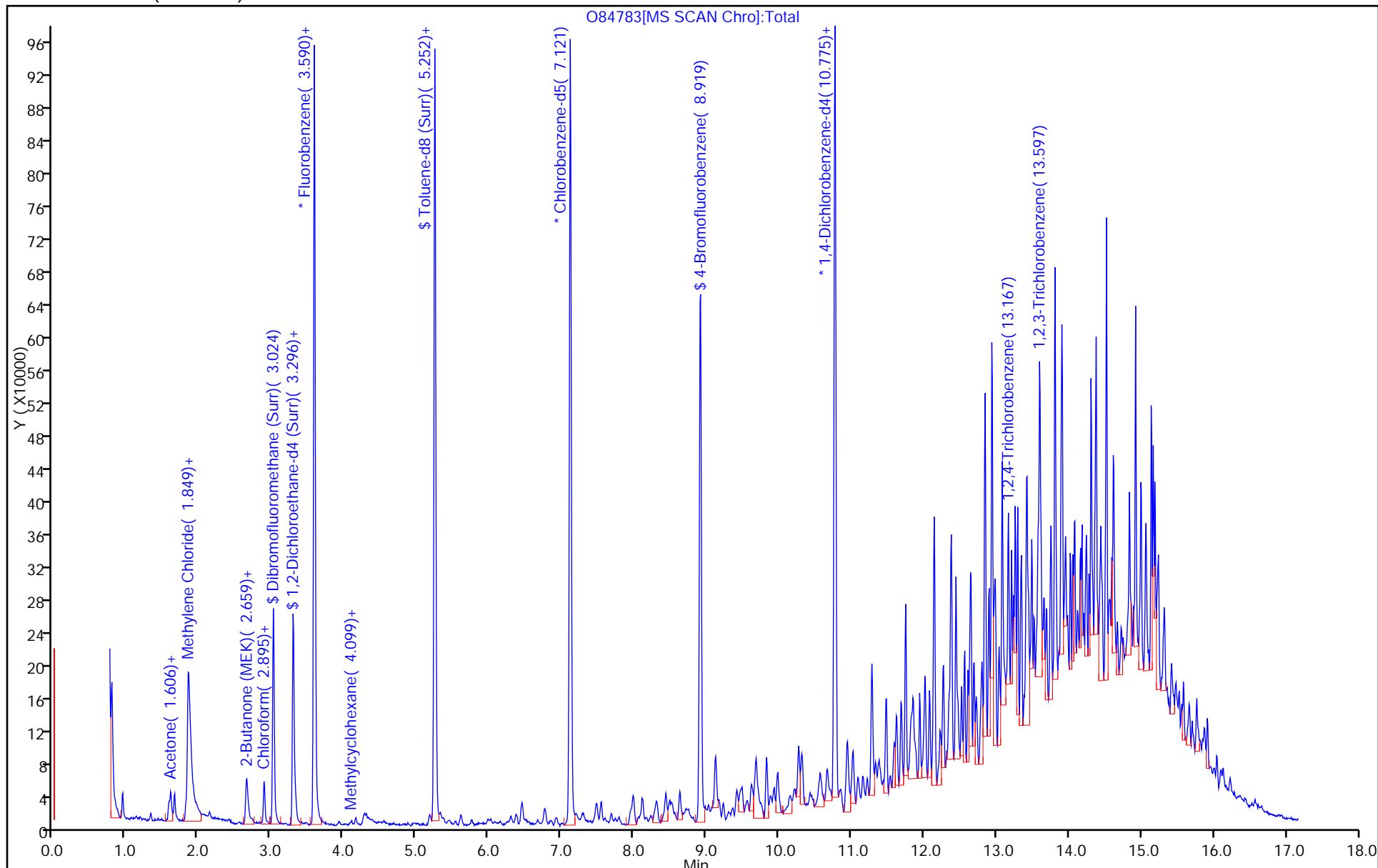
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

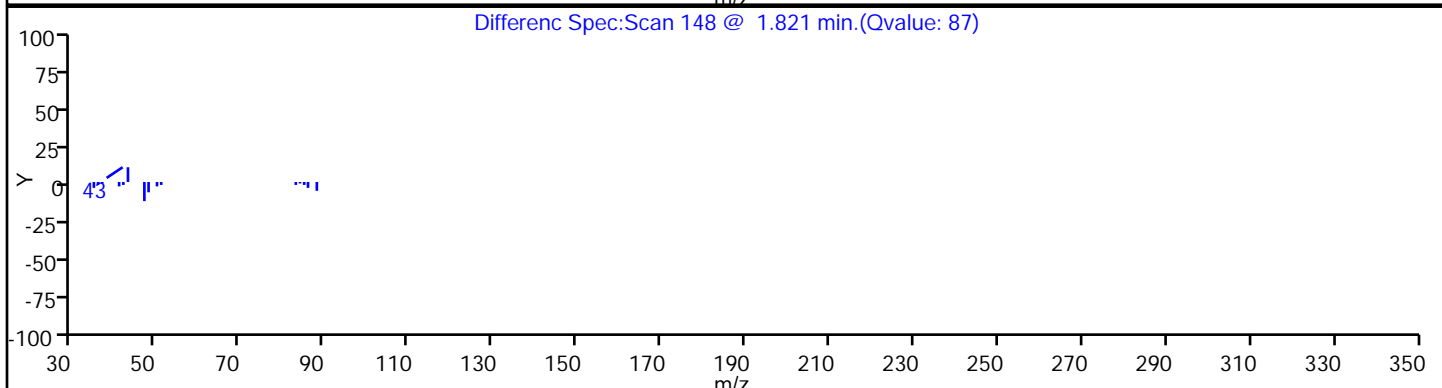
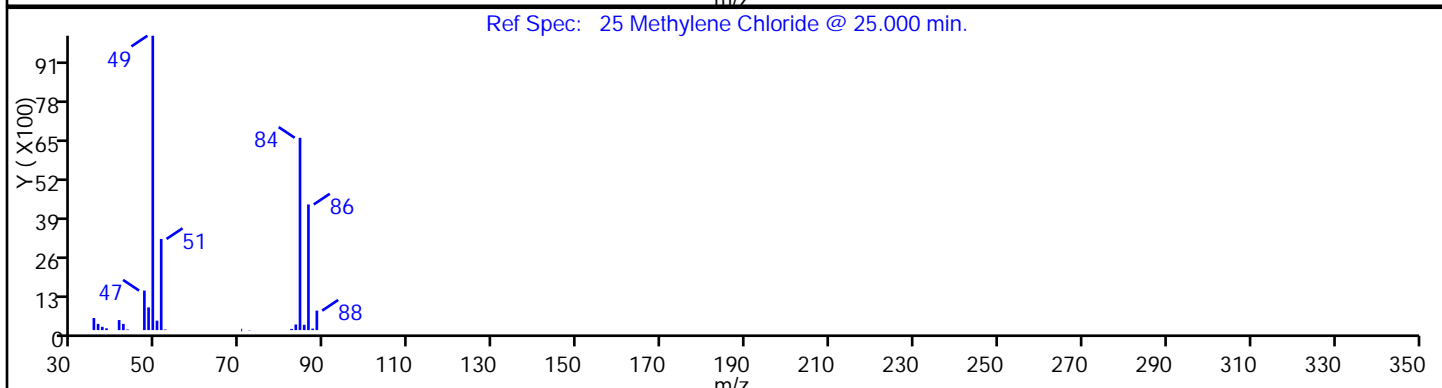
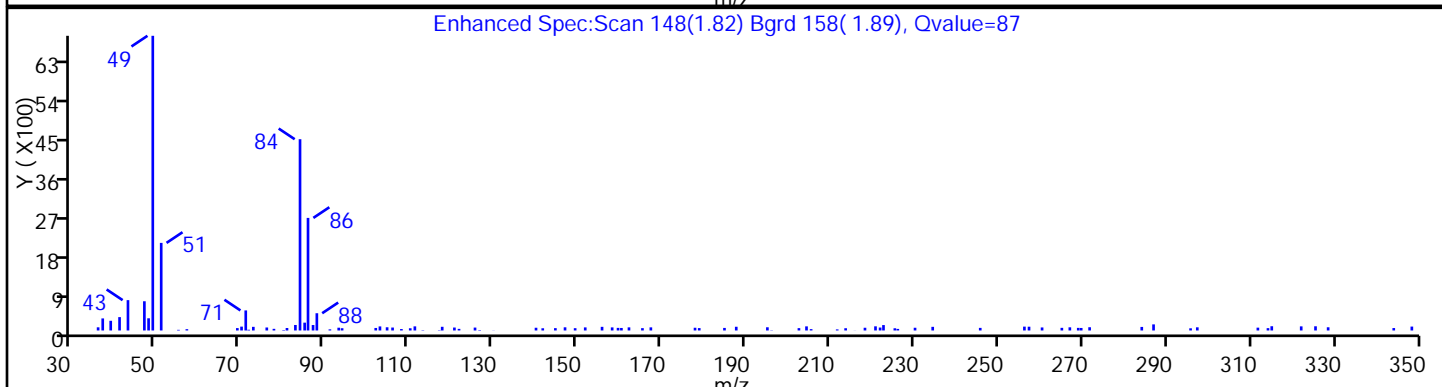
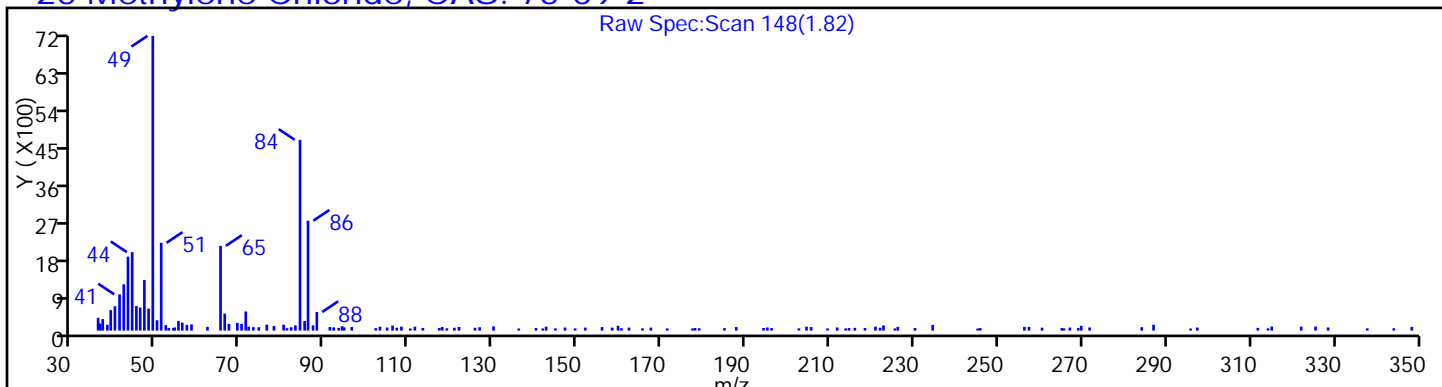
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

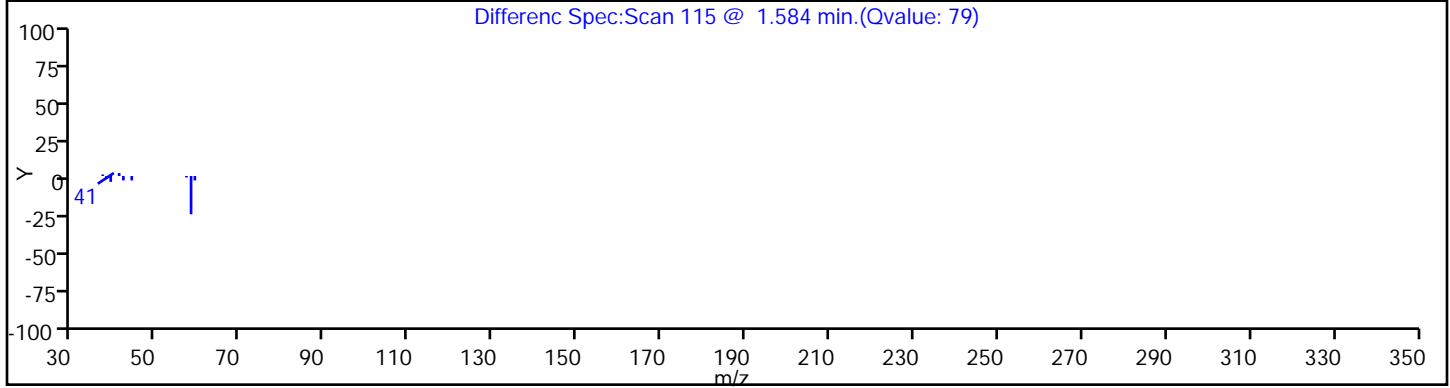
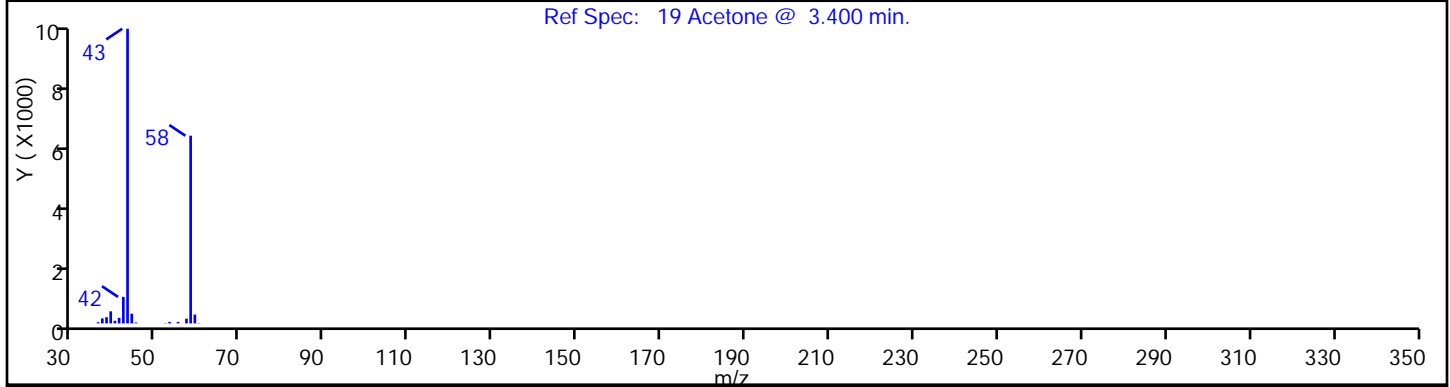
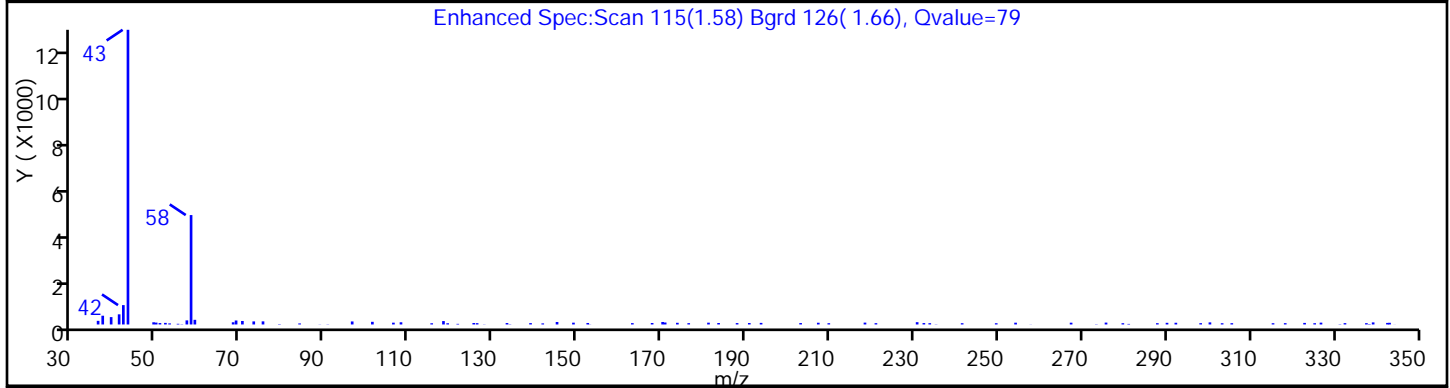
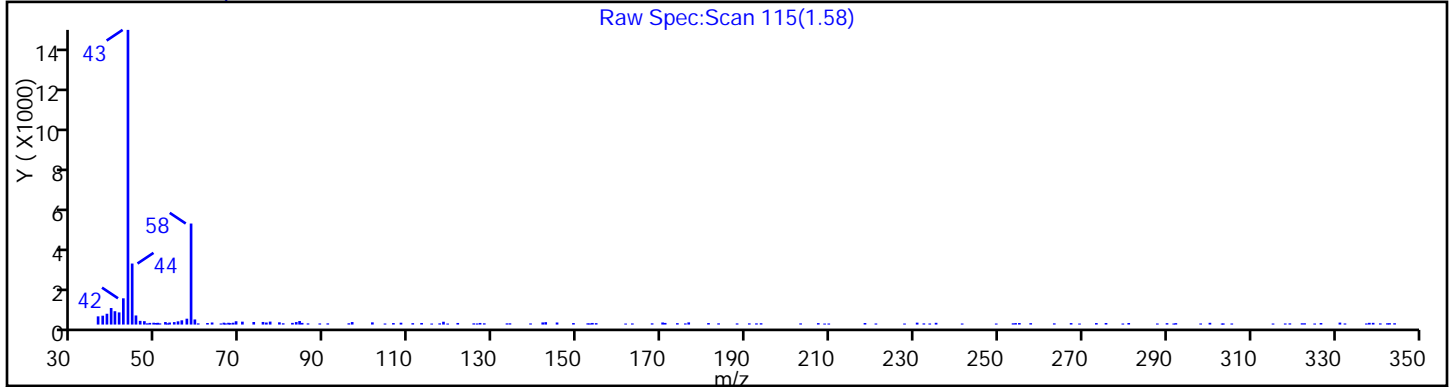
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

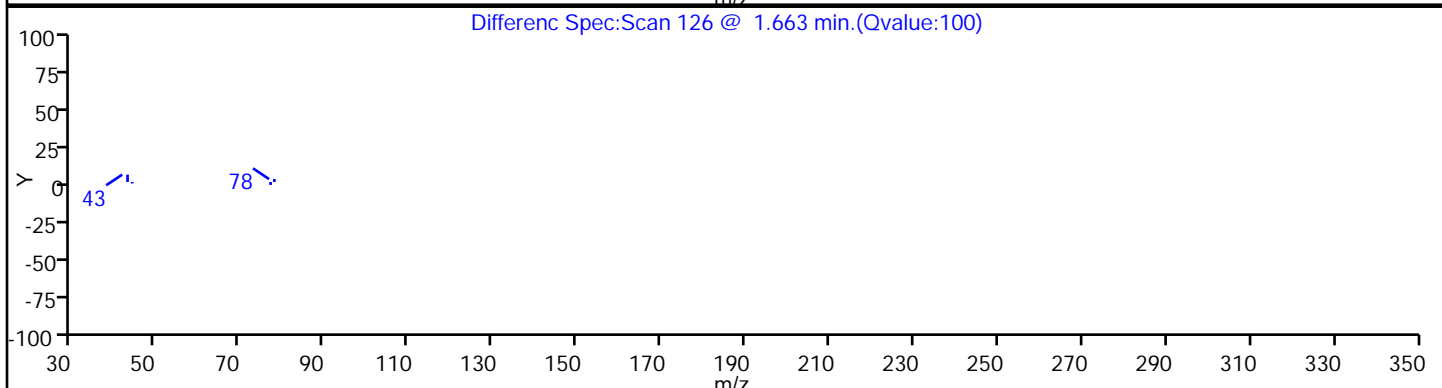
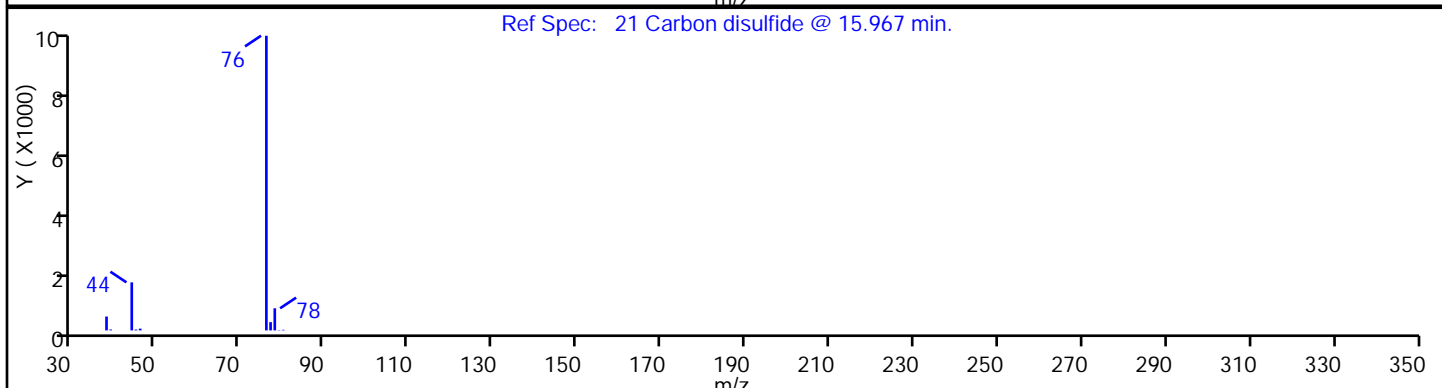
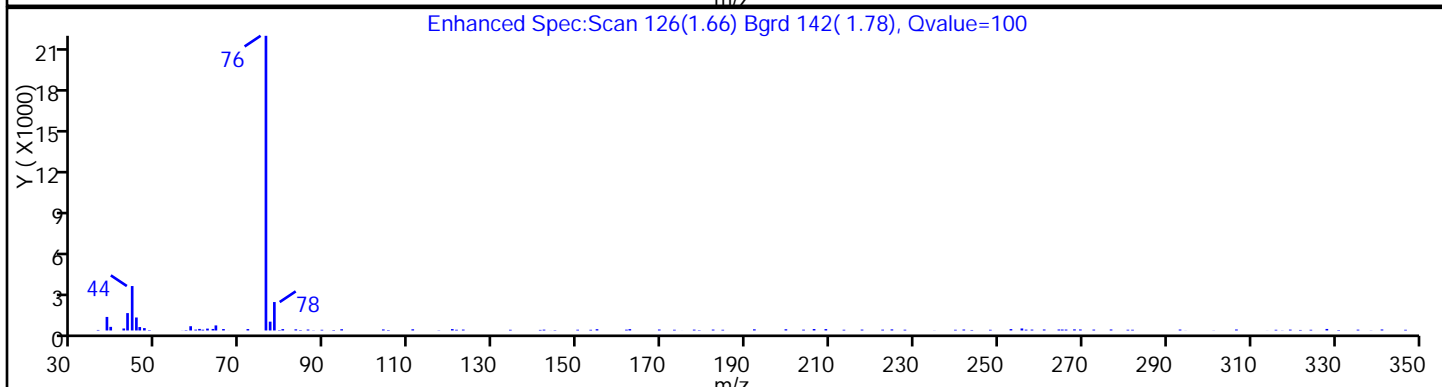
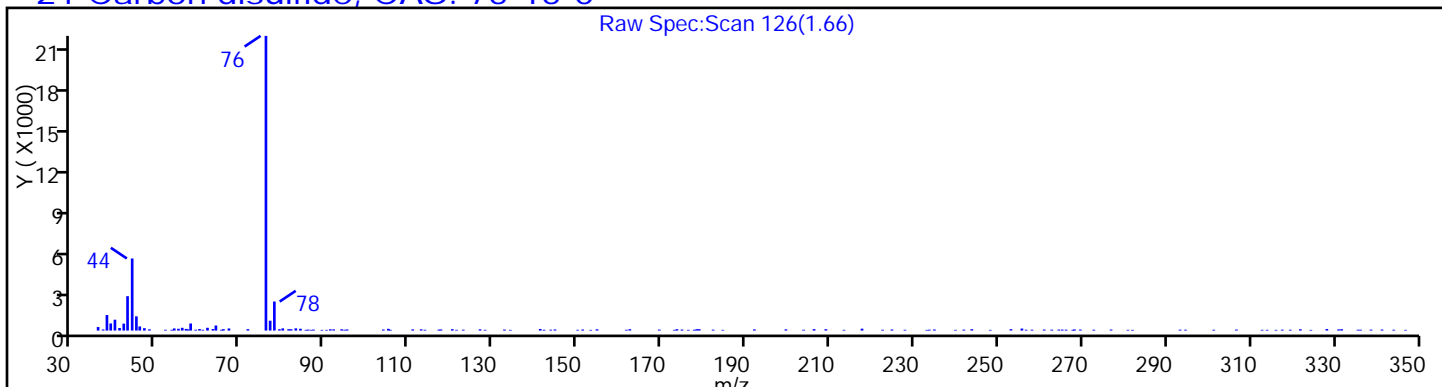
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

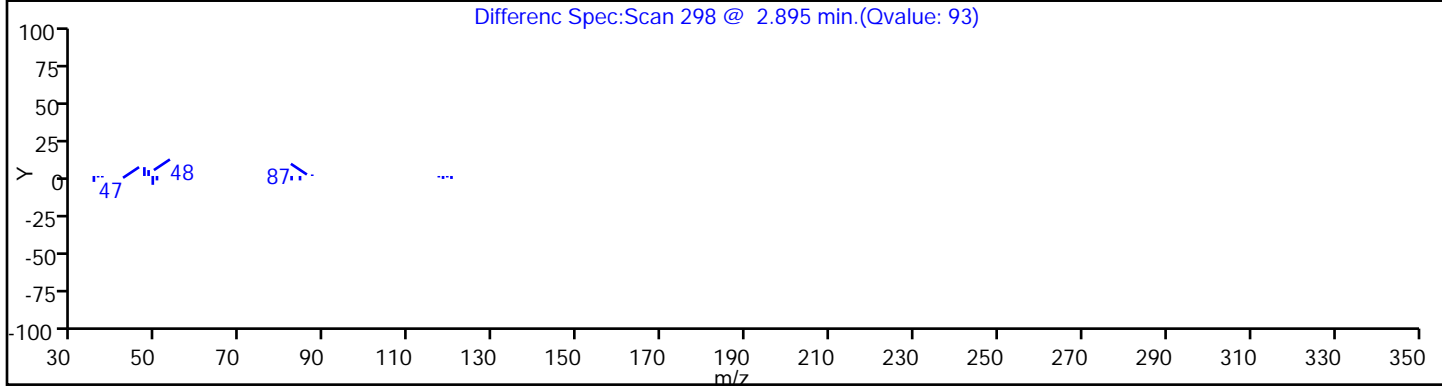
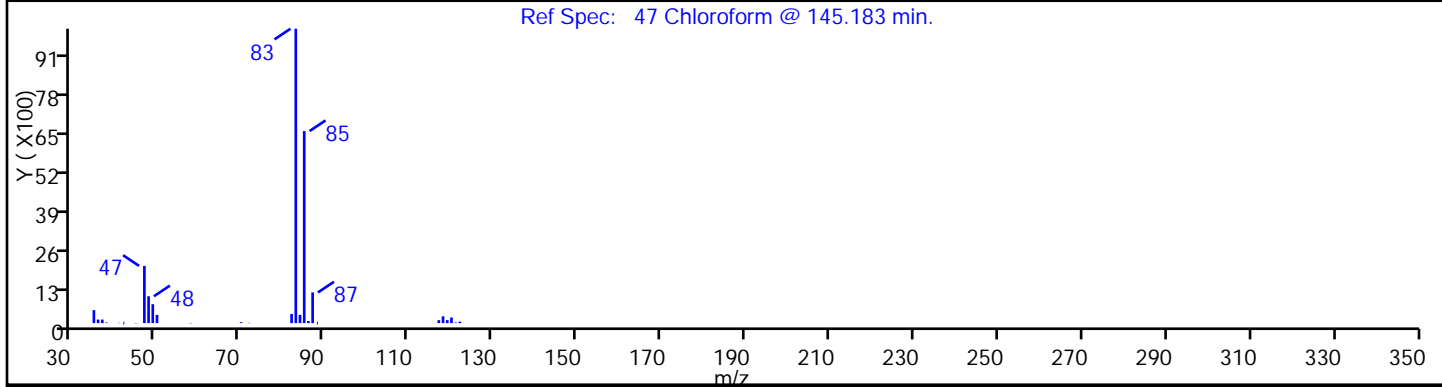
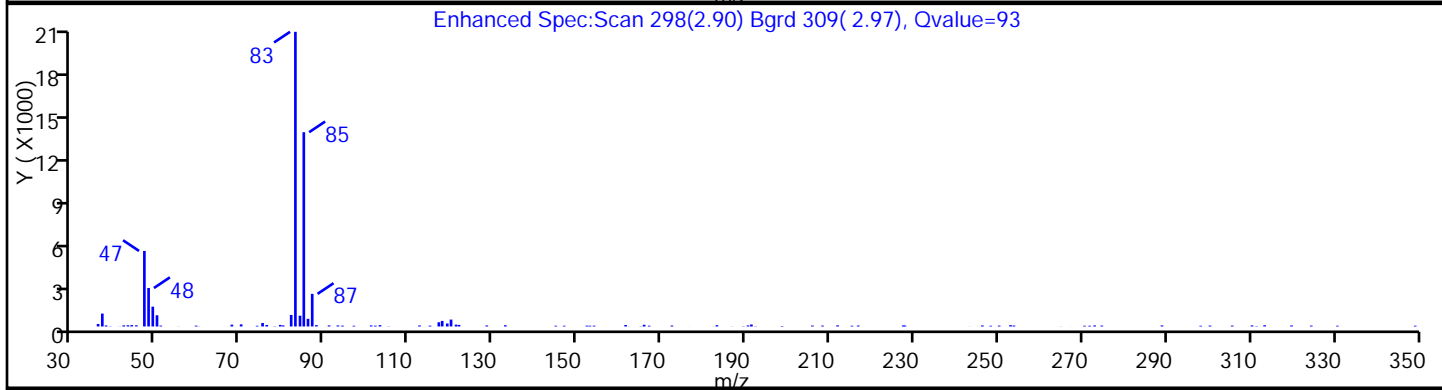
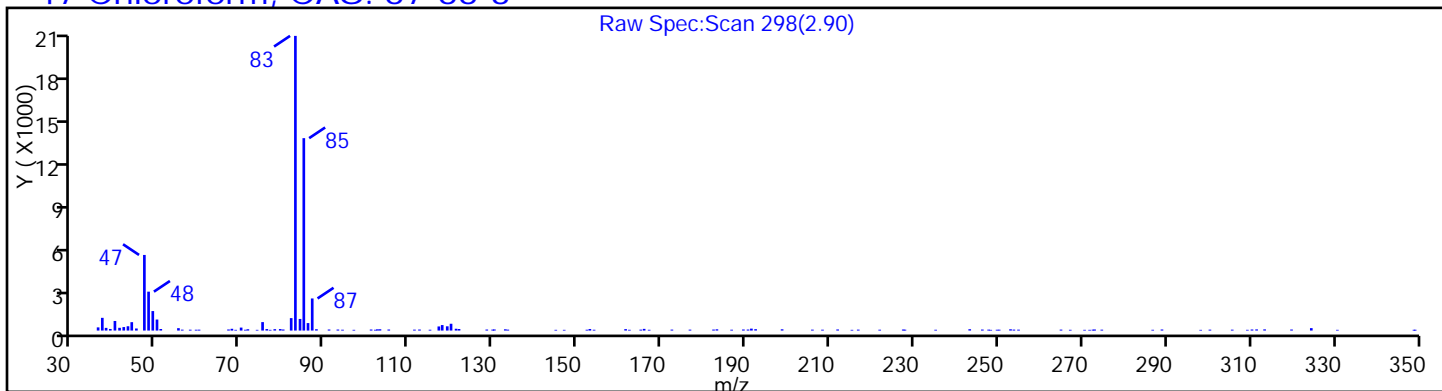
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

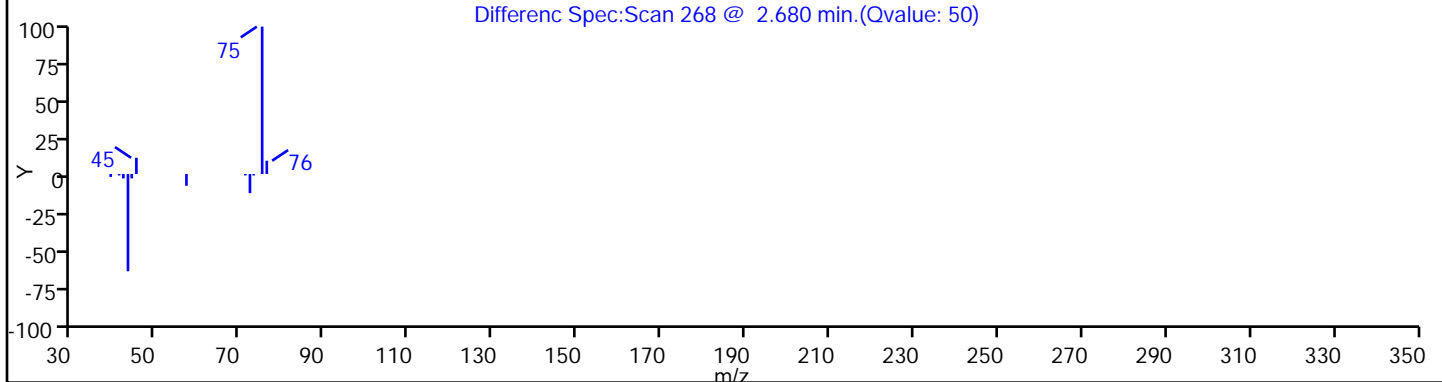
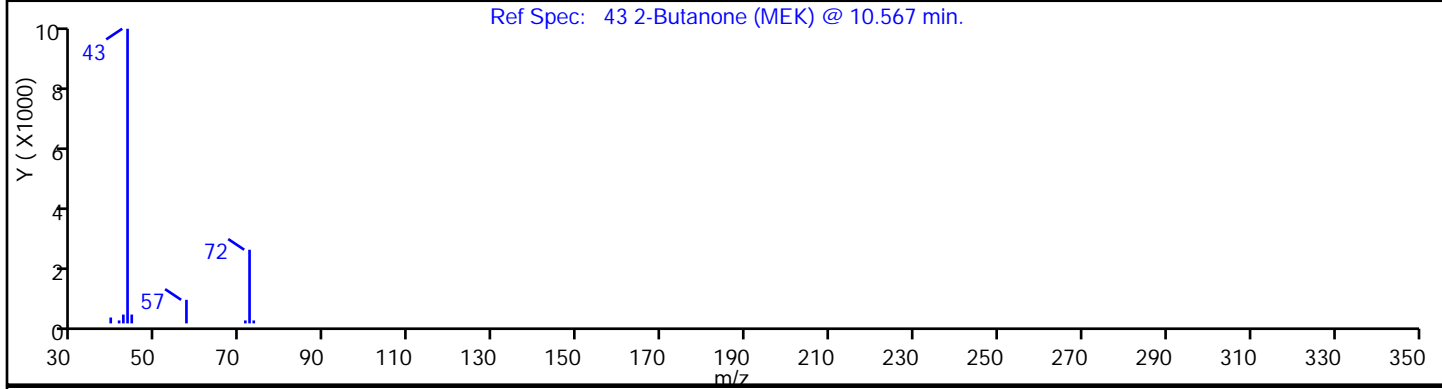
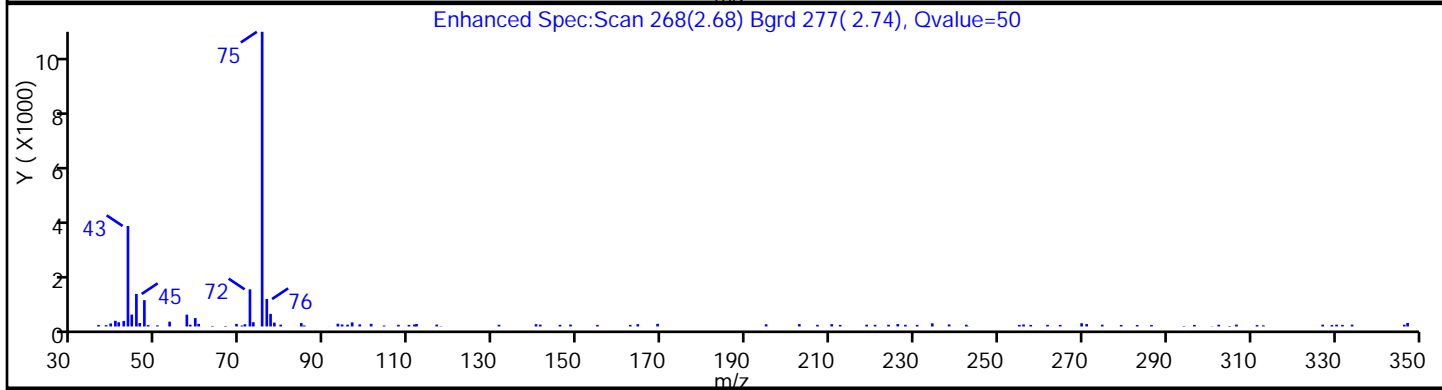
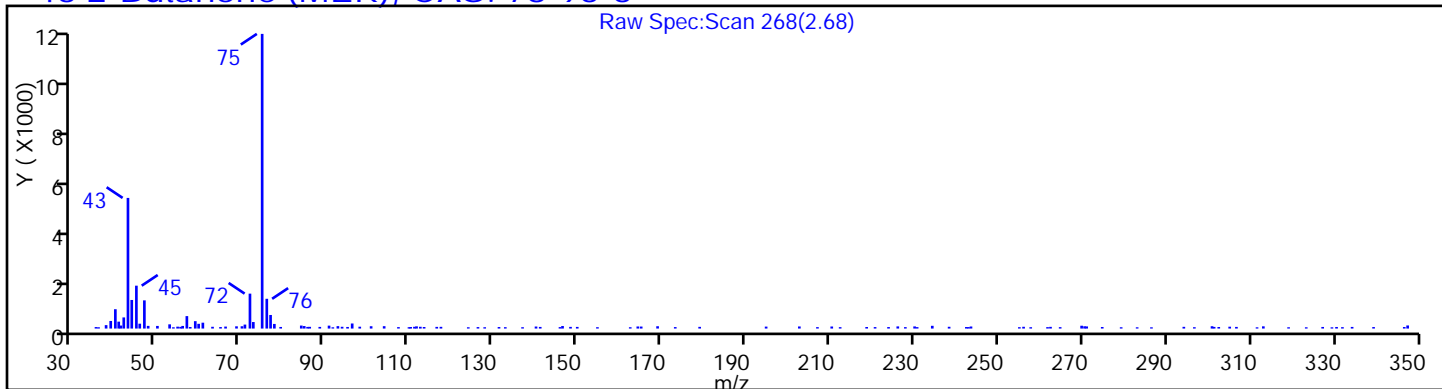
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

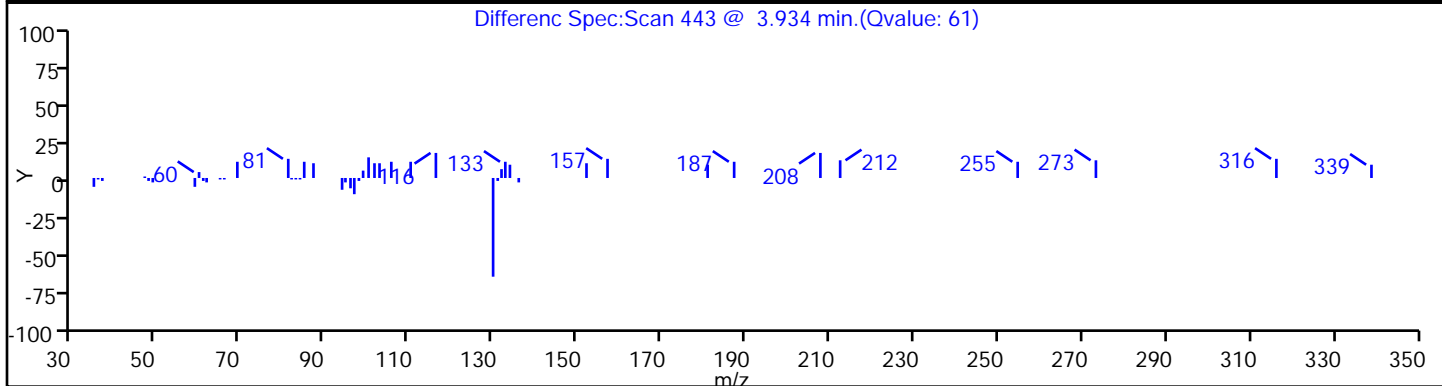
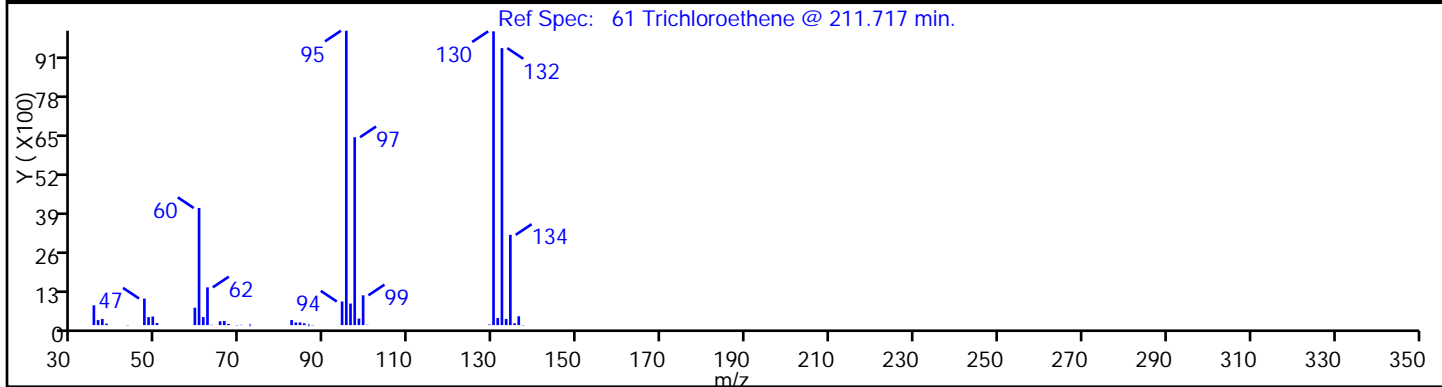
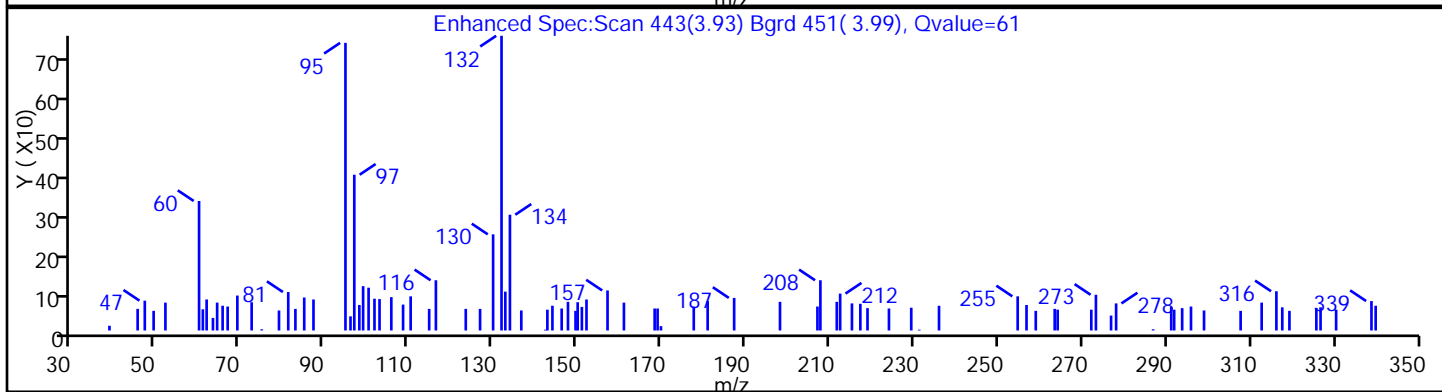
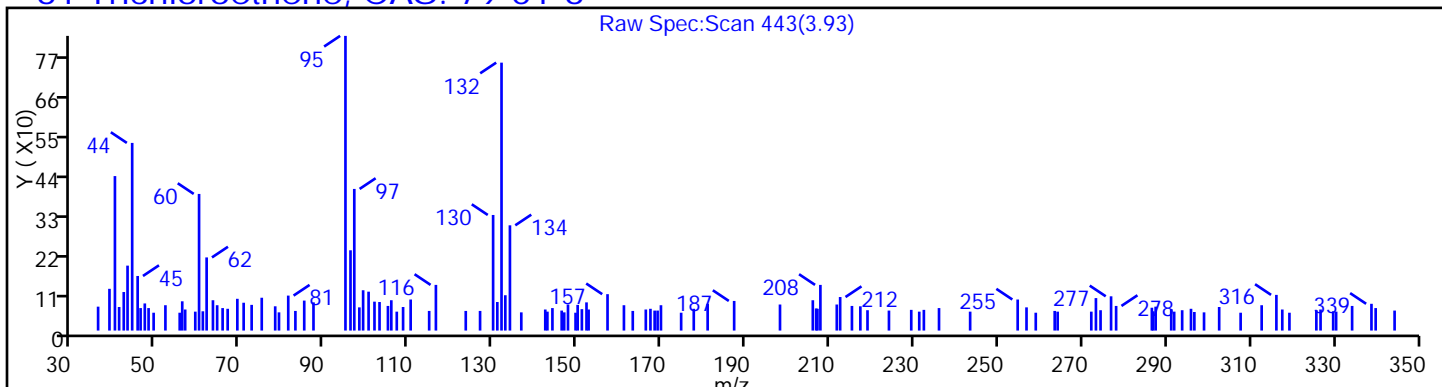
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

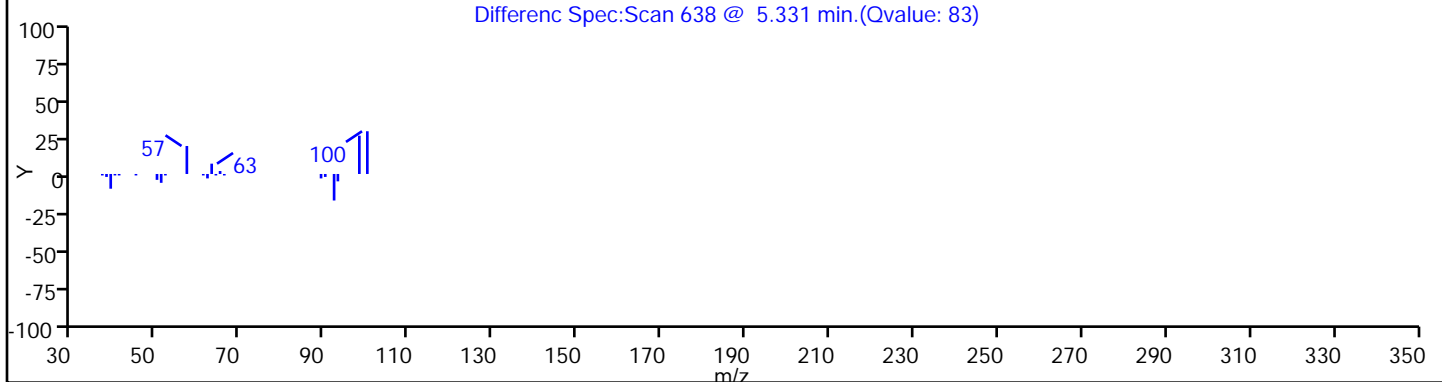
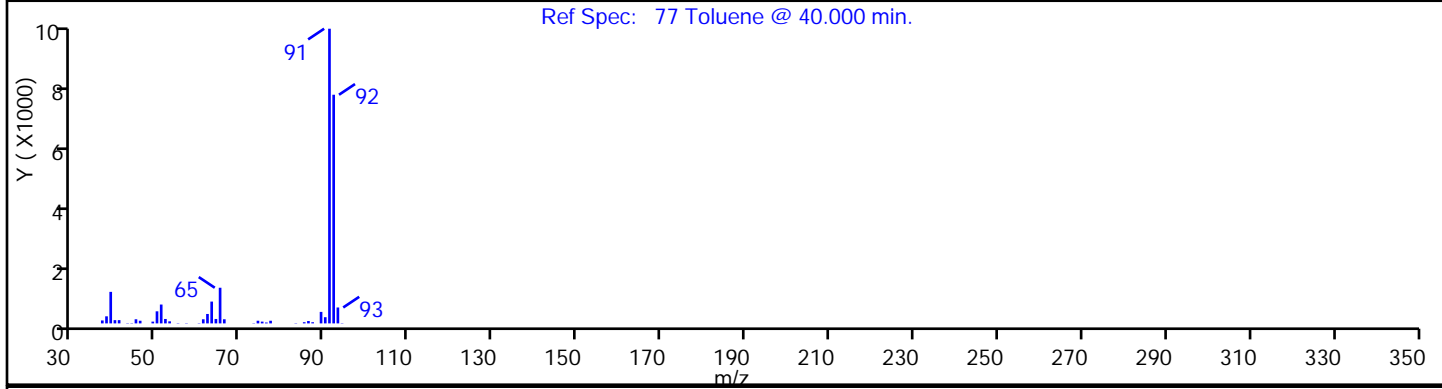
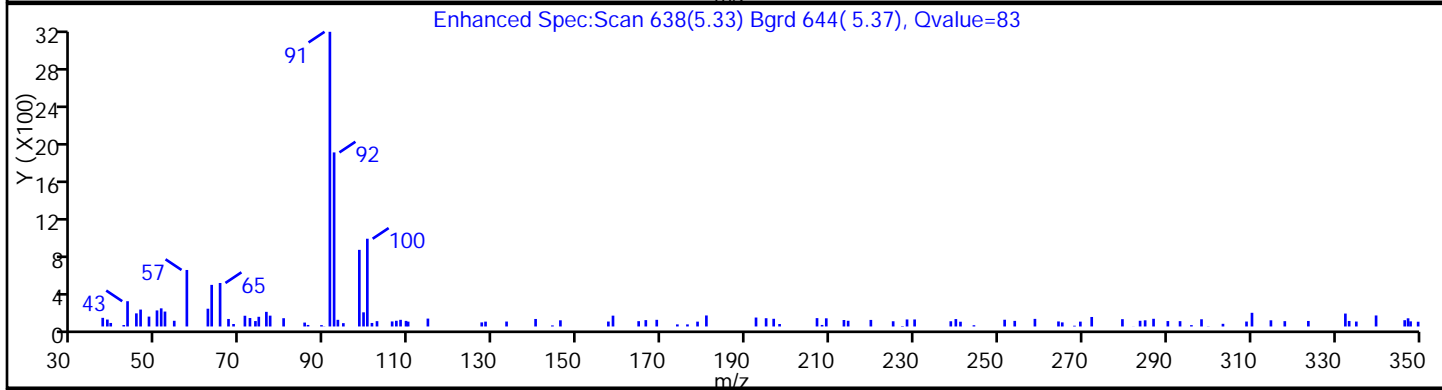
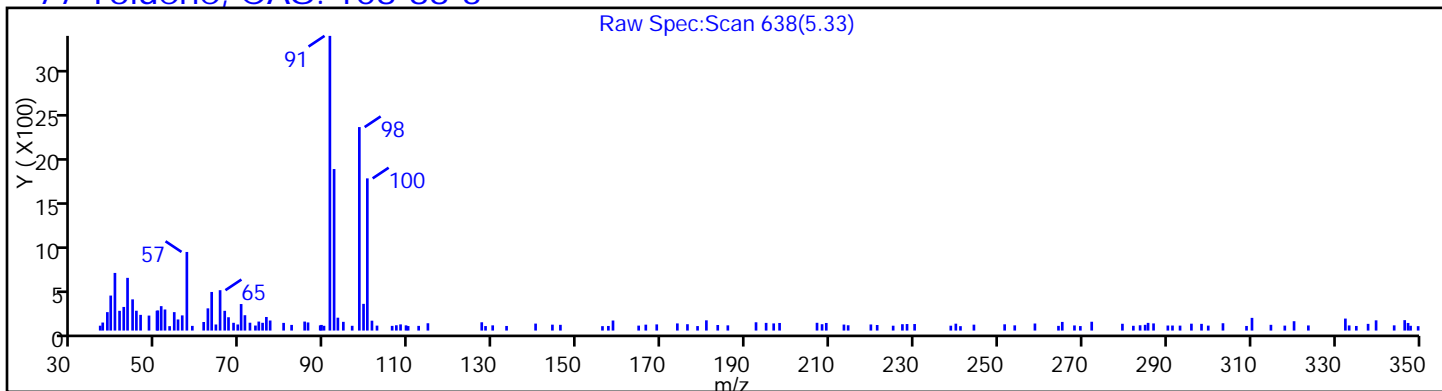
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

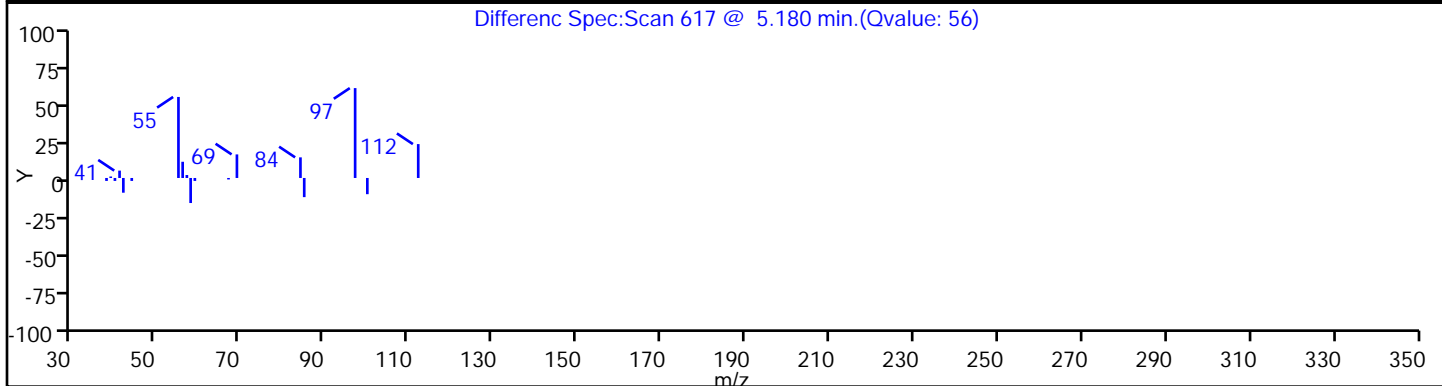
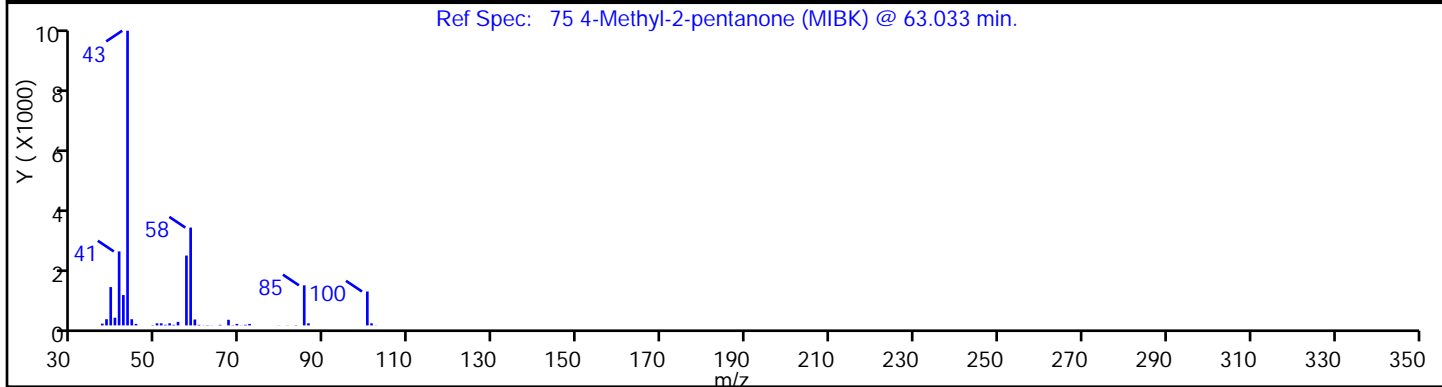
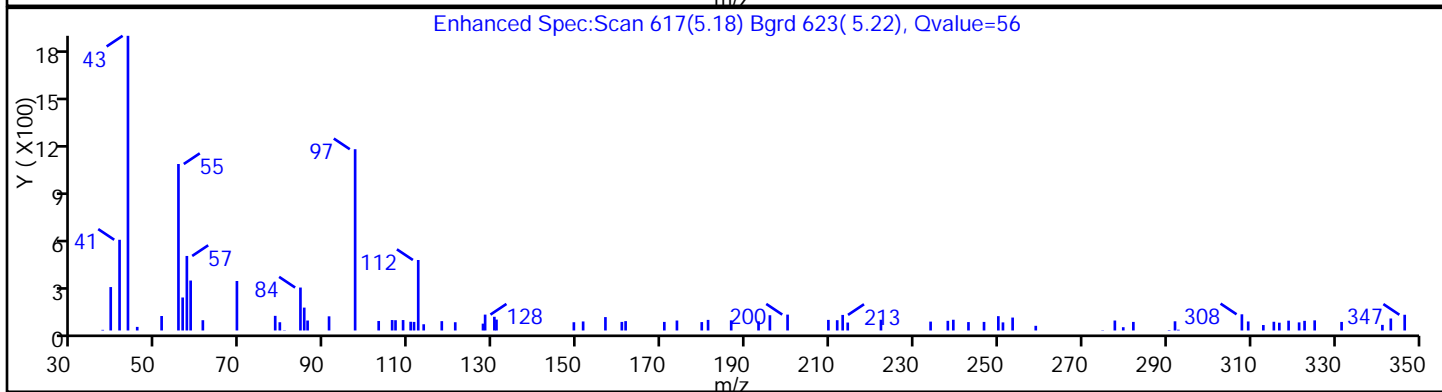
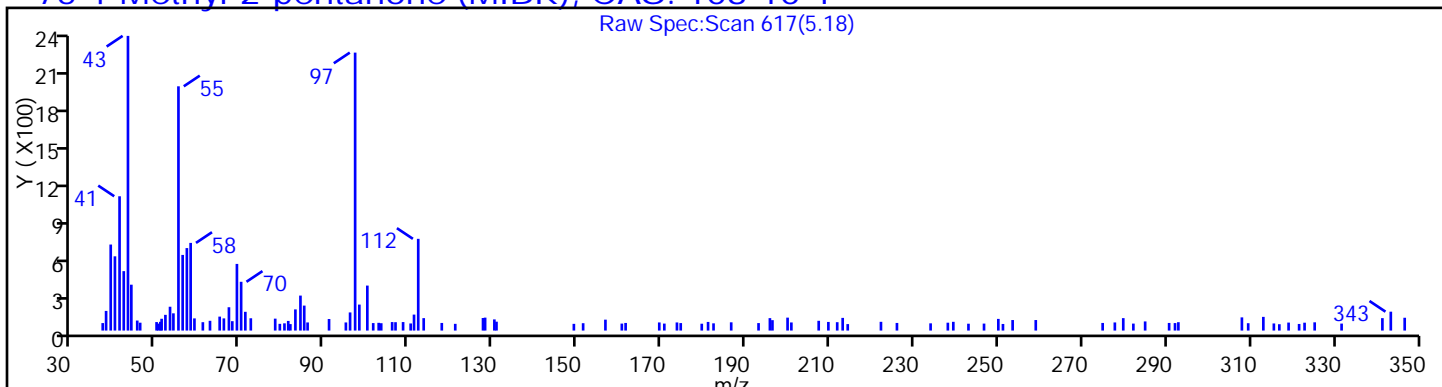
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector MS SCAN

75 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

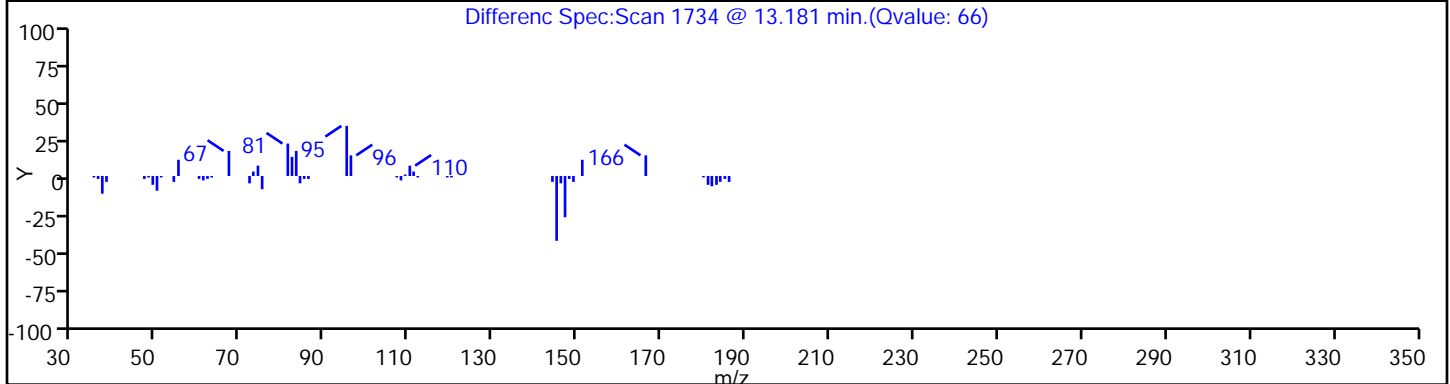
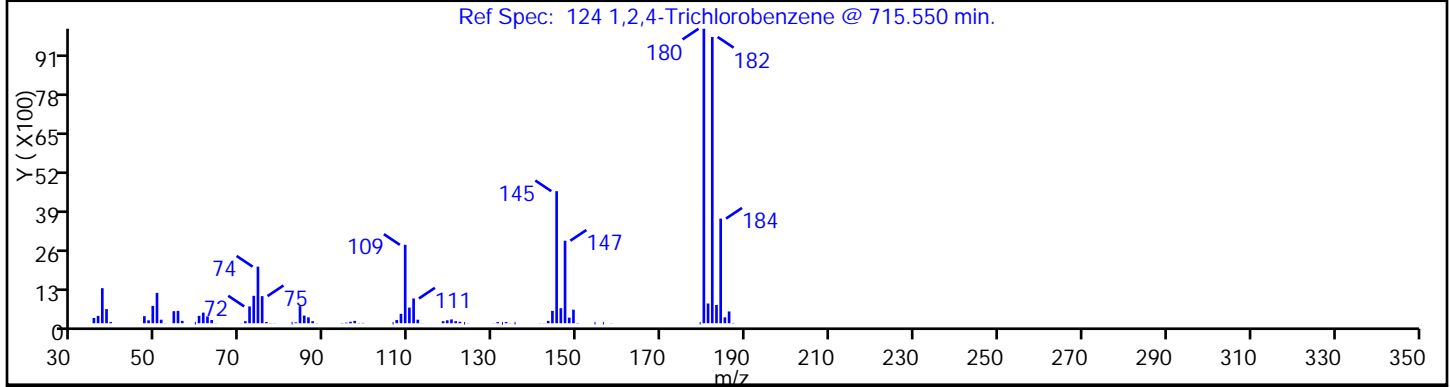
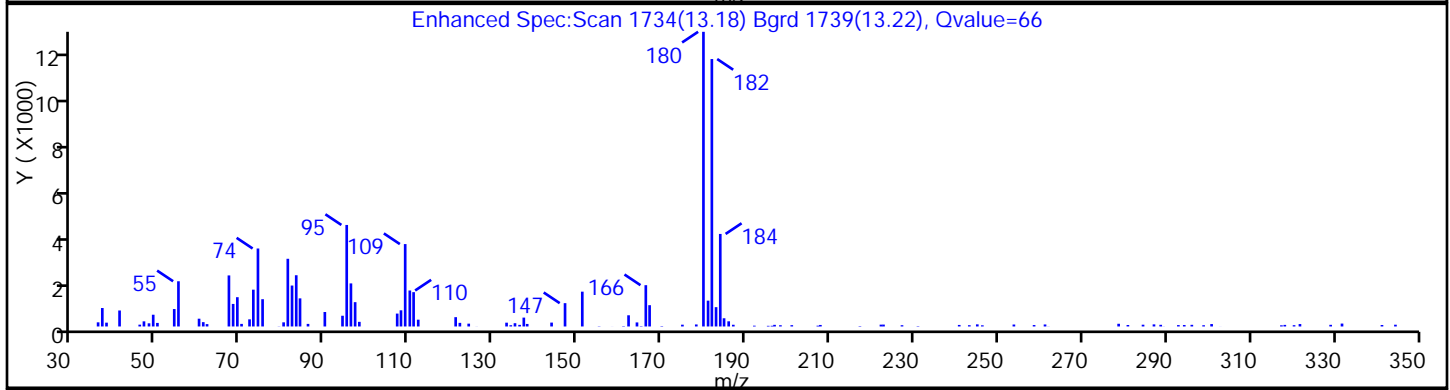
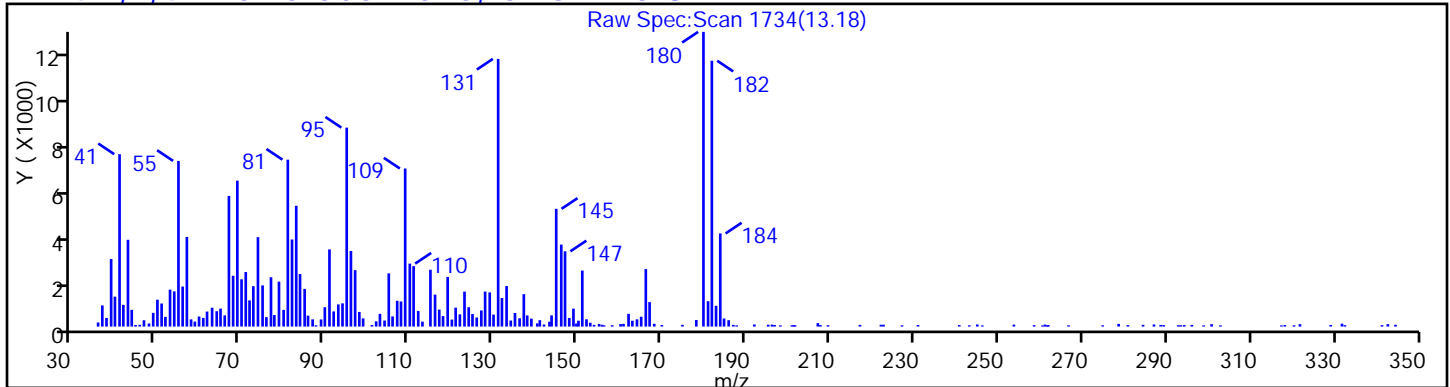
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

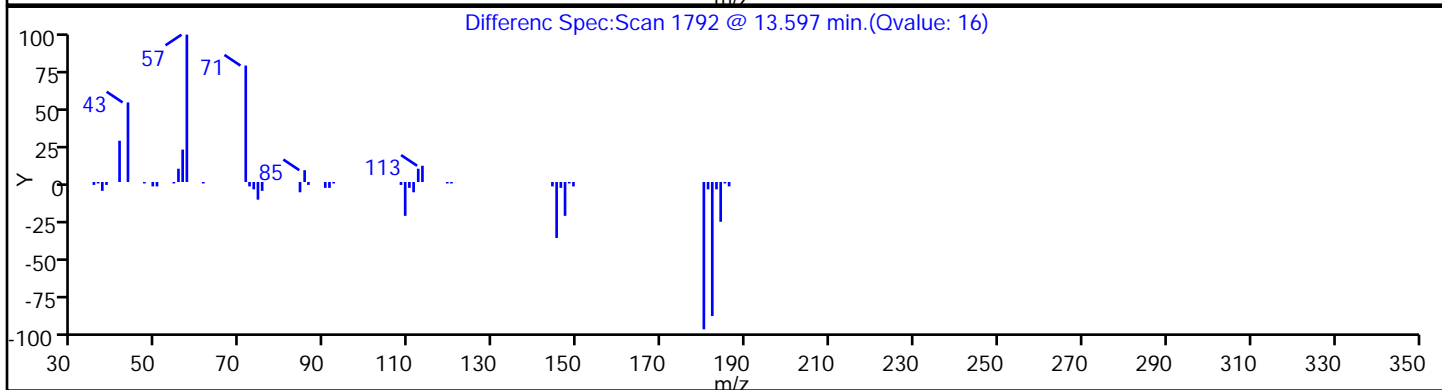
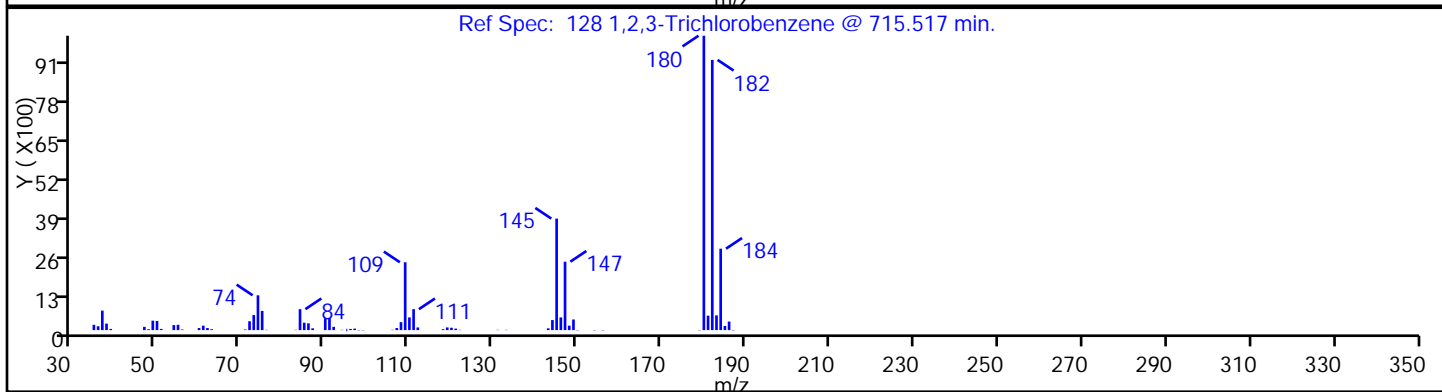
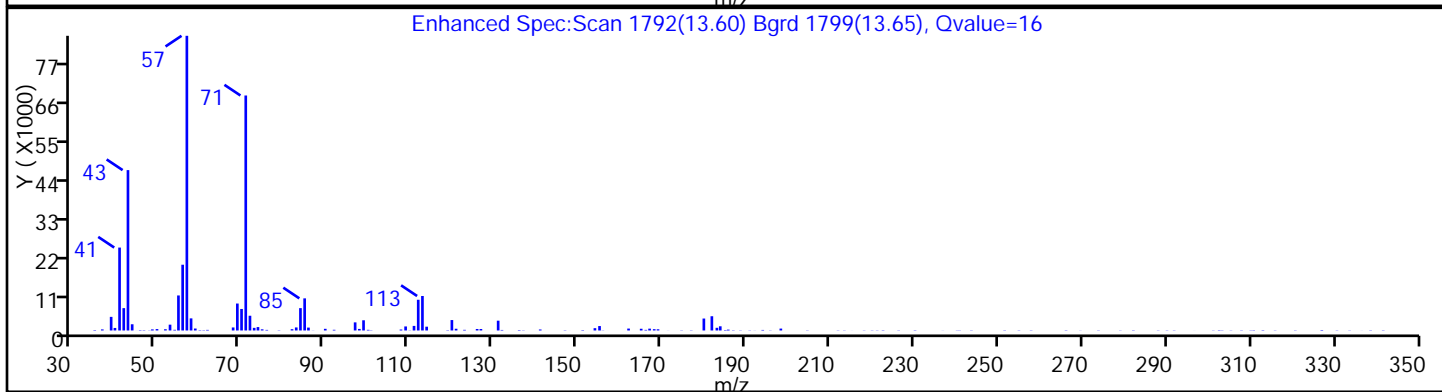
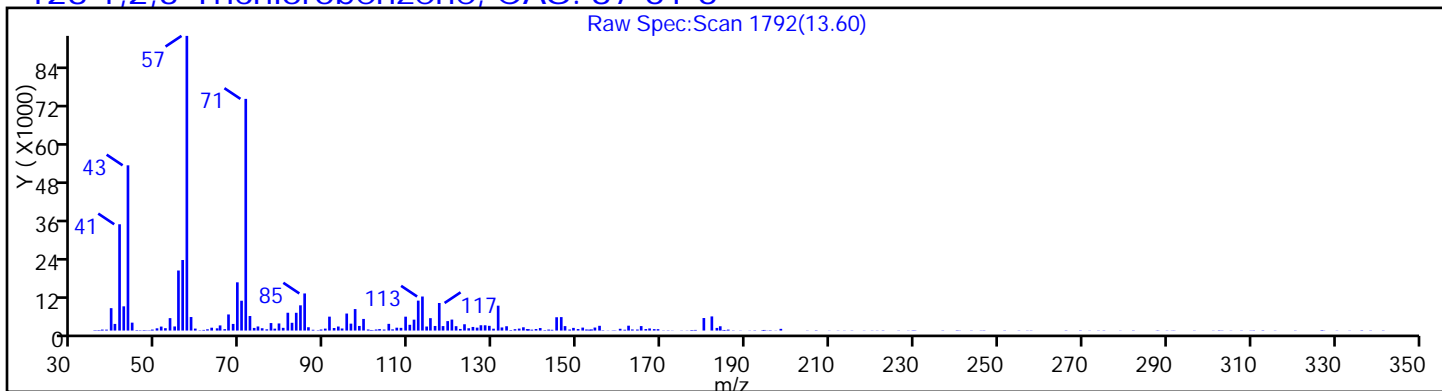
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

128 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

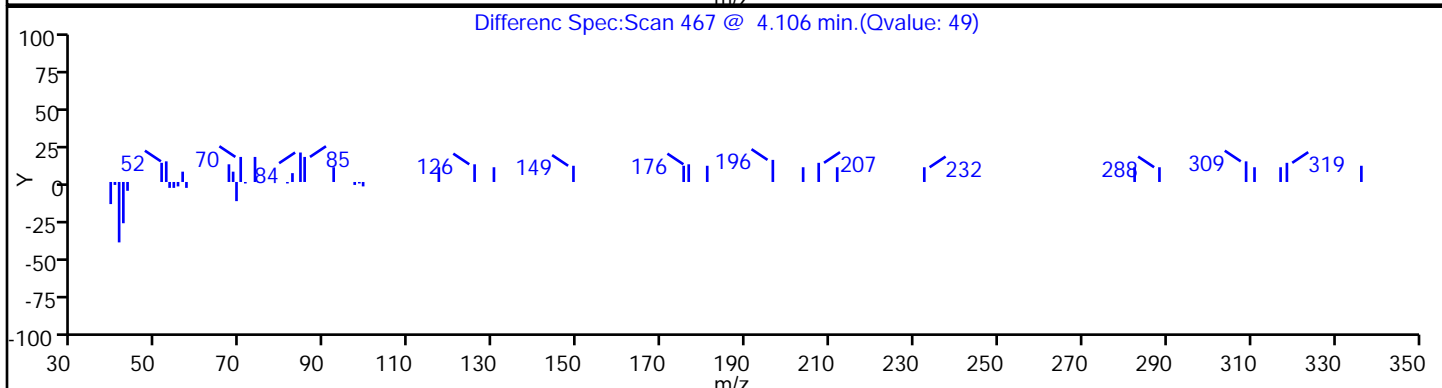
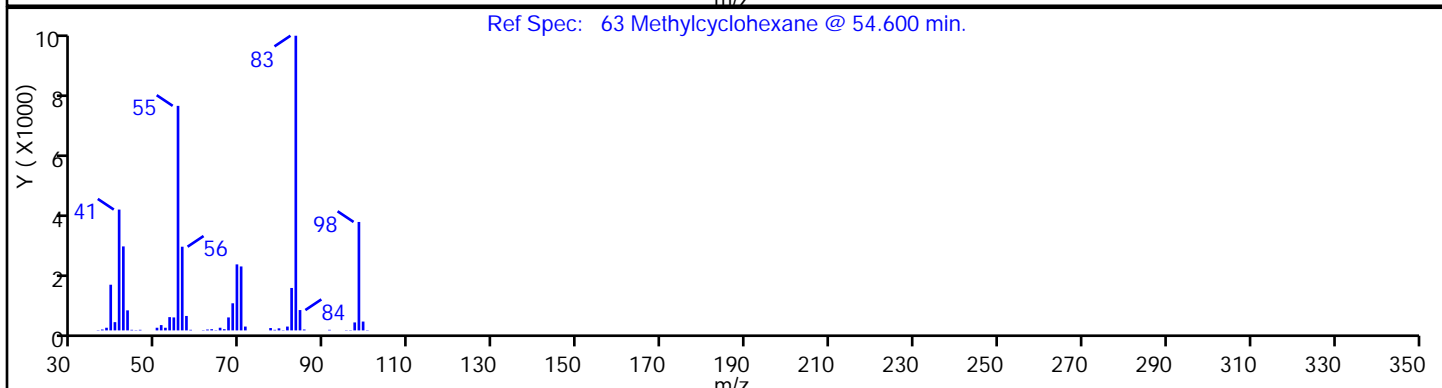
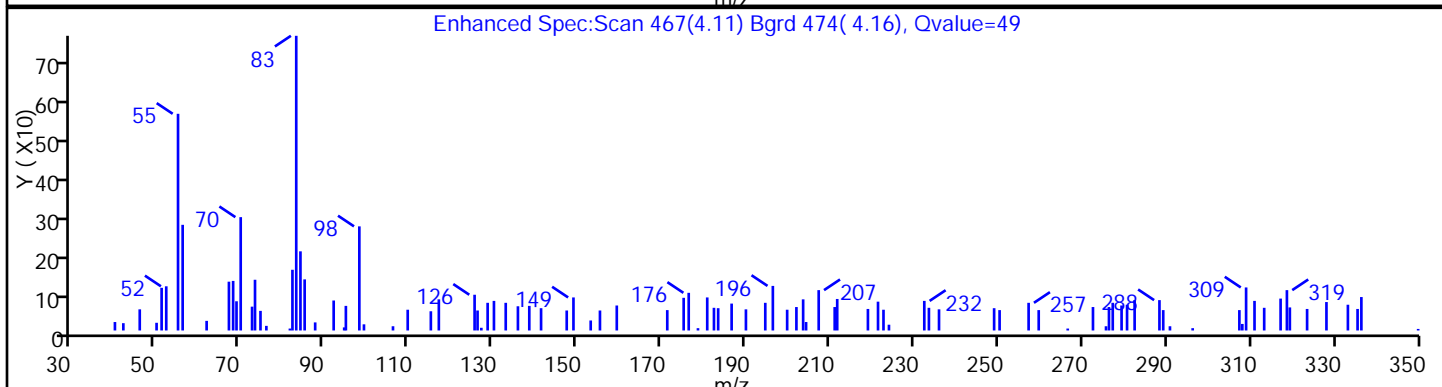
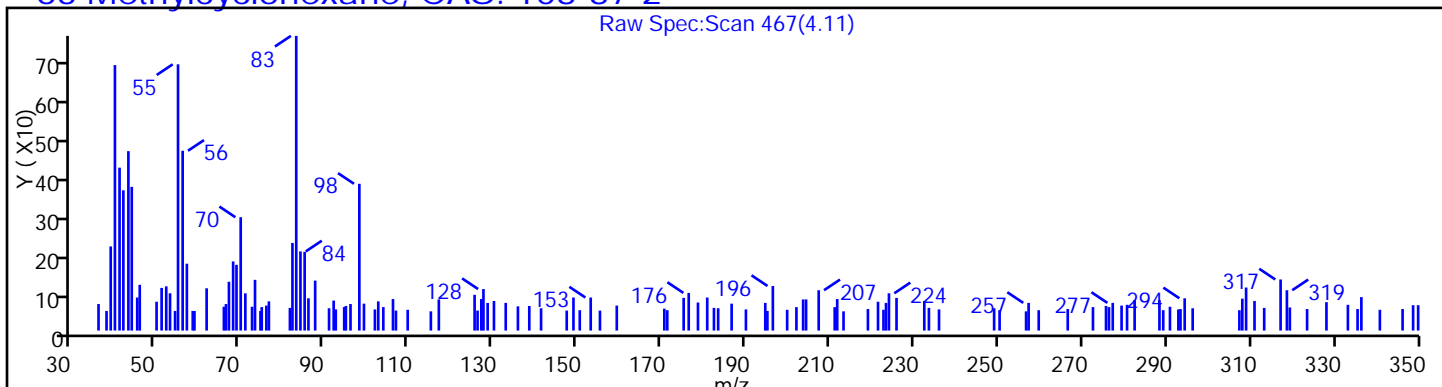
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

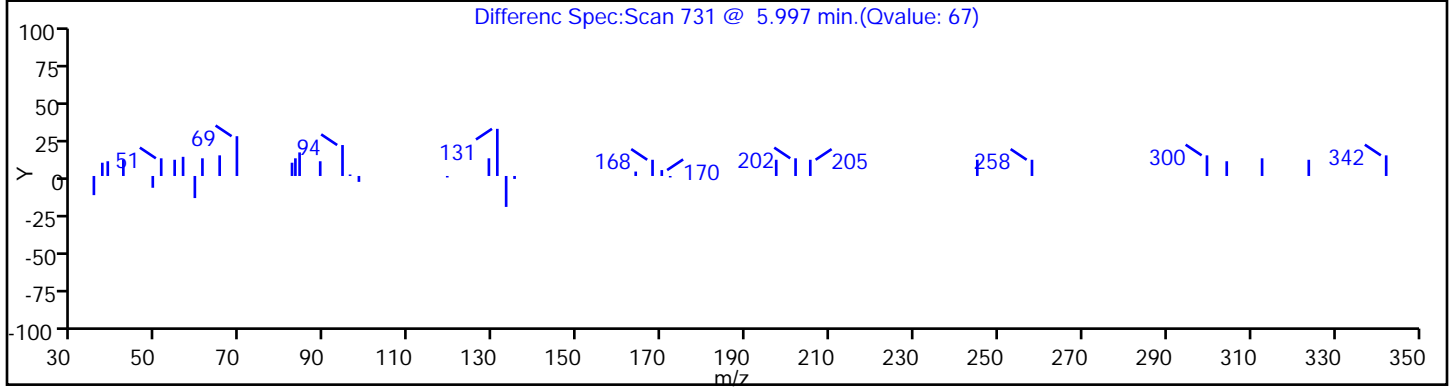
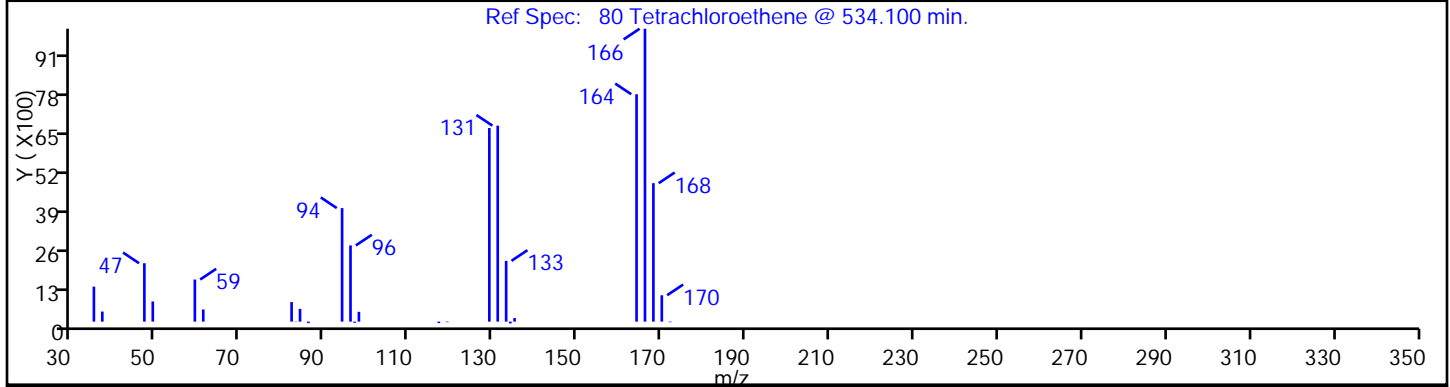
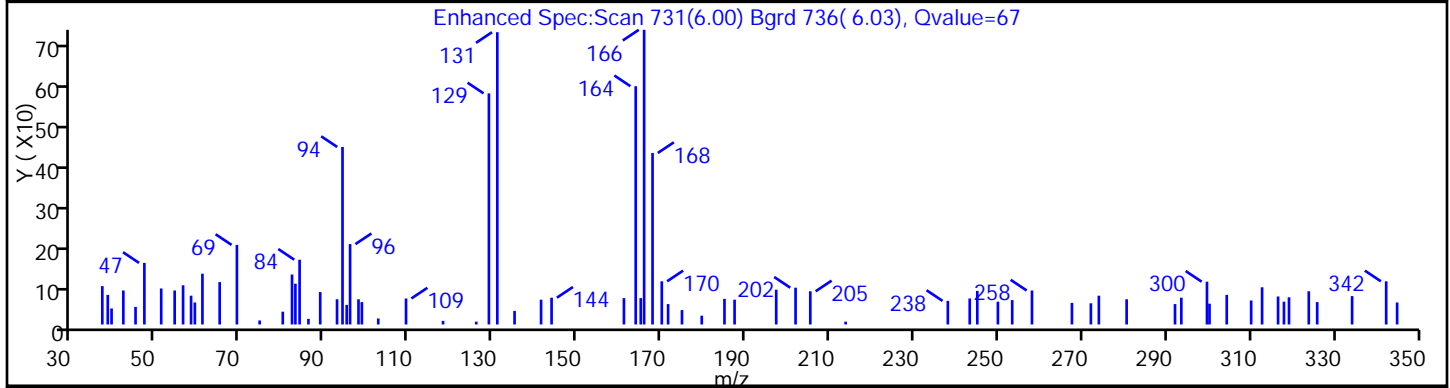
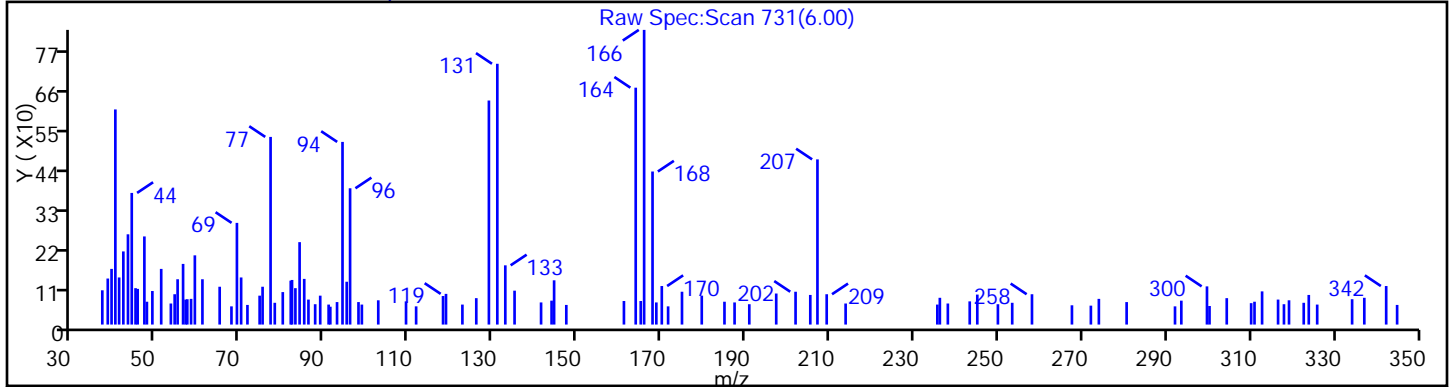
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

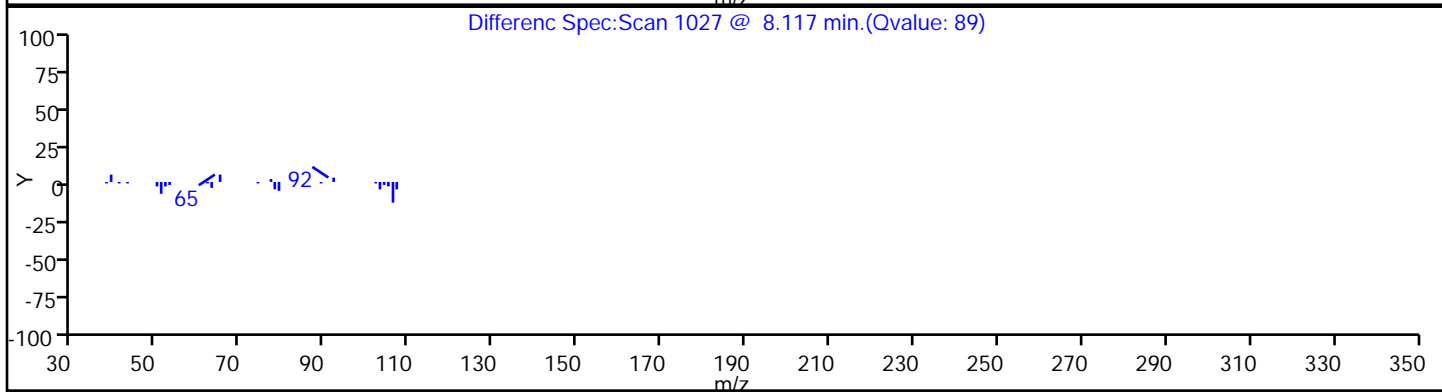
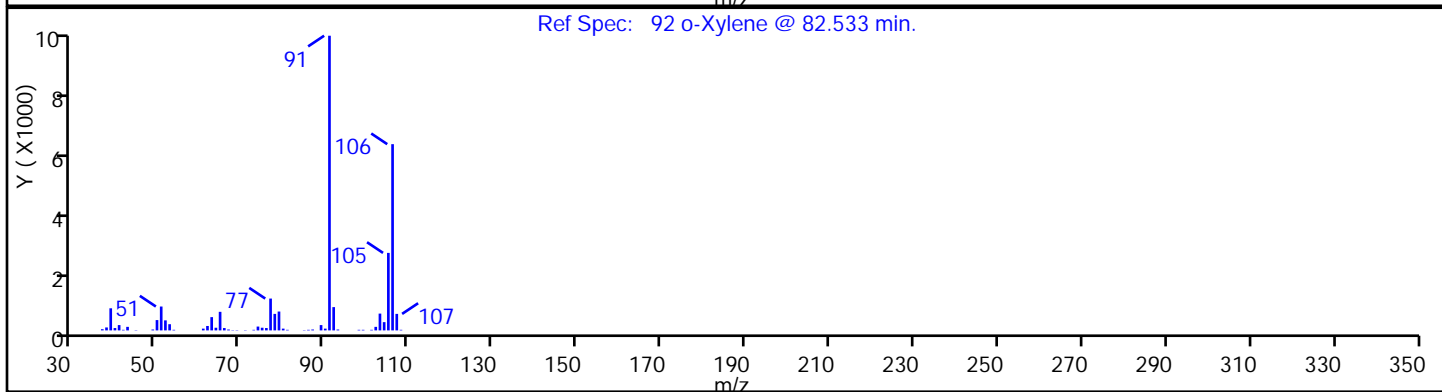
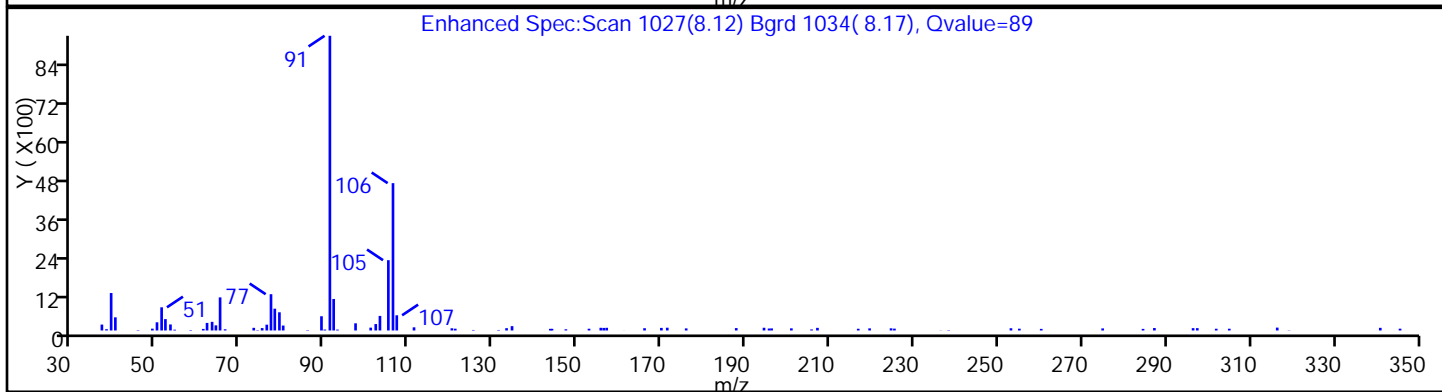
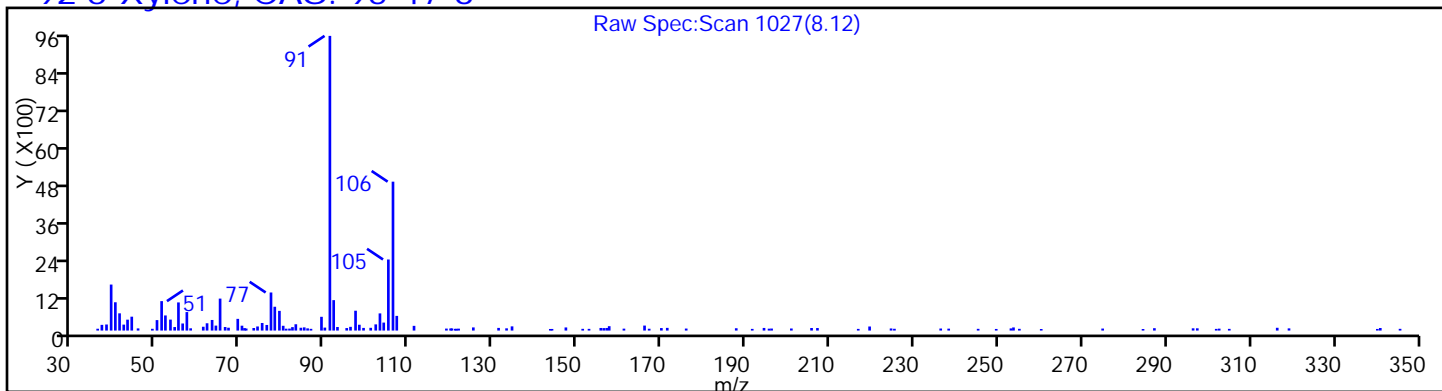
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

92 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

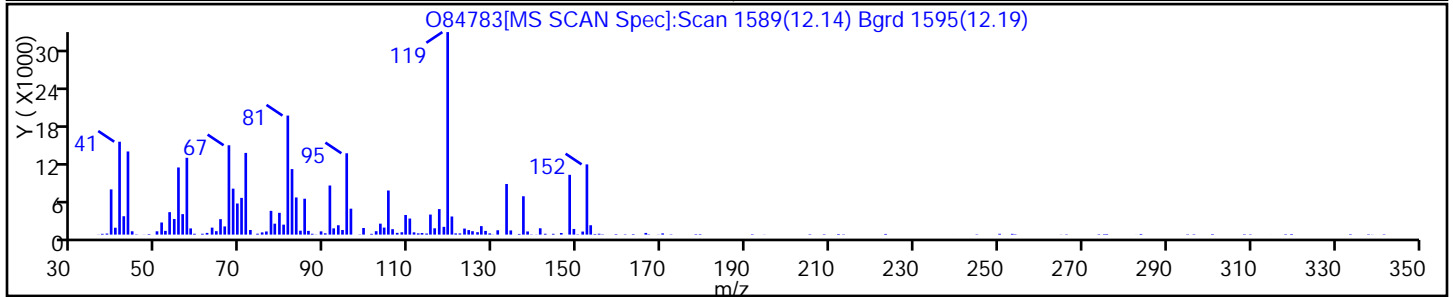
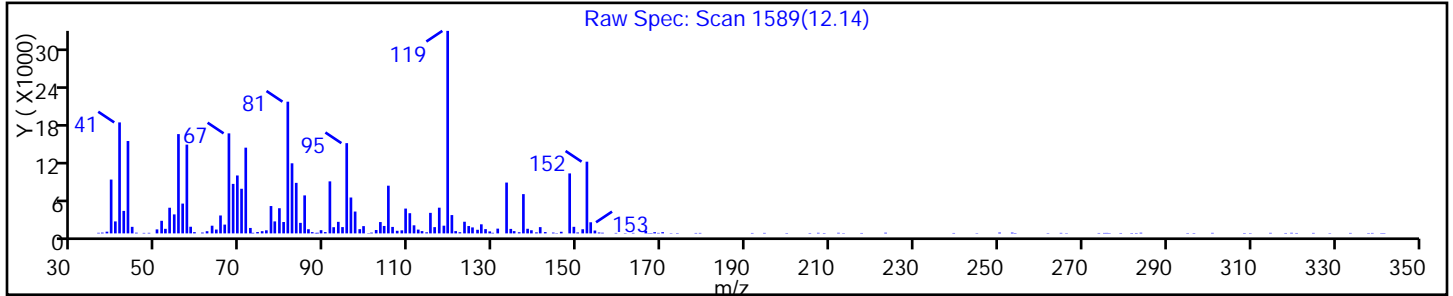
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

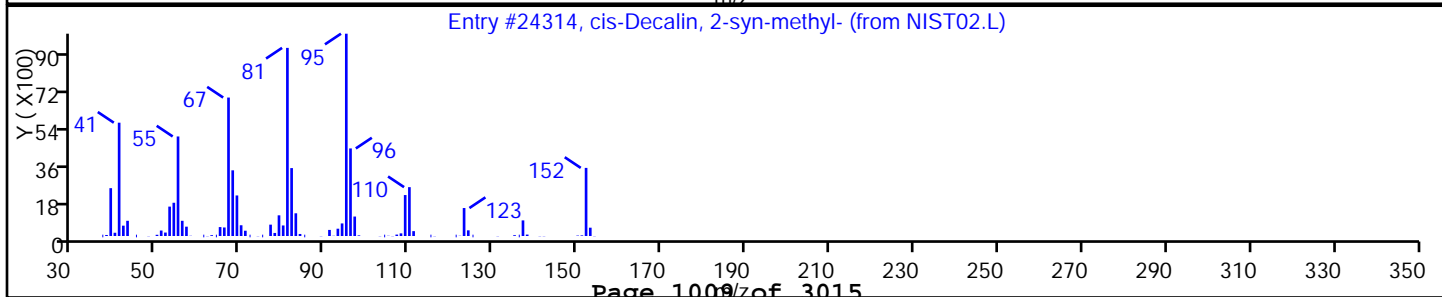
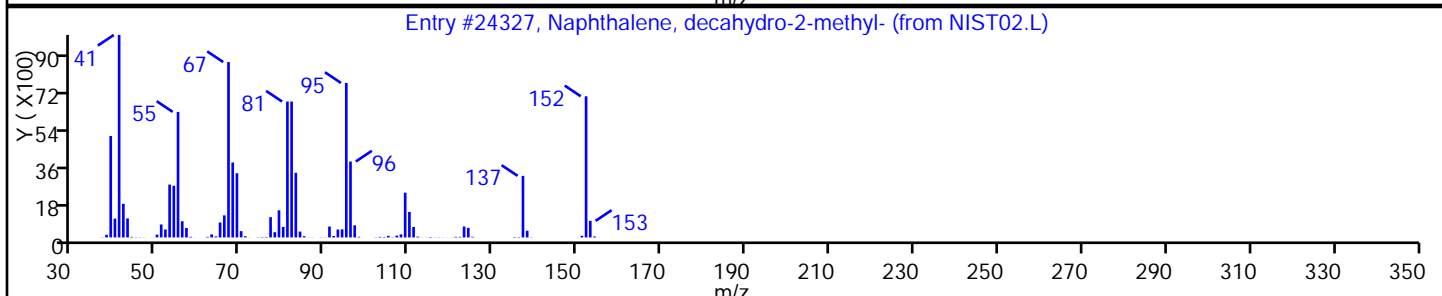
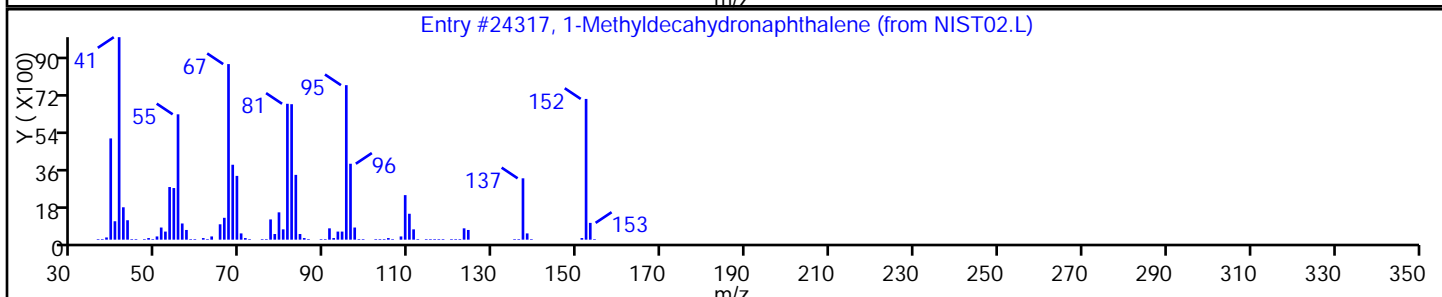
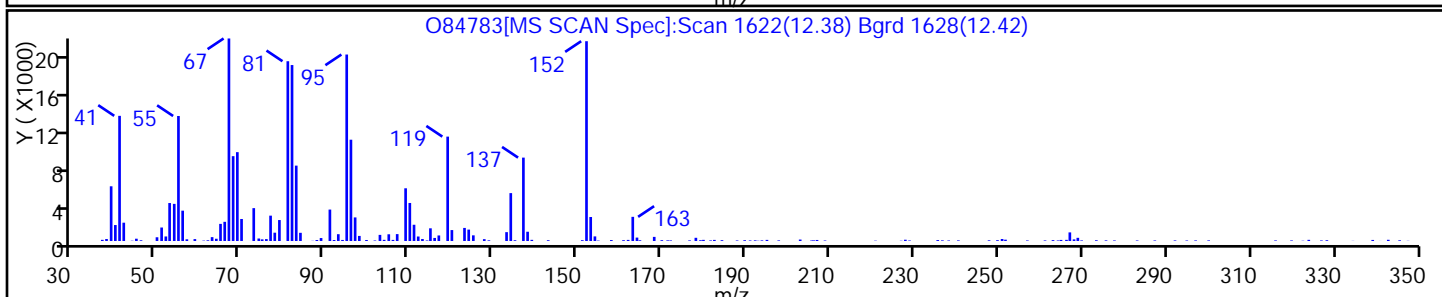
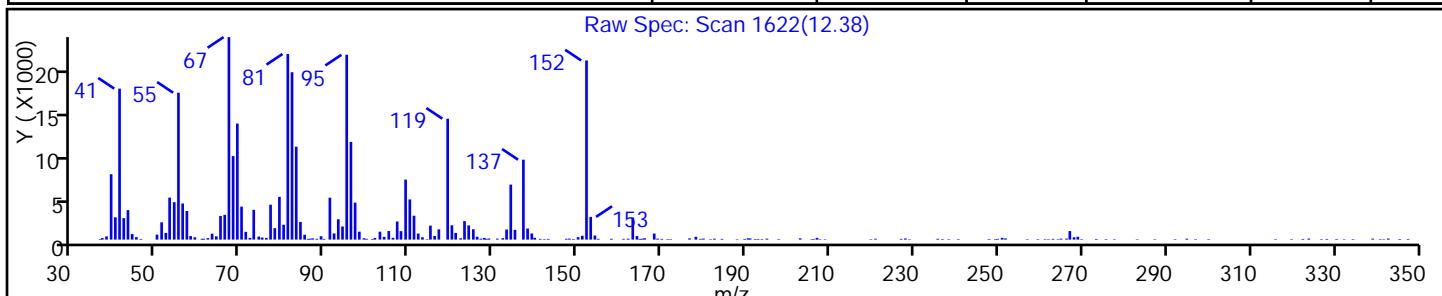
Method: 8260S_12

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
cis-Decalin, 2-syn-methyl-	1000155-85	NIST02.L	24314	C11H20	152	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

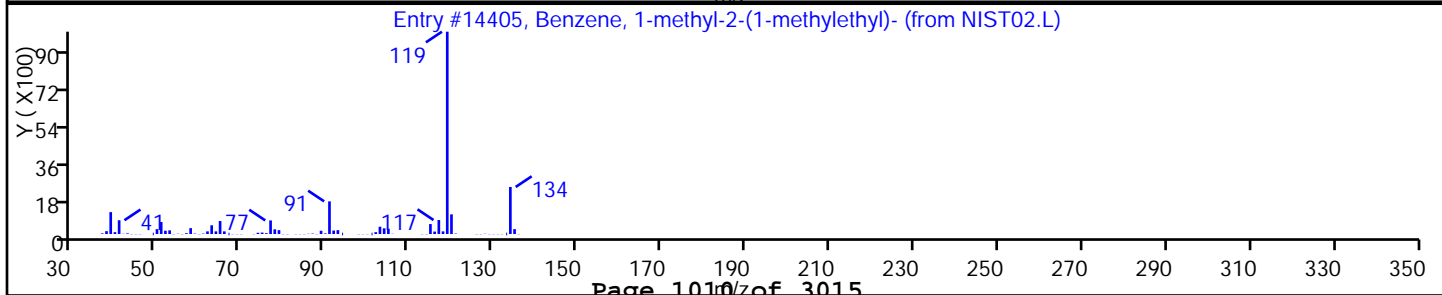
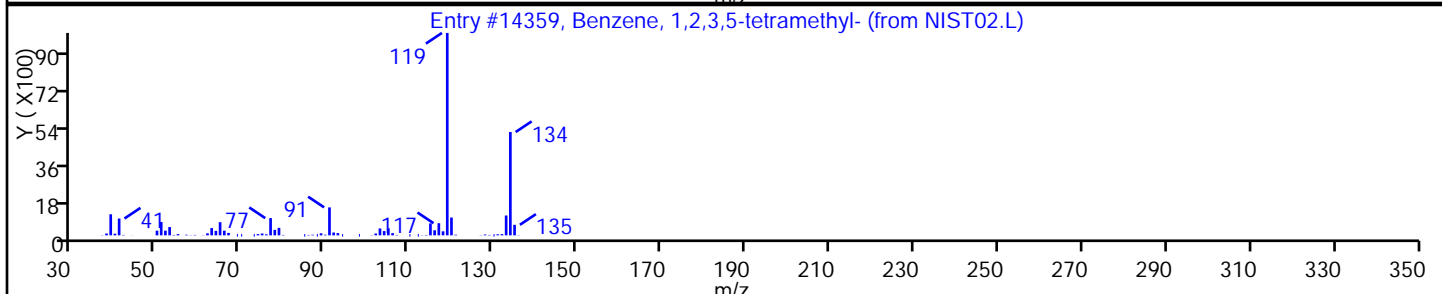
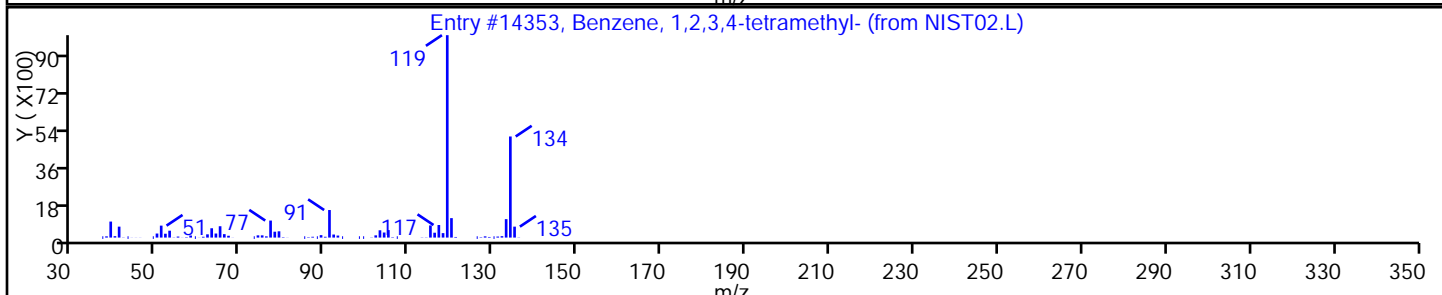
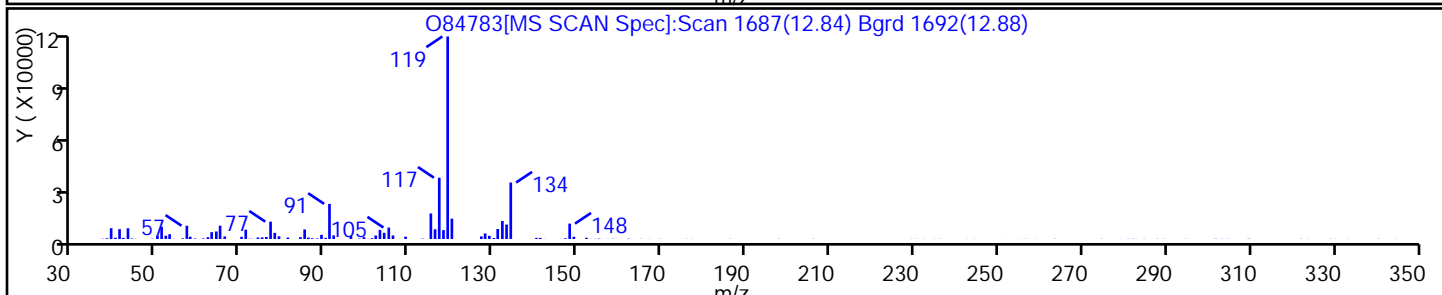
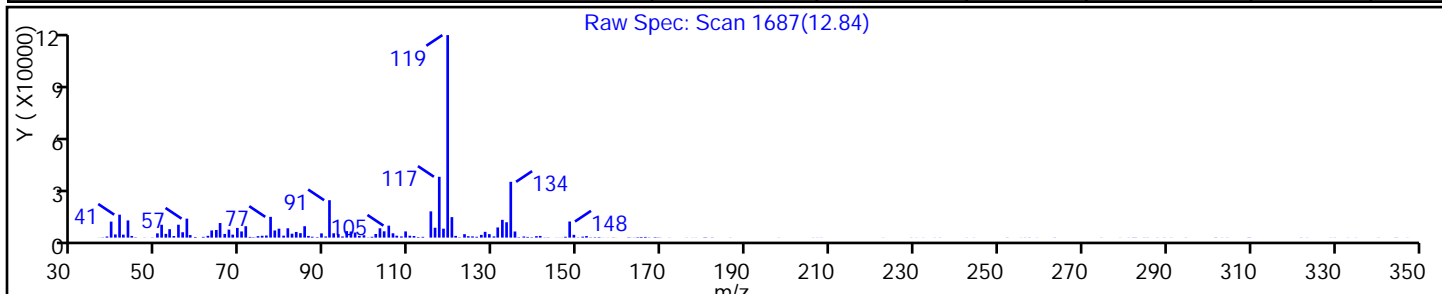
Method: 8260S_12

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	14353	C10H14	134	81
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14359	C10H14	134	81
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14405	C10H14	134	76



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

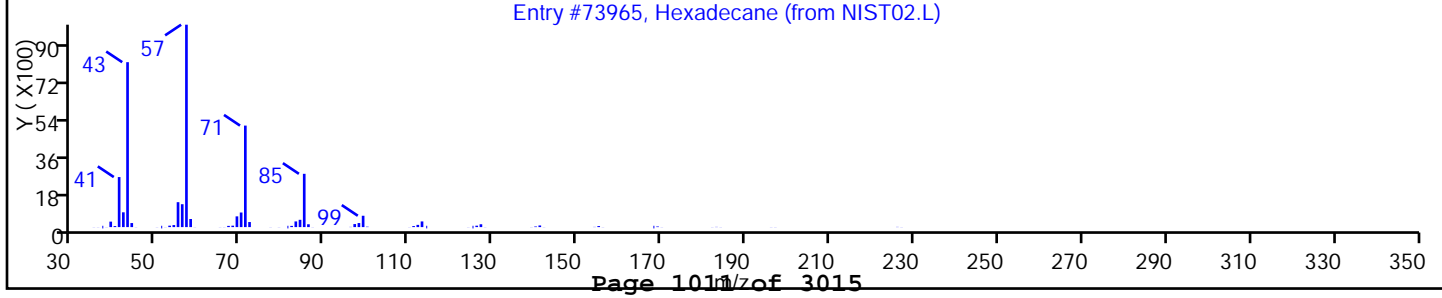
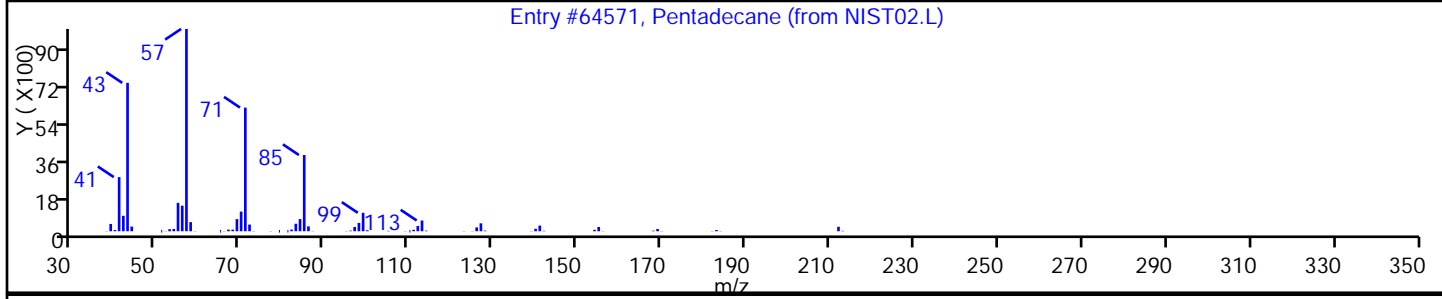
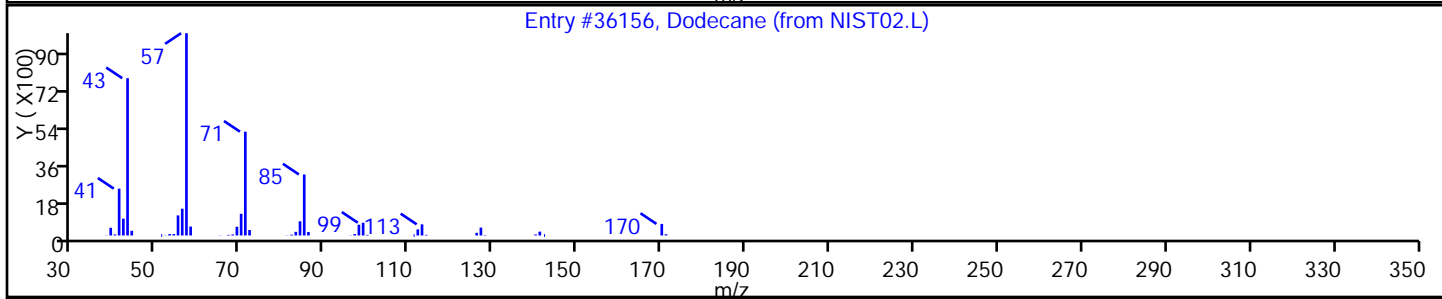
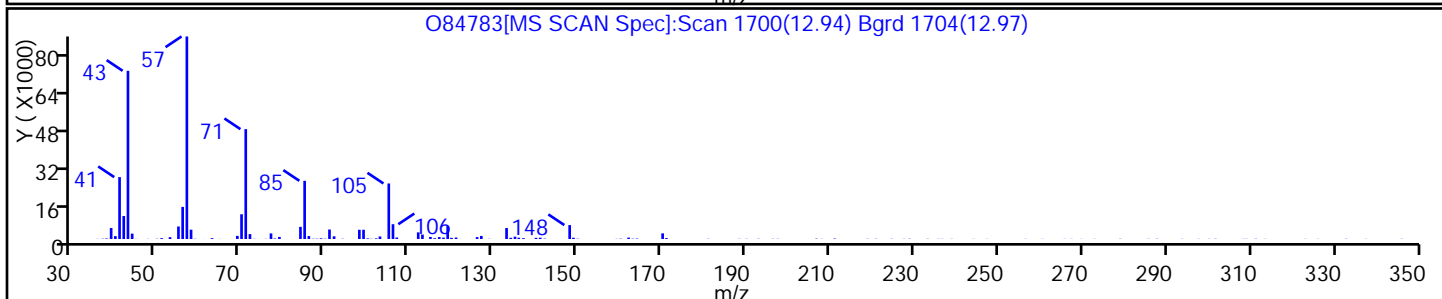
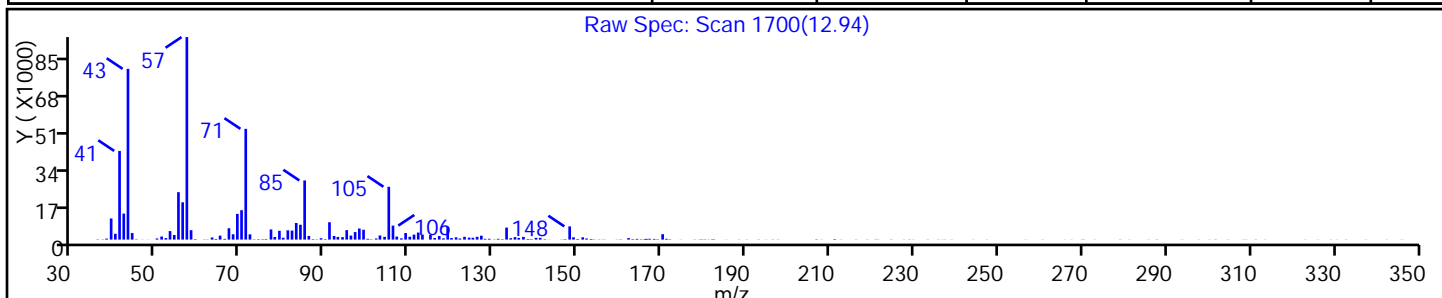
Method: 8260S_12

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	64
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	64
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	52



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

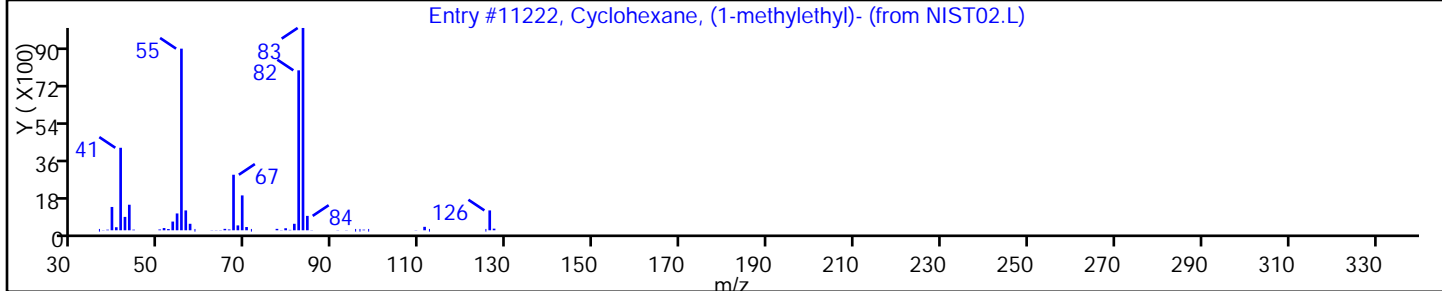
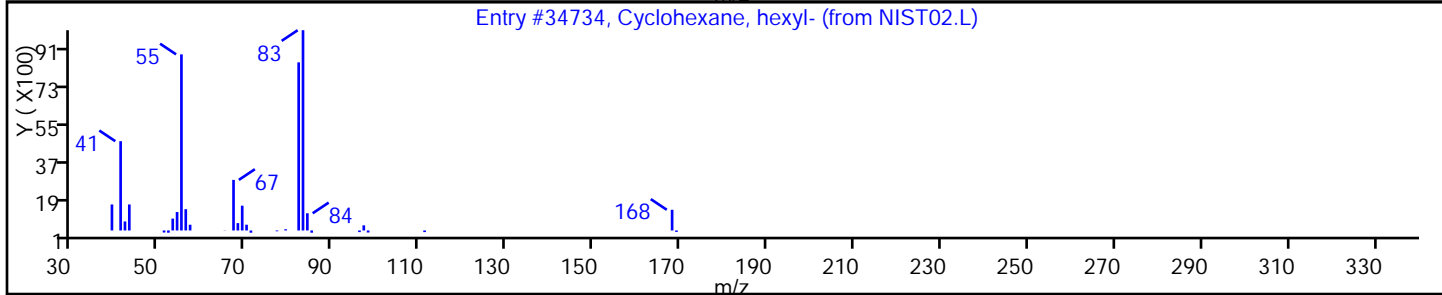
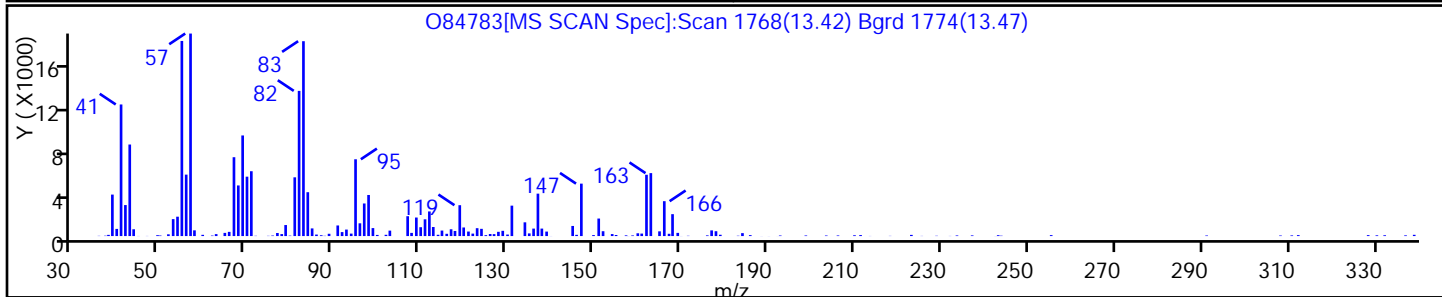
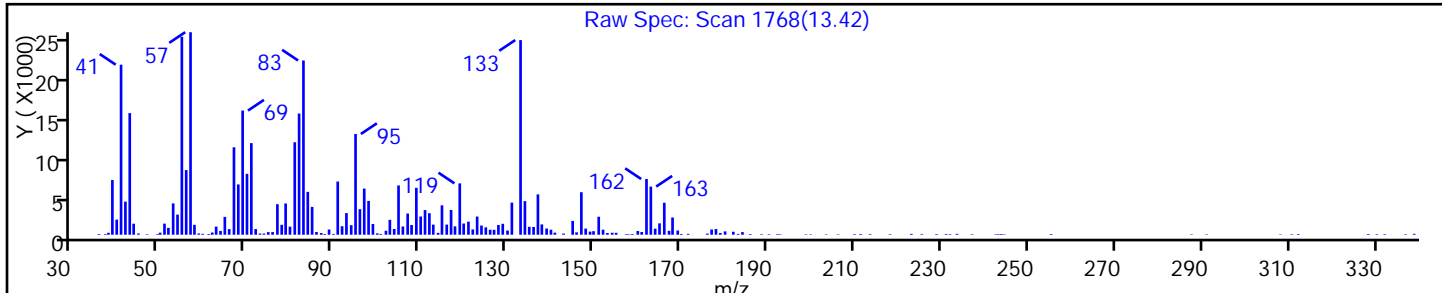
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, hexyl-	4292-75-5	NIST02.L	34734	C12H24	168	43
Cyclohexane, (1-methylethyl)-	696-29-7	NIST02.L	11222	C9H18	126	43



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

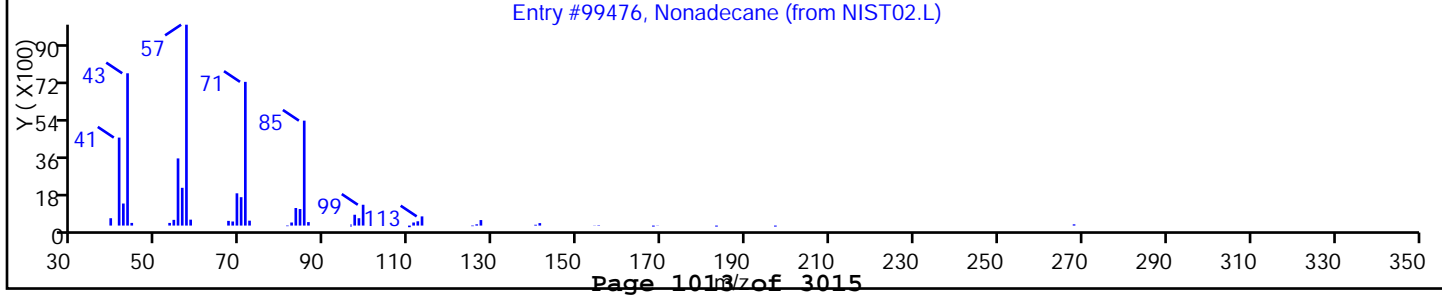
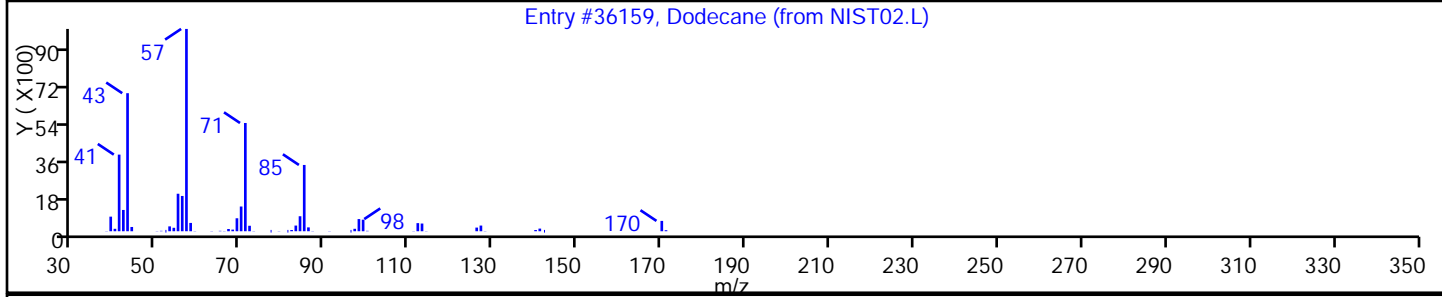
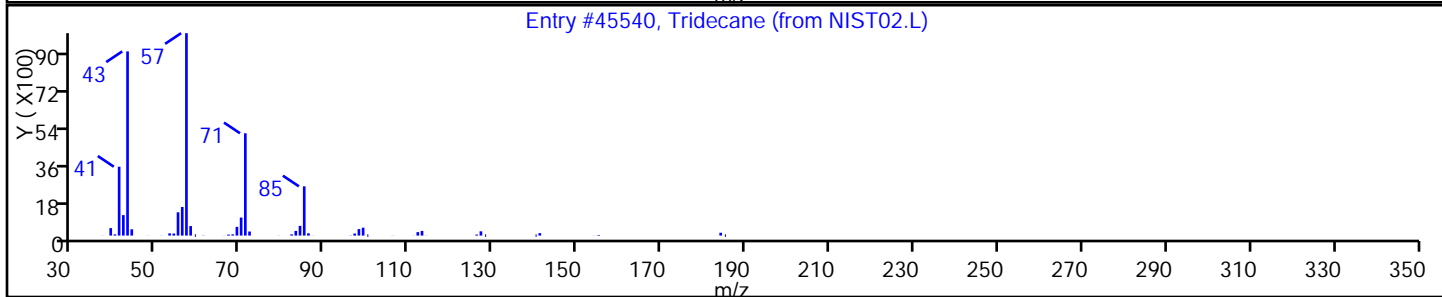
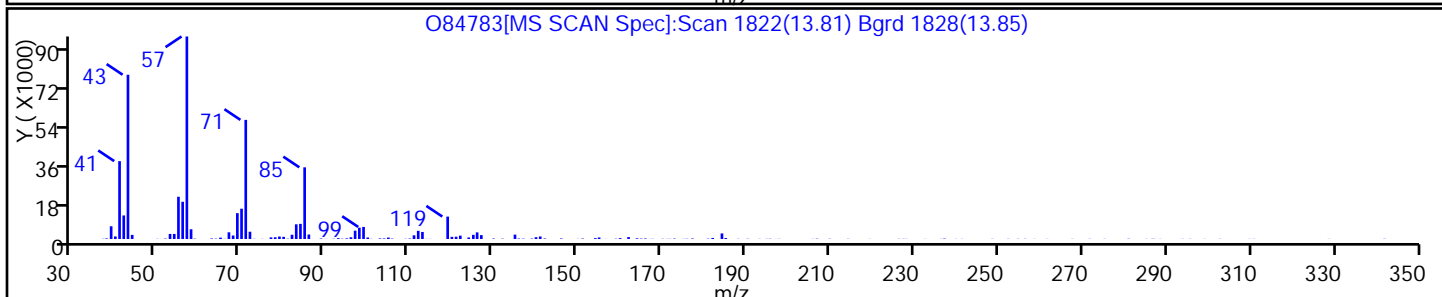
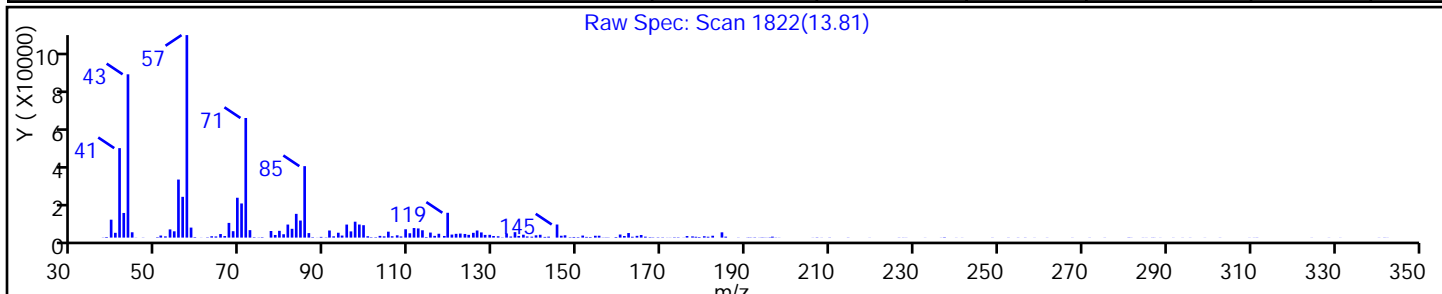
Method: 8260S_12

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	93
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	87
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

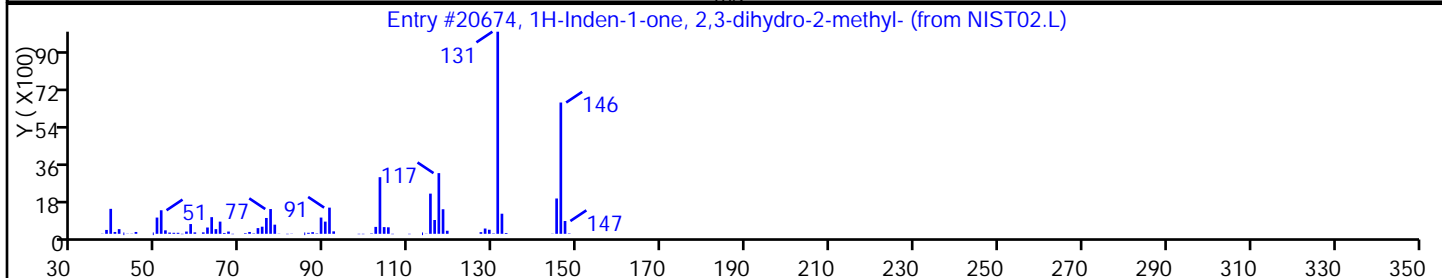
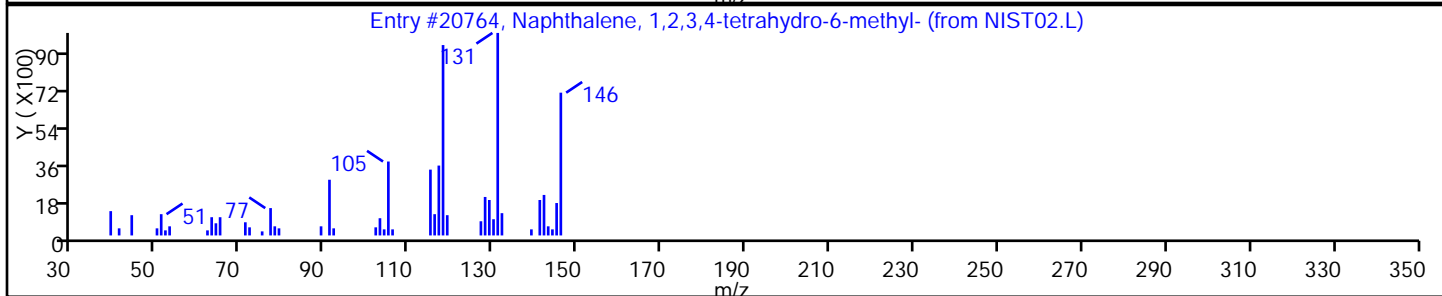
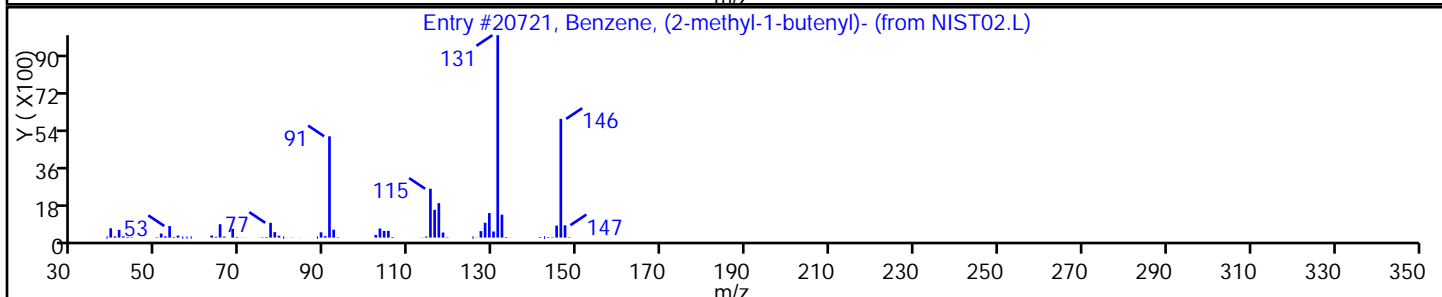
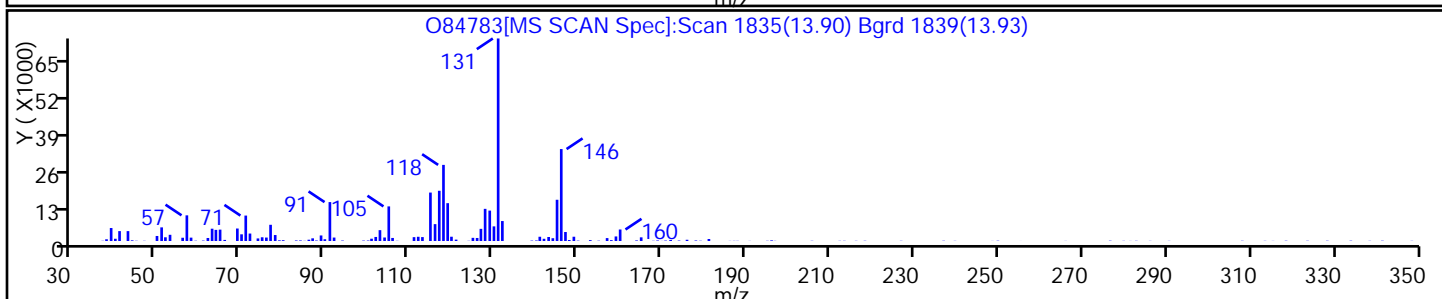
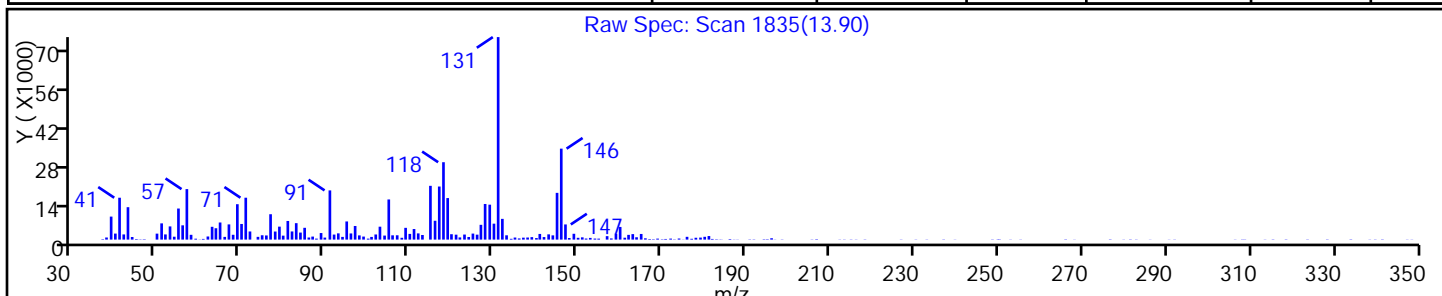
Method: 8260S_12

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
Naphthalene, 1,2,3,4-tetrahydro-6-methyl	1680-51-9	NIST02.L	20764	C11H14	146	72
1H-Inden-1-one, 2,3-dihydro-2-methyl-	17496-14-9	NIST02.L	20674	C10H10O	146	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

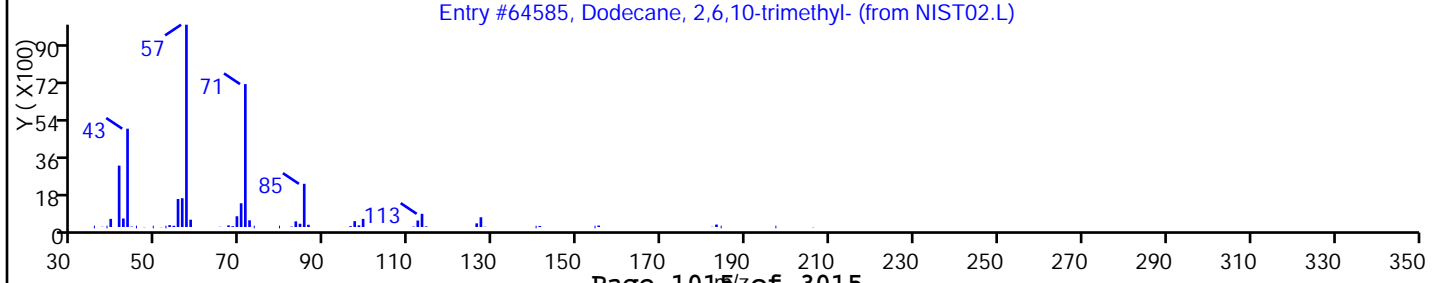
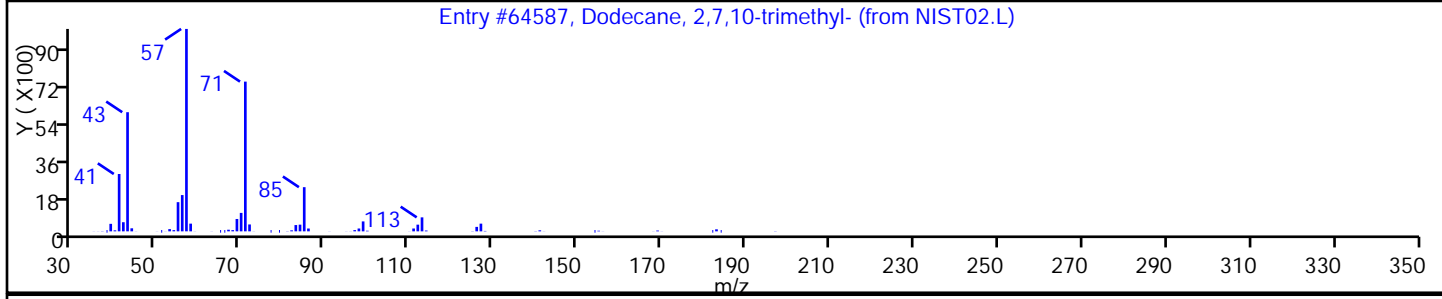
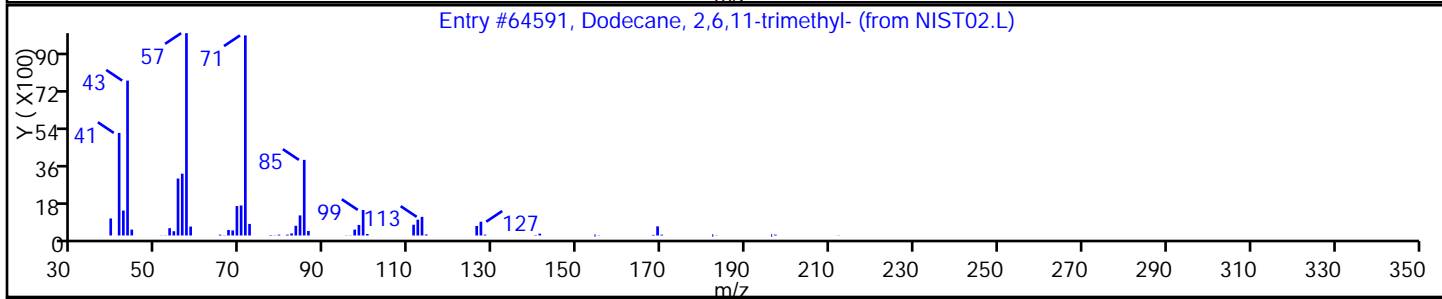
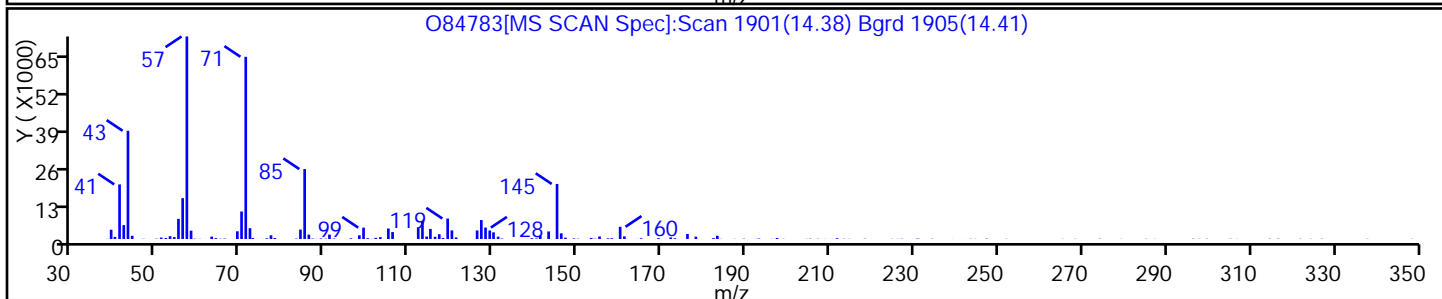
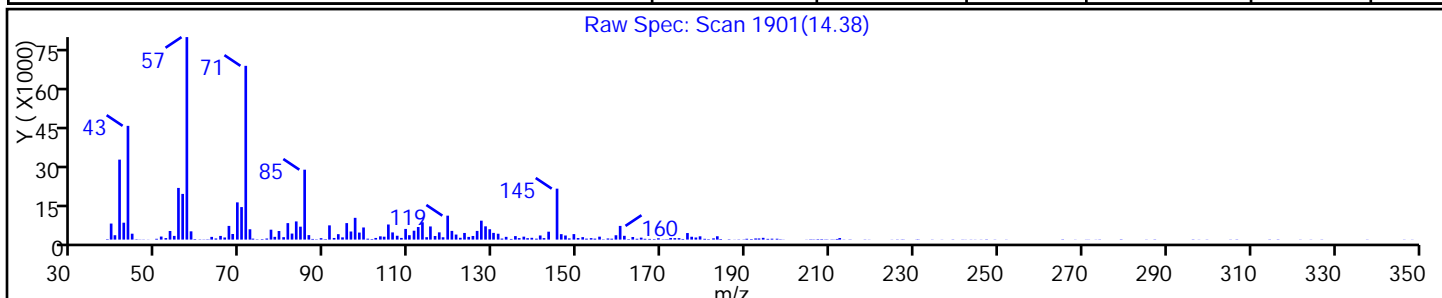
Method: 8260S_12

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	70
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	64
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	64



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

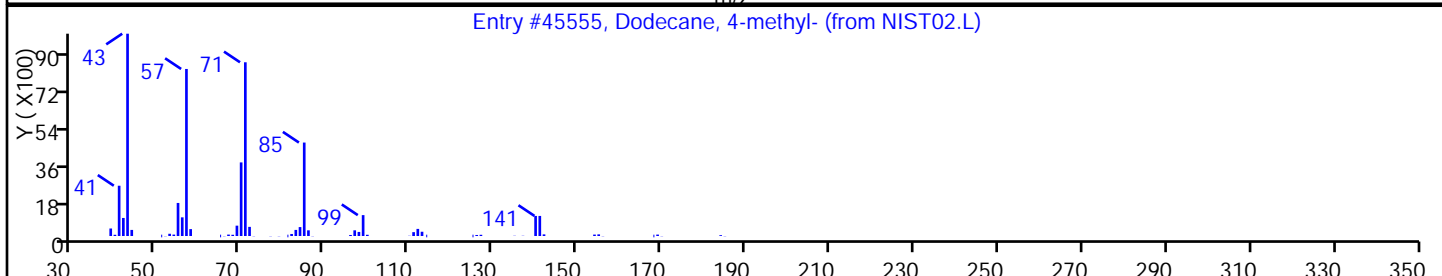
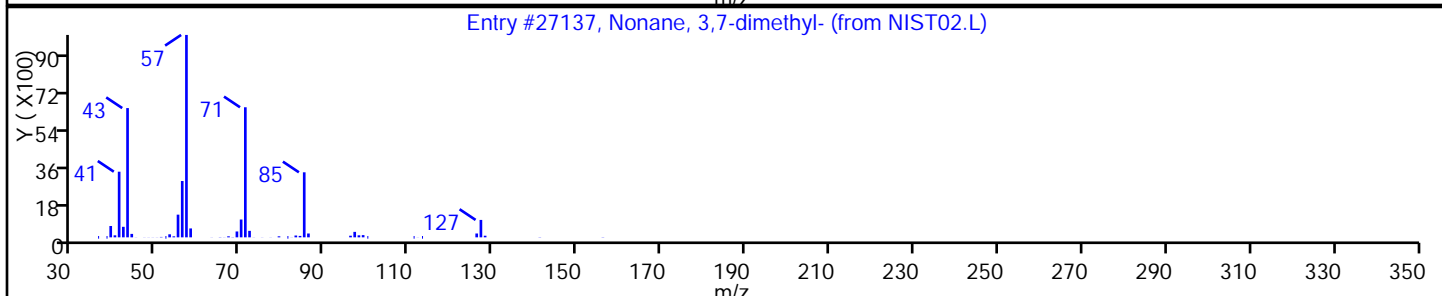
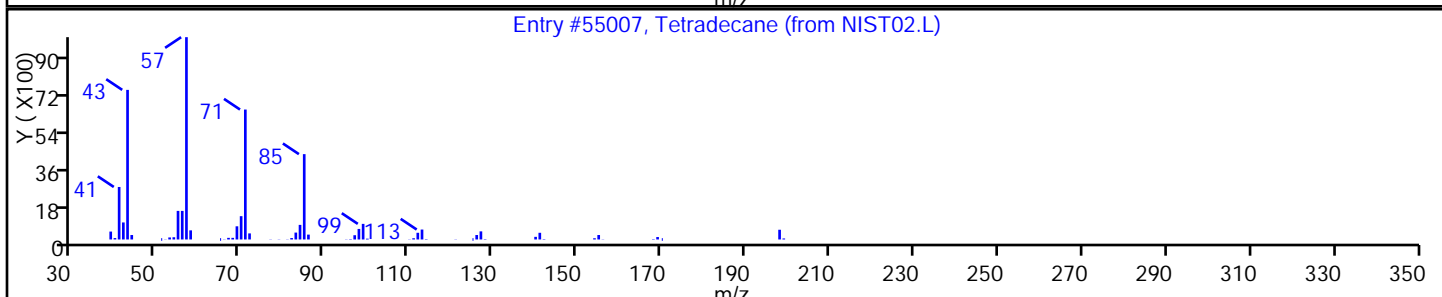
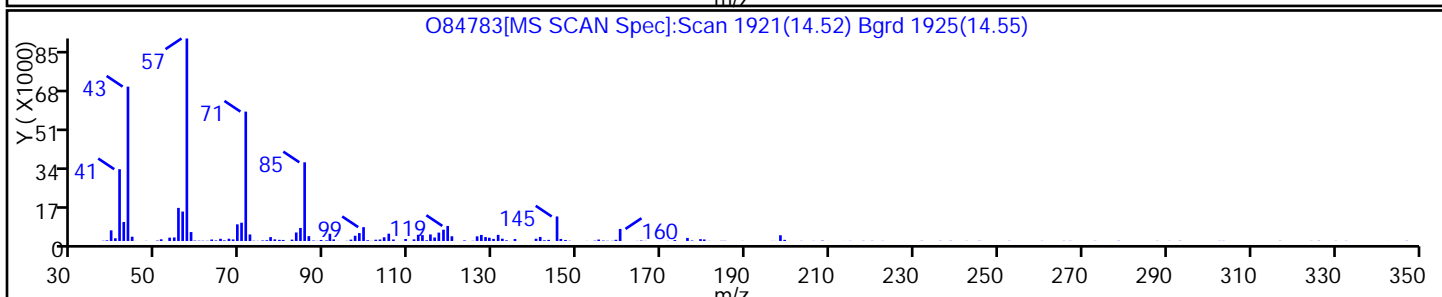
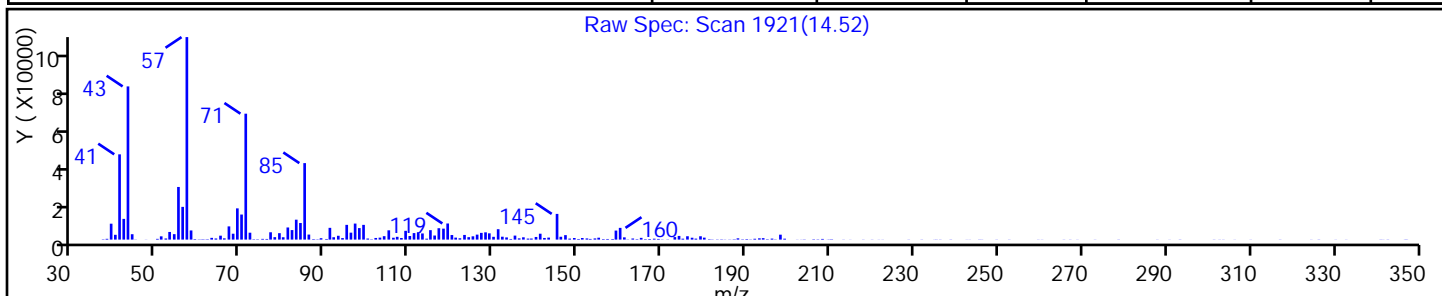
Method: 8260S_12

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	55007	C14H30	198	95
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.L	27137	C11H24	156	76
Dodecane, 4-methyl-	6117-97-1	NIST02.L	45555	C13H28	184	53



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84783.D

Injection Date: 14-Mar-2014 08:47:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

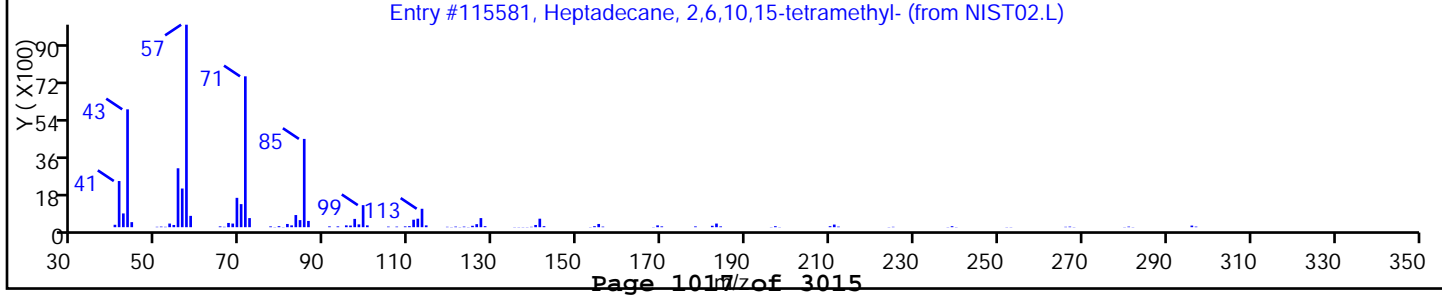
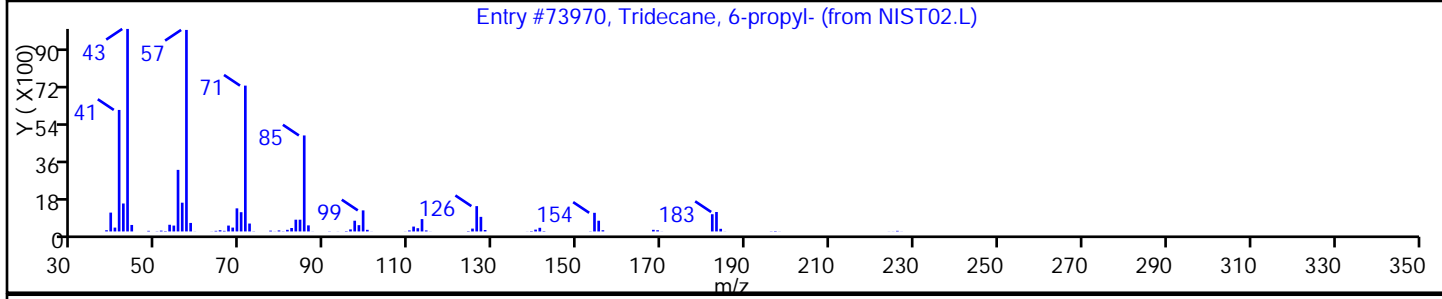
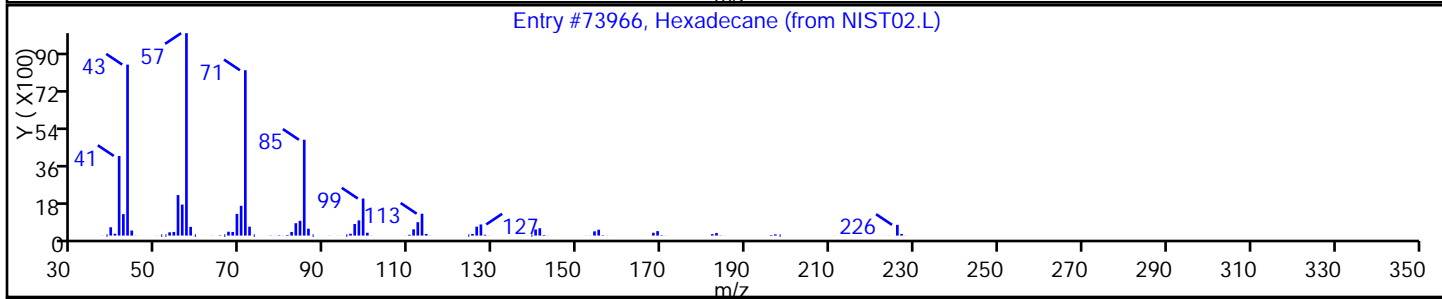
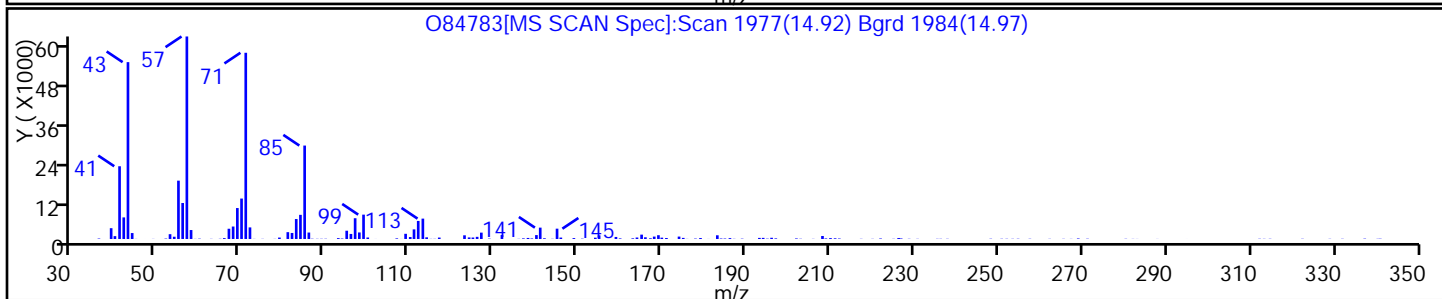
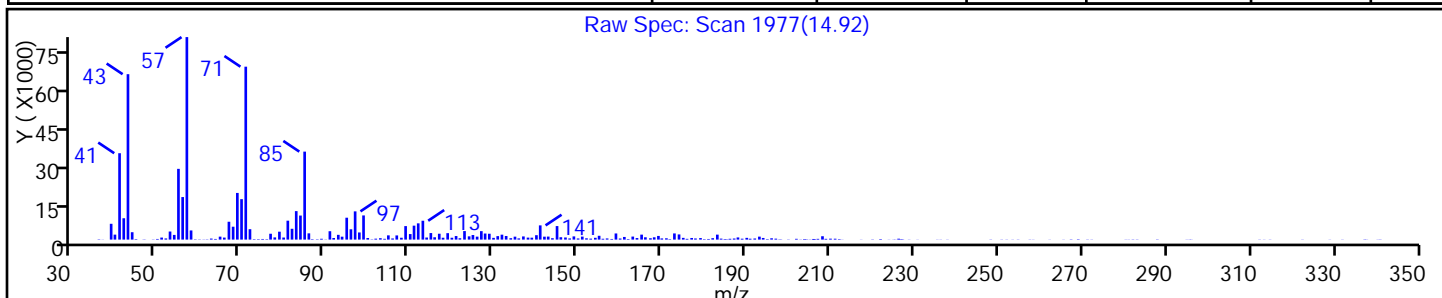
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	86
Tridecane, 6-propyl-	55045-10-8	NIST02.L	73970	C16H34	226	80
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	80



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: O84788.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 6.188(g) Date Analyzed: 03/14/2014 10:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 5.8 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.14	U	0.86	0.14
74-83-9	Bromomethane	0.37	U	0.86	0.37
75-01-4	Vinyl chloride	0.29	U	0.86	0.29
75-00-3	Chloroethane	0.28	U	0.86	0.28
75-09-2	Methylene Chloride	0.25	J	0.86	0.13
67-64-1	Acetone	180	B	4.3	1.4
75-15-0	Carbon disulfide	0.13	U	0.86	0.13
75-69-4	Trichlorofluoromethane	0.14	U	0.86	0.14
75-35-4	1,1-Dichloroethene	0.16	U	0.86	0.16
75-34-3	1,1-Dichloroethane	0.094	U	0.86	0.094
156-60-5	trans-1,2-Dichloroethene	0.11	U	0.86	0.11
156-59-2	cis-1,2-Dichloroethene	0.094	U	0.86	0.094
67-66-3	Chloroform	0.21	J	0.86	0.21
78-93-3	2-Butanone	31		4.3	0.54
107-06-2	1,2-Dichloroethane	0.15	U	0.86	0.15
71-55-6	1,1,1-Trichloroethane	0.11	U	0.86	0.11
56-23-5	Carbon tetrachloride	0.13	U	0.86	0.13
71-43-2	Benzene	0.13	U	0.86	0.13
75-25-2	Bromoform	0.15	U	0.86	0.15
100-42-5	Styrene	0.24	U	0.86	0.24
100-41-4	Ethylbenzene	0.15	U	0.86	0.15
108-90-7	Chlorobenzene	0.15	U	0.86	0.15
110-82-7	Cyclohexane	0.20	J	0.86	0.11
98-82-8	Isopropylbenzene	0.094	U	0.86	0.094
591-78-6	2-Hexanone	3.2	J	4.3	0.11
1634-04-4	MTBE	0.094	U	0.86	0.094
76-13-1	Freon TF	0.094	U	0.86	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	0.86	0.10
108-88-3	Toluene	0.16	J	0.86	0.12
10061-02-6	trans-1,3-Dichloropropene	0.086	U	0.86	0.086
108-10-1	4-Methyl-2-pentanone	1.2	J	4.3	0.17
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.86	0.12
95-50-1	1,2-Dichlorobenzene	0.086	U	0.86	0.086
541-73-1	1,3-Dichlorobenzene	0.24	J	0.86	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: O84788.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 6.188(g) Date Analyzed: 03/14/2014 10:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 5.8 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.2		0.86	0.094
120-82-1	1,2,4-Trichlorobenzene	7.5		0.86	0.16
87-61-6	1,2,3-Trichlorobenzene	0.14	U	0.86	0.14
78-87-5	1,2-Dichloropropane	0.13	U	0.86	0.13
108-87-2	Methylcyclohexane	0.37	J	0.86	0.086
127-18-4	Tetrachloroethene	0.10	U	0.86	0.10
1330-20-7	Xylenes, Total	0.57	U	1.7	0.57
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.86	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.077	U	0.86	0.077
79-00-5	1,1,2-Trichloroethane	0.12	U	0.86	0.12
124-48-1	Dibromochloromethane	0.086	U	0.86	0.086
106-93-4	1,2-Dibromoethane	0.13	U	0.86	0.13
75-71-8	Dichlorodifluoromethane	0.19	U	0.86	0.19
74-97-5	Bromochloromethane	0.094	U	0.86	0.094
75-27-4	Bromodichloromethane	0.27	U	0.86	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)	97		70-130
460-00-4	Bromofluorobenzene	99		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: O84788.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 6.188(g) Date Analyzed: 03/14/2014 10:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 5.8 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 1164

CAS NO.	COMPOUND NAME	RT	RESULT	Q
54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	13.35	160	J N
	Unknown	13.43	79	J
2051-30-1	Octane, 2,6-dimethyl-	13.60	110	J N
	Unknown	13.69	91	J
41446-68-8	3-Tetradecene, (E)-	13.83	200	J N
61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	13.98	80	J N
	Unknown	14.08	91	J
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	83	J N
	Unknown	14.41	80	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	190	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D
 Lims ID: 460-72180-B-26-A Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 14-Mar-2014 10:51:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-26-A
 Misc. Info.: 460-0010850-016
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 11:27:32 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 11:27:10

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.585	0.007	86	380571	208.9	
25 Methylene Chloride	84	1.821	1.814	0.007	28	1422	0.2889	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	88	464109	1000.0	
43 2-Butanone (MEK)	72	2.681	2.673	0.008	100	22288	35.8	
47 Chloroform	83	2.895	2.895	0.0	77	1934	0.2416	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	150137	47.2	
49 Cyclohexane	56	3.060	3.053	0.007	38	2343	0.2310	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.297	3.297	0.0	95	158347	47.8	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	787207	50.0	
63 Methylcyclohexane	83	4.106	4.099	0.007	50	4272	0.4322	
* 150 1,4-Dioxane-d8	96	4.278	4.271	0.007	89	41422	1000.0	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	57	7054	1.42	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	695538	48.6	
77 Toluene	91	5.331	5.331	0.0	72	4068	0.1918	
83 2-Hexanone	43	6.255	6.248	0.007	95	14184	3.75	
* 87 Chlorobenzene-d5	117	7.122	7.122	0.0	88	545658	50.0	
\$ 99 4-Bromofluorobenzene	174	8.920	8.920	0.0	83	190609	49.5	
115 1,3-Dichlorobenzene	146	10.653	10.646	0.007	53	2551	0.2777	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	95	248406	50.0	
117 1,4-Dichlorobenzene	146	10.811	10.811	0.0	76	12866	1.40	
124 1,2,4-Trichlorobenzene	180	13.182	13.182	0.0	61	51785	8.76	M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D
 Lims ID: 460-72180-B-26-A Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 14-Mar-2014 10:51:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-26-A
 Misc. Info.: 460-0010850-016
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 11:27:32 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 11:27:10

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
13.346	54676-39-0 Cyclohexane, 2-butyl-1,1,3-trimethyl- 5736873	184.0	116	94	44160	C13H26	182	
13.425	Unknown 2889621	92.7	116					
13.604	2051-30-1 Octane, 2,6-dimethyl- 3859371	123.8	116	90	18443	C10H22	142	
13.690	Unknown 3317797	106.4	116					
13.826	41446-68-8 3-Tetradecene, (E)- 7423906	238.2	116	68	53625	C14H28	196	
13.977	61142-70-9 Cyclohexane, 2,4-diethyl-1-methyl- 2901224	93.1	116	47	25879	C11H22	154	
14.084	Unknown 3321042	106.5	116					
14.378	31295-56-4 Dodecane, 2,6,11-trimethyl- 3033264	97.3	116	72	64591	C15H32	212	
14.406	Unknown 2917559	93.6	116					
14.621	80655-44-3 Decahydro-4,4,8,9,10-pentamethylnaphthal 6736252	216.1	116	98	61716	C15H28	208	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	1558647	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Worklist Smp#: 16

Client ID: DUP3_030714

Purge Vol: 5.000 mL

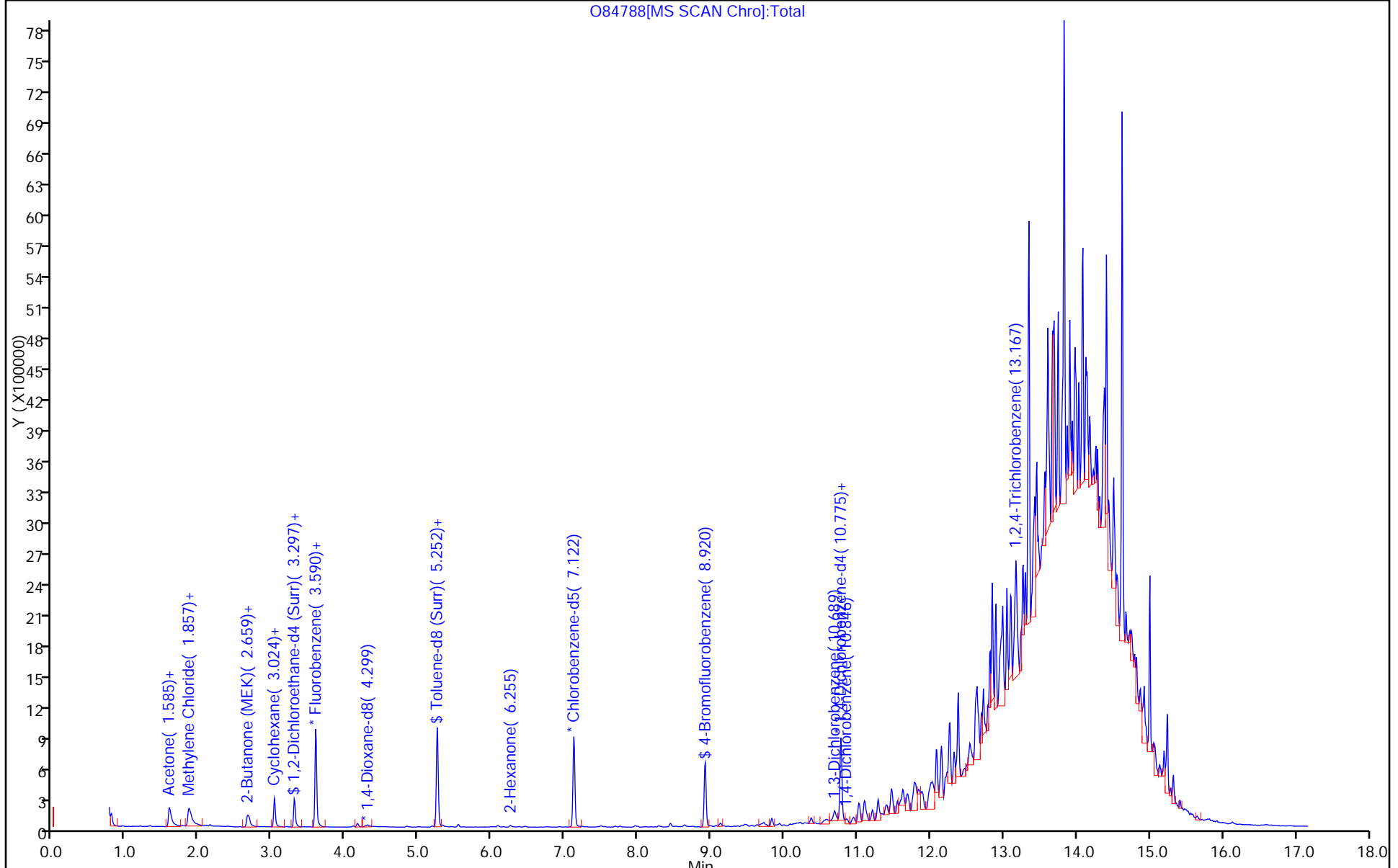
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

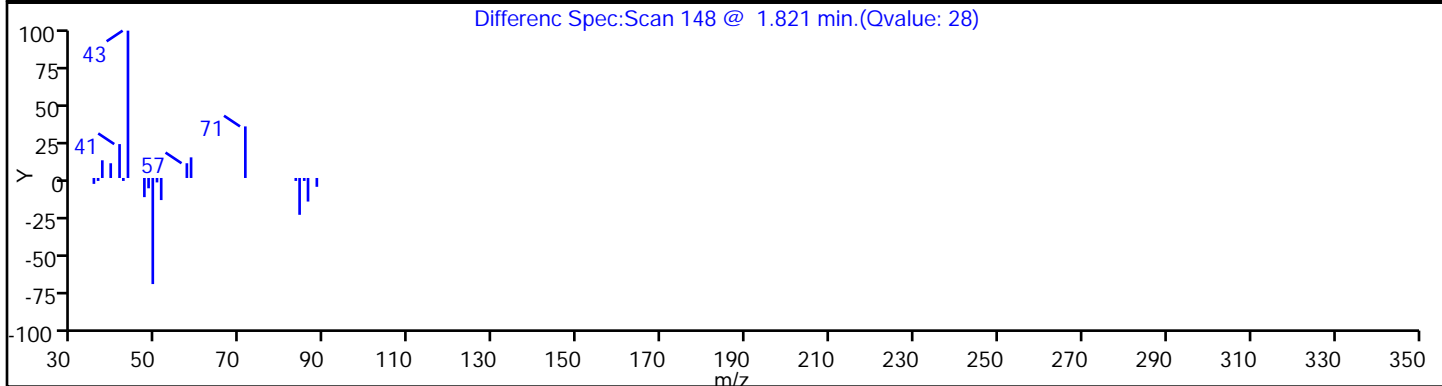
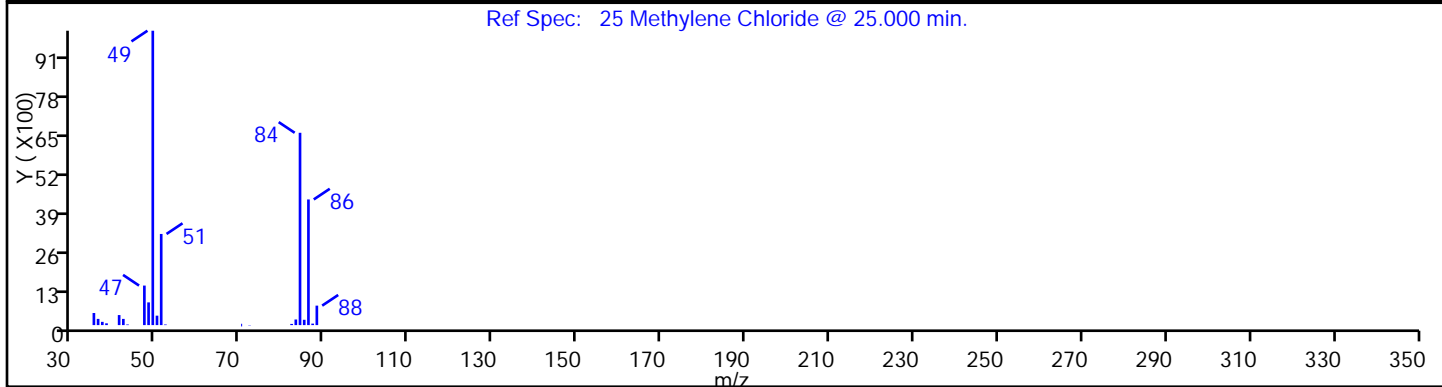
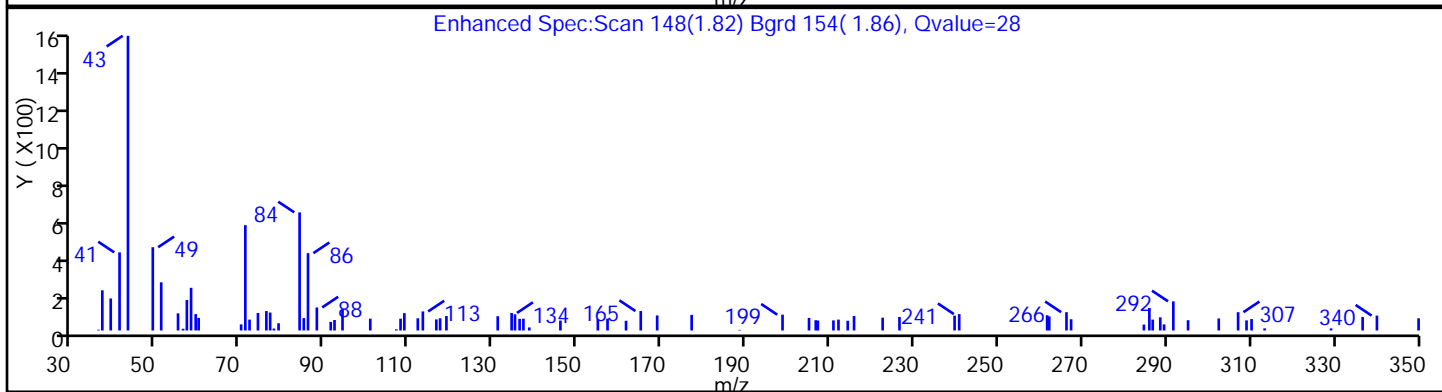
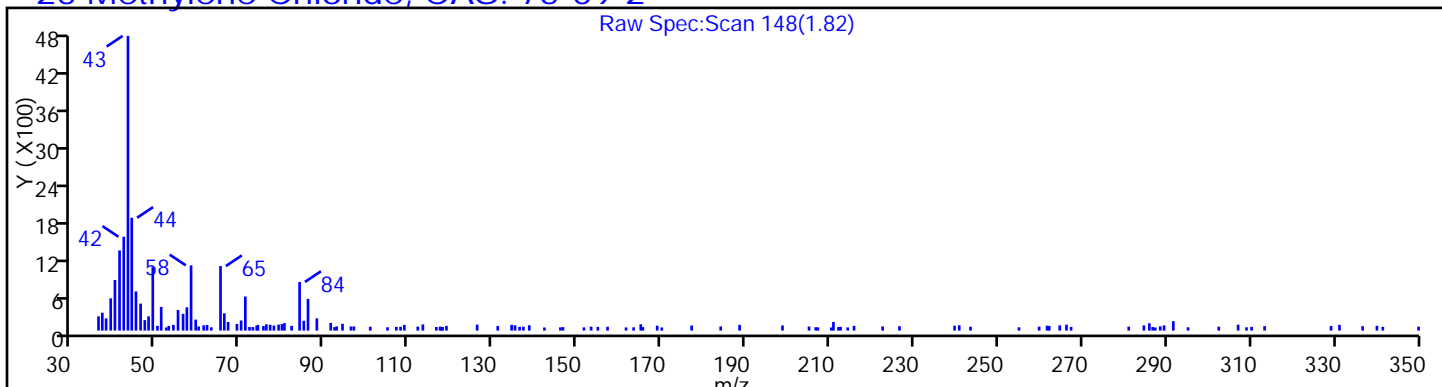
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

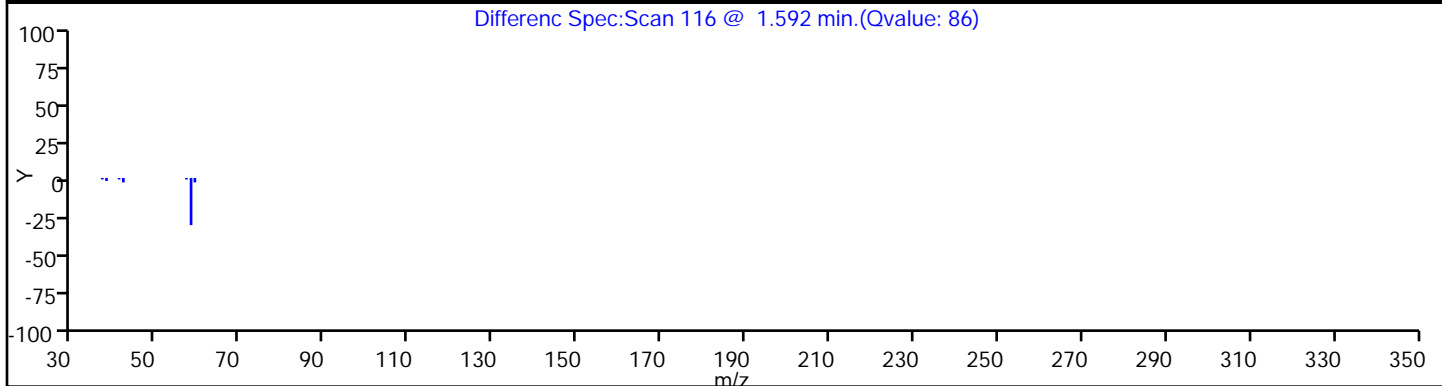
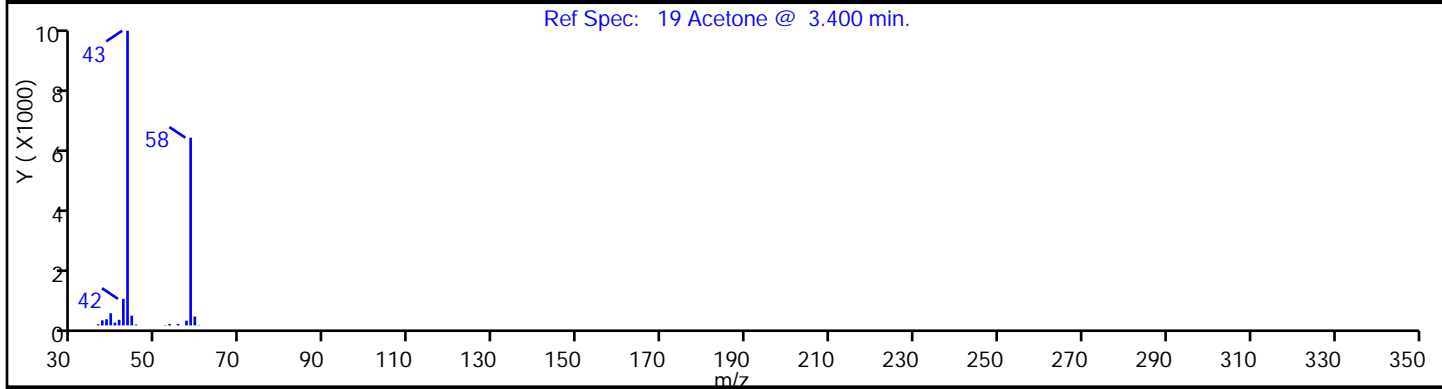
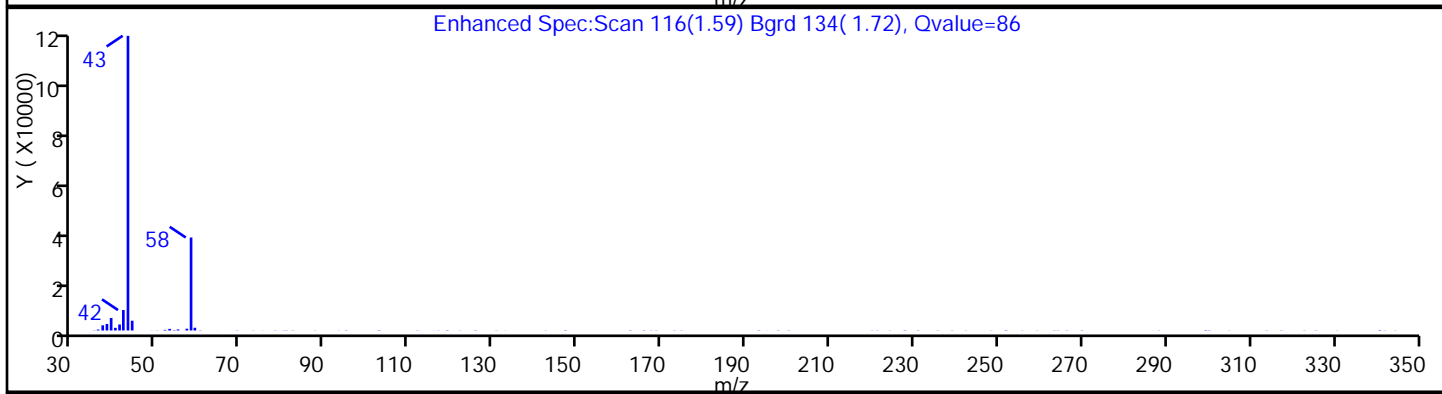
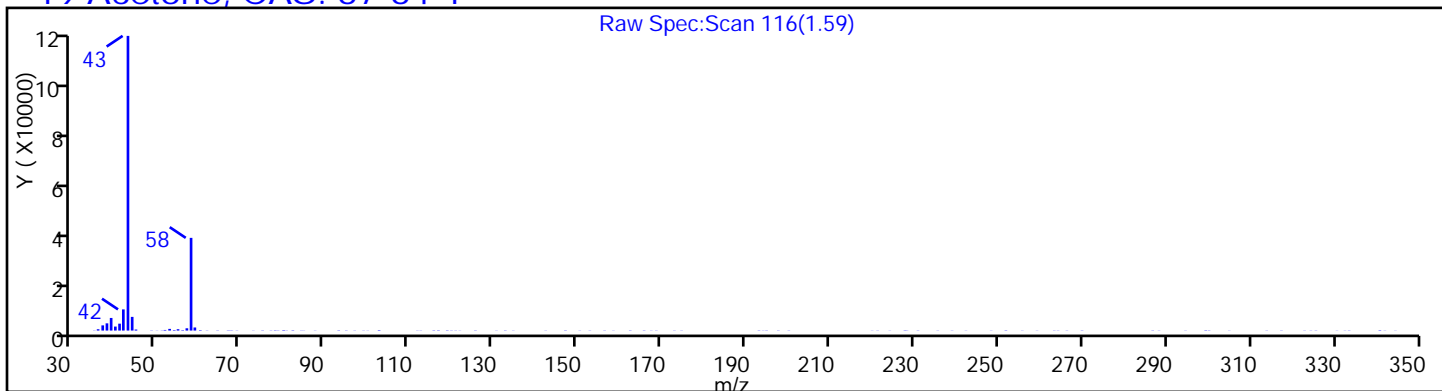
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

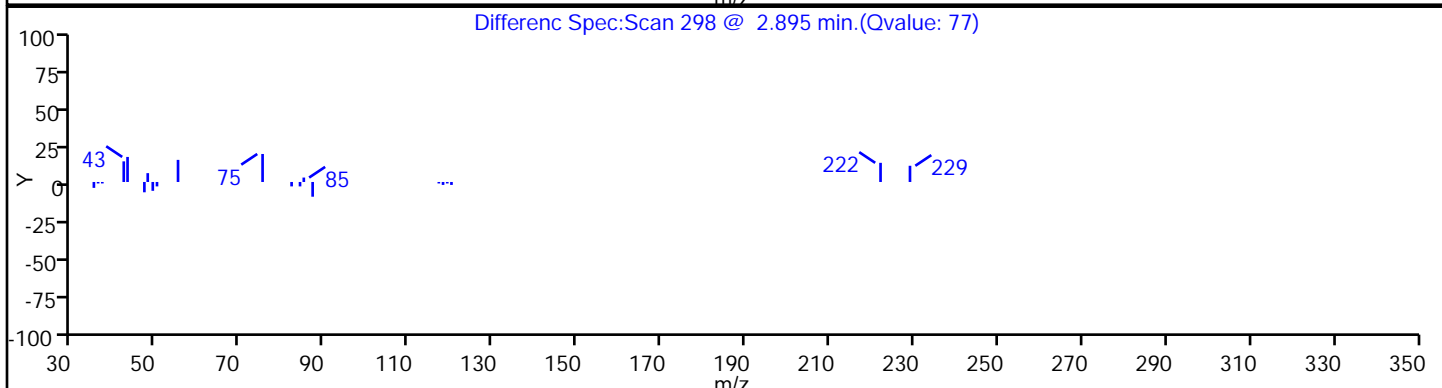
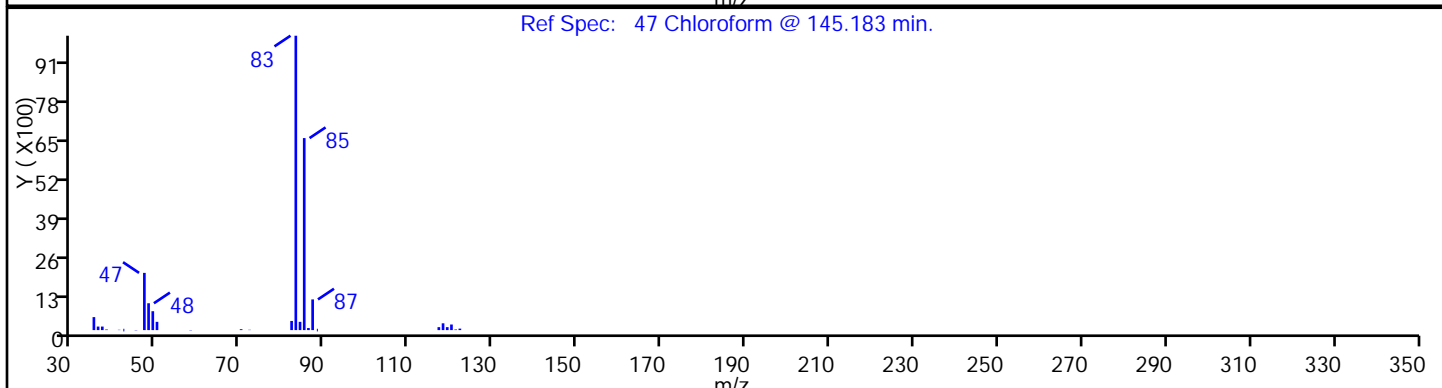
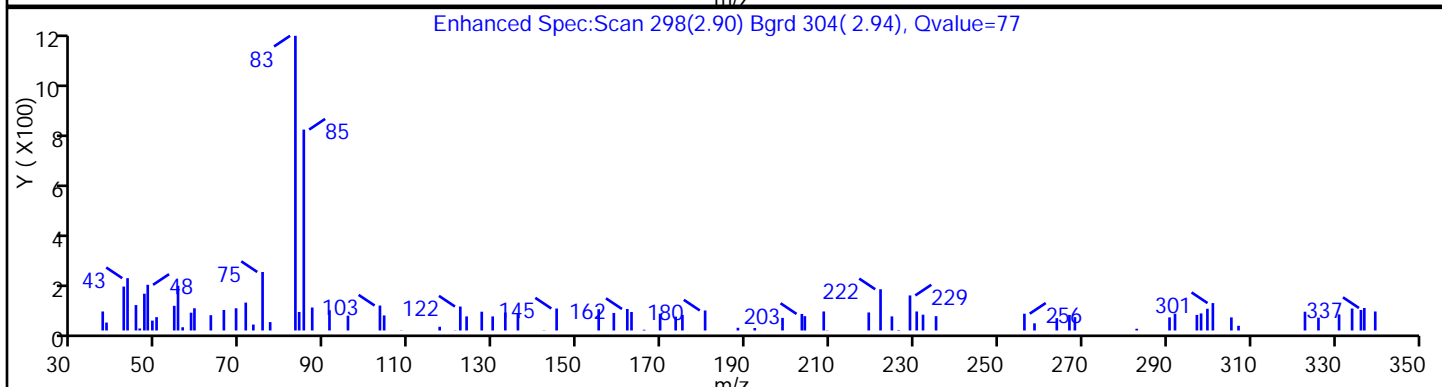
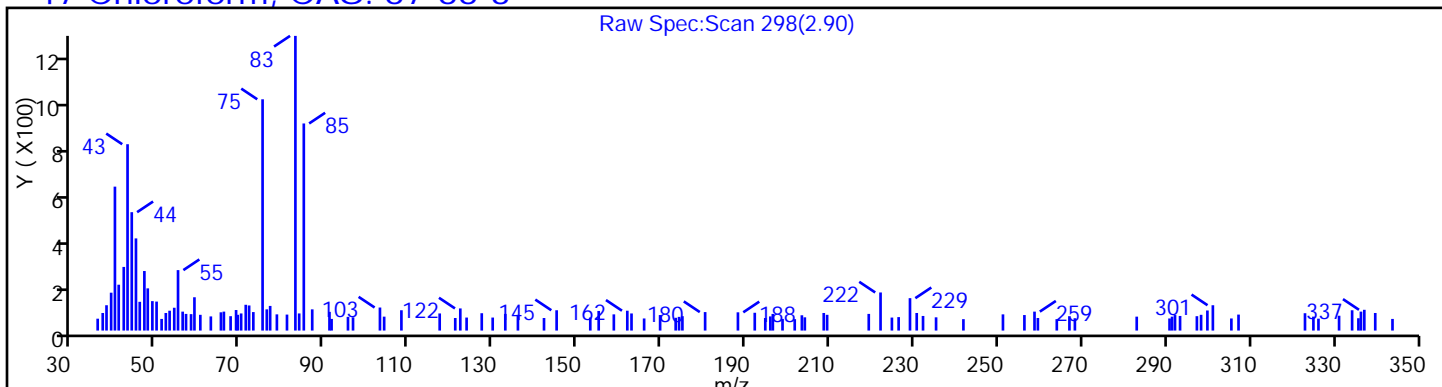
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

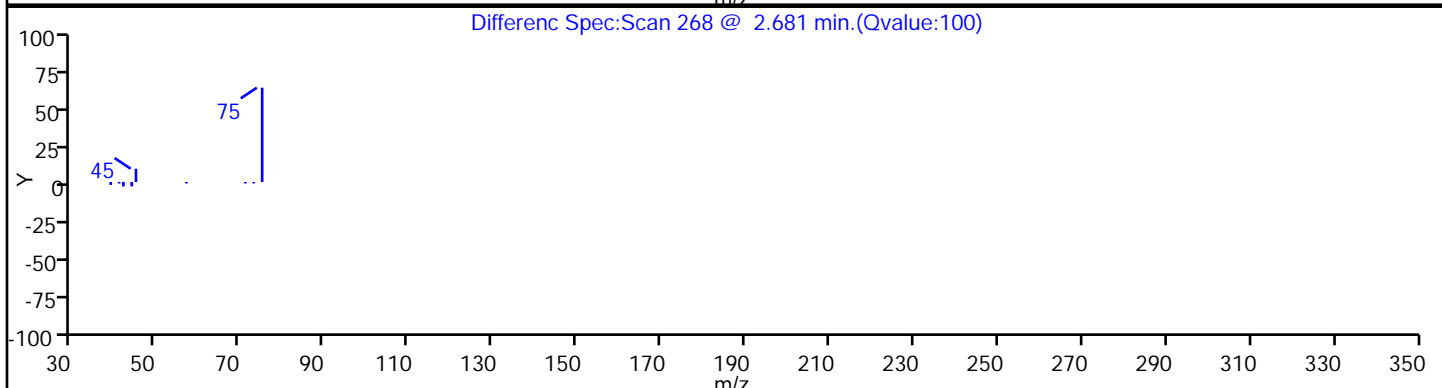
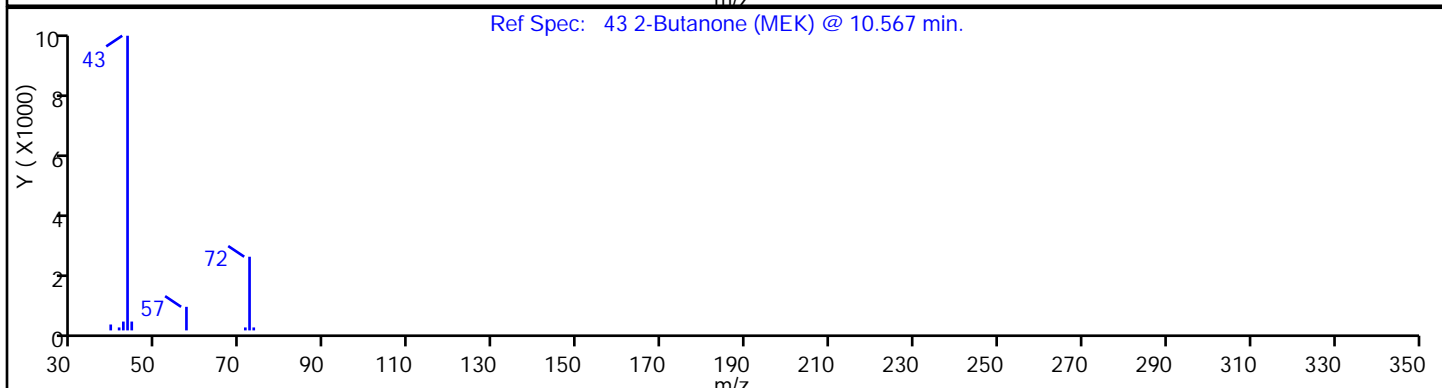
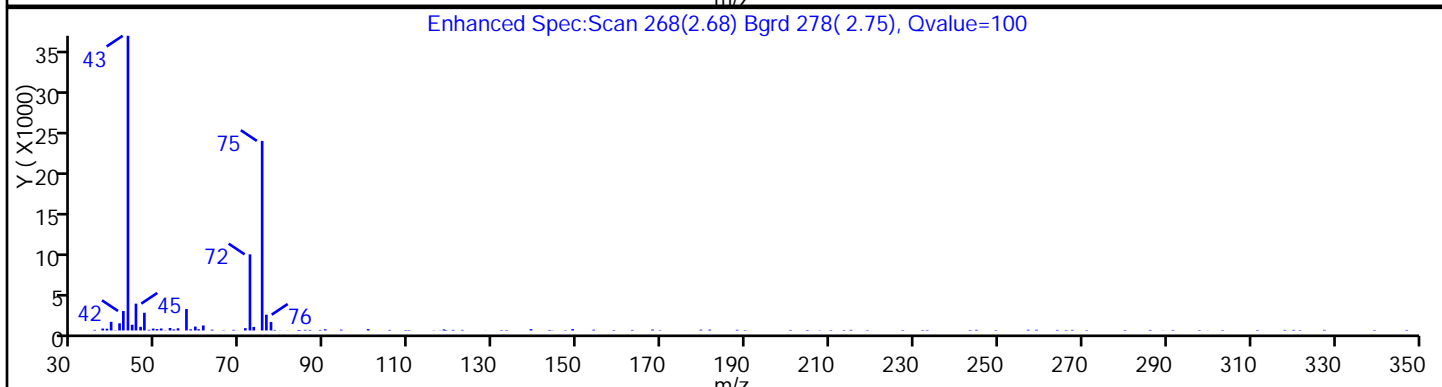
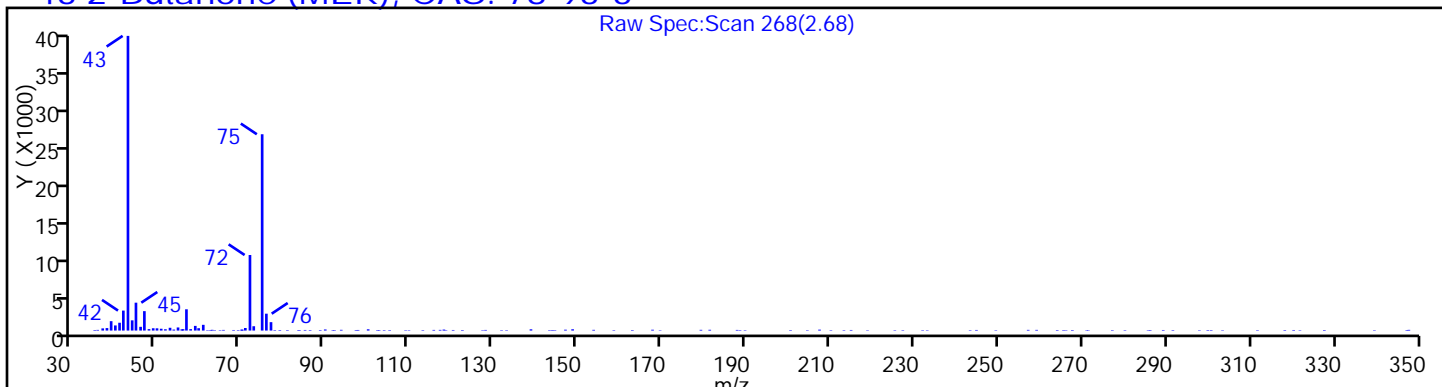
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

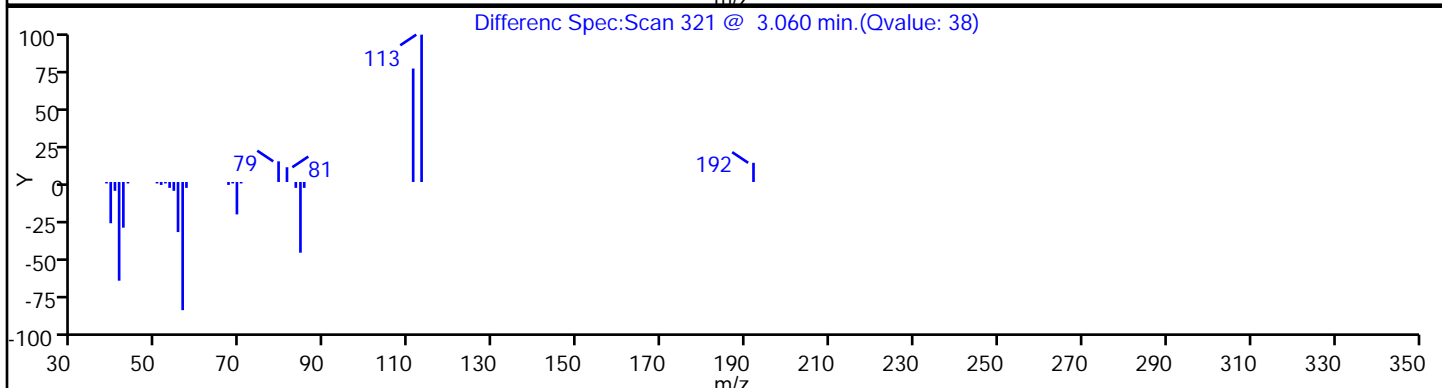
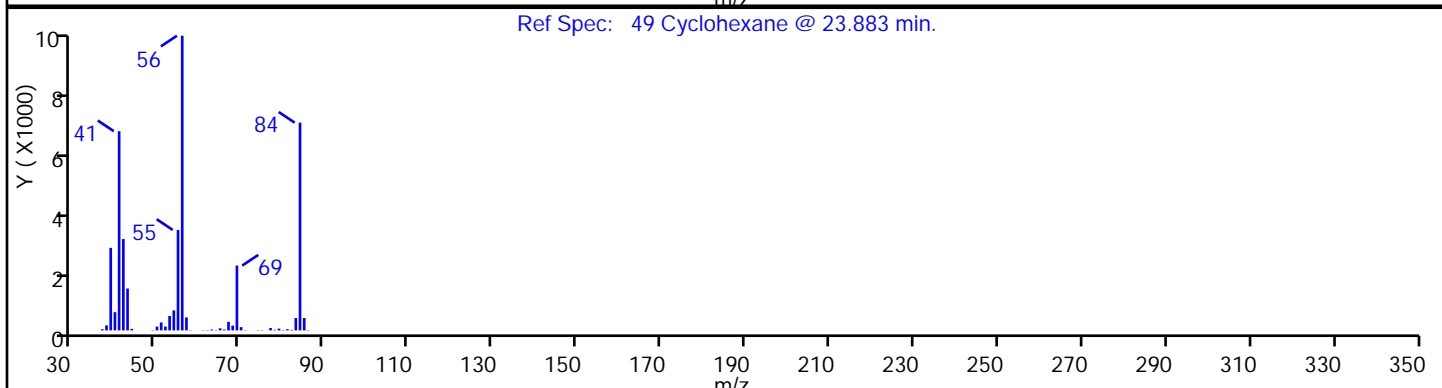
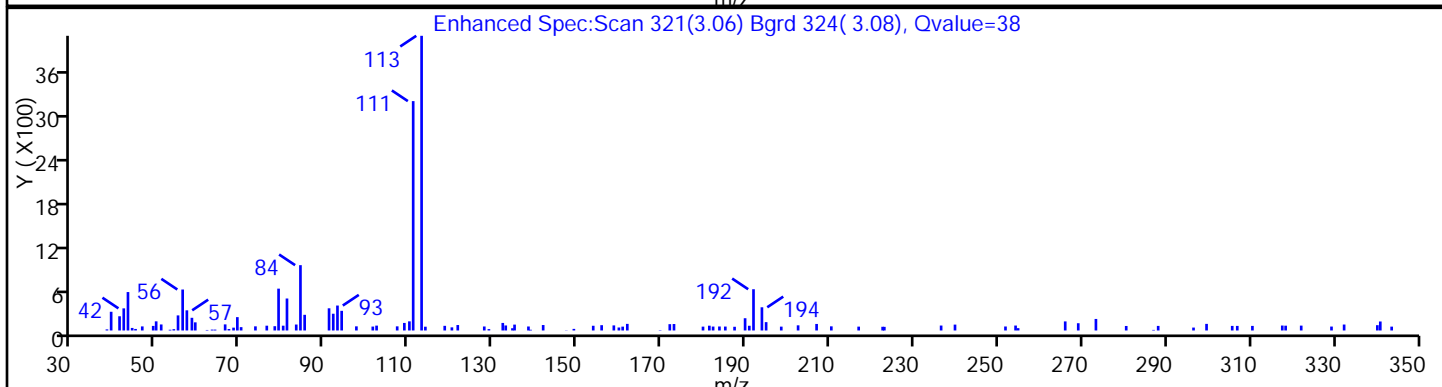
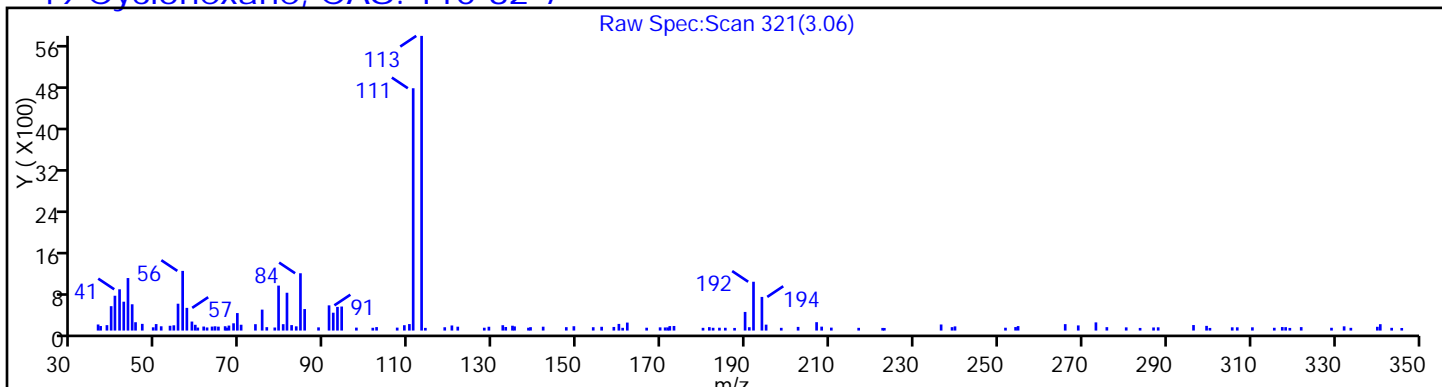
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

49 Cyclohexane, CAS: 110-82-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

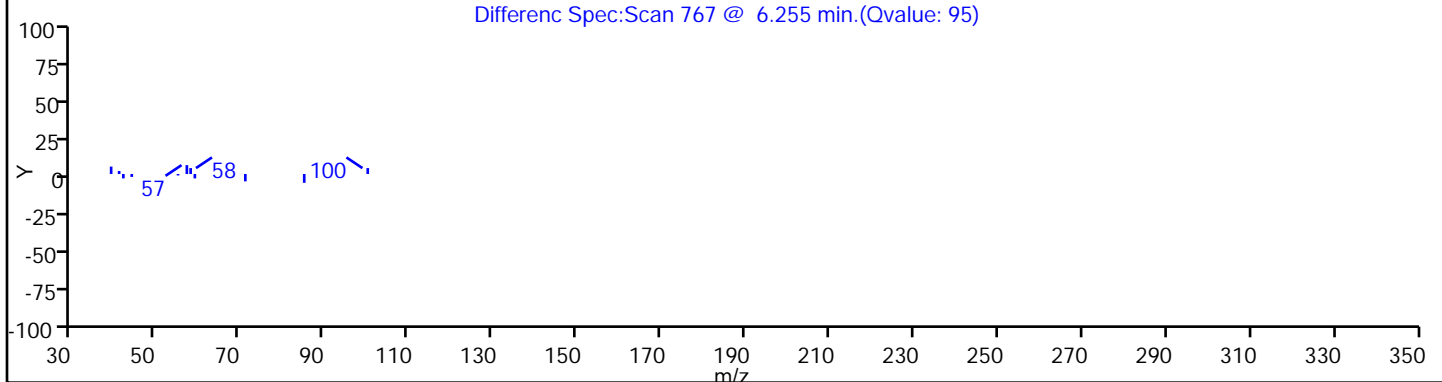
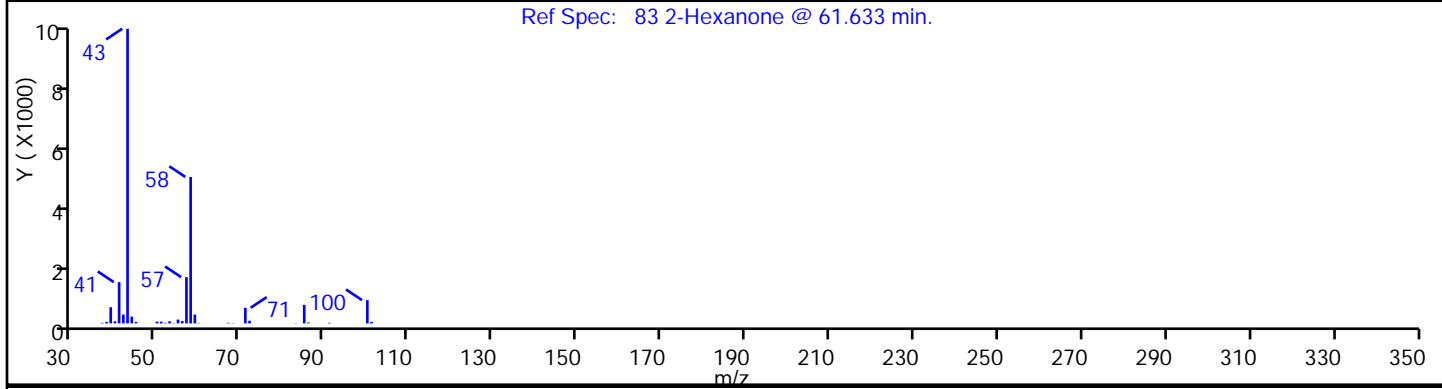
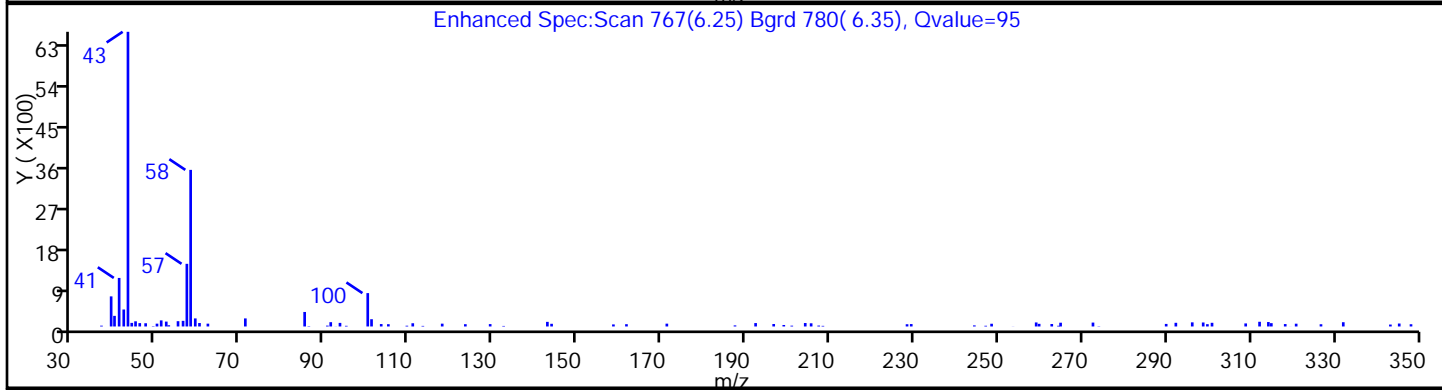
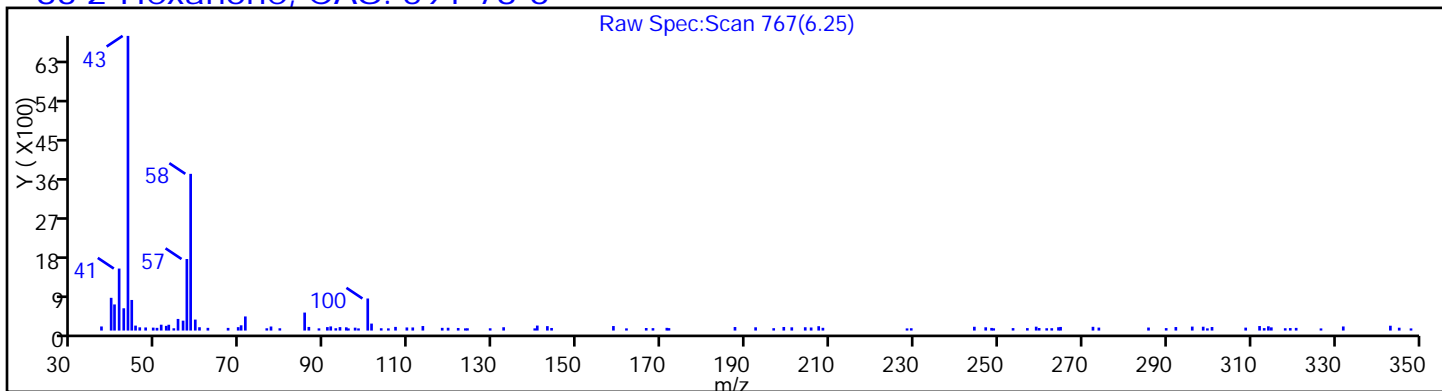
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

83 2-Hexanone, CAS: 591-78-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

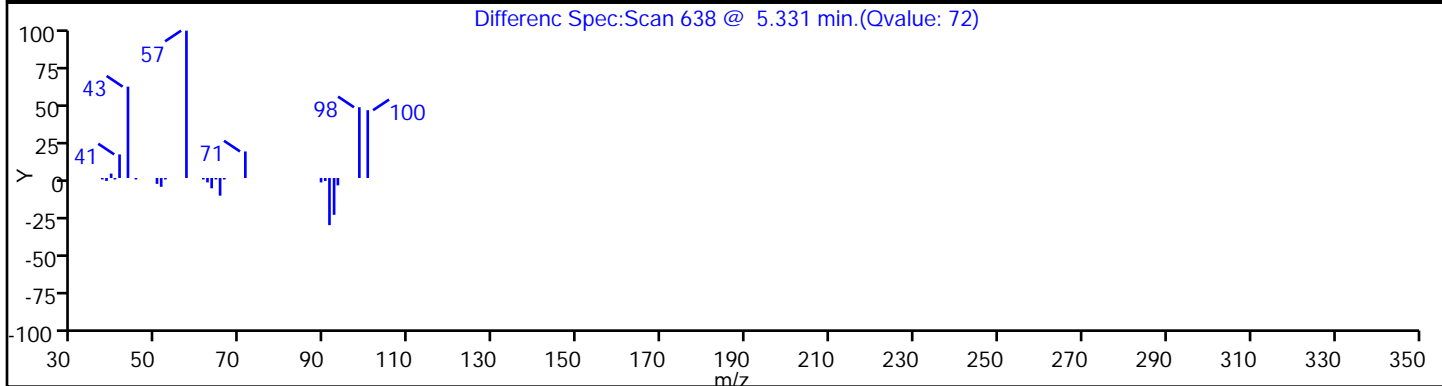
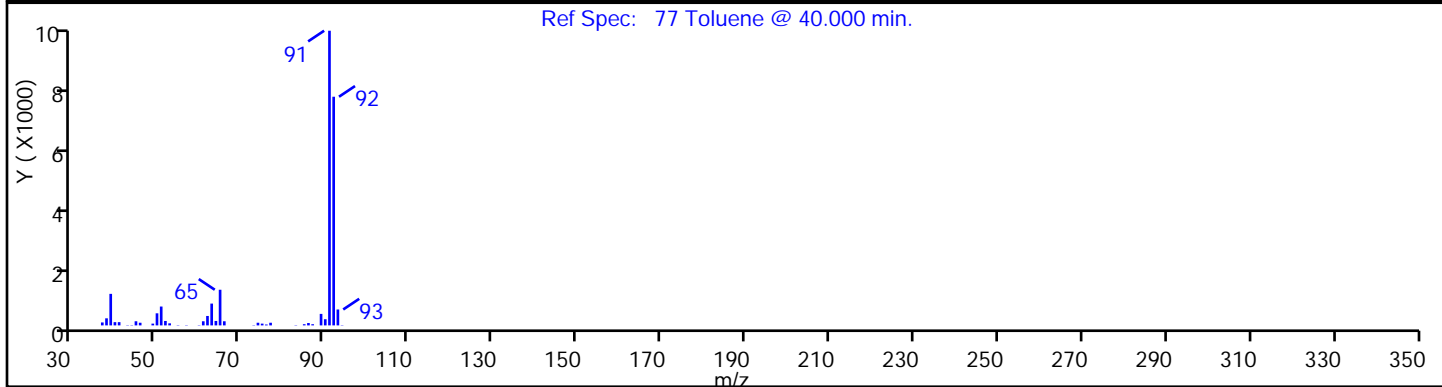
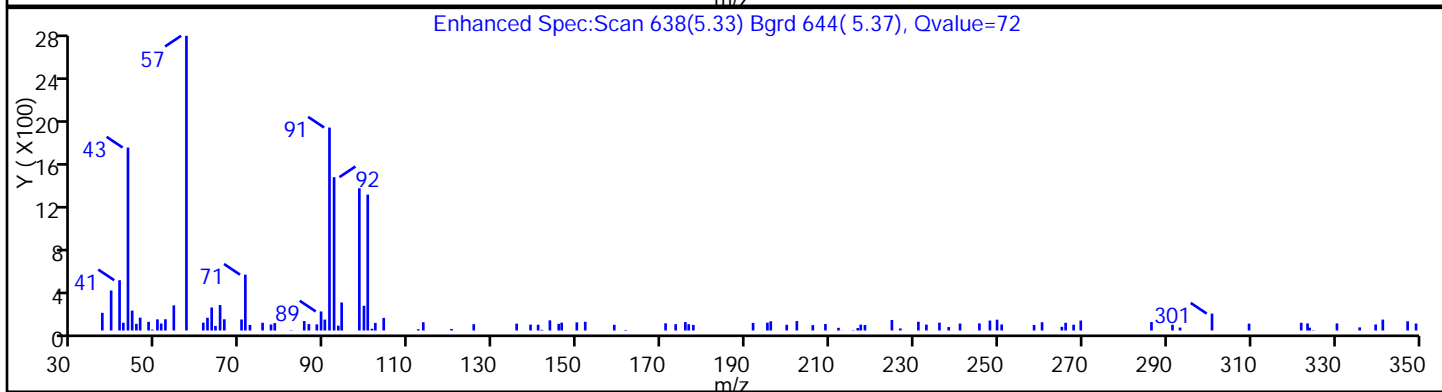
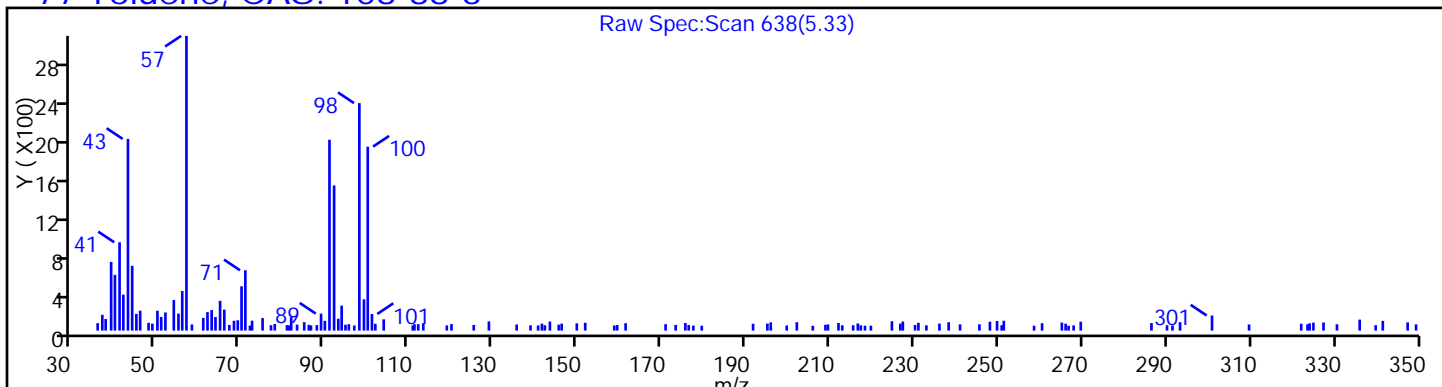
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

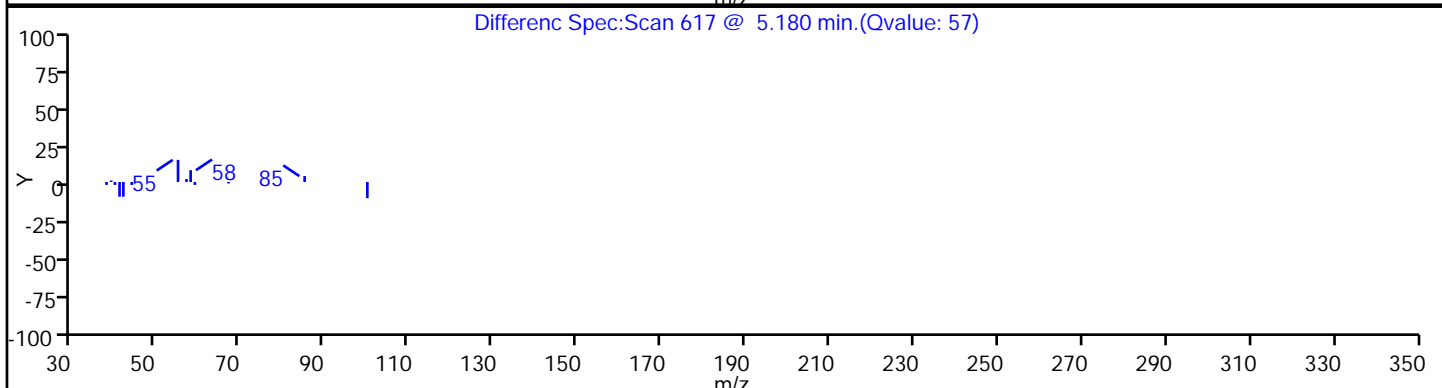
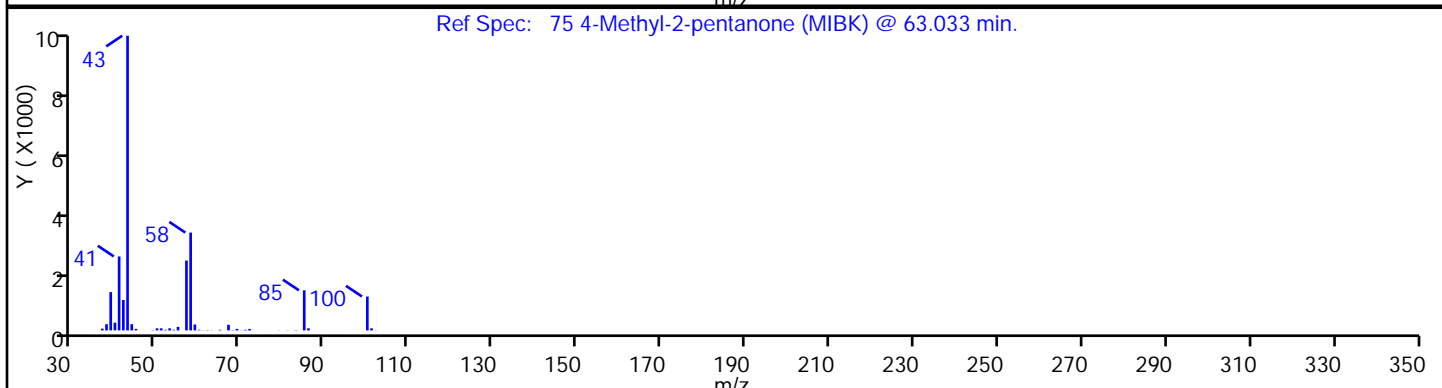
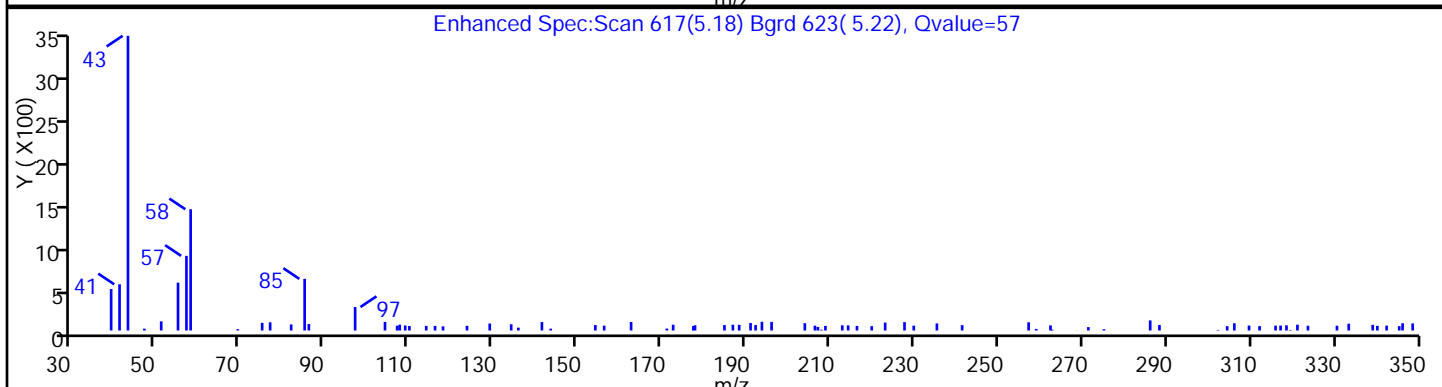
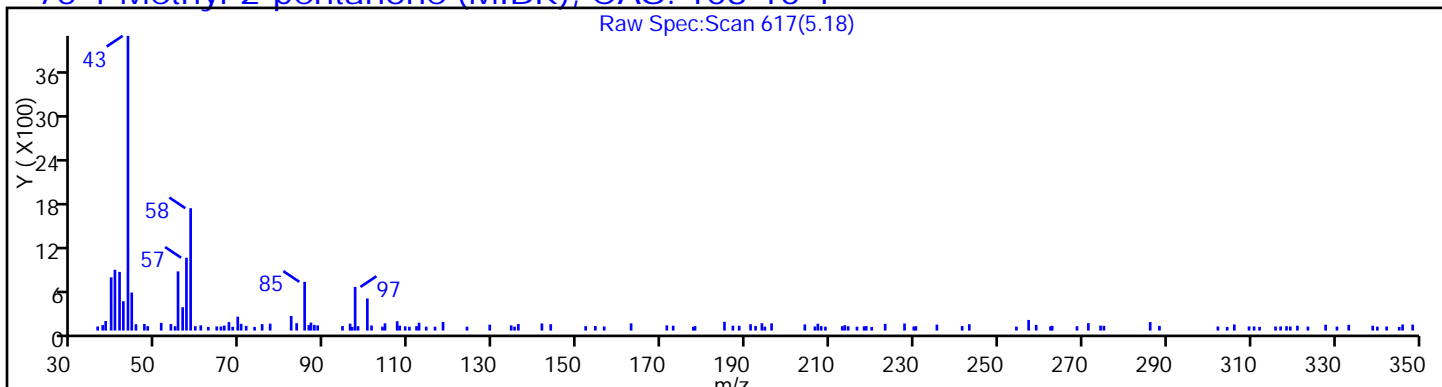
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

75 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

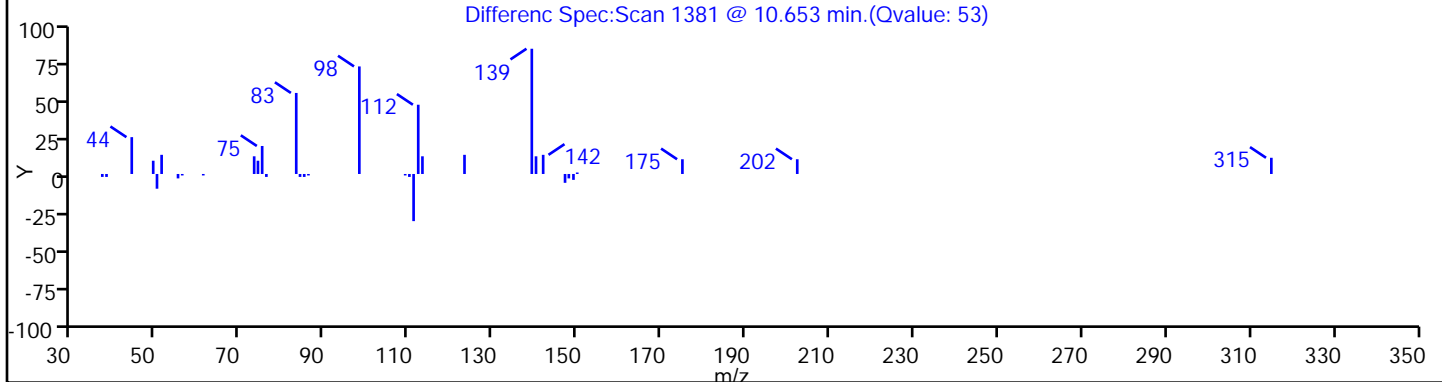
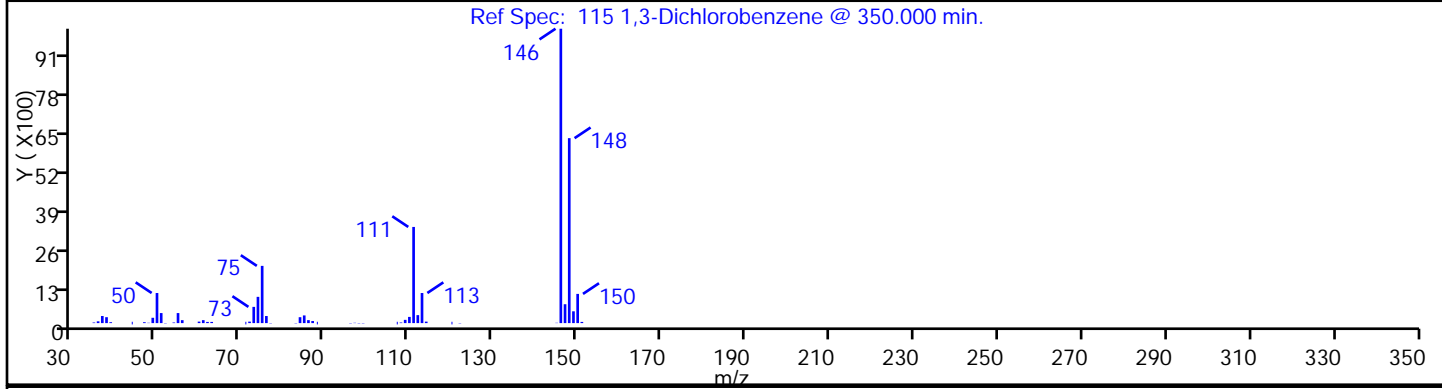
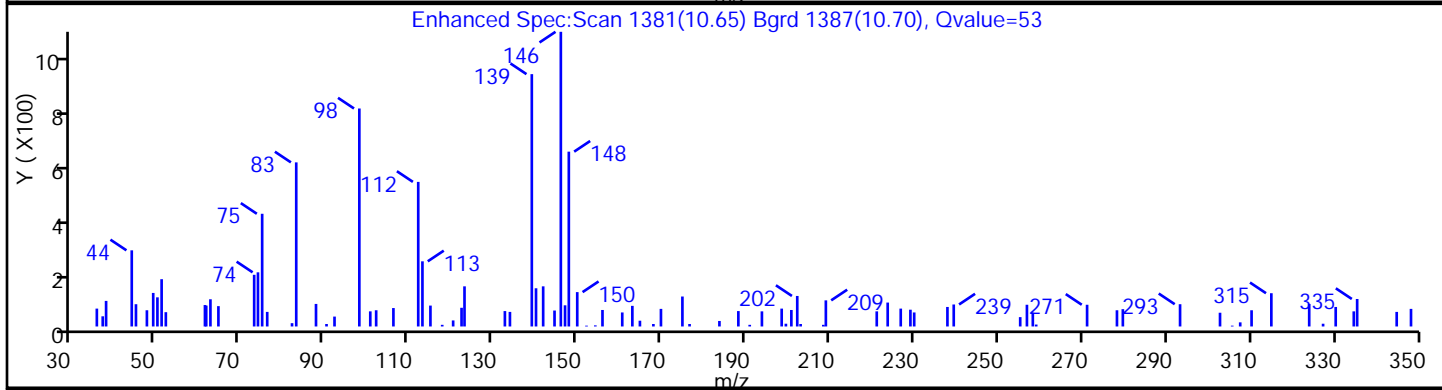
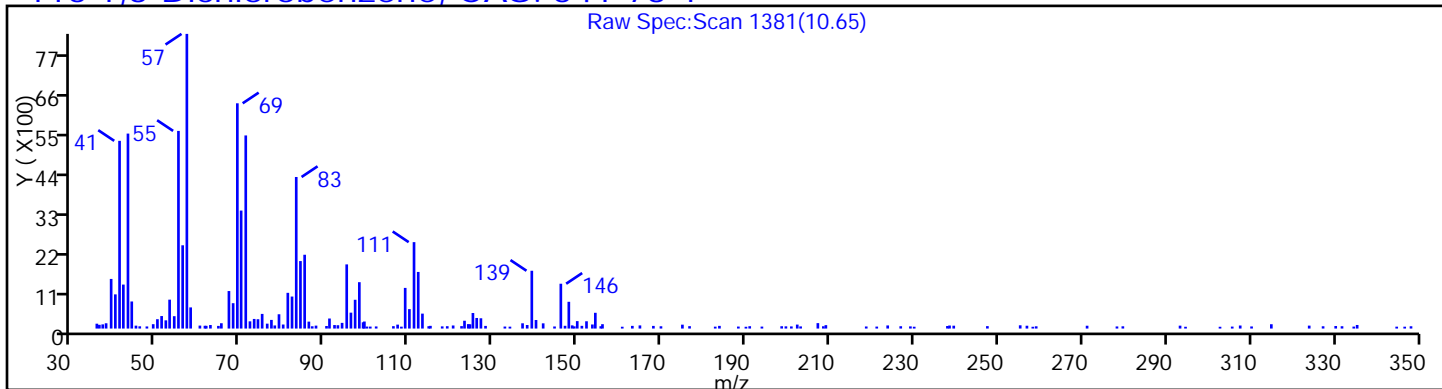
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

115 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

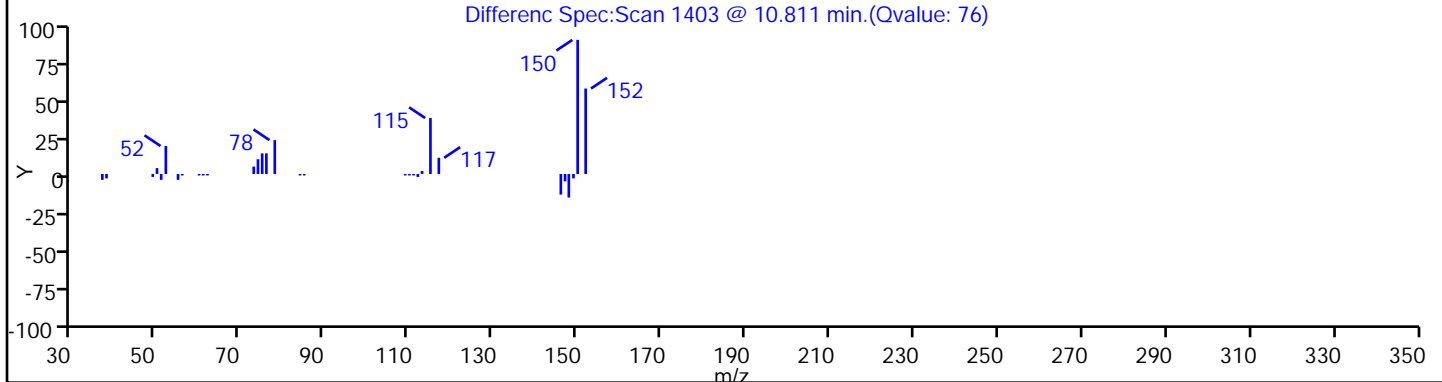
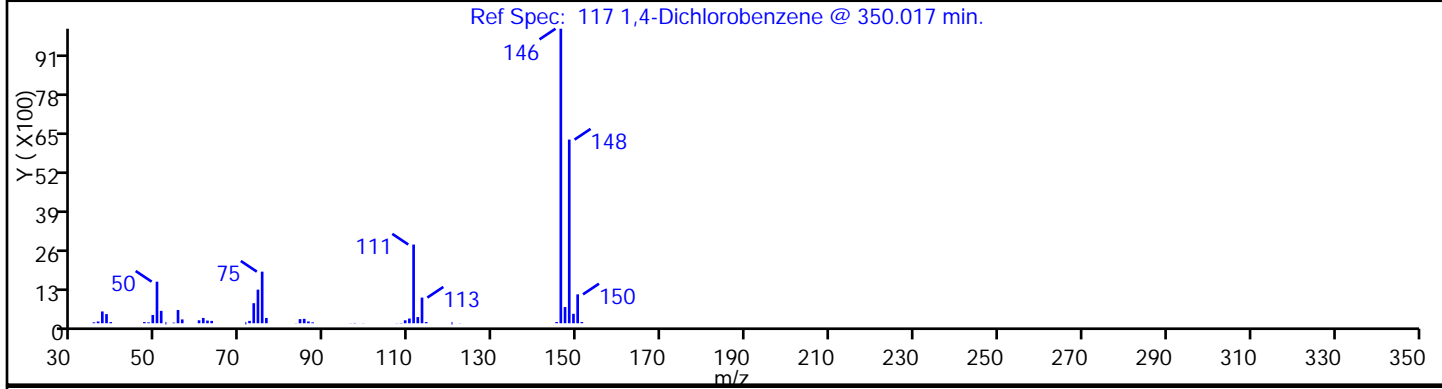
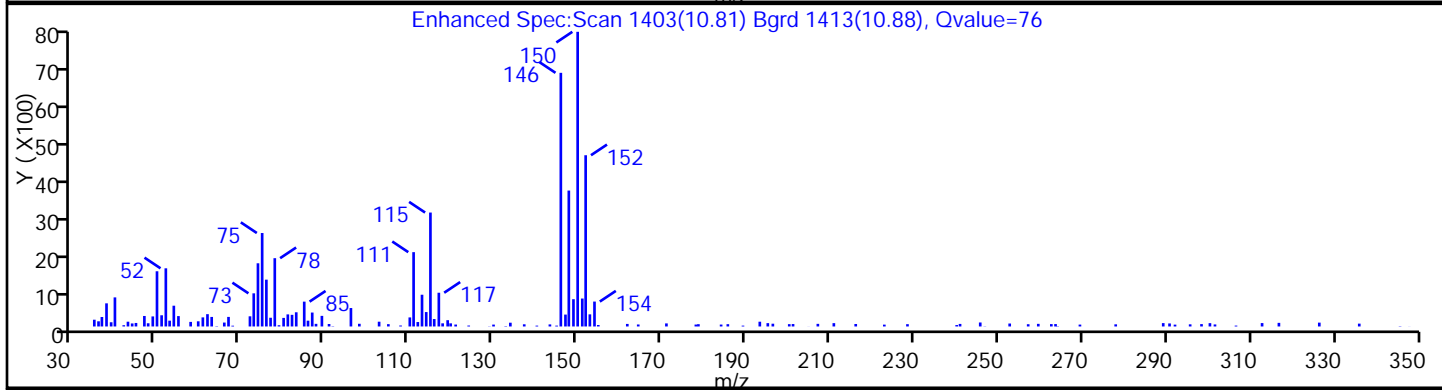
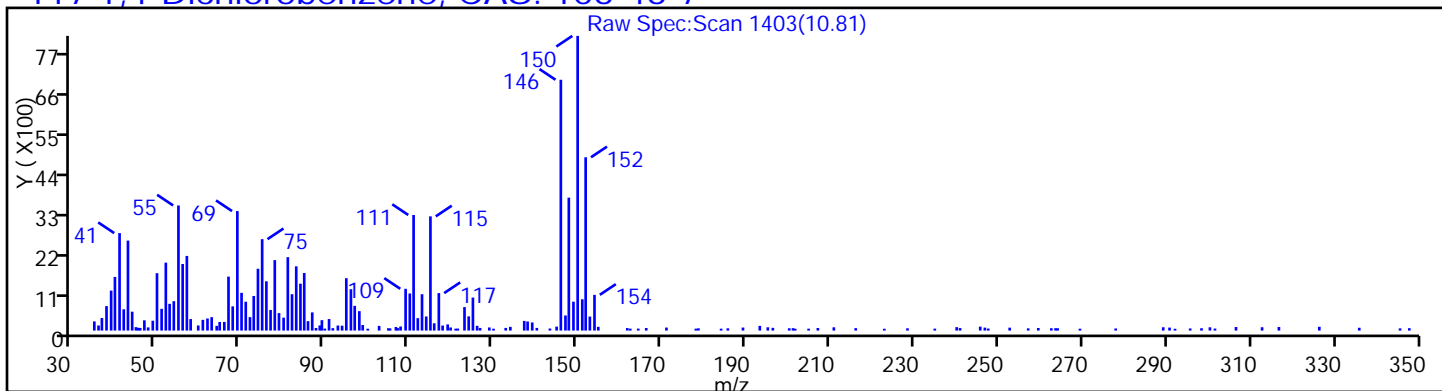
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

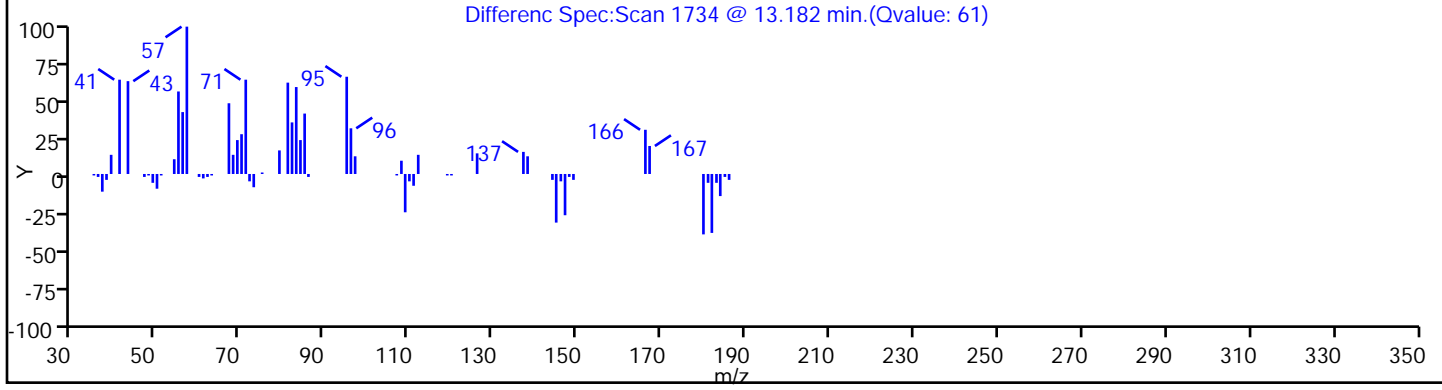
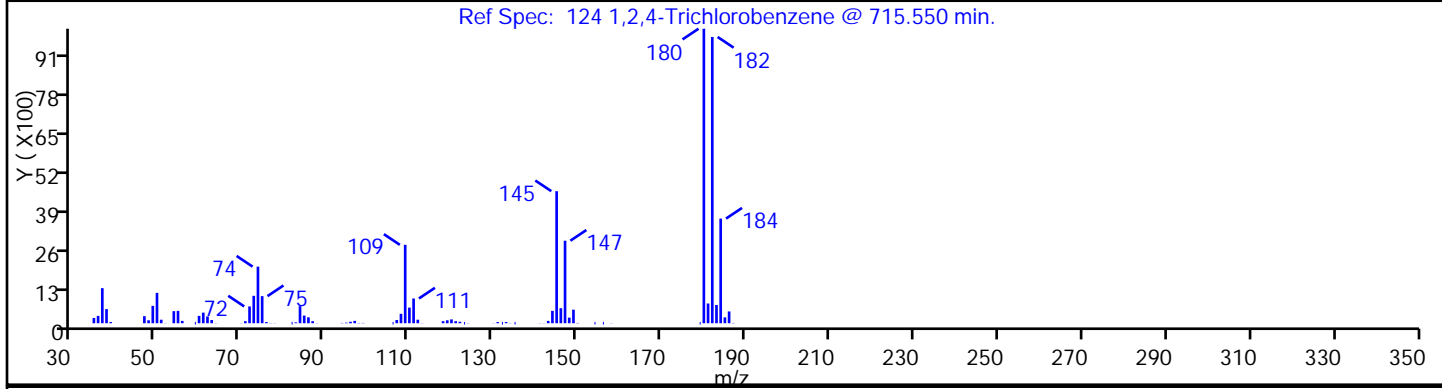
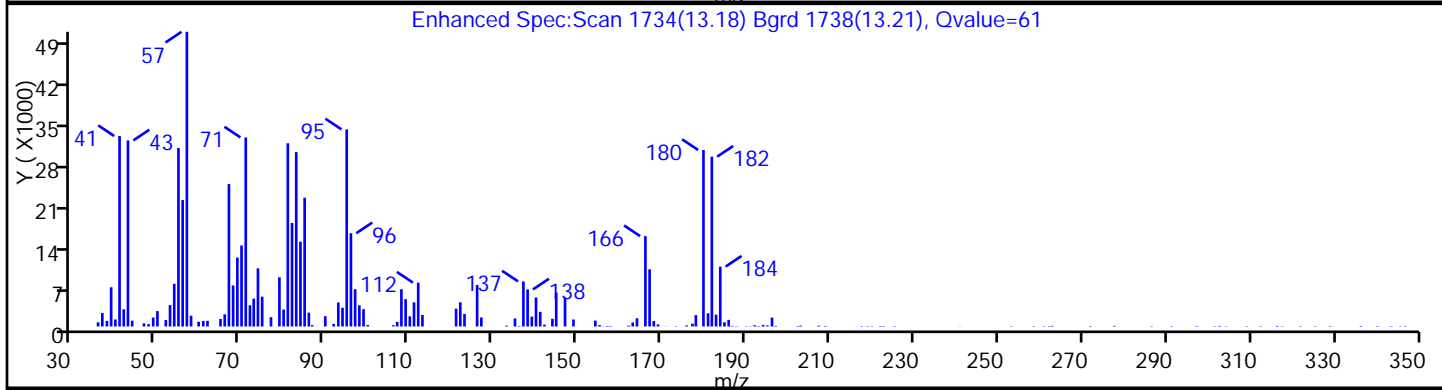
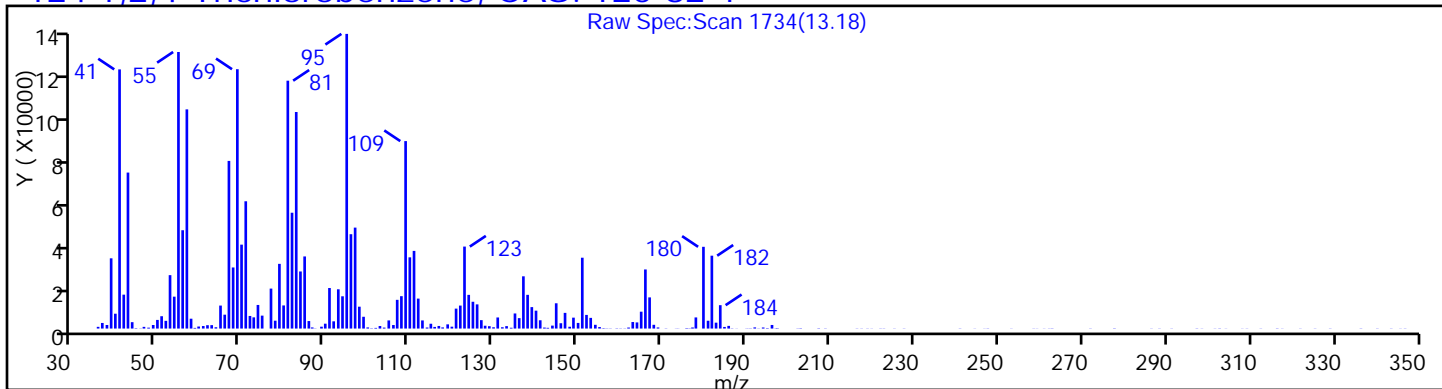
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

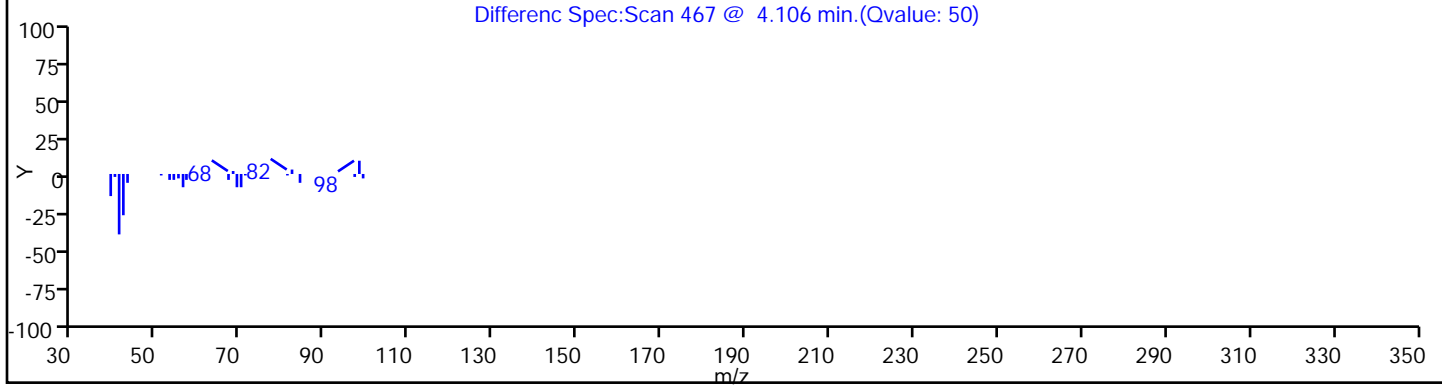
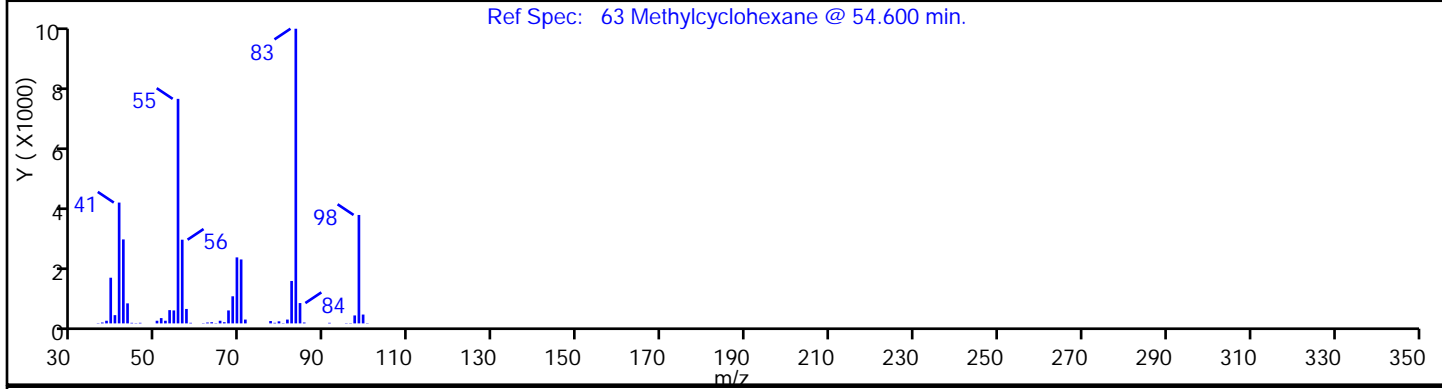
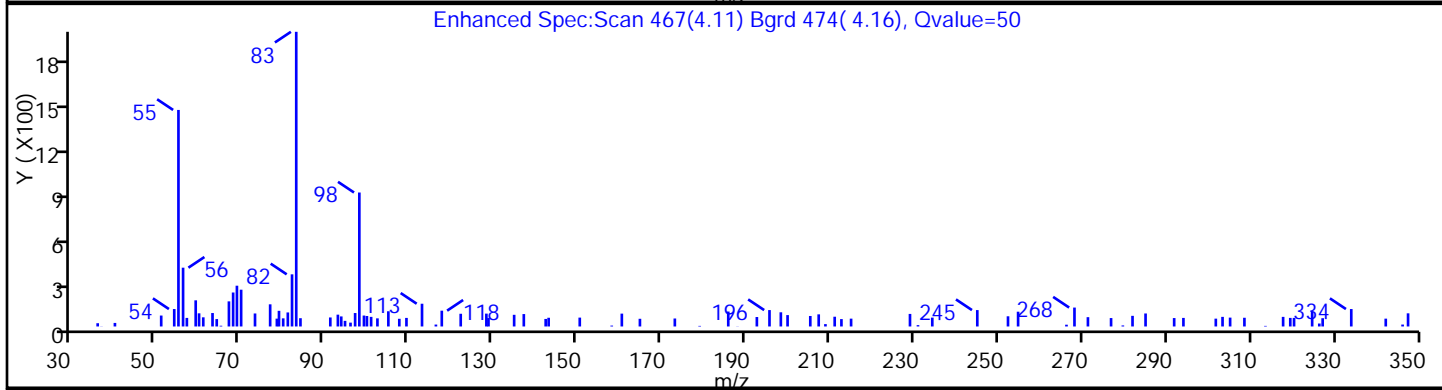
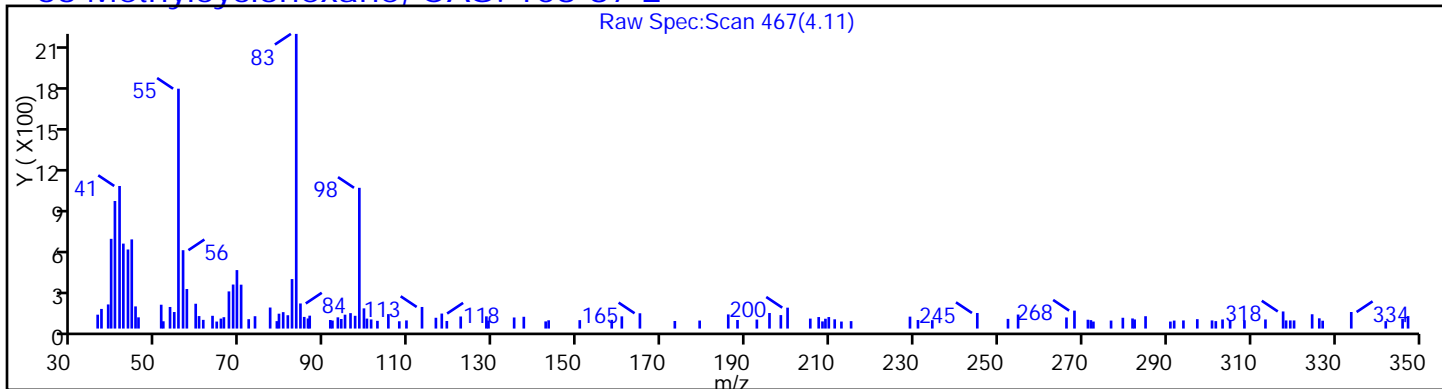
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



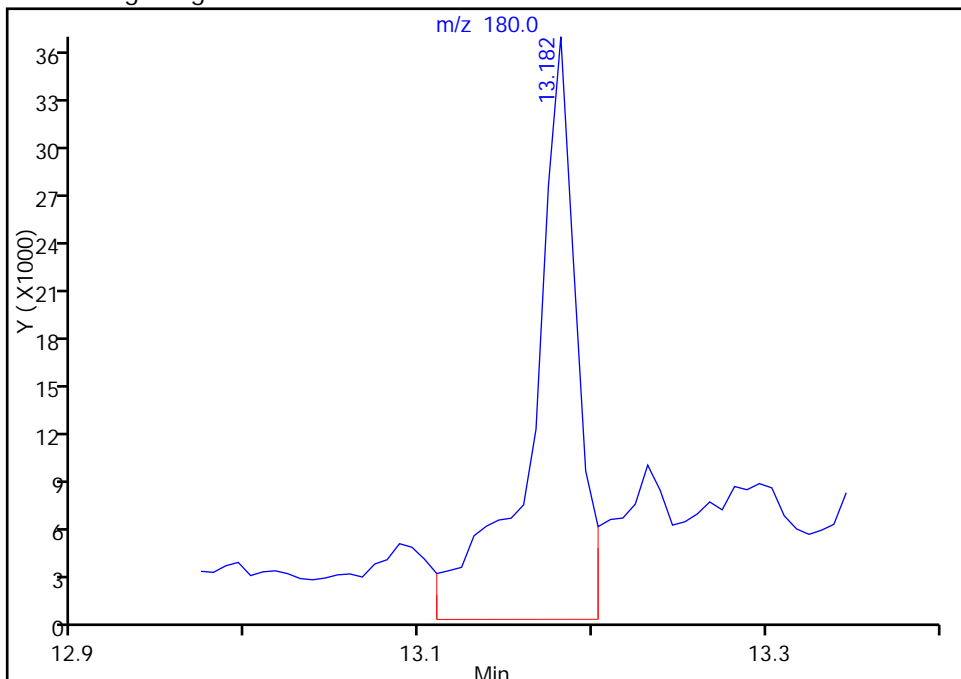
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D
Injection Date: 14-Mar-2014 10:51:30 Instrument ID: CVOAMS12
Lims ID: 460-72180-B-26-A Lab Sample ID: 460-72180-26
Client ID: DUP3_030714
Operator ID: VOA GC/MS12 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
Column: DB-624 (0.18 mm) Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1

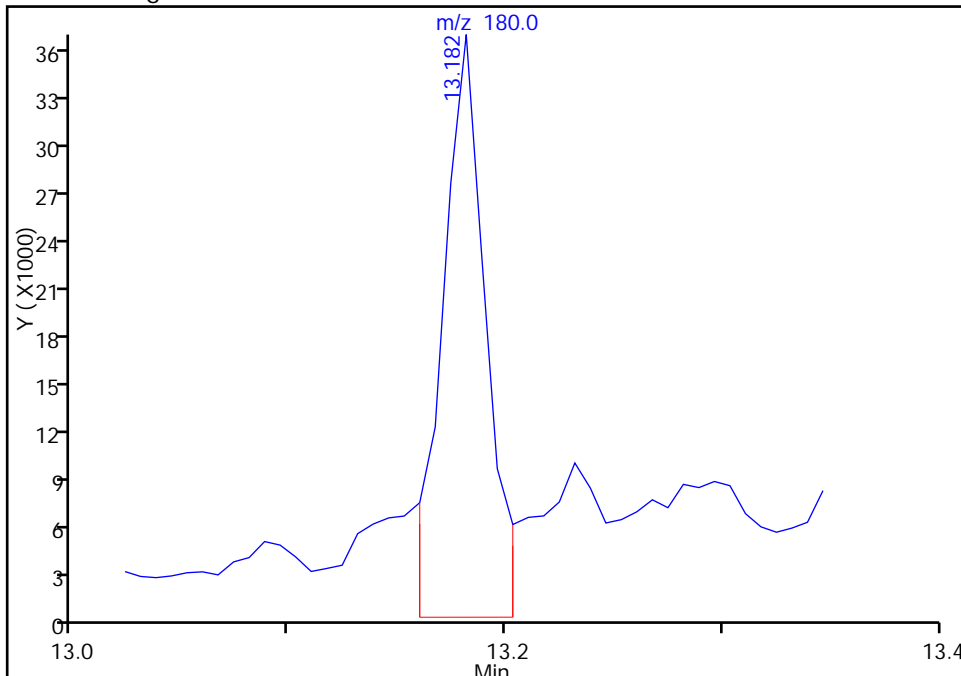
RT: 13.18
Response: 65885
Amount: 11.146892

Processing Integration Results



RT: 13.18
Response: 51785
Amount: 8.761354

Manual Integration Results



Reviewer: delpolitov, 14-Mar-2014 11:26:31
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

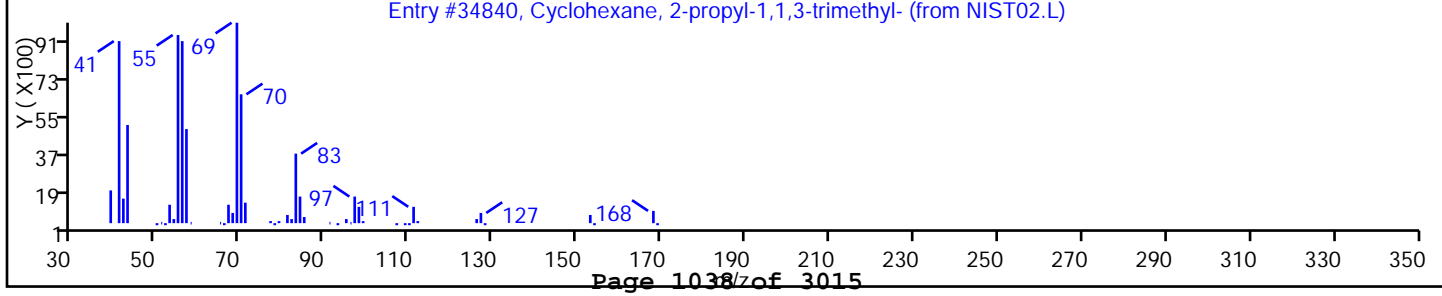
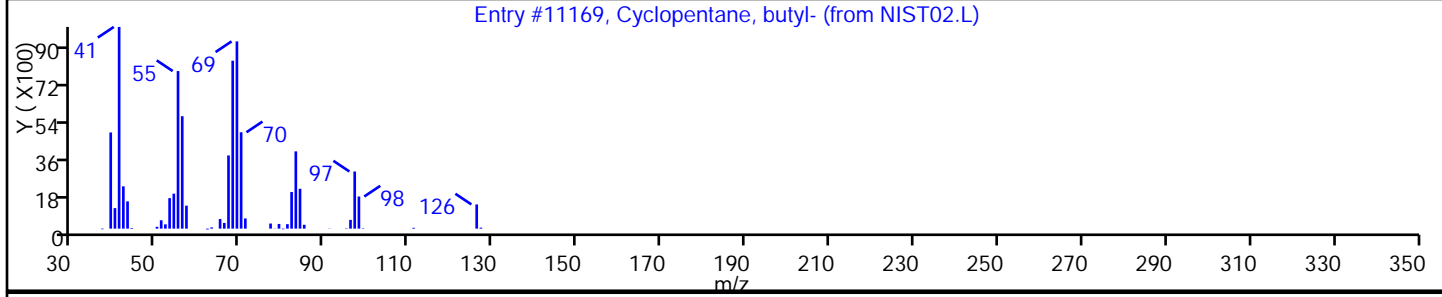
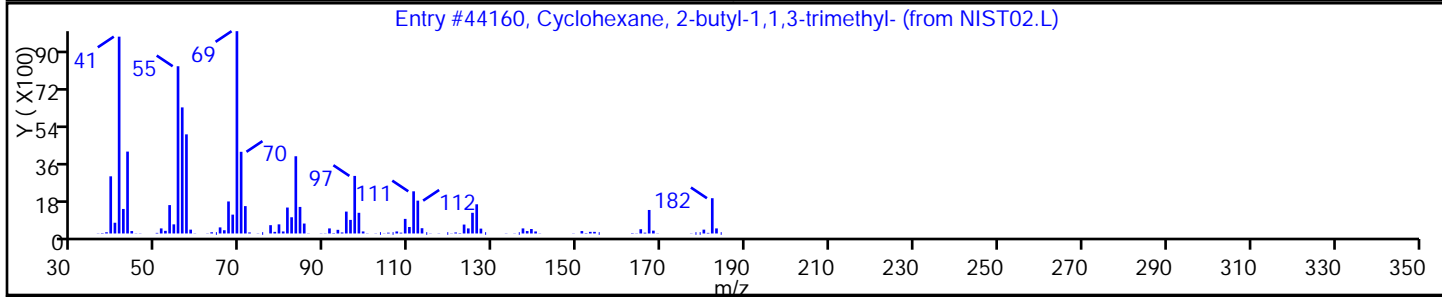
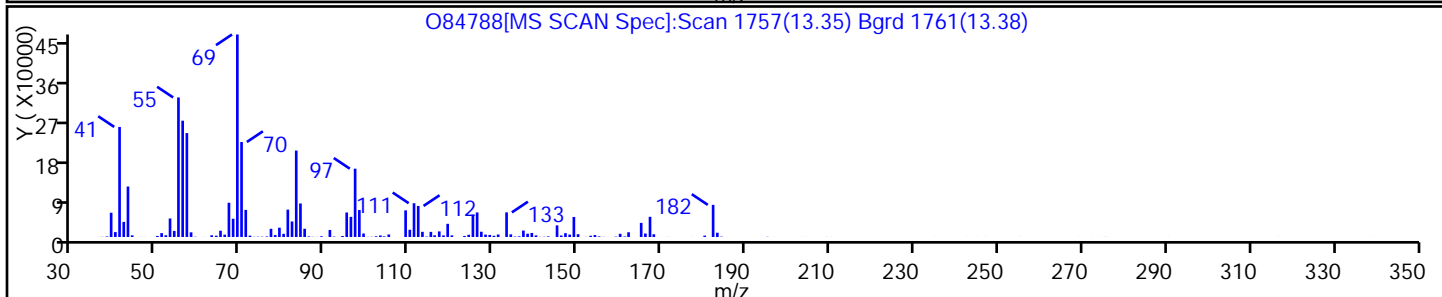
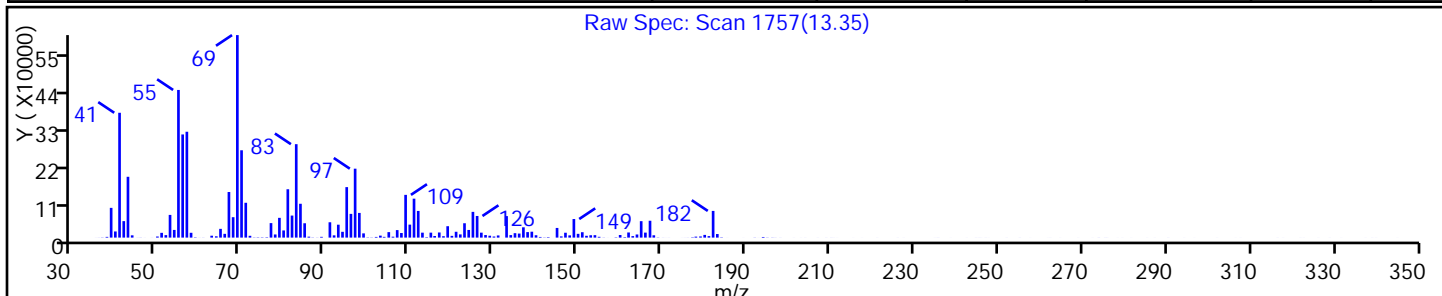
Method: 8260S_12

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	94
Cyclopentane, butyl-	2040-95-1	NIST02.L	11169	C9H18	126	87
Cyclohexane, 2-propyl-1,1,3-trimethyl-	81983-70-2	NIST02.L	34840	C12H24	168	76



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

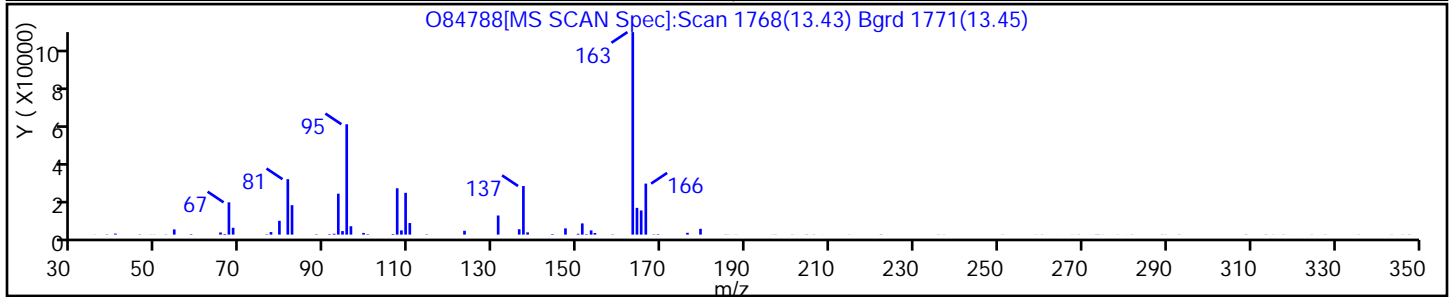
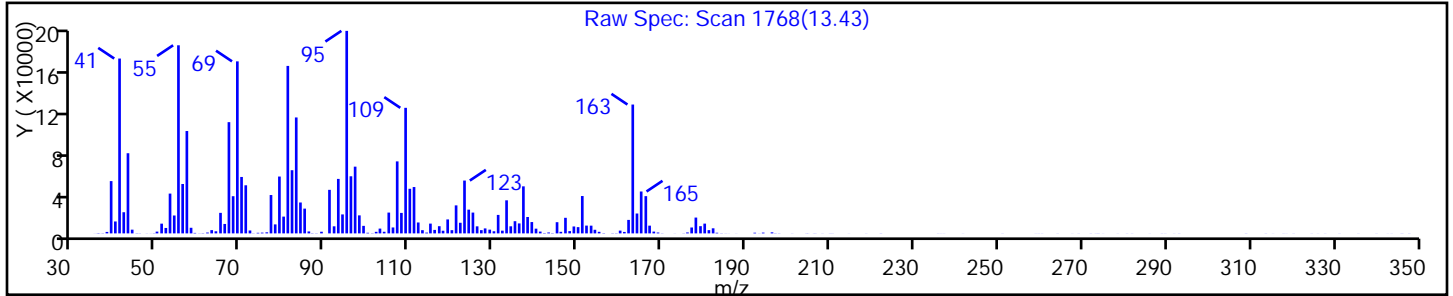
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

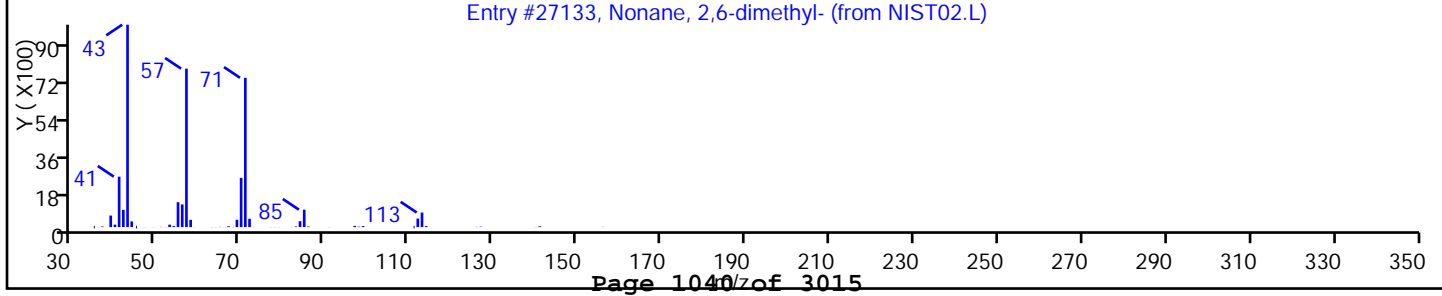
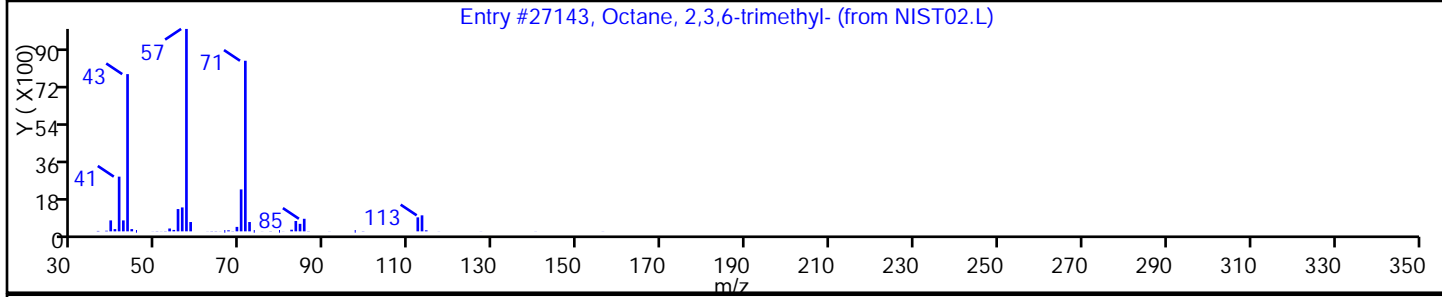
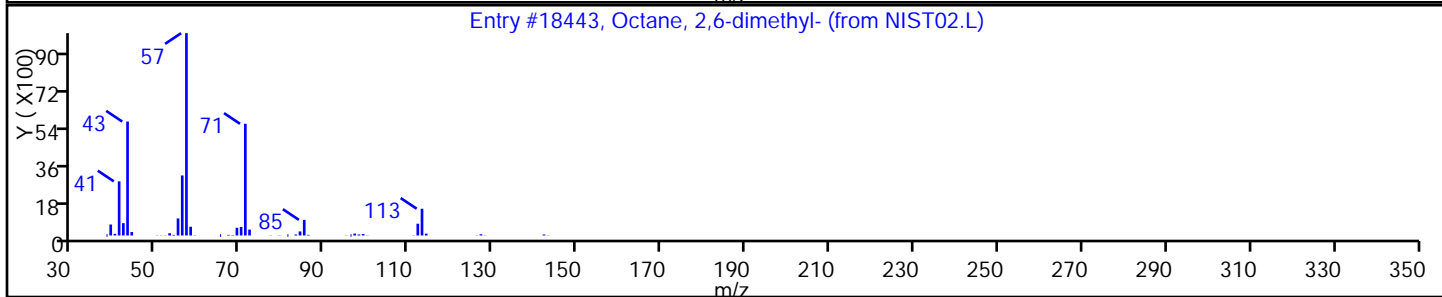
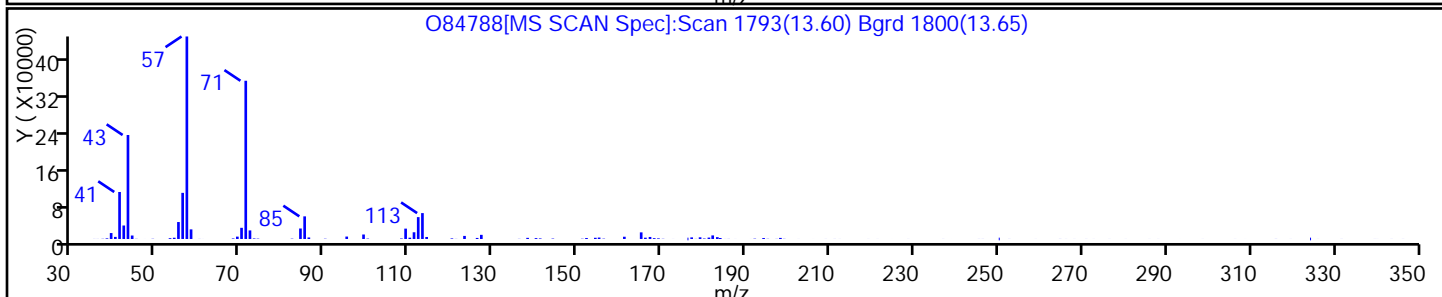
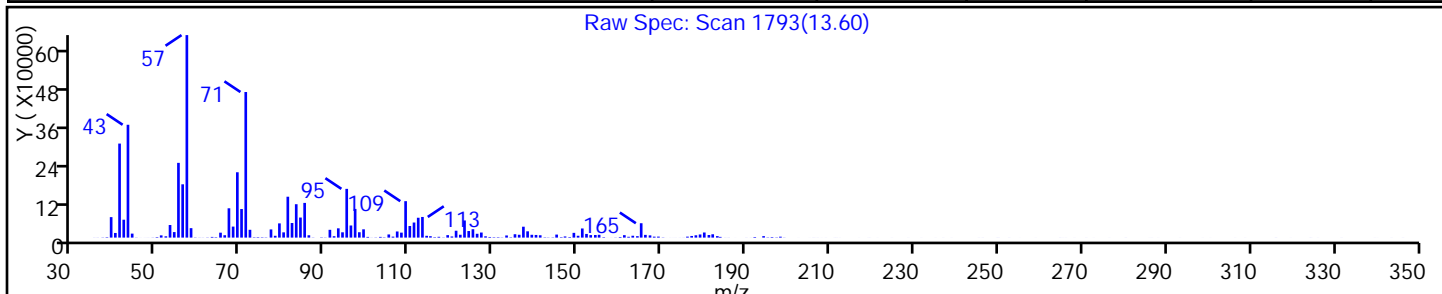
Method: 8260S_12

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	18443	C10H22	142	90
Octane, 2,3,6-trimethyl-	62016-33-5	NIST02.L	27143	C11H24	156	78
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.L	27133	C11H24	156	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

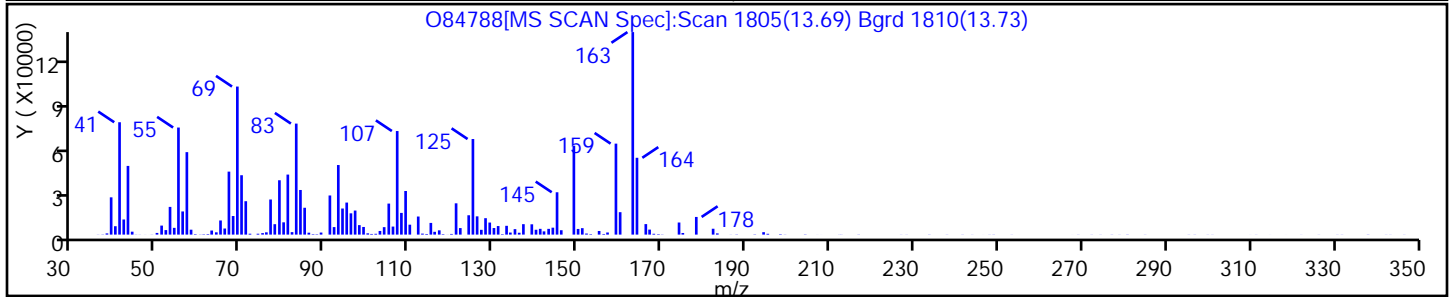
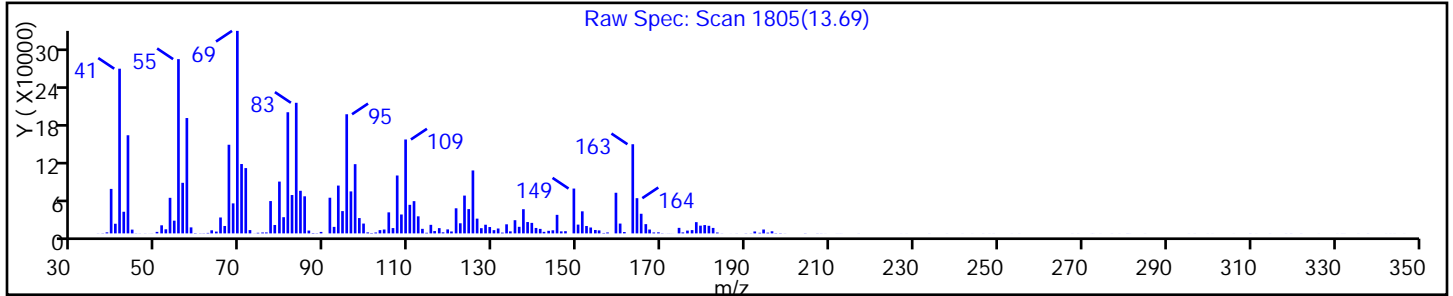
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

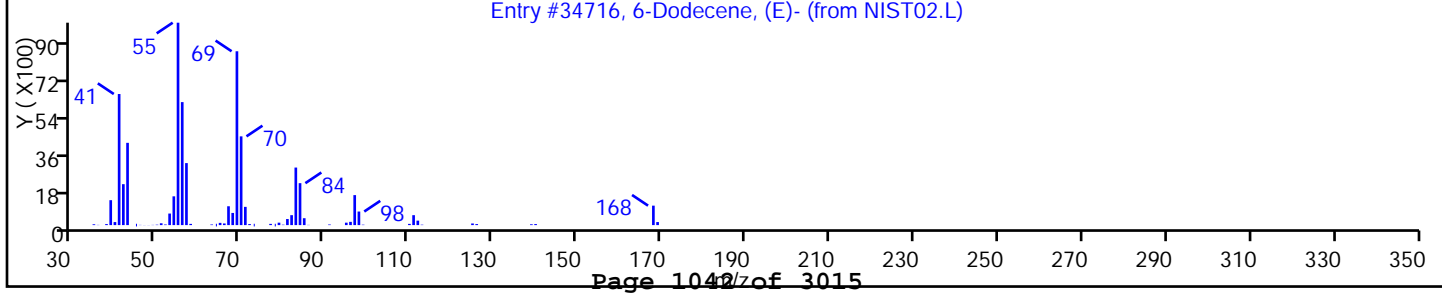
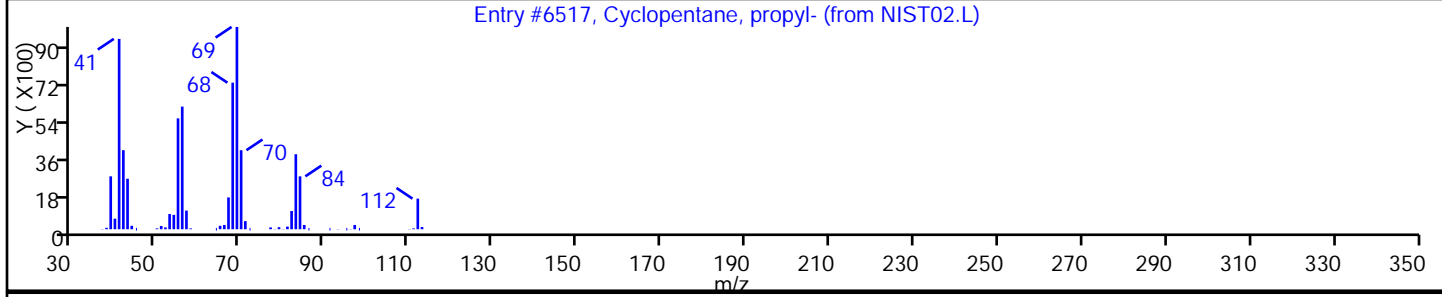
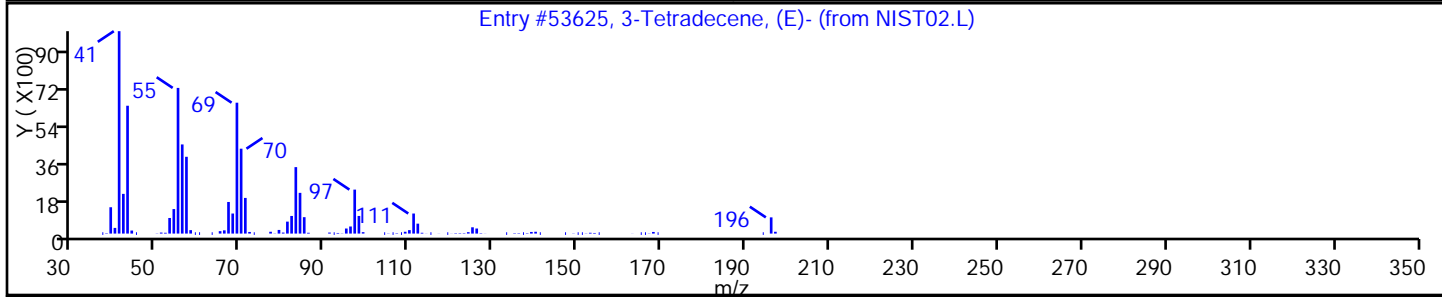
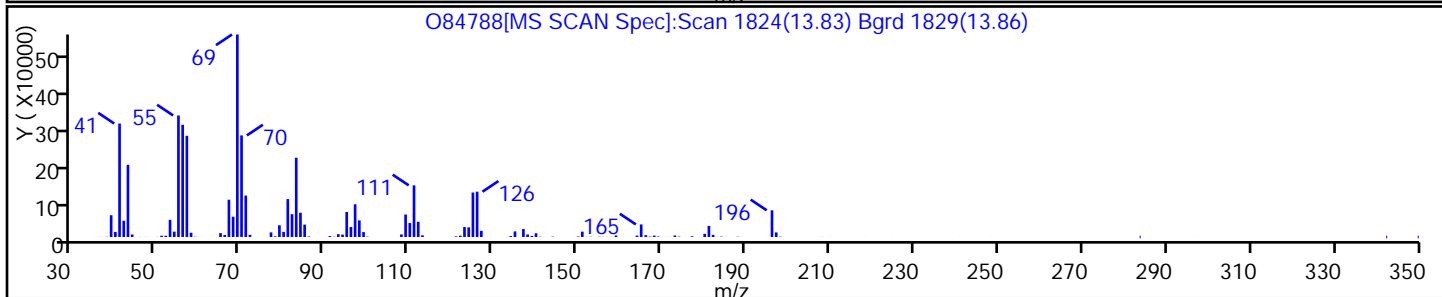
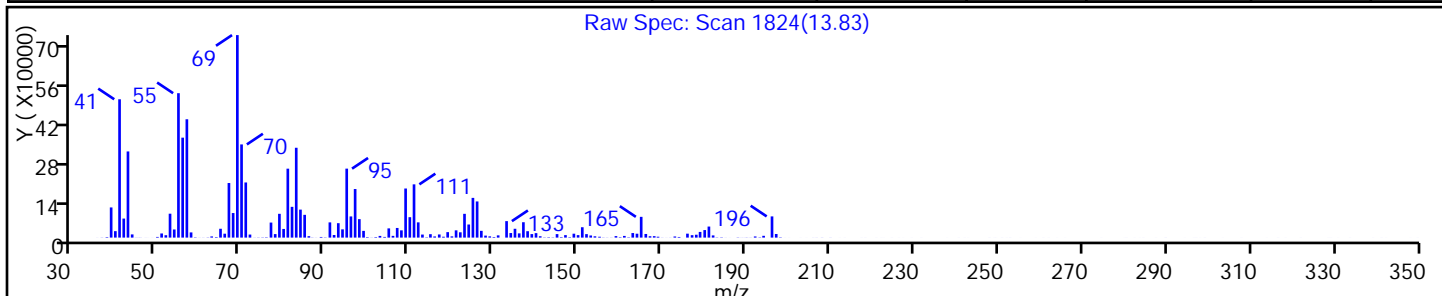
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Tetradecene, (E)-	41446-68-8	NIST02.L	53625	C14H28	196	68
Cyclopentane, propyl-	2040-96-2	NIST02.L	6517	C8H16	112	58
6-Dodecene, (E)-	7206-17-9	NIST02.L	34716	C12H24	168	52



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

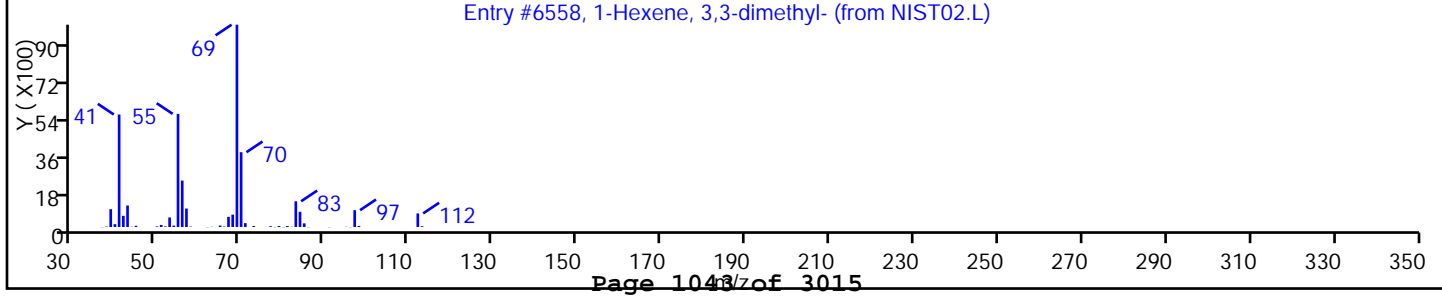
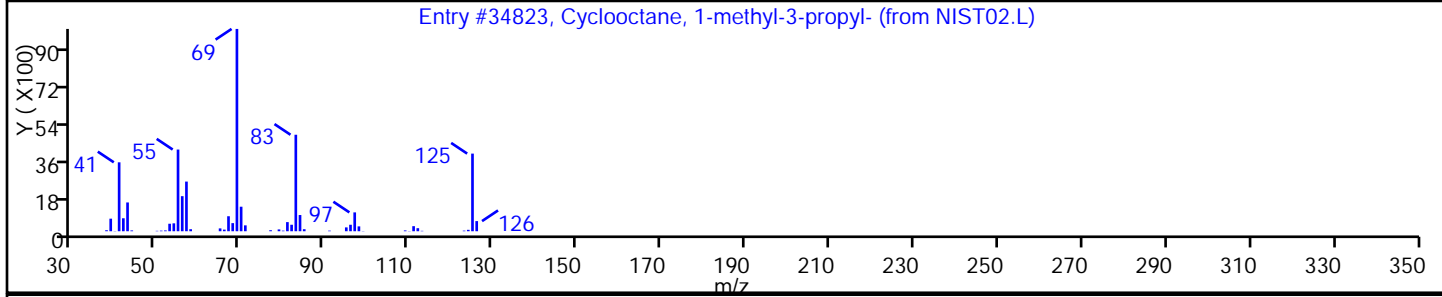
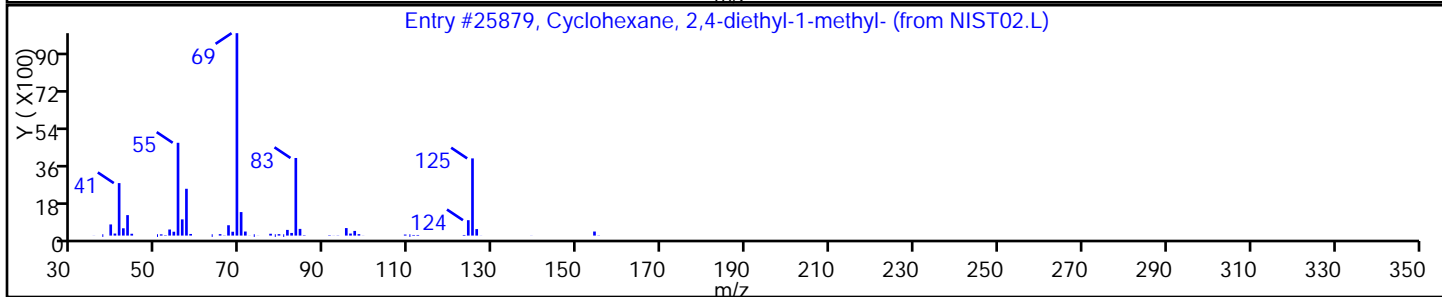
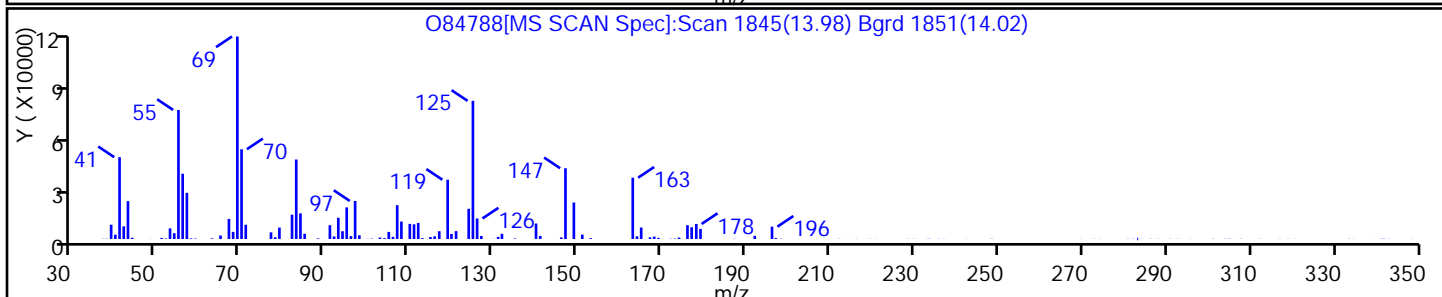
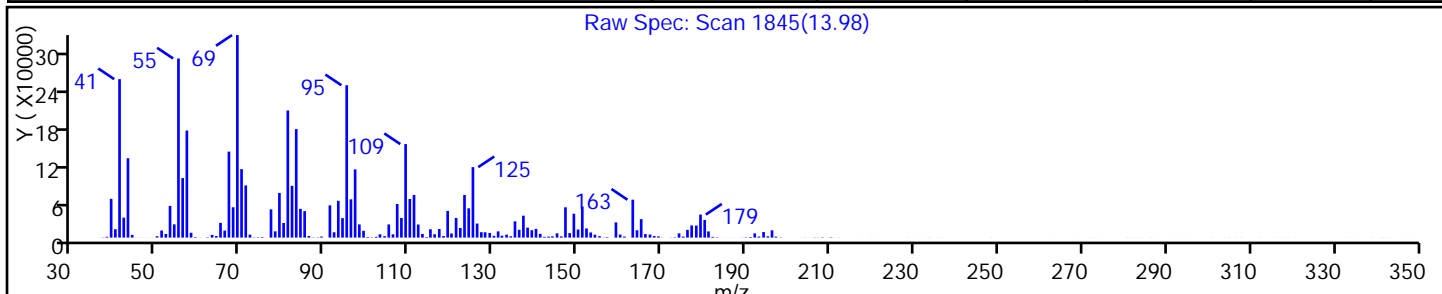
Method: 8260S_12

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	47
Cyclooctane, 1-methyl-3-propyl-	255885-37-1	NIST02.L	34823	C12H24	168	47
1-Hexene, 3,3-dimethyl-	3404-77-1	NIST02.L	6558	C8H16	112	46



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

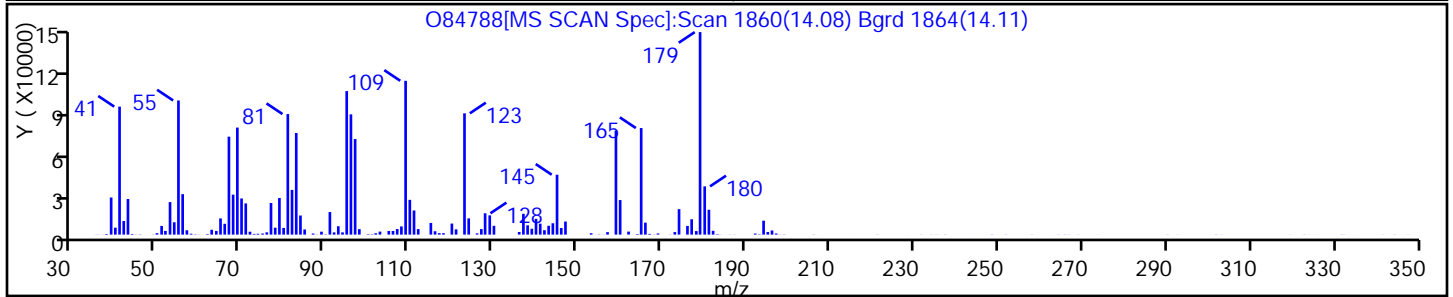
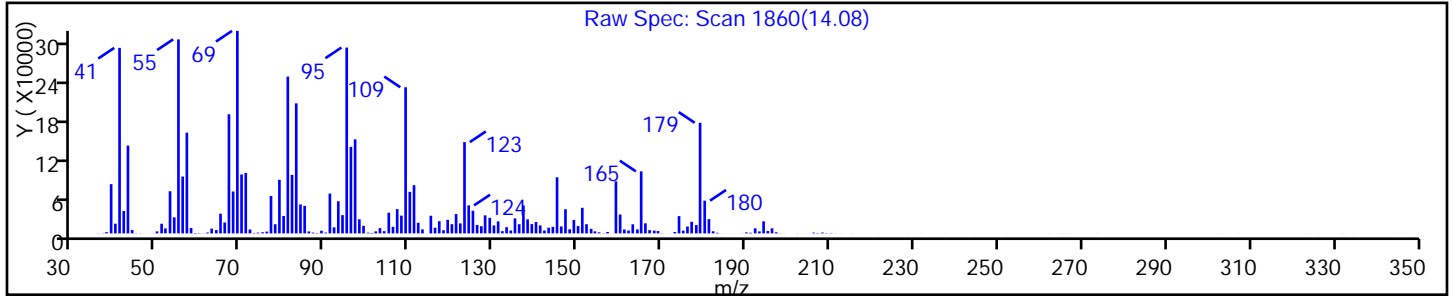
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

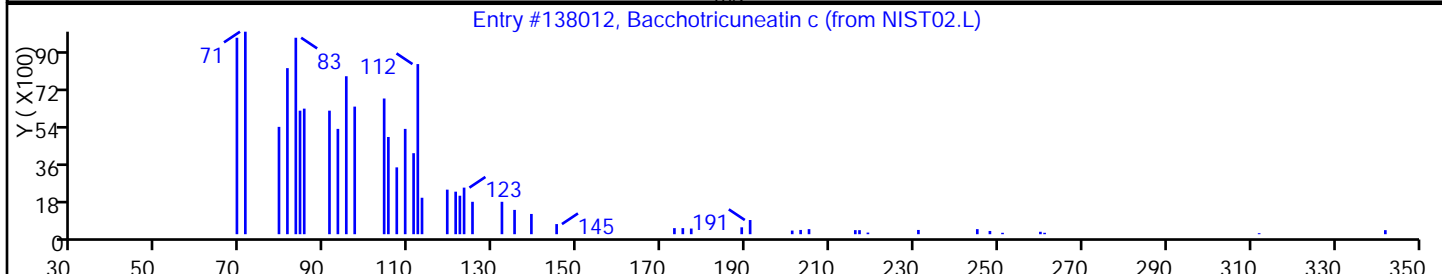
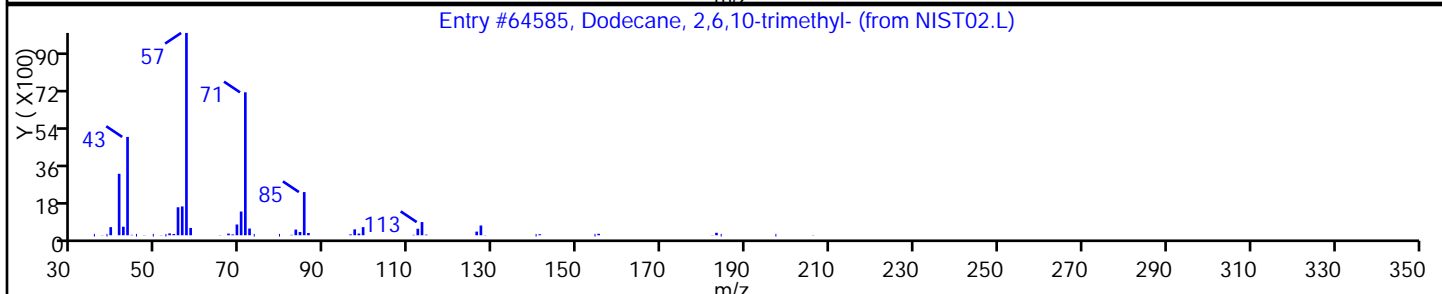
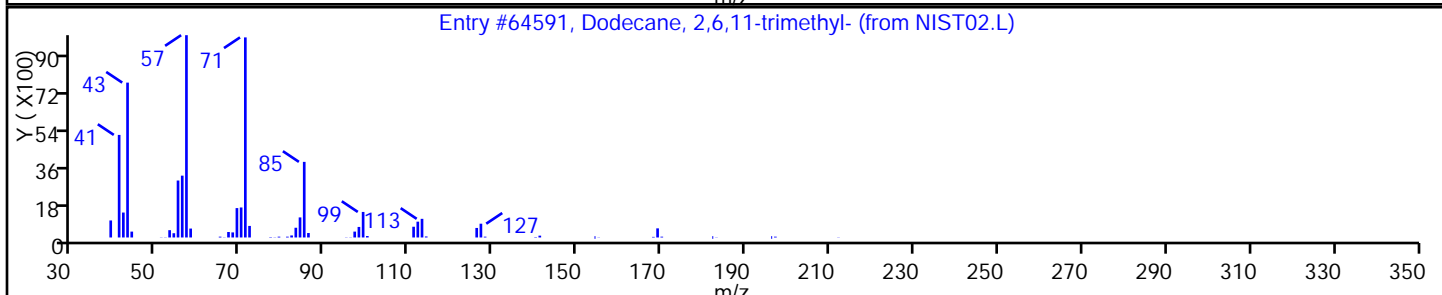
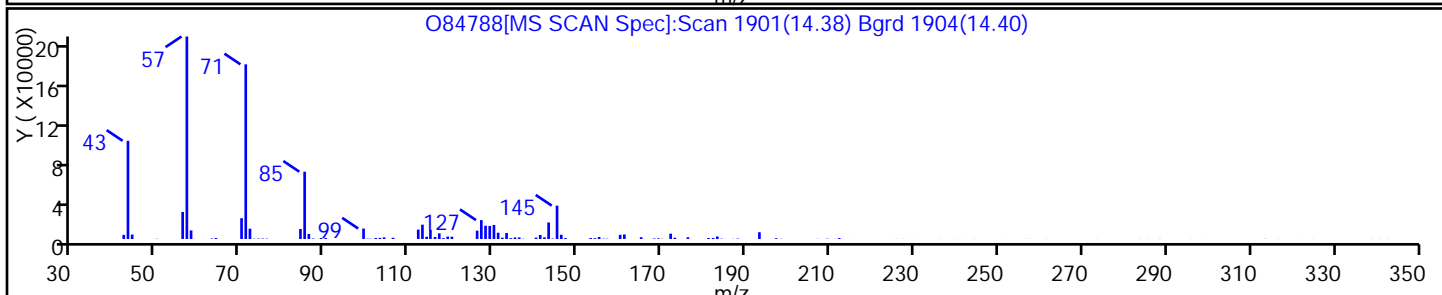
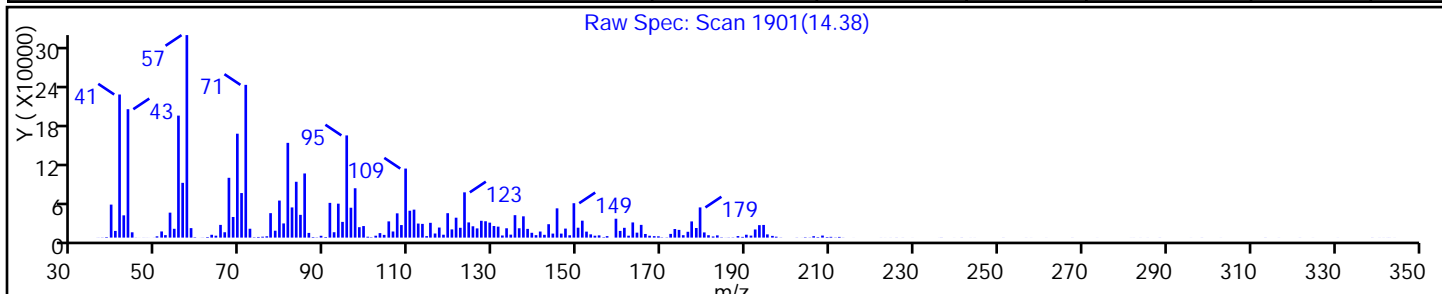
Method: 8260S_12

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	72
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	64
Bacchotricuneatin c	66563-30-2	NIST02.L	138012	C20H22O5	342	53



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

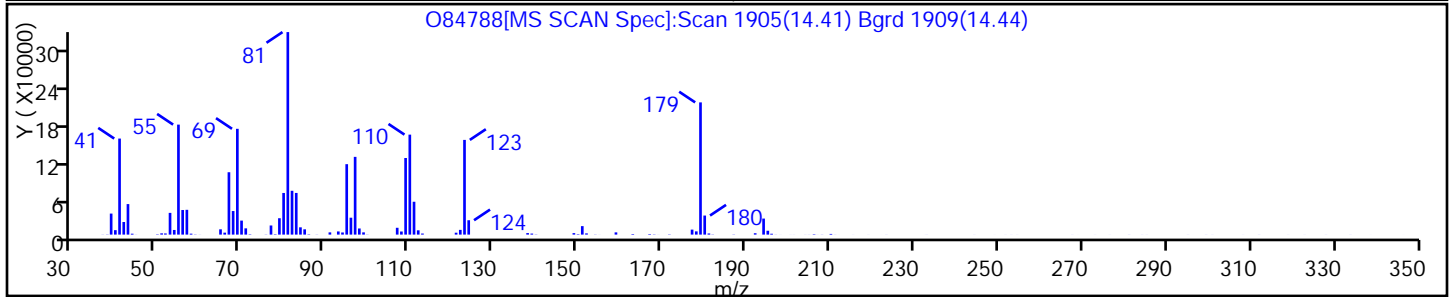
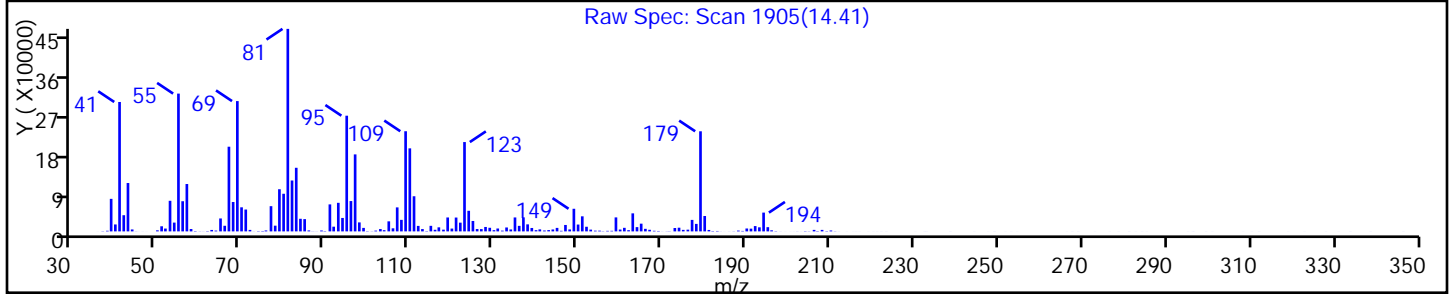
Dil. Factor: 1.0000

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Library Matches Found above the Threshold: 40

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84788.D

Injection Date: 14-Mar-2014 10:51:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID: VOA GC/MS12

ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

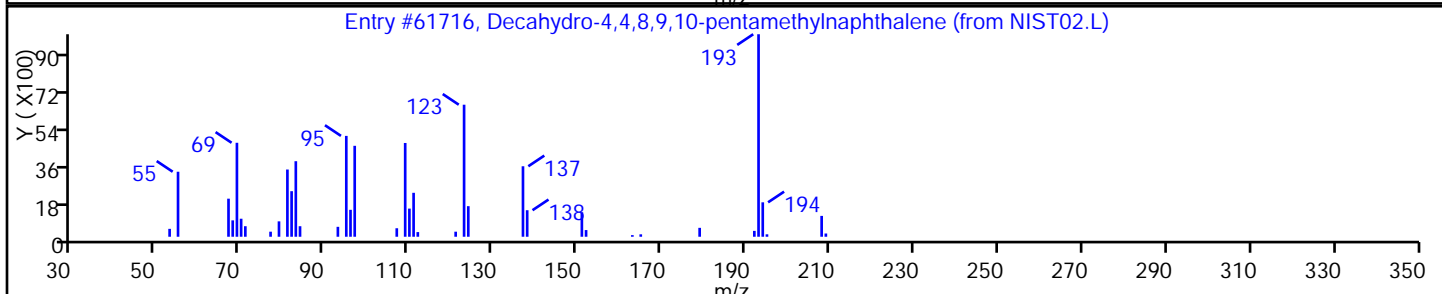
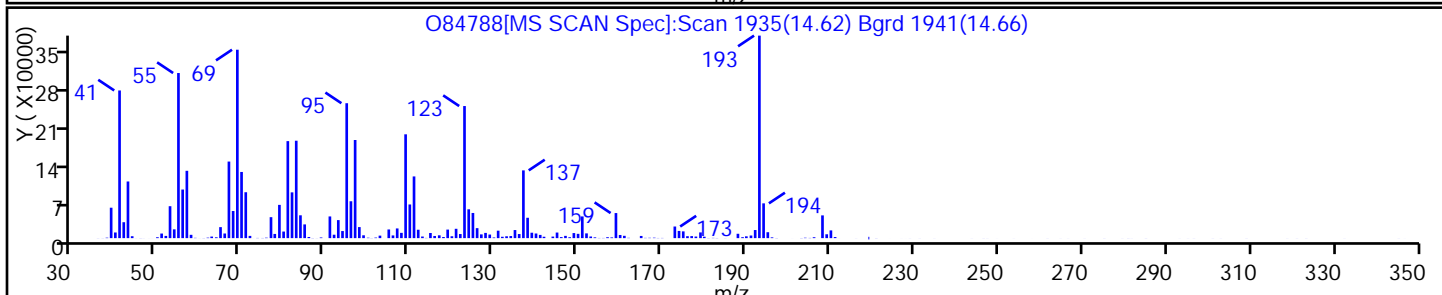
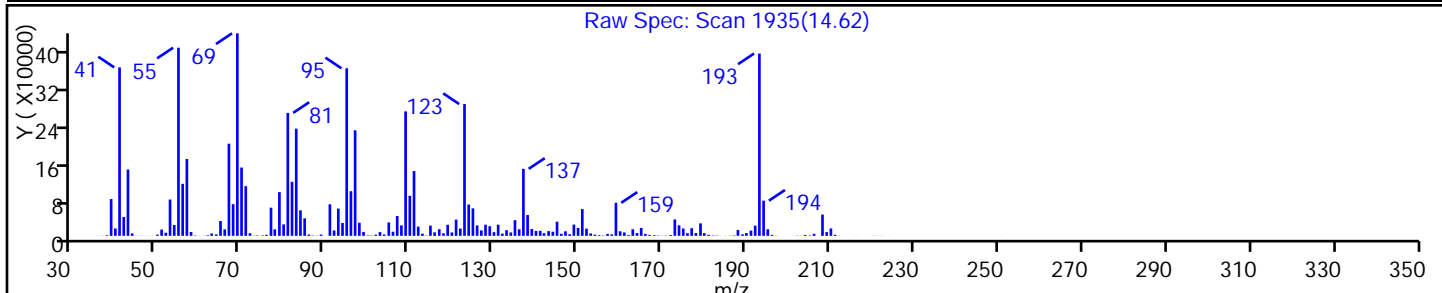
Method: 8260S_12

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	98



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: A00534.D
 Analysis Method: 8260B Date Collected: 03/07/2014 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 13:18
 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.: 212288 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: A00534.D
 Analysis Method: 8260B Date Collected: 03/07/2014 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 13:18
 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.: 212288 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)	100		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	103		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: A00534.D
 Analysis Method: 8260B Date Collected: 03/07/2014 14:00
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 13:18
 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.: 212288 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\20140313-10800.b\A00534.D
 Lims ID: 460-72180-B-27 Lab Sample ID: 460-72180-27
 Client ID: FB_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 13:18:30 ALS Bottle#: 6 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-27
 Misc. Info.: 460-0010800-019
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\8260624W_1.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 13-Mar-2014 13:47:53 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: XAWRK012

First Level Reviewer: delpolitov

Date: 13-Mar-2014 13:47:53

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.600	3.588	0.012	53	325137	1000.0	
\$ 52 Dibromofluoromethane (Surr)	113	4.953	4.947	0.006	56	182740	51.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	5.234	5.227	0.007	47	201827	50.0	
* 62 Fluorobenzene	96	5.447	5.441	0.006	98	649663	50.0	
* 69 1,4-Dioxane-d8	96	6.002	6.020	-0.018	1	26263	1000.0	
\$ 79 Toluene-d8 (Surr)	98	6.813	6.813	0.0	100	667523	49.0	
* 90 Chlorobenzene-d5	117	7.910	7.910	0.0	85	420302	50.0	
\$ 101 4-Bromofluorobenzene	174	8.648	8.648	0.0	91	220349	51.6	
* 117 1,4-Dichlorobenzene-d4	152	9.312	9.306	0.006	96	252829	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\A00534.D

Injection Date: 13-Mar-2014 13:18:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-72180-B-27

Lab Sample ID: 460-72180-27

Worklist Smp#: 19

Client ID: FB_030714

Purge Vol: 5.000 mL

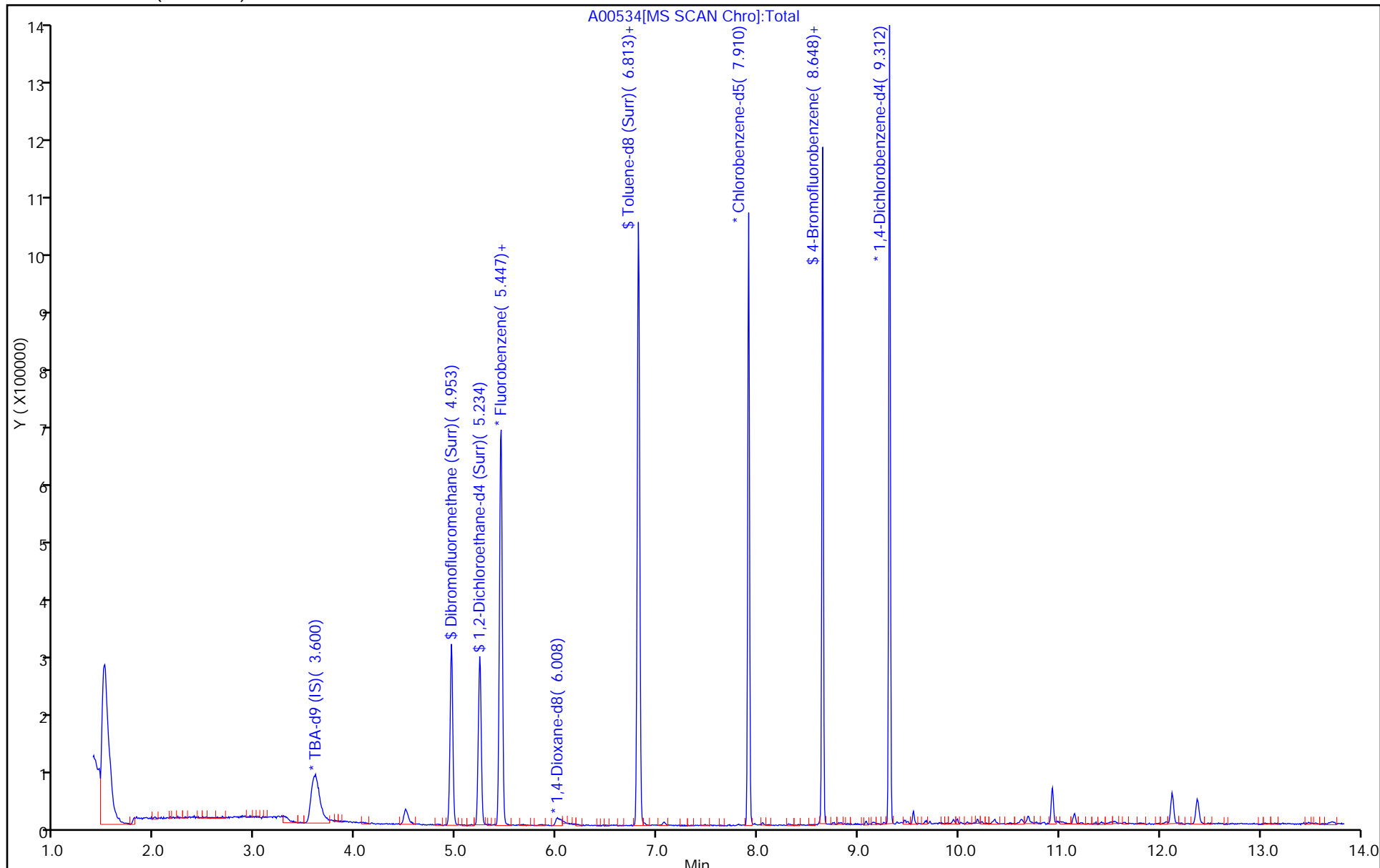
Dil. Factor: 1.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 460-72180-28
 Matrix: Solid Lab File ID: O84756.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 20:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 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	10	B	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 460-72180-28
 Matrix: Solid Lab File ID: O84756.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 20:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 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)	85		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	94		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 460-72180-28
 Matrix: Solid Lab File ID: O84756.D
 Analysis Method: 8260B Date Collected: 03/07/2014 00:00
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 20:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84756.D
 Lims ID: 460-72180-E-28-A Lab Sample ID: 460-72180-28
 Client ID: Trip Blank
 Sample Type: Client
 Inject. Date: 13-Mar-2014 20:19:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72329-B-7-A
 Misc. Info.: 460-0010824-007
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:38:34 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:38:34

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	87	23791	10.4	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	96	575512	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	182337	44.3	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	85	181462	42.3	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	1019048	50.0	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	90	54786	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	853992	43.7	
* 87 Chlorobenzene-d5	117	7.121	7.121	0.0	86	744494	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	85	245771	46.8	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	357611	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84756.D

Injection Date: 13-Mar-2014 20:19:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-E-28-A

Lab Sample ID: 460-72180-28

Worklist Smp#: 7

Client ID: Trip Blank

Purge Vol: 5.000 mL

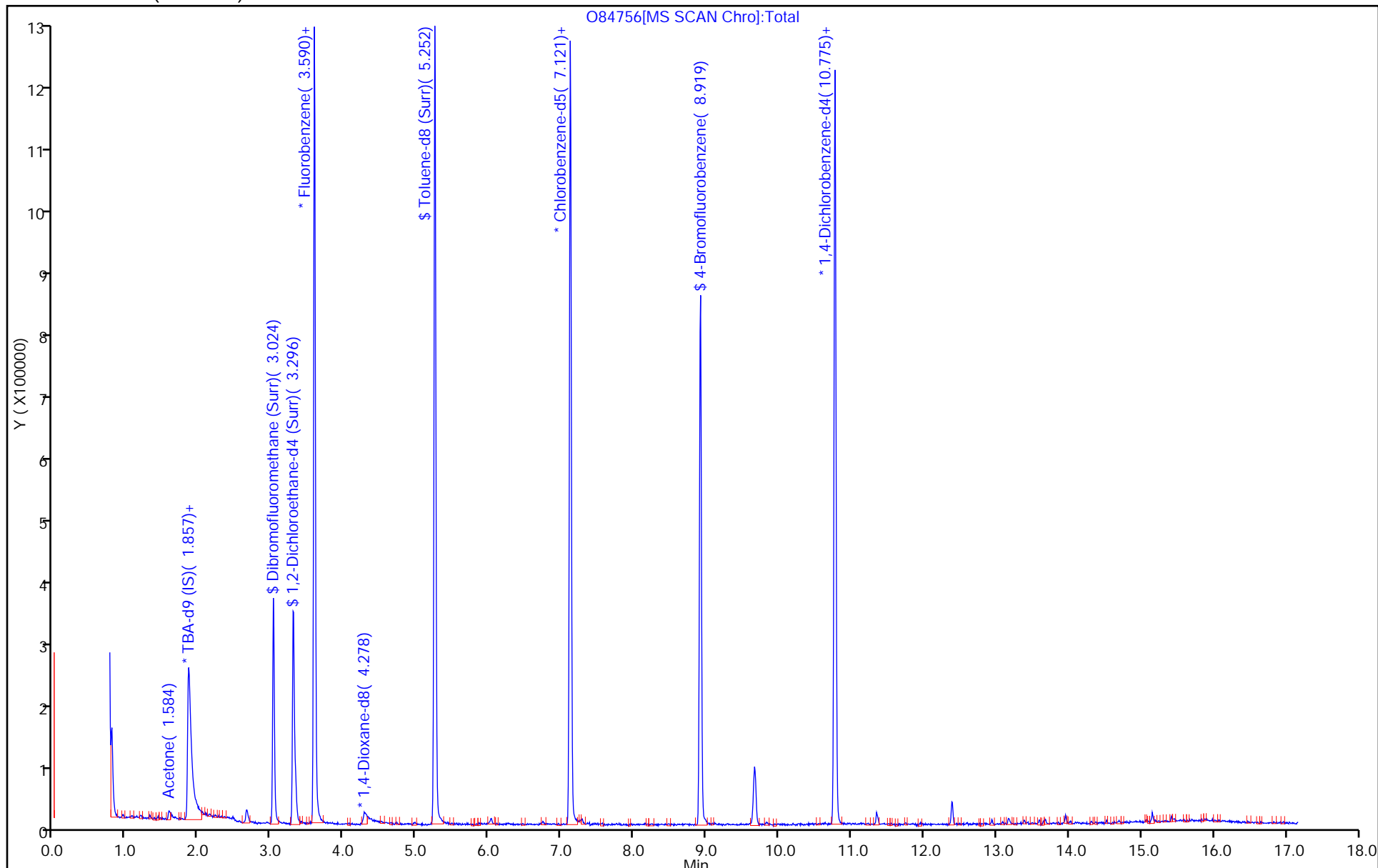
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

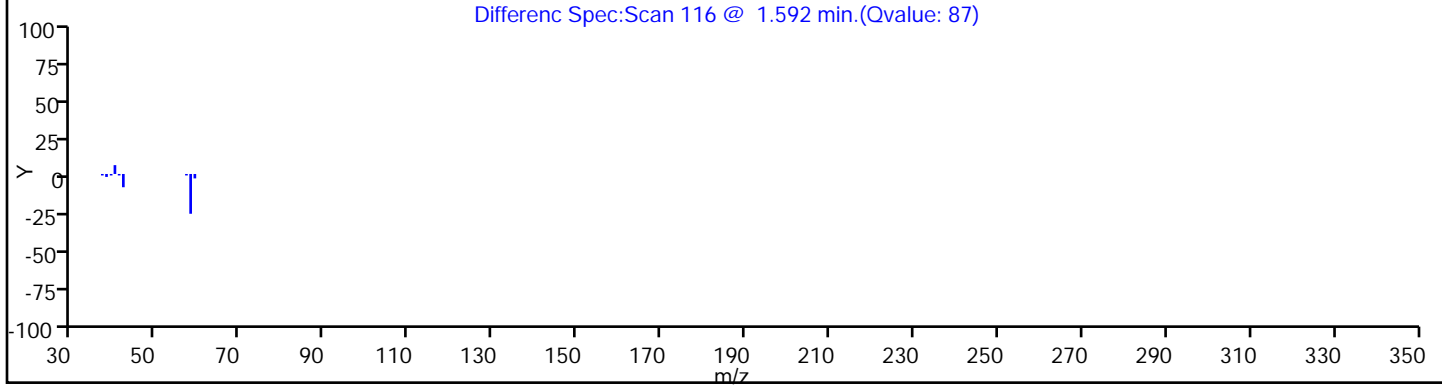
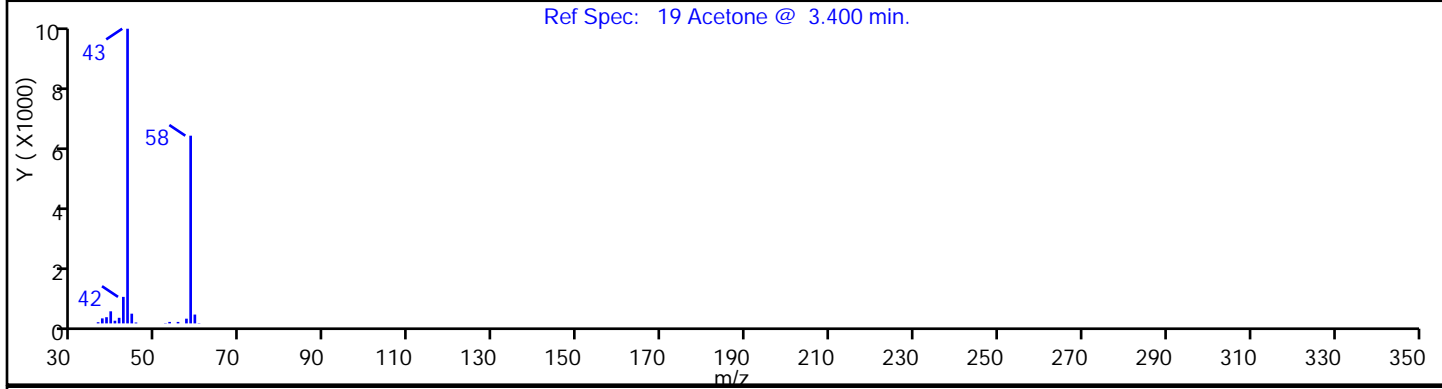
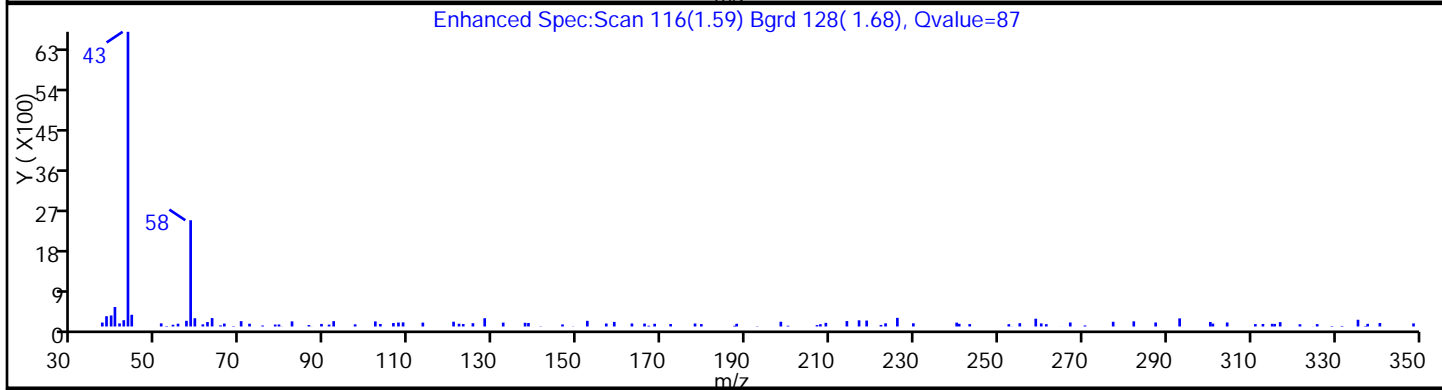
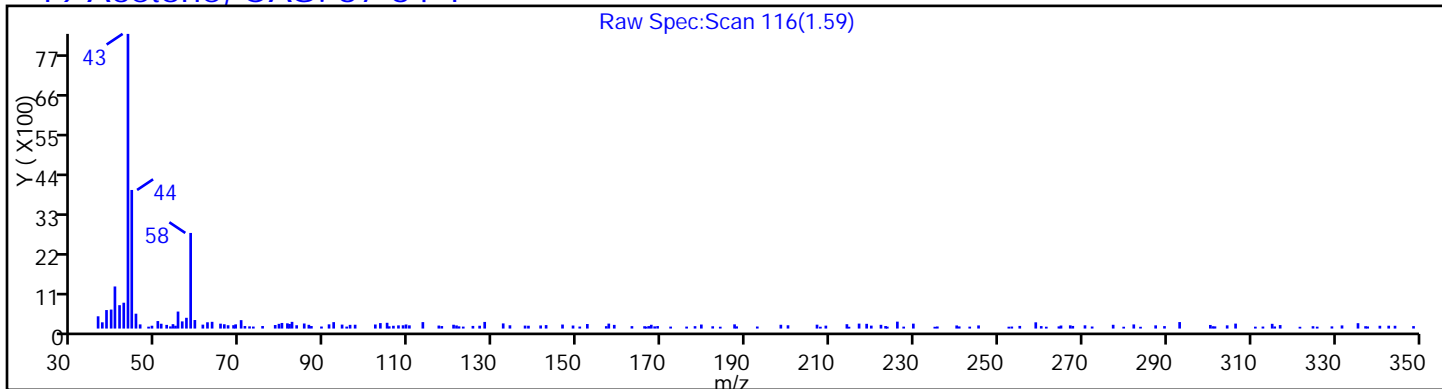
Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84756.D
Injection Date: 13-Mar-2014 20:19:30 Instrument ID: CVOAMS12
Lims ID: 460-72180-E-28-A Lab Sample ID: 460-72180-28
Client ID: Trip Blank
Operator ID: VOA GC/MS12 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
Column: DB-624 (0.18 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: O84784.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:50
 Sample wt/vol: 6(g) Date Analyzed: 03/14/2014 09:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.6 Level: (low/med) Low
 Analysis Batch No.: 212542 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	0.73	J	0.96	0.14
67-64-1	Acetone	16	B	4.8	1.6
75-15-0	Carbon disulfide	1.1		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	0.13	U	0.96	0.13
156-59-2	cis-1,2-Dichloroethene	0.11	U	0.96	0.11
67-66-3	Chloroform	0.76	J	0.96	0.23
78-93-3	2-Butanone	2.3	J	4.8	0.61
107-06-2	1,2-Dichloroethane	0.17	U	0.96	0.17
71-55-6	1,1,1-Trichloroethane	0.13	U	0.96	0.13
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	0.16	U	0.96	0.16
108-90-7	Chlorobenzene	0.17	U	0.96	0.17
110-82-7	Cyclohexane	0.13	U	0.96	0.13
98-82-8	Isopropylbenzene	0.11	U	0.96	0.11
591-78-6	2-Hexanone	0.13	U	4.8	0.13
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	0.16	J	0.96	0.12
108-88-3	Toluene	0.16	J	0.96	0.14
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	0.14	U	0.96	0.14
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: O84784.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:50
 Sample wt/vol: 6(g) Date Analyzed: 03/14/2014 09:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.6 Level: (low/med) Low
 Analysis Batch No.: 212542 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	3.1		0.96	0.18
87-61-6	1,2,3-Trichlorobenzene	0.15	U	0.96	0.15
78-87-5	1,2-Dichloropropane	0.14	U	0.96	0.14
108-87-2	Methylcyclohexane	0.16	J	0.96	0.096
127-18-4	Tetrachloroethene	0.33	J	0.96	0.12
1330-20-7	Xylenes, Total	0.65	U	1.9	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.96	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.087	U	0.96	0.087
79-00-5	1,1,2-Trichloroethane	0.14	U	0.96	0.14
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)	95		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
460-00-4	Bromofluorobenzene	101		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: O84784.D
 Analysis Method: 8260B Date Collected: 03/07/2014 11:50
 Sample wt/vol: 6(g) Date Analyzed: 03/14/2014 09:12
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: 13.6 Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg
 Number TICs Found: 10 TIC Result Total: 356

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1000152-47-3	trans-Decalin, 2-methyl-	12.14	28	J N
66633-38-3	Cyclodecene, 1-methyl-	12.98	34	J N
66660-43-3	trans, cis-3-Ethylbicyclo[4.4.0]decane	13.42	27	J N
2051-30-1	Octane, 2,6-dimethyl-	13.60	54	J N
2456-28-2	Decane, 1,1'-oxybis-	13.81	32	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	14.38	50	J N
629-59-4	Tetradecane	14.52	37	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	14.62	31	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	14.92	35	J N
544-76-3	Hexadecane	15.14	28	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D
 Lims ID: 460-72180-B-29-A Lab Sample ID: 460-72180-29
 Client ID: PMP-27SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 09:12:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-29-A
 Misc. Info.: 460-0010850-012
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:55:30 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:55:30

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.584	1.585	-0.001	81	26332	17.0	
21 Carbon disulfide	76	1.663	1.656	0.007	99	15060	1.12	
25 Methylene Chloride	84	1.821	1.814	0.007	81	3479	0.7612	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	91	390073	1000.0	
43 2-Butanone (MEK)	72	2.673	2.673	0.0	23	1270	2.43	
47 Chloroform	83	2.902	2.895	0.007	89	5848	0.7867	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	96	144981	49.1	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	85	146528	47.7	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	731039	50.0	
61 Trichloroethene	95	3.927	3.934	-0.007	72	757	0.1609	
63 Methylcyclohexane	83	4.099	4.099	0.0	77	1506	0.1641	
* 150 1,4-Dioxane-d8	96	4.271	4.271	0.0	87	37328	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	100	670477	48.1	
77 Toluene	91	5.331	5.331	0.0	72	3439	0.1663	
80 Tetrachloroethene	166	5.990	5.990	0.0	60	1453	0.3418	
* 87 Chlorobenzene-d5	117	7.121	7.122	-0.001	86	532024	50.0	
92 o-Xylene	106	8.117	8.117	0.0	77	2943	0.3441	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	84	190269	50.7	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	96	258119	50.0	
124 1,2,4-Trichlorobenzene	180	13.181	13.182	-0.001	75	20013	3.26	
S 131 Xylenes, Total	100				0		0.3441	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D
 Lims ID: 460-72180-B-29-A Lab Sample ID: 460-72180-29
 Client ID: PMP-27SW-SI
 Sample Type: Client
 Inject. Date: 14-Mar-2014 09:12:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-72180-B-29-A
 Misc. Info.: 460-0010850-012
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:55:30 Calib Date: 12-Mar-2014 05:56:30
 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 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008
 First Level Reviewer: delpolitov Date: 14-Mar-2014 09:55:30

Tentative Identified Compound Results

RT	Response	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
12.143	992931	28.8	116	96	24310	C11H20	152	
12.981	1207095	35.0	116	86	24301	C11H20	152	
13.418	957177	27.8	116	58	33338	C12H22	166	
13.597	1943144	56.4	116	86	18443	C10H22	142	
13.812	1149369	33.3	116	83	116748	C20H42O	298	
14.378	1778154	51.6	116	93	64588	C15H32	212	
14.521	1332229	38.7	116	90	55008	C14H30	198	
14.621	1123814	32.6	116	93	61716	C15H28	208	
14.922	1262486	36.6	116	86	115581	C21H44	296	
15.137	1010646	29.3	116	86	73965	C16H34	226	

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Quantitation Compounds

Compound	RT	Response	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.775	1723203	50.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Worklist Smp#: 12

Client ID: PMP-27SW-SI

Purge Vol: 5.000 mL

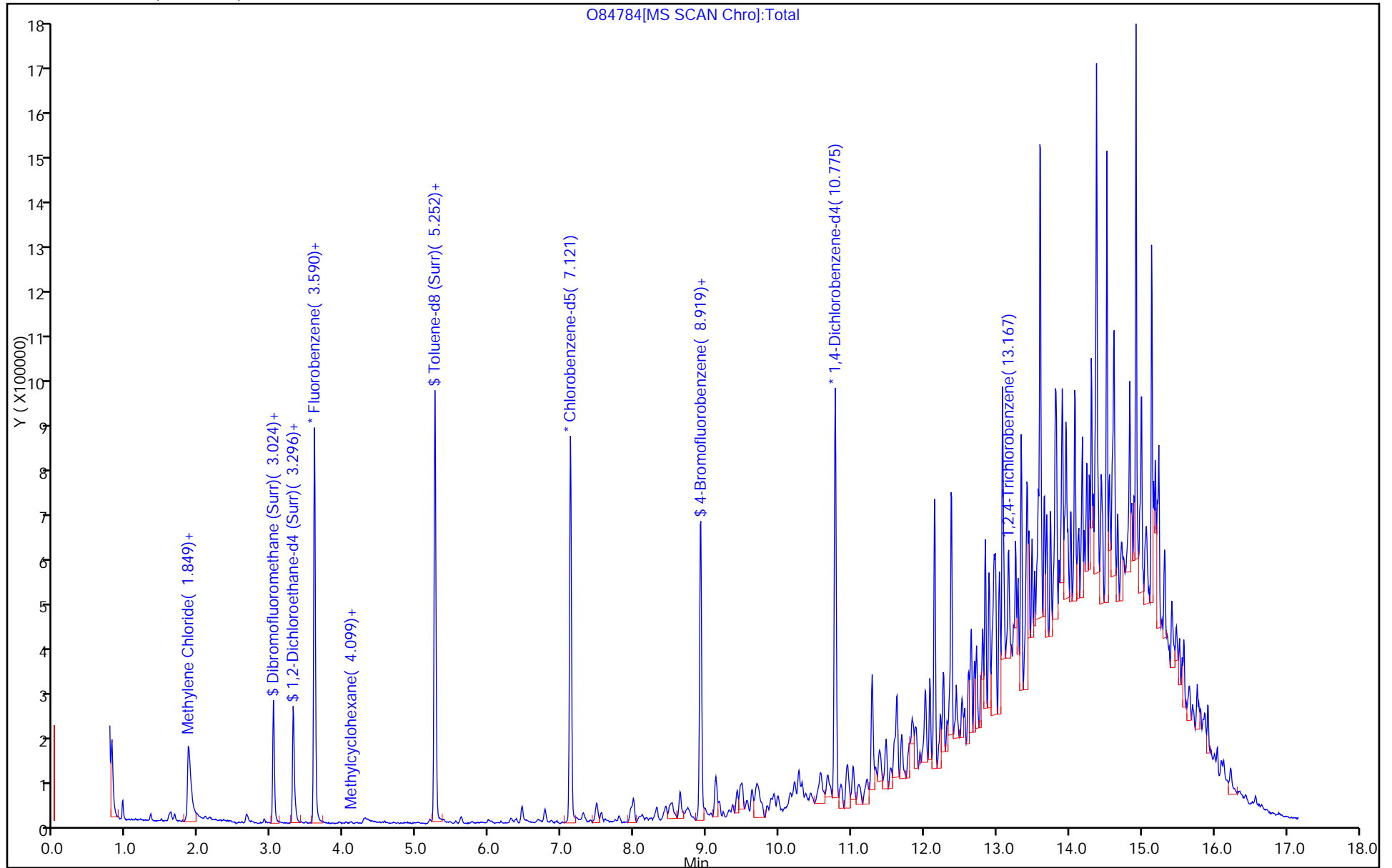
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

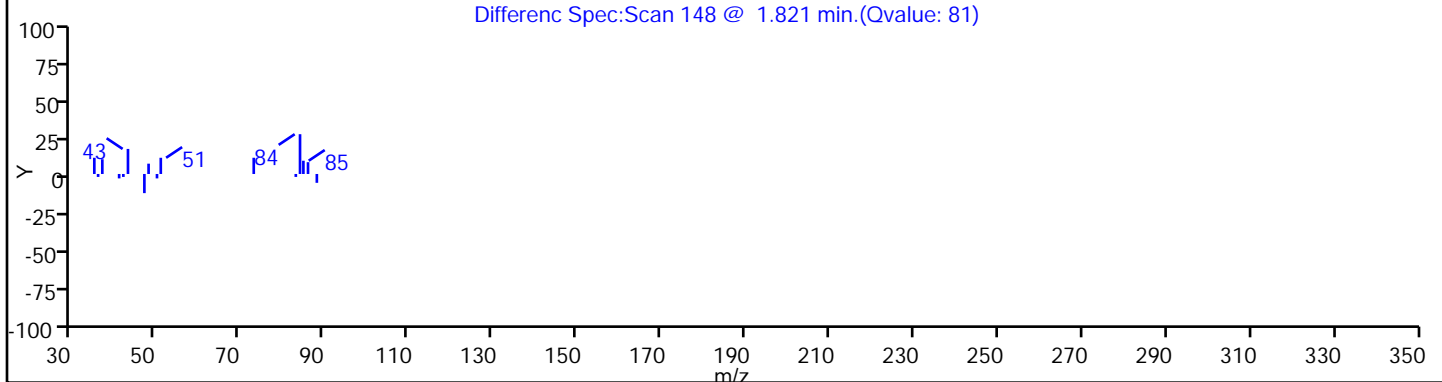
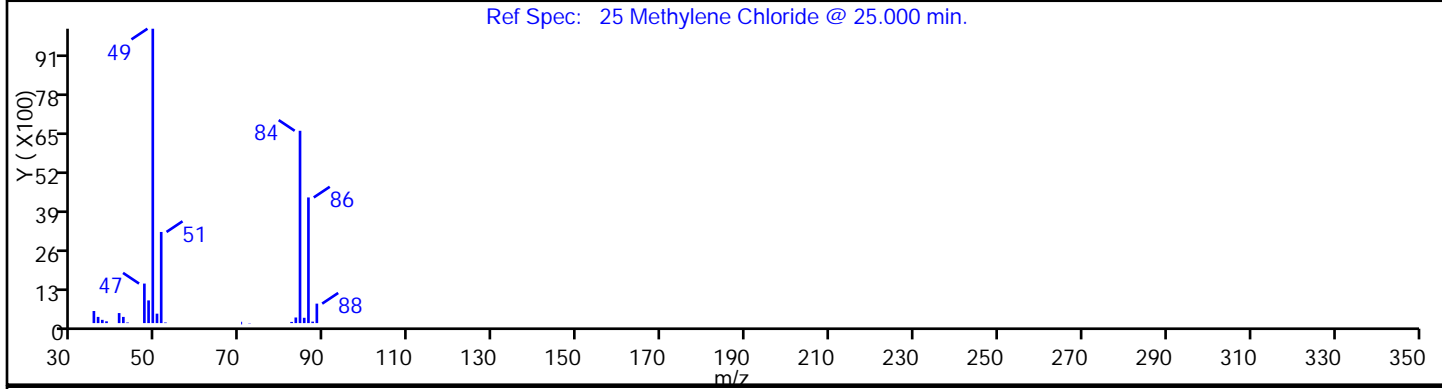
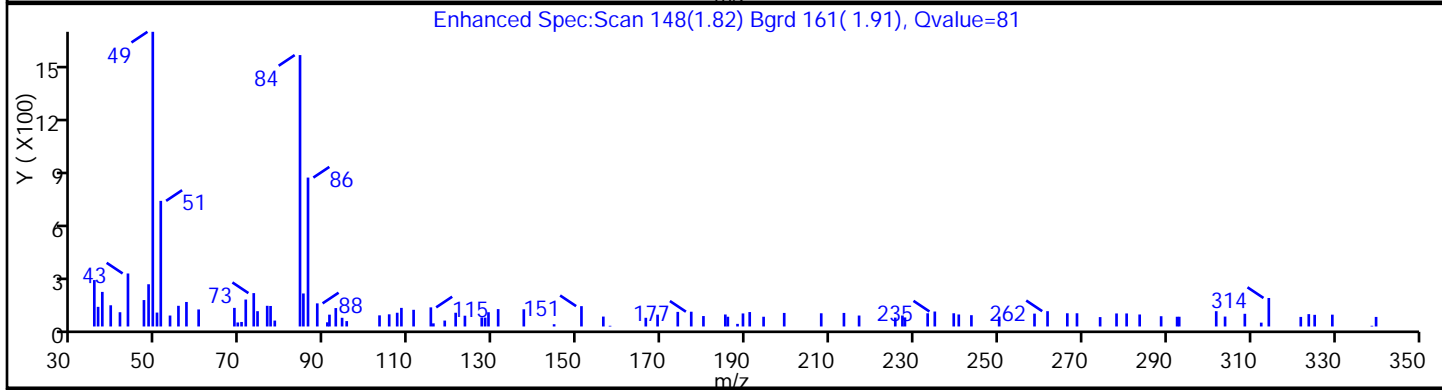
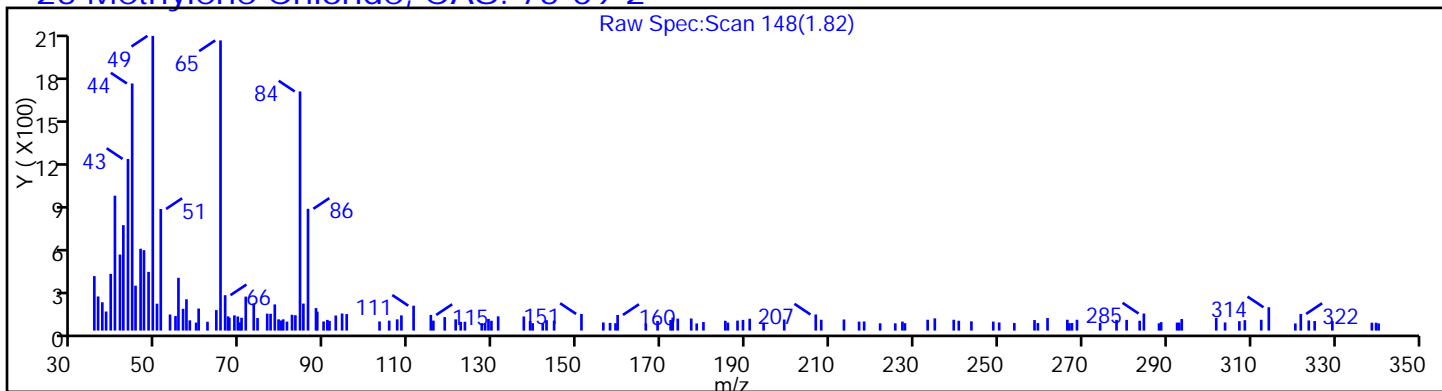
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

25 Methylene Chloride, CAS: 75-09-2



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

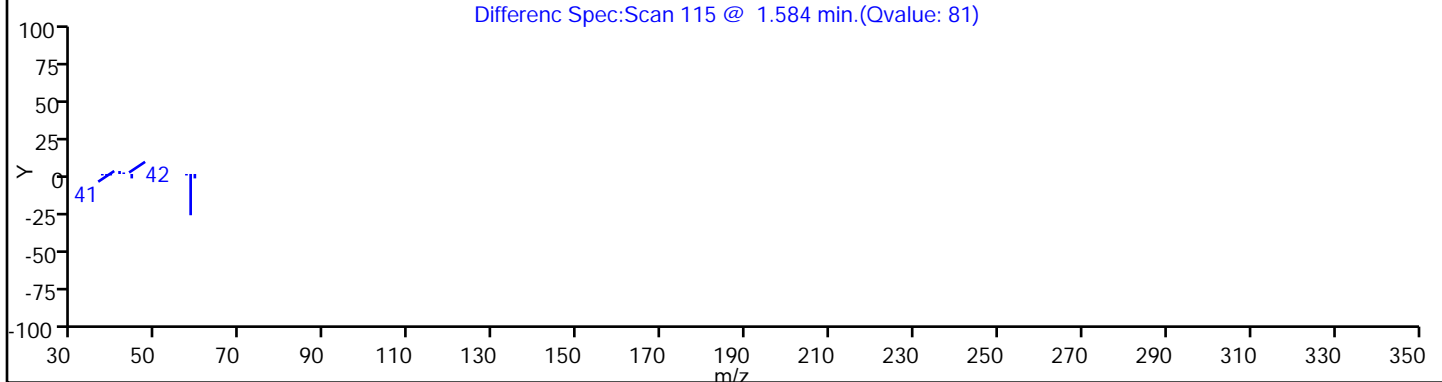
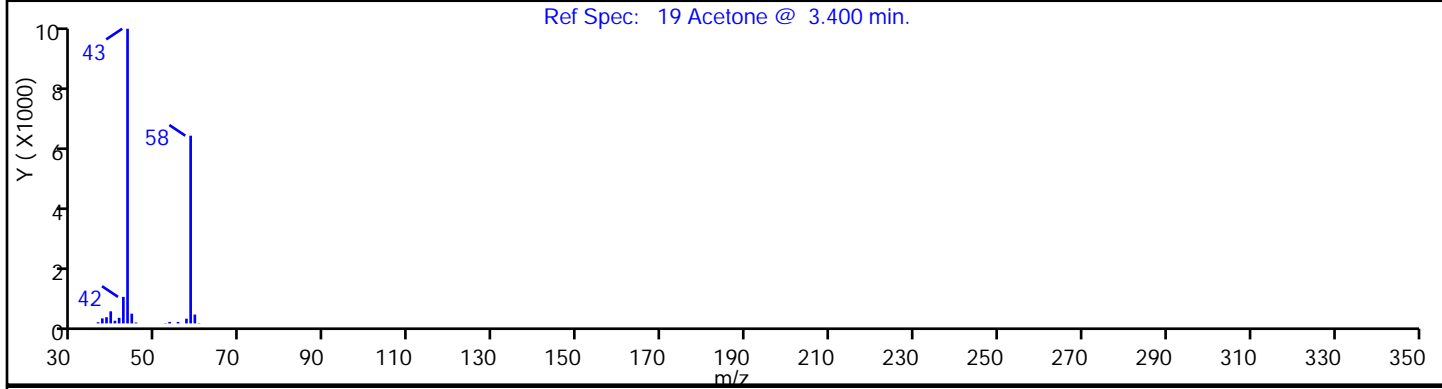
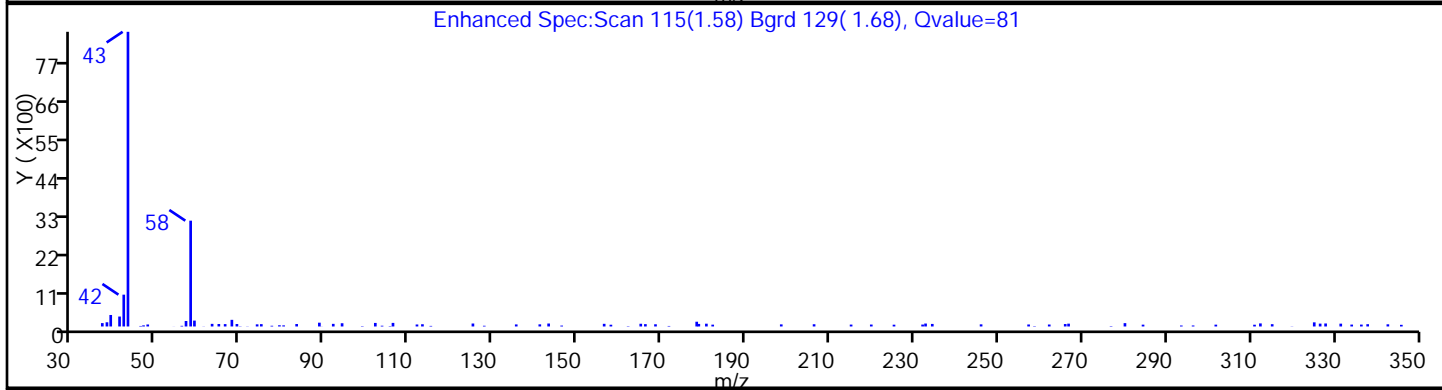
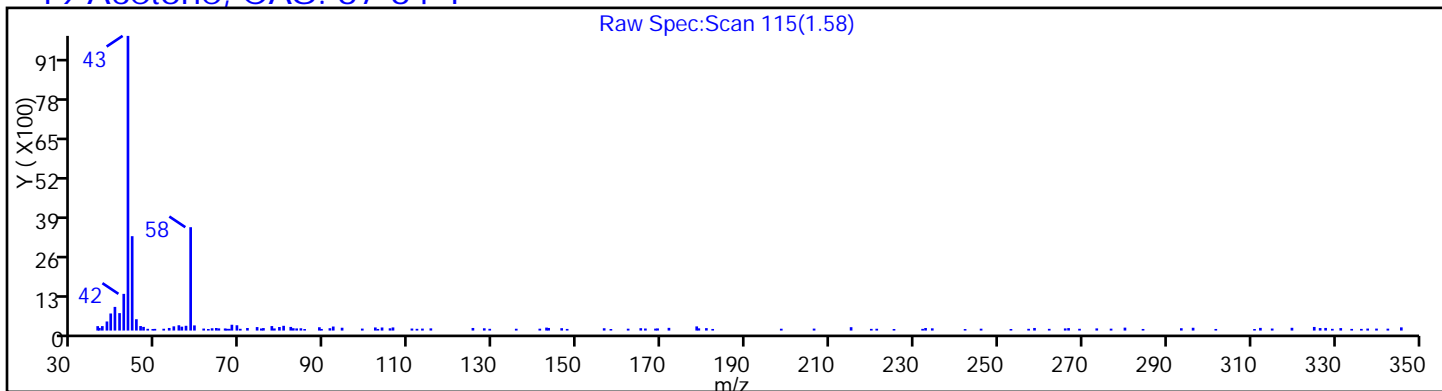
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

19 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

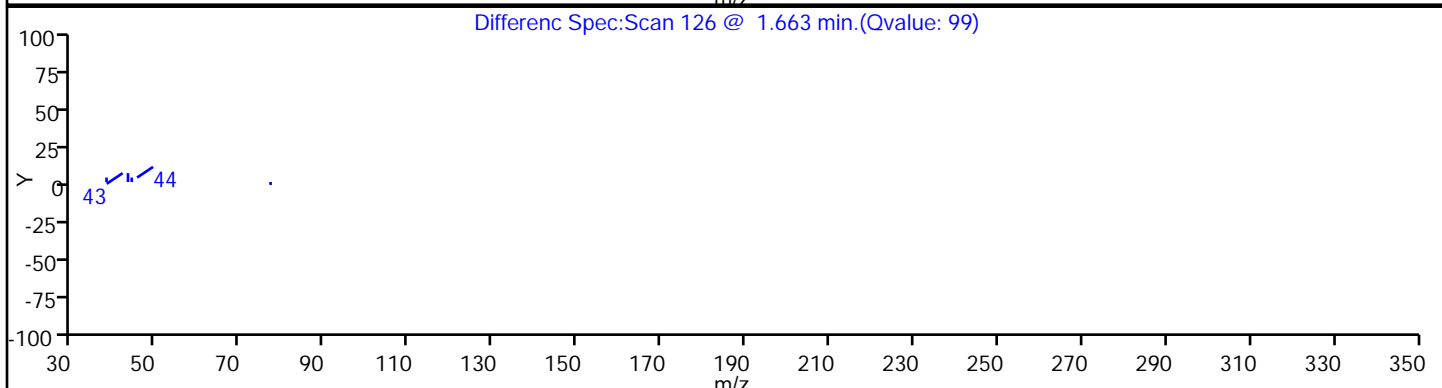
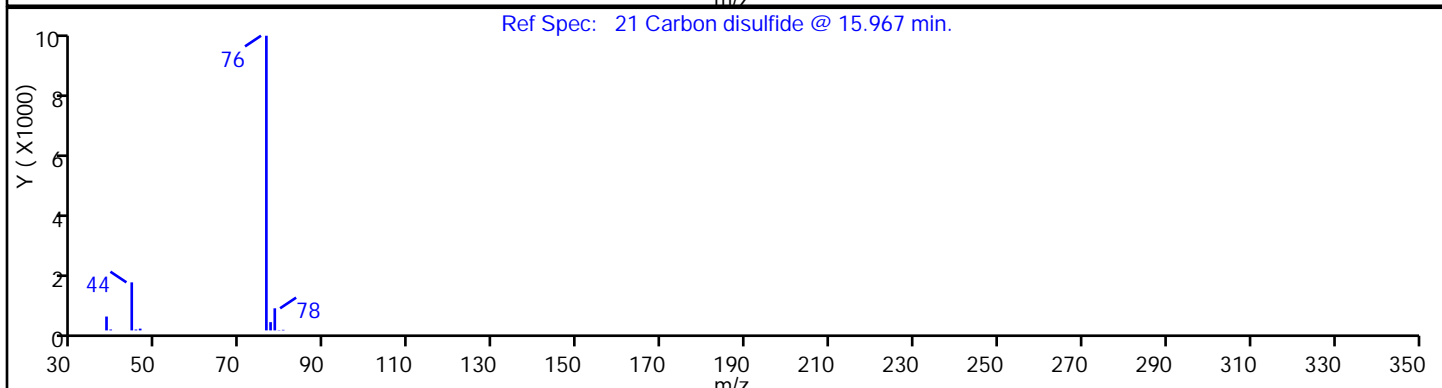
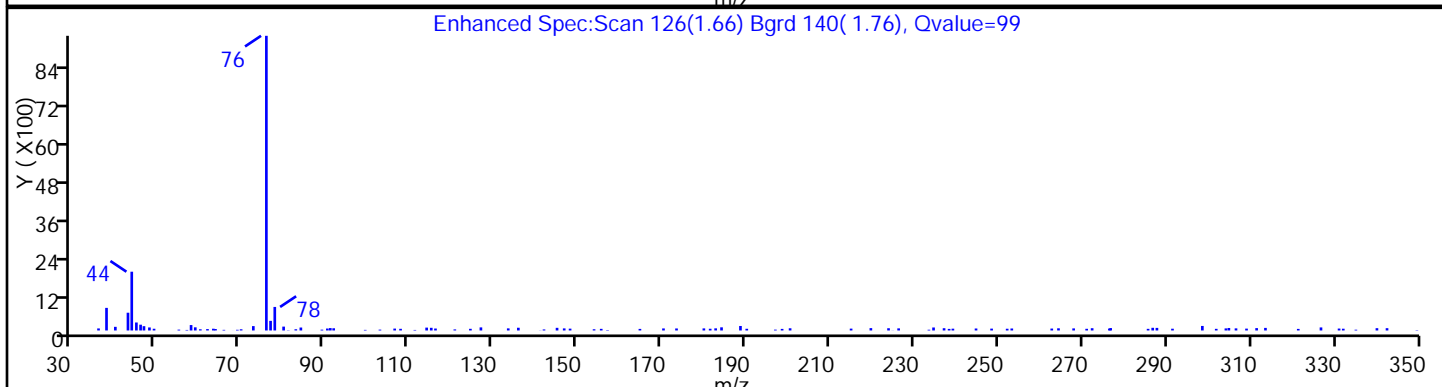
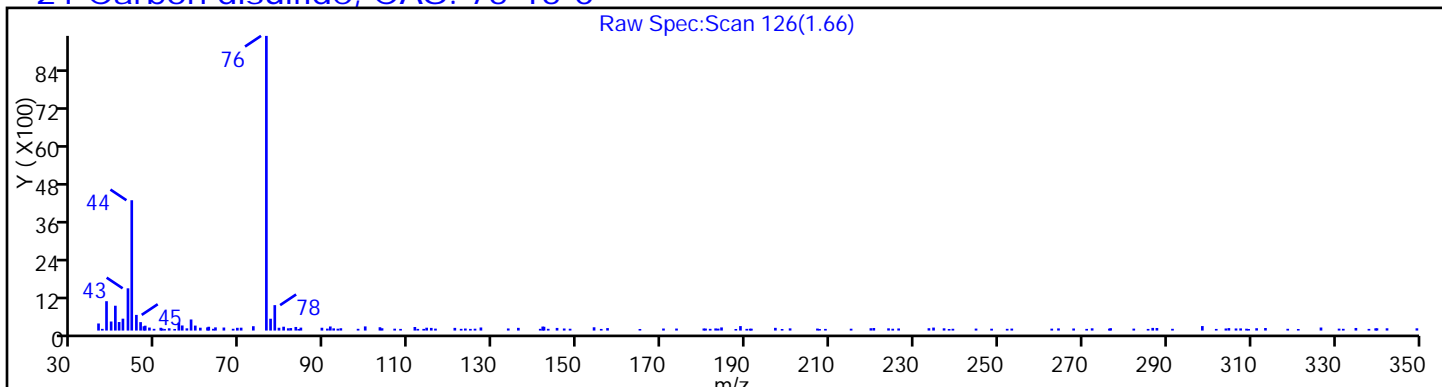
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

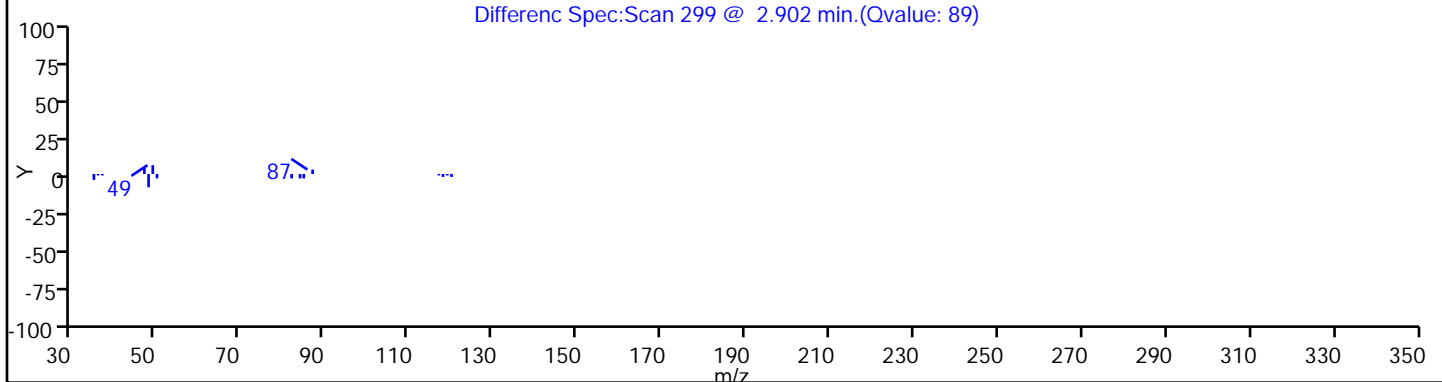
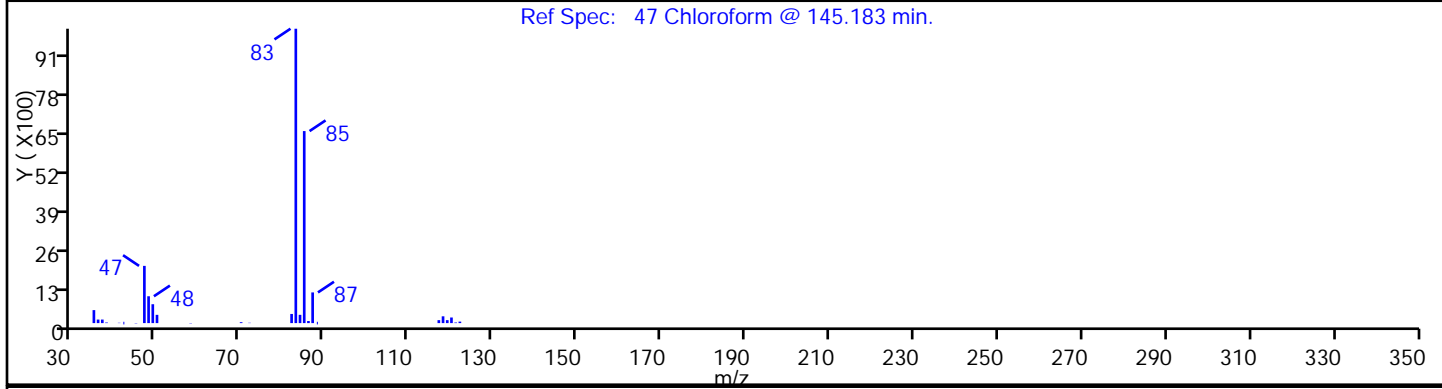
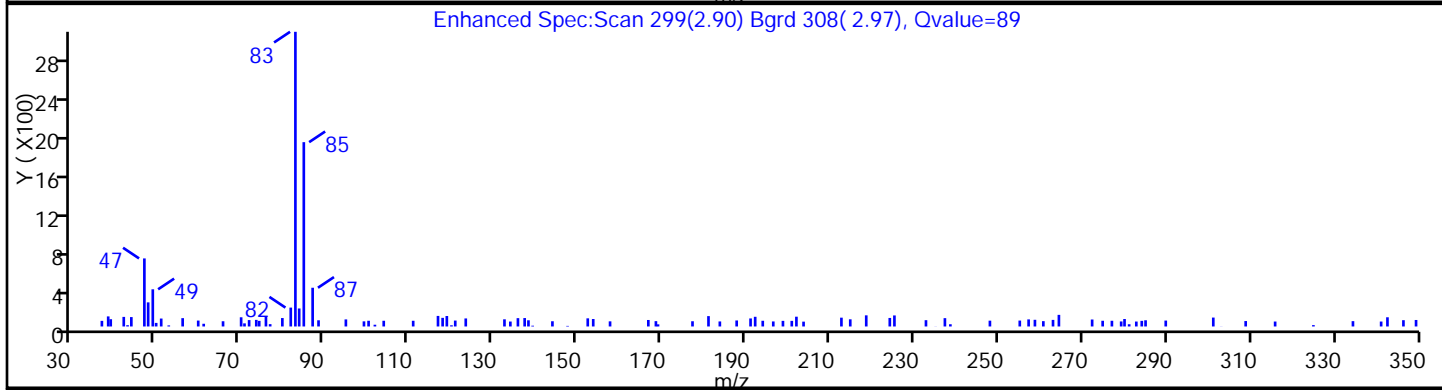
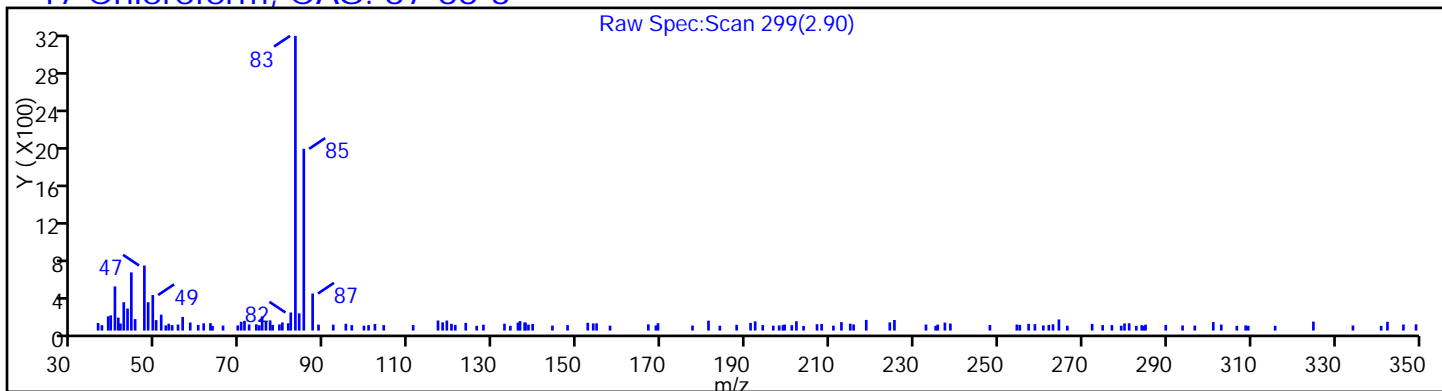
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

47 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

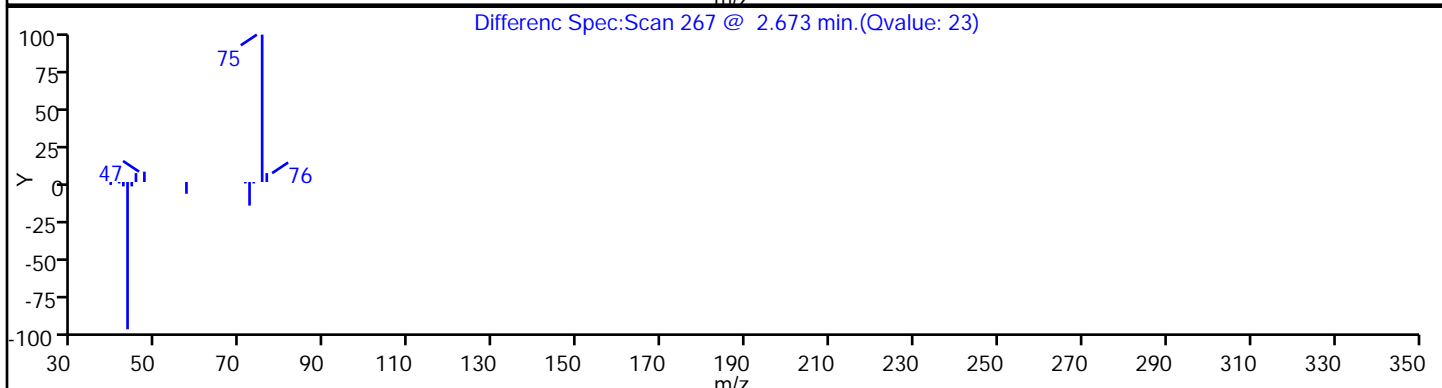
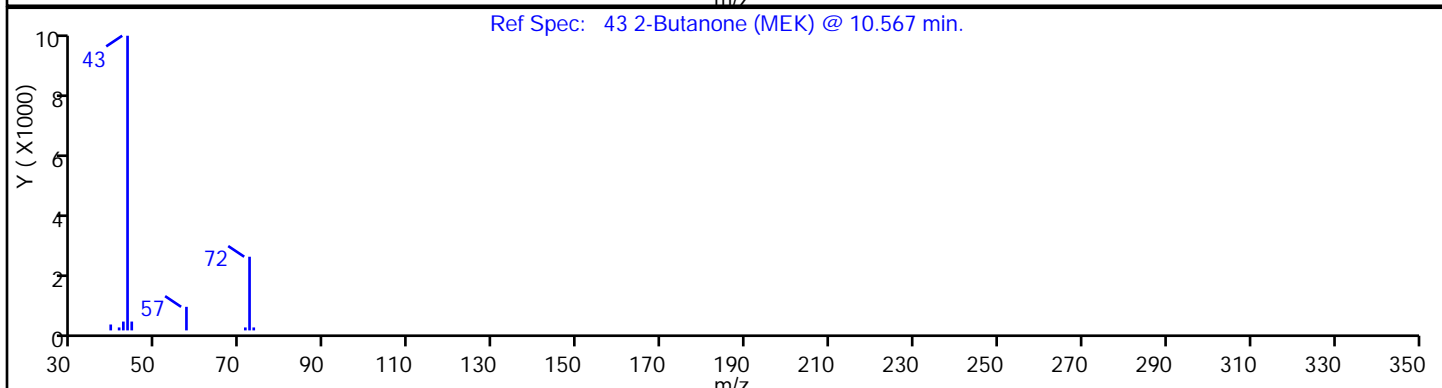
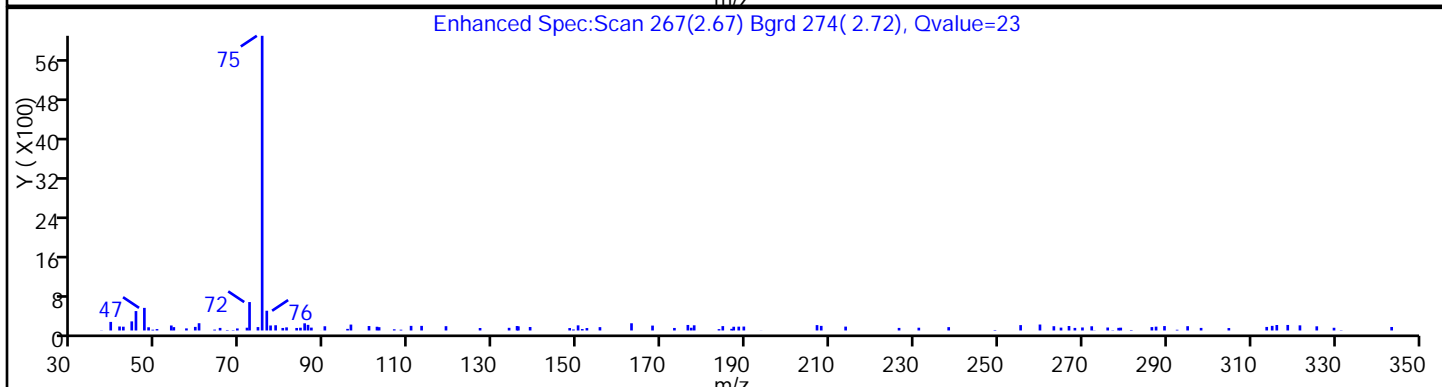
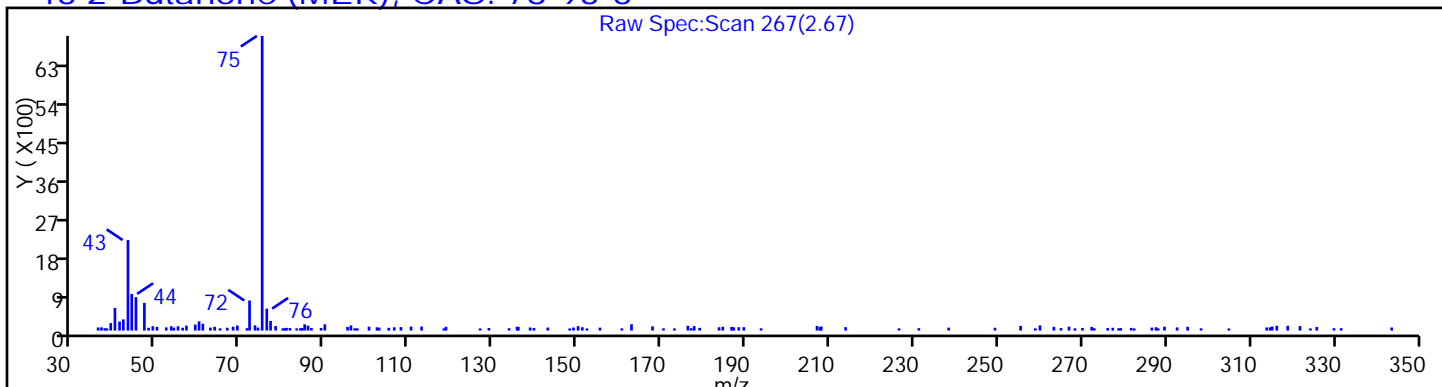
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

43 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

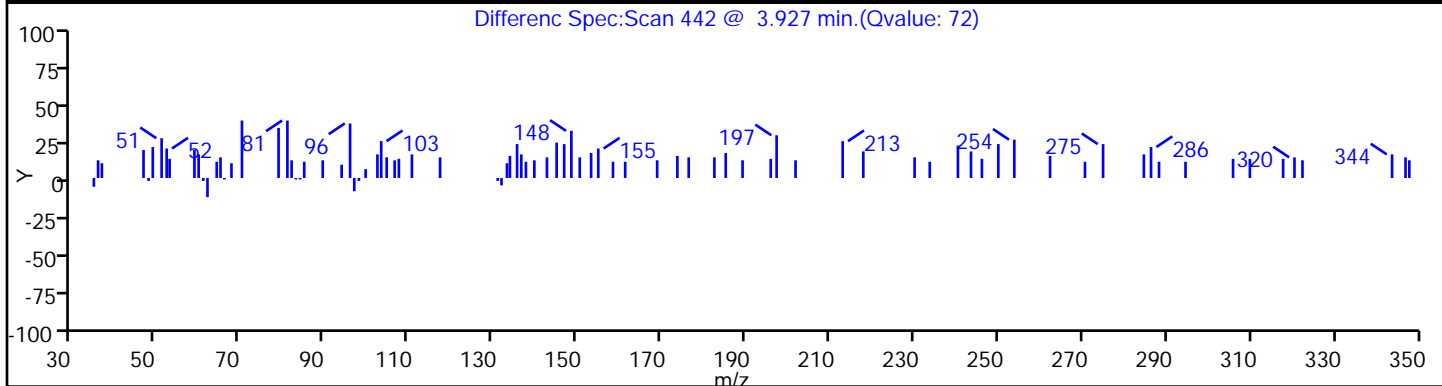
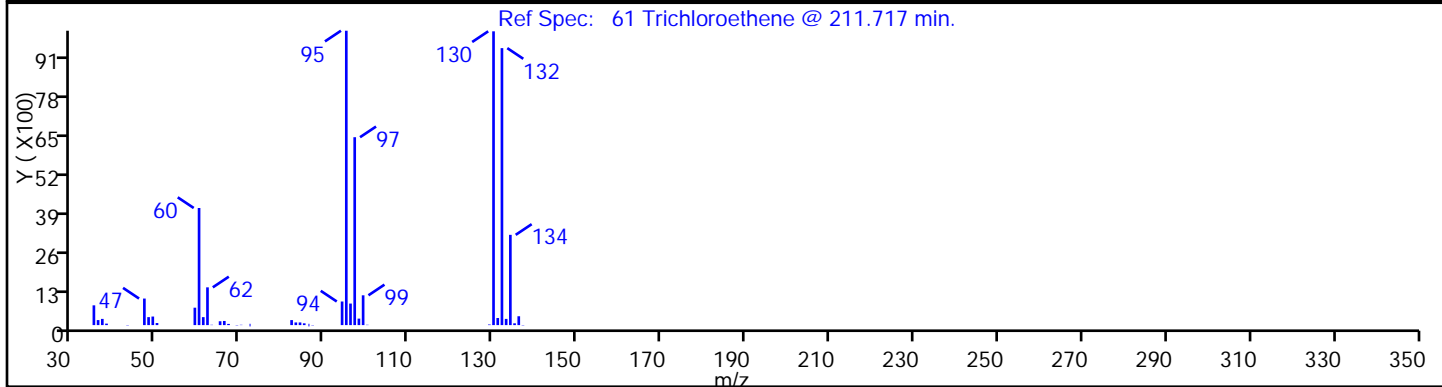
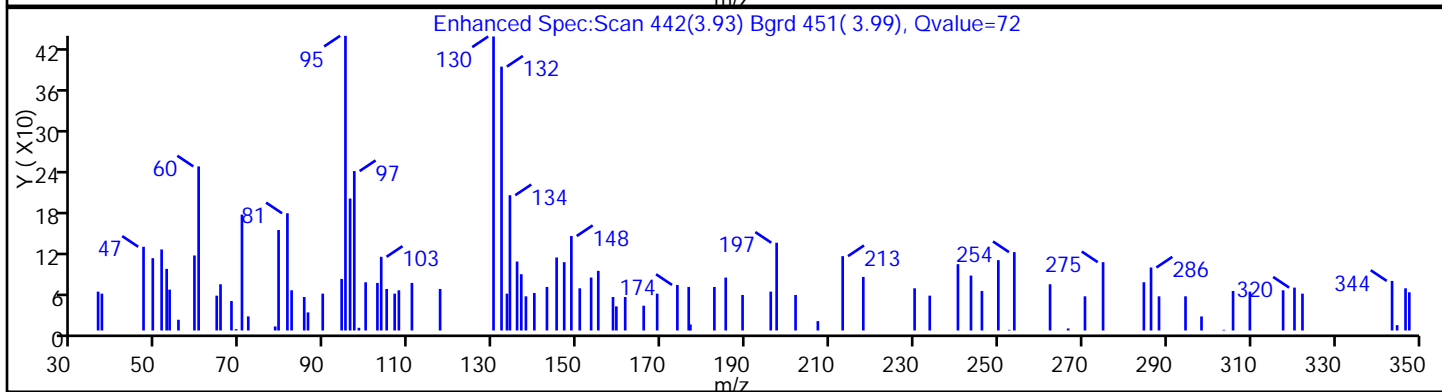
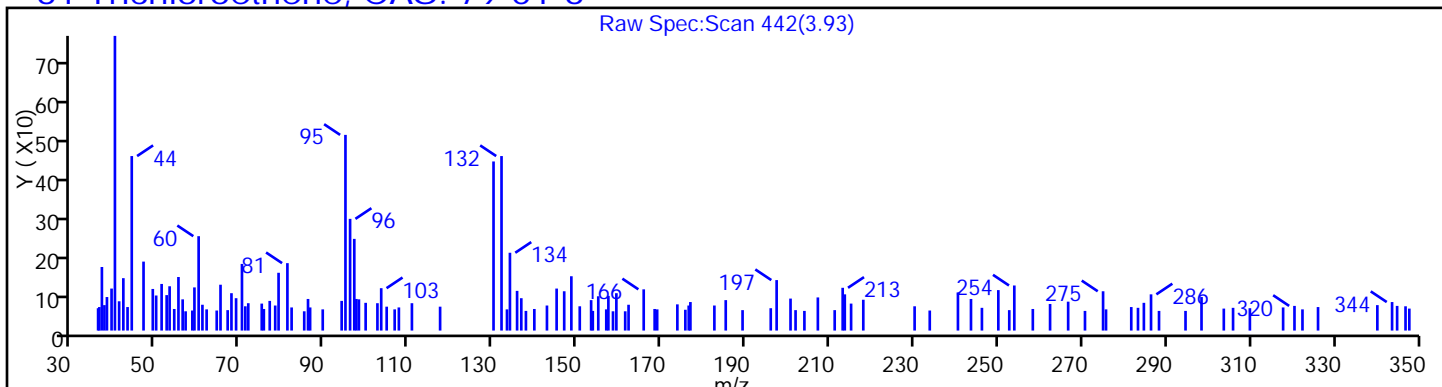
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

61 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

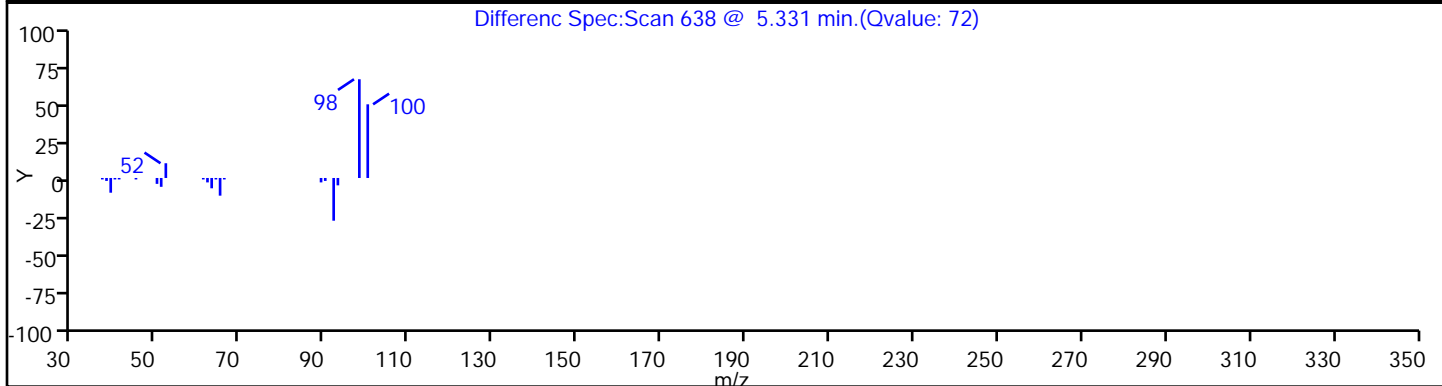
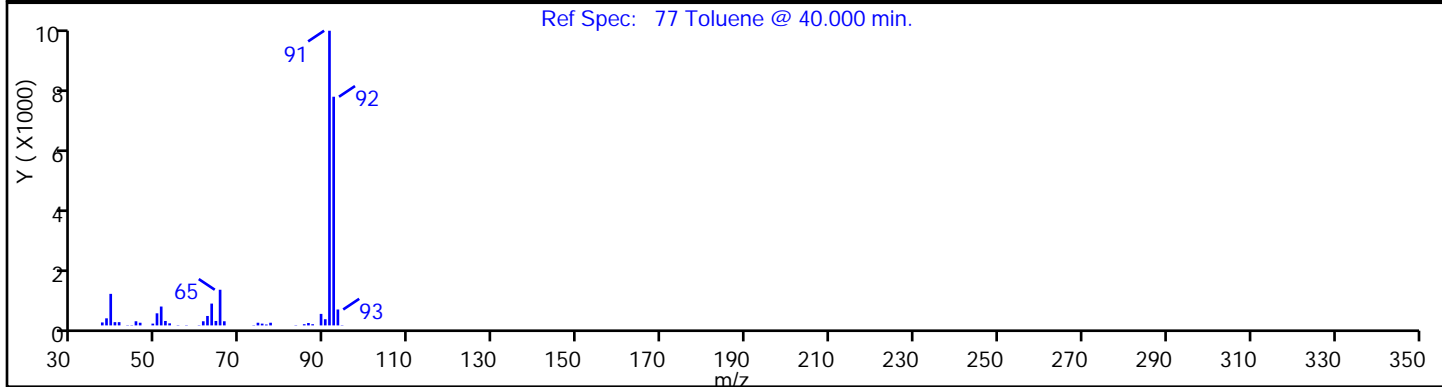
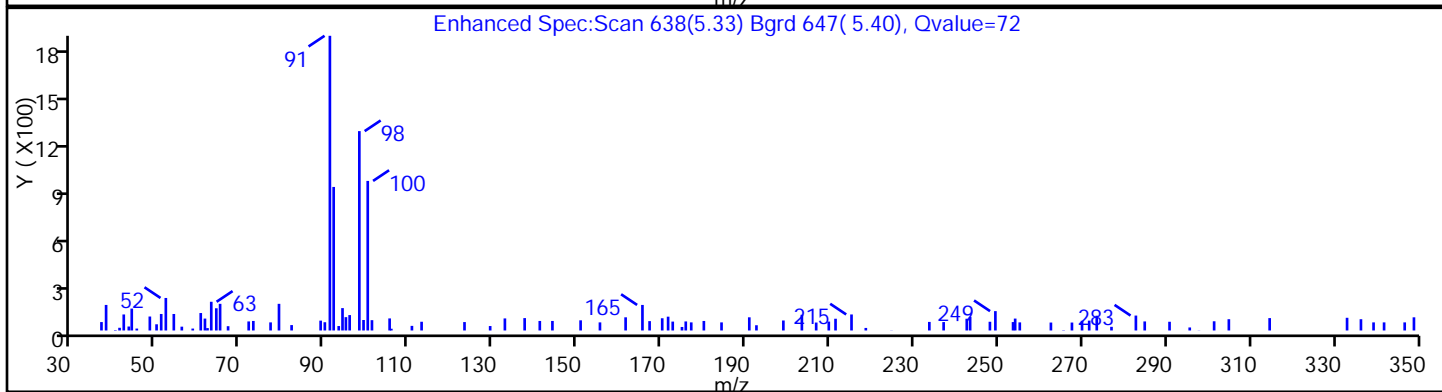
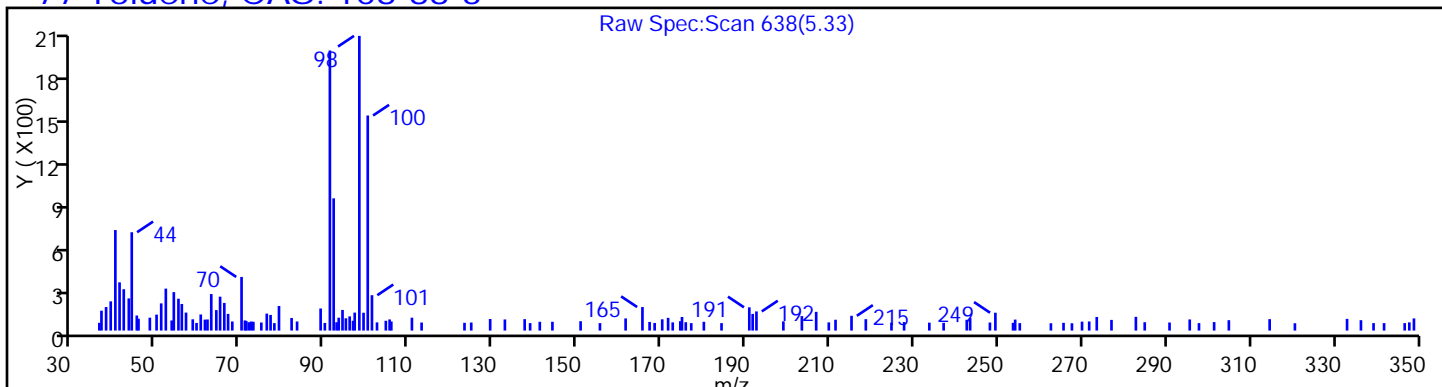
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

77 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

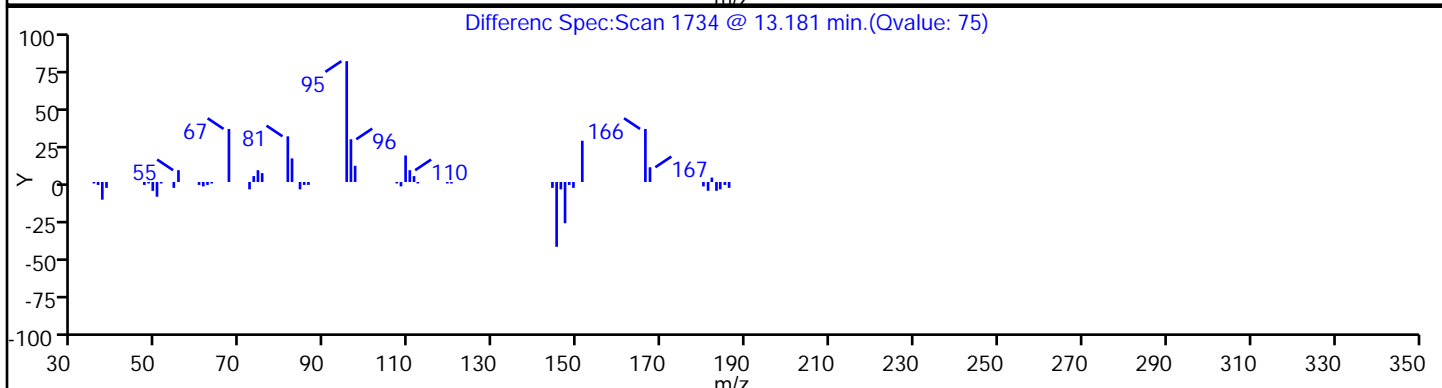
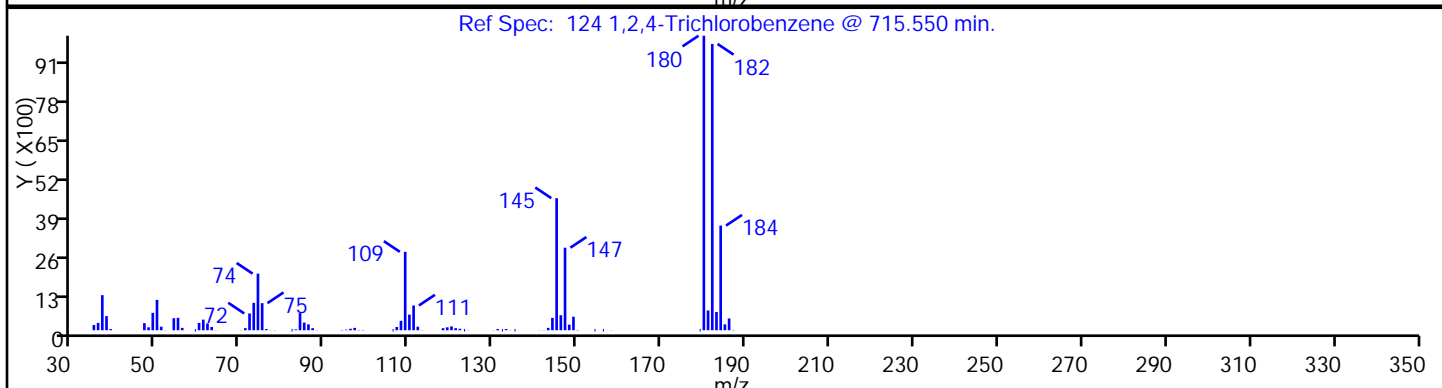
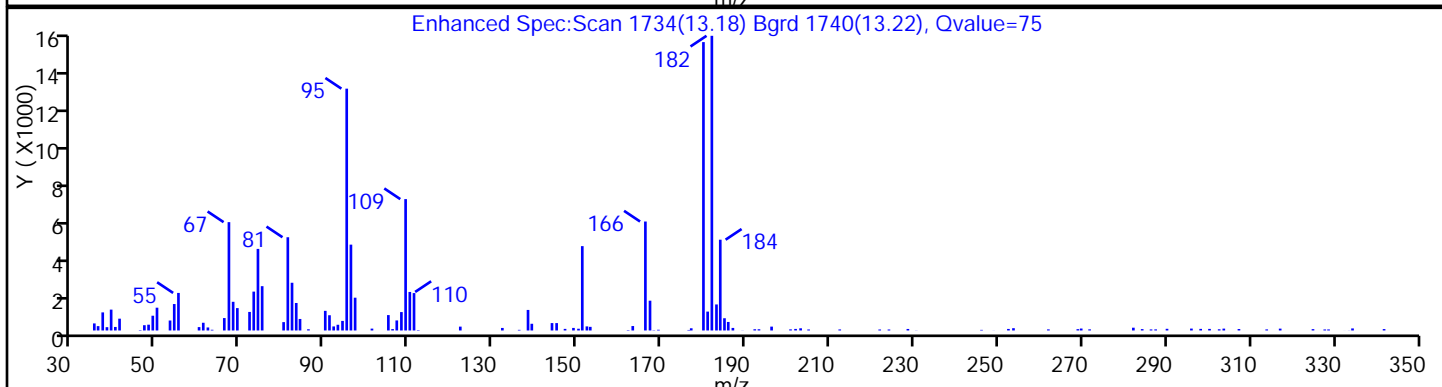
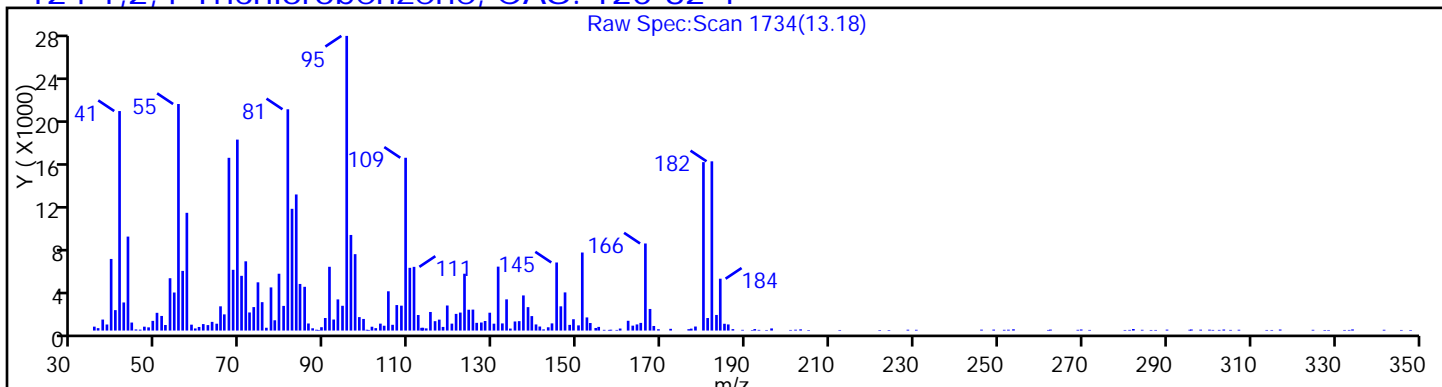
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

124 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

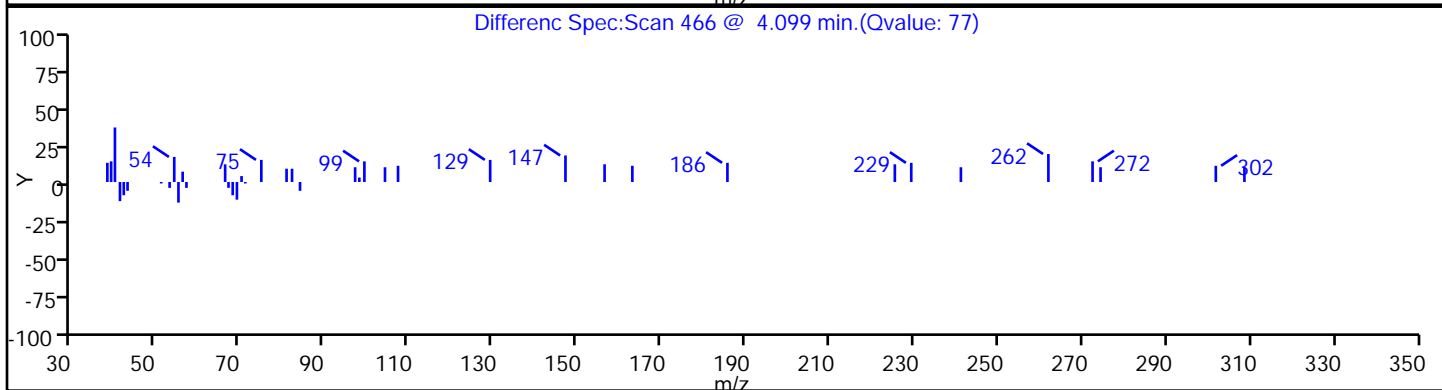
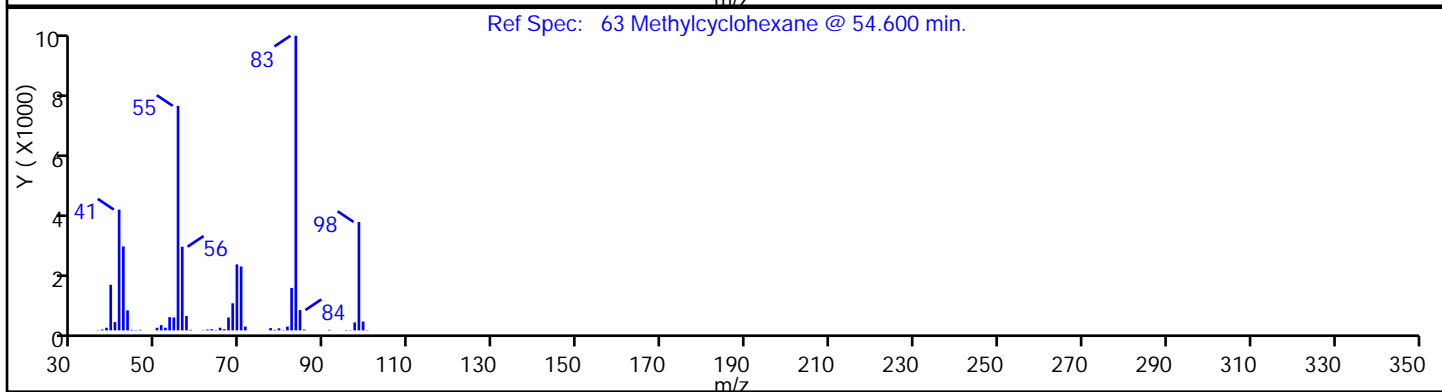
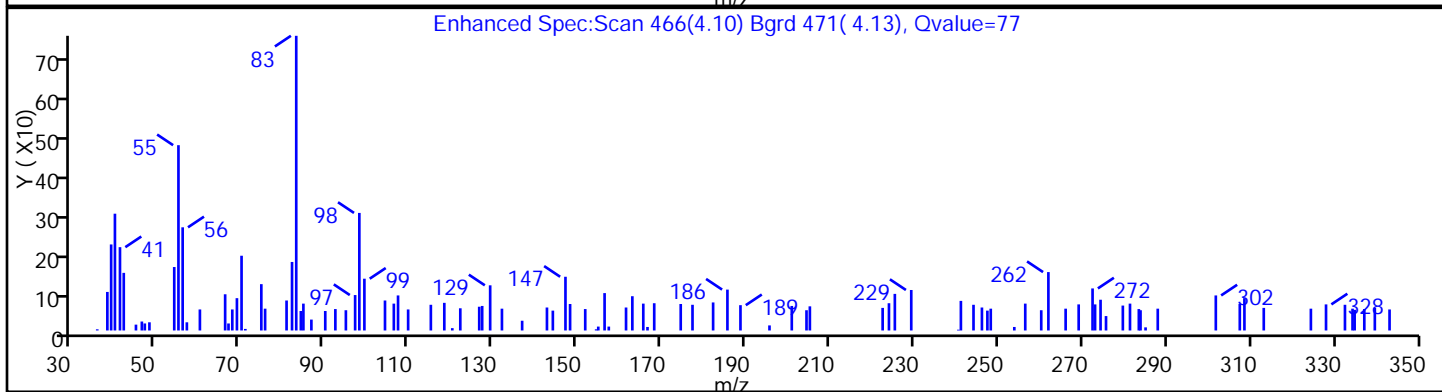
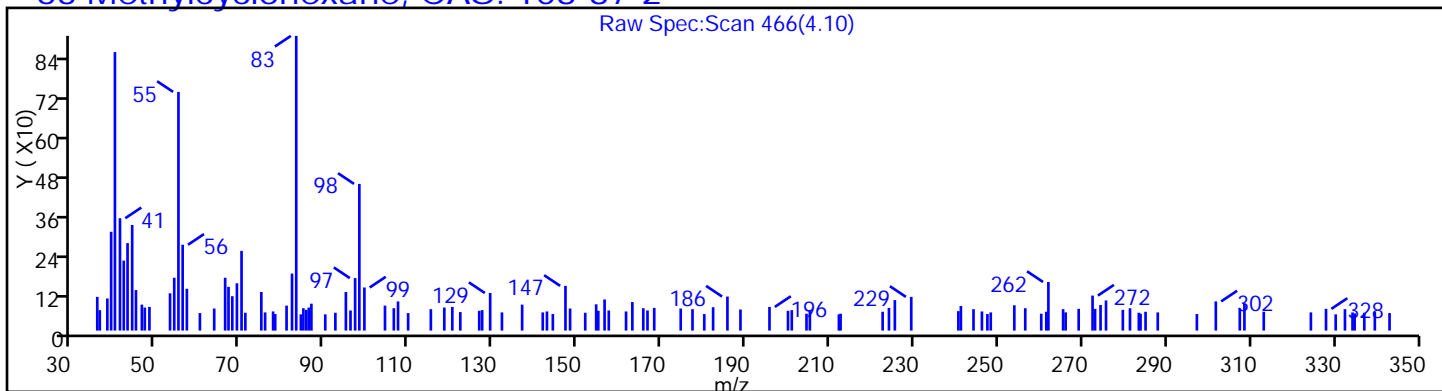
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

63 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

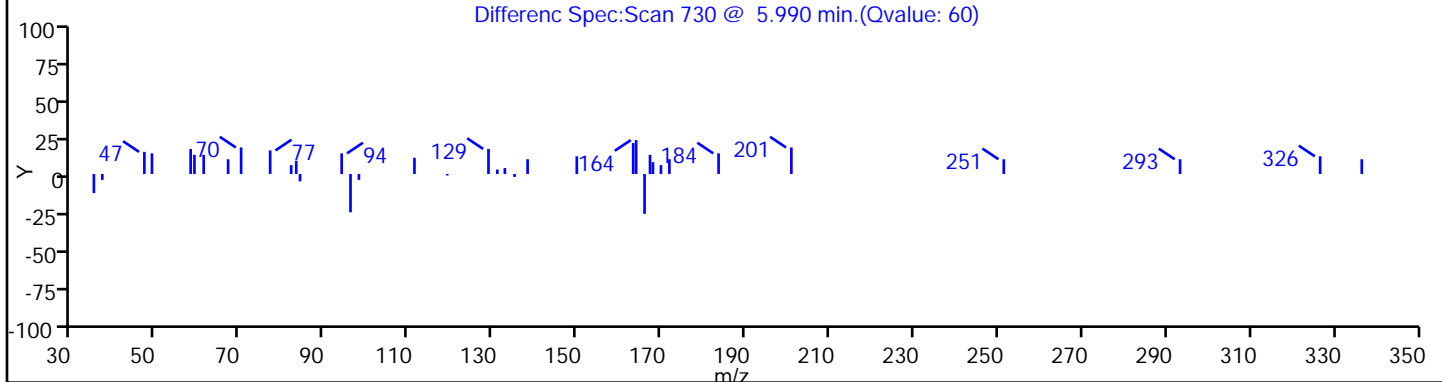
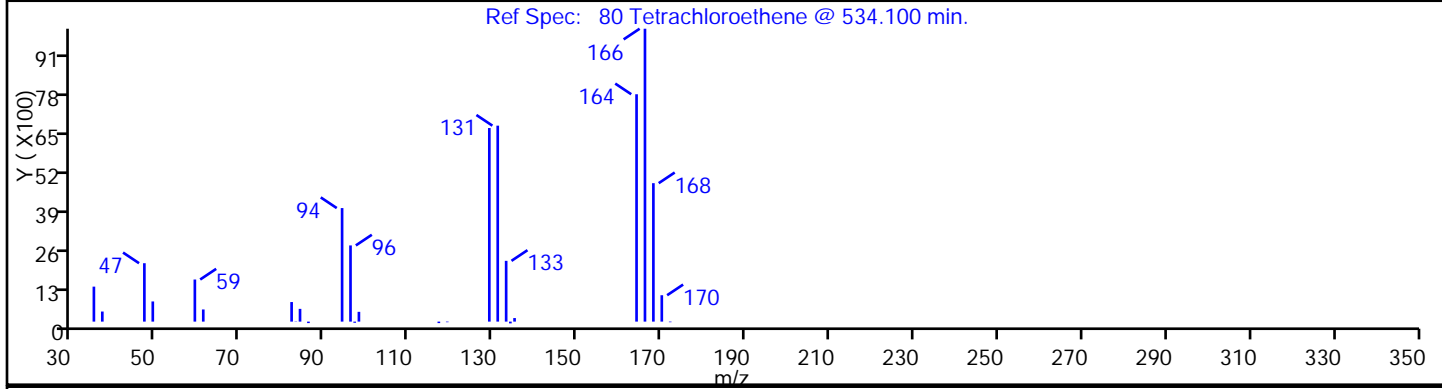
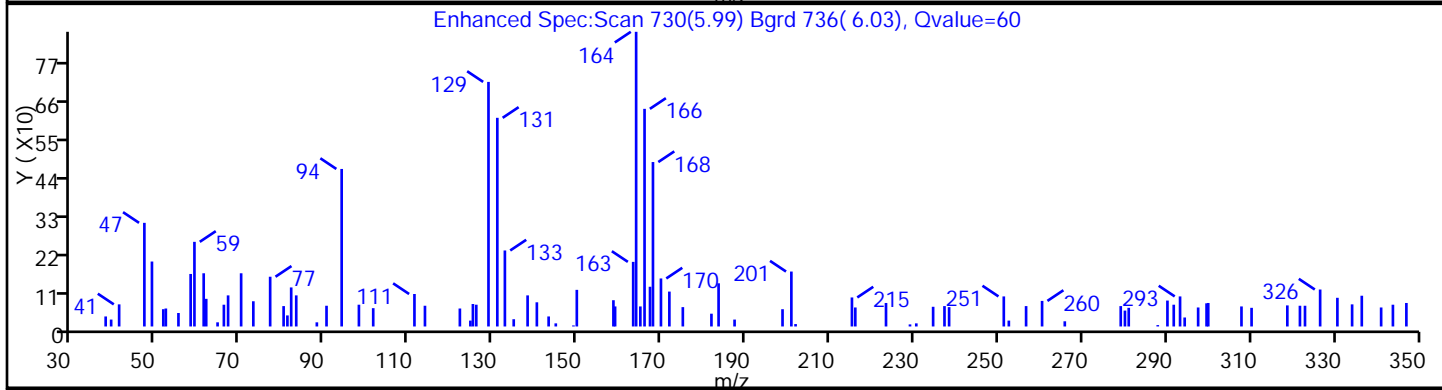
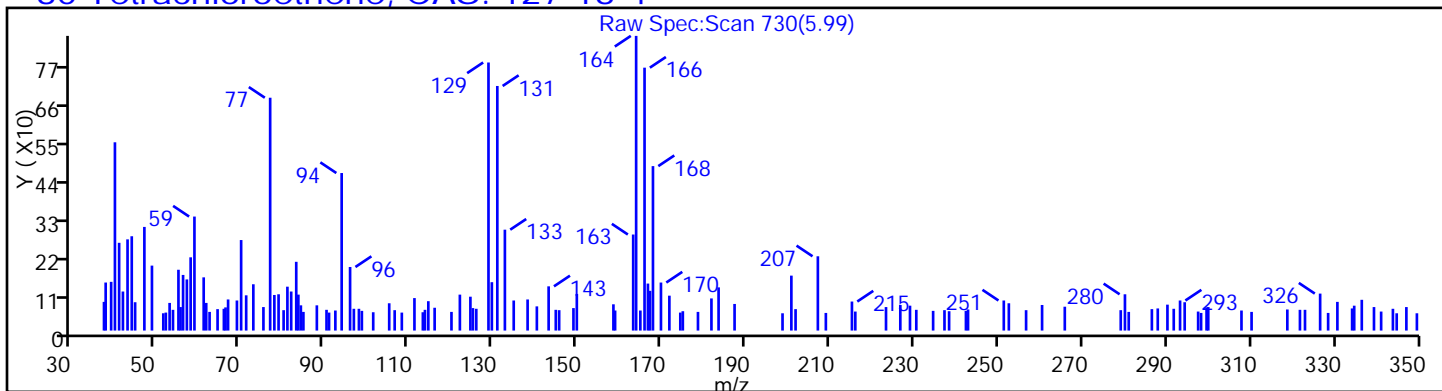
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS SCAN

80 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

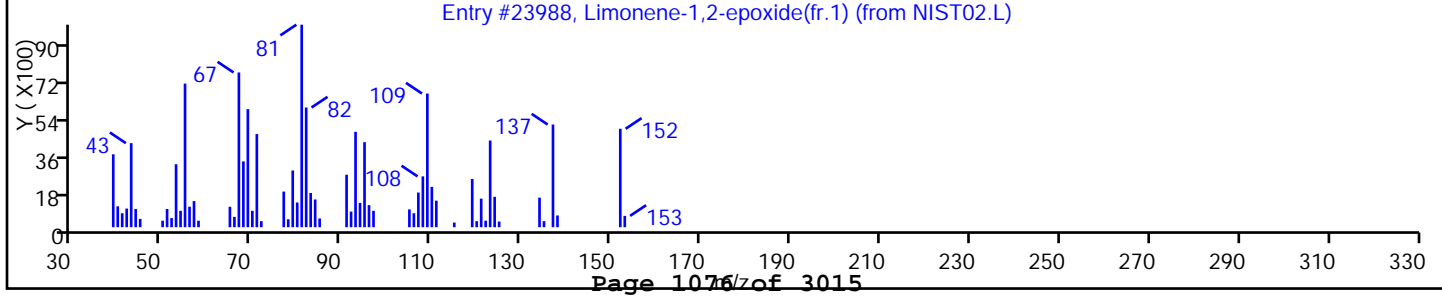
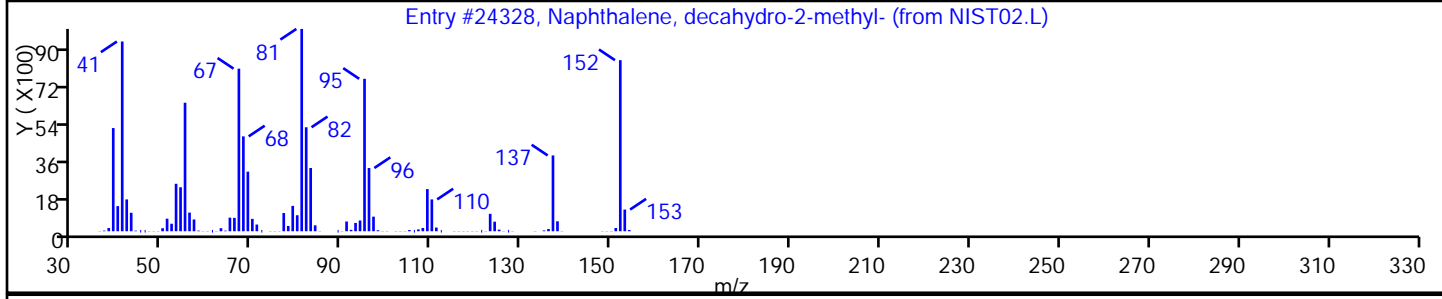
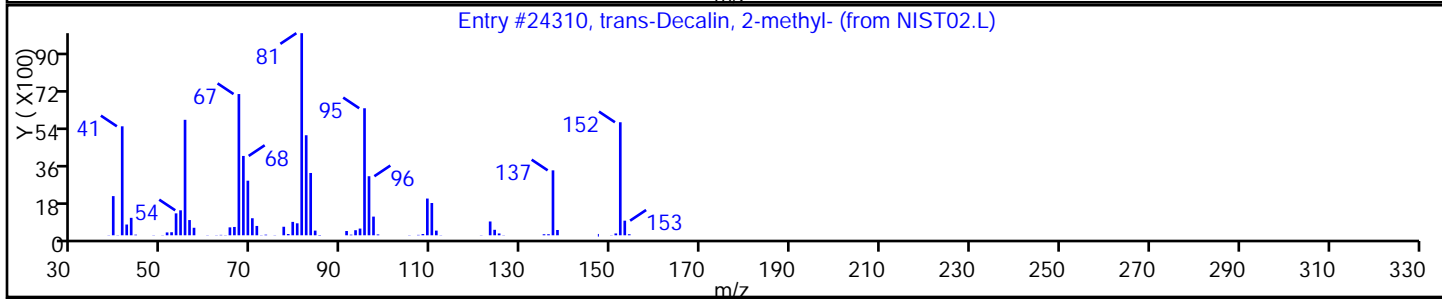
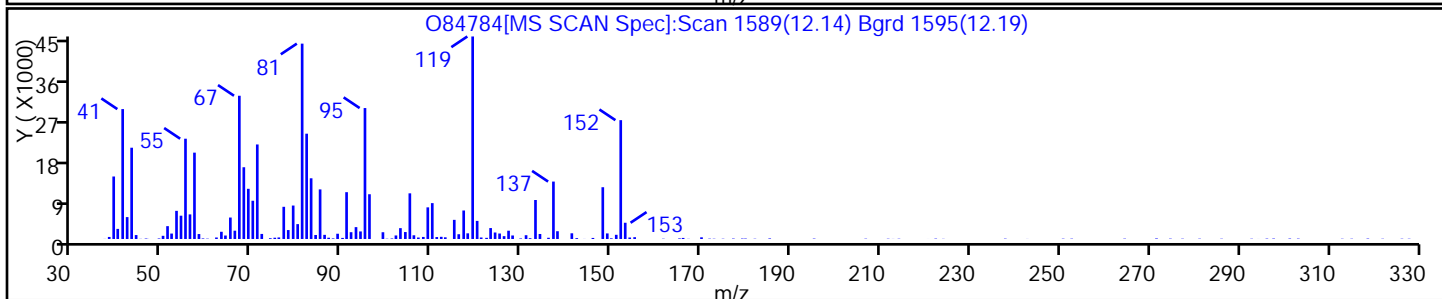
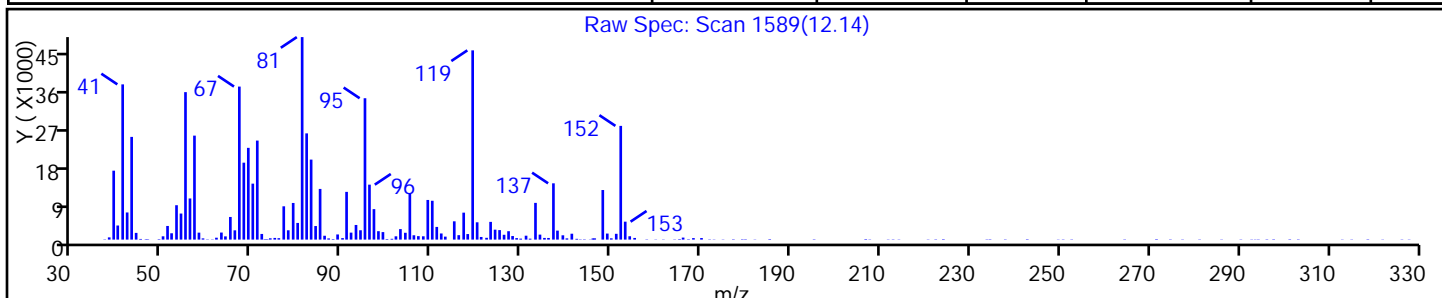
Method: 8260S_12

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	96
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	89
Limonene-1,2-epoxide(fr.1)	1000292-83	NIST02.L	23988	C10H16O	152	43



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

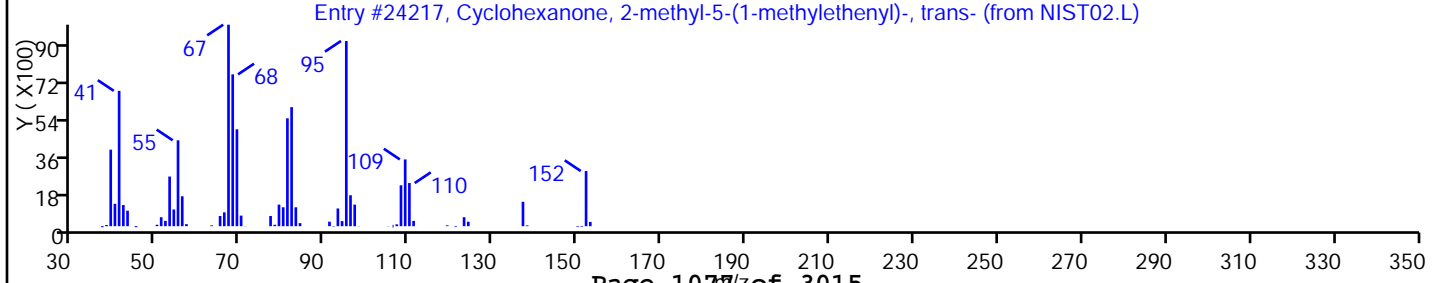
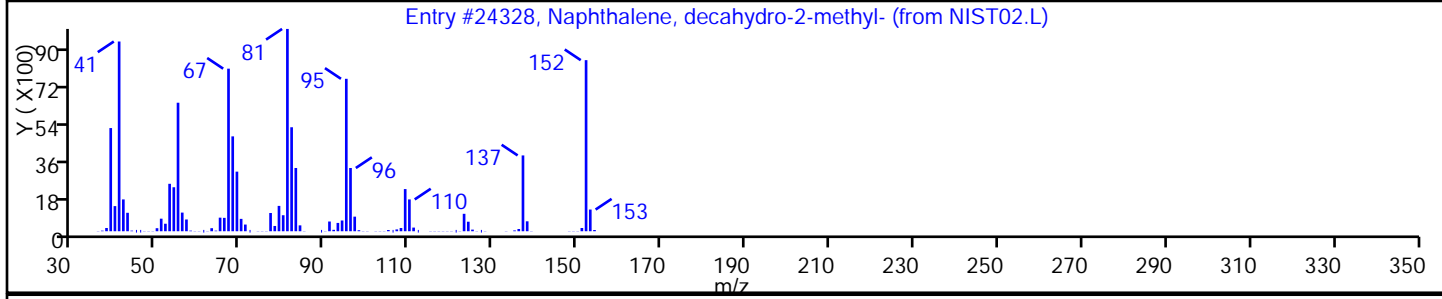
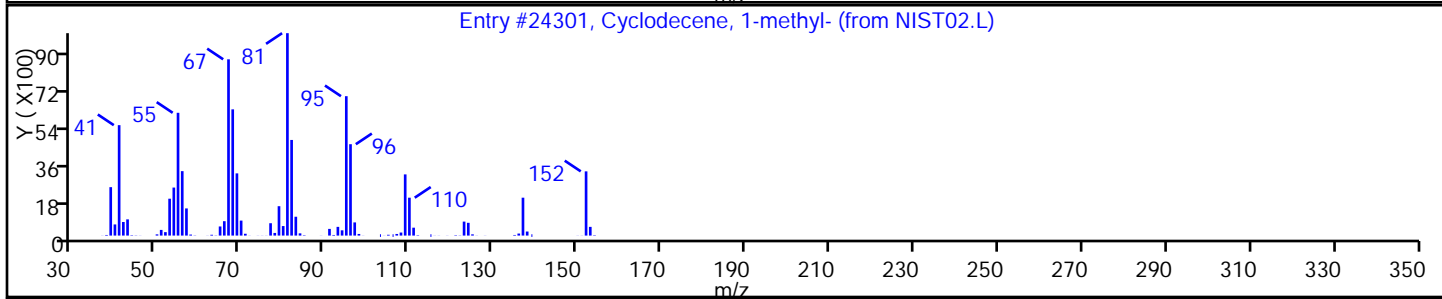
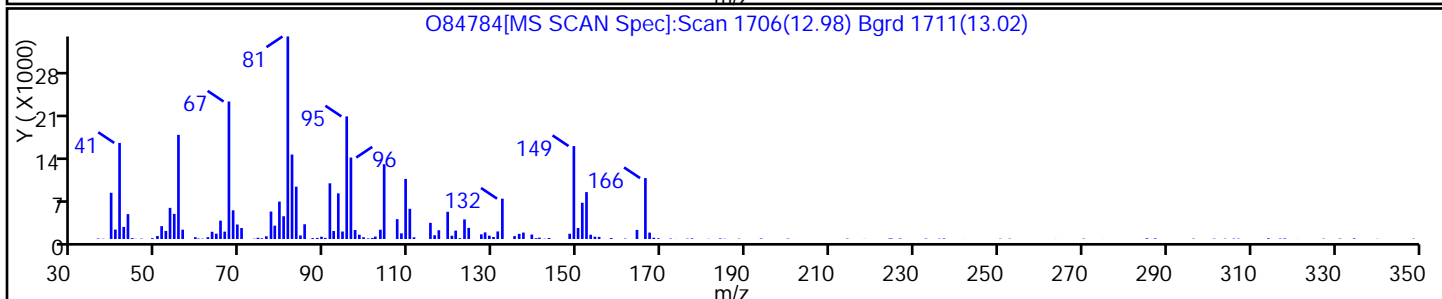
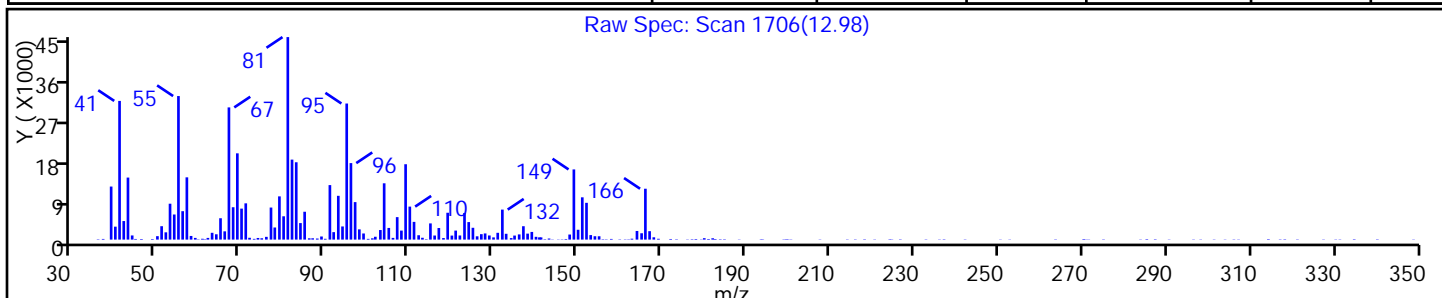
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclodecene, 1-methyl-	66633-38-3	NIST02.L	24301	C11H20	152	86
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	60
Cyclohexanone, 2-methyl-5-(1-methylethen	5948-04-9	NIST02.L	24217	C10H16O	152	51



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

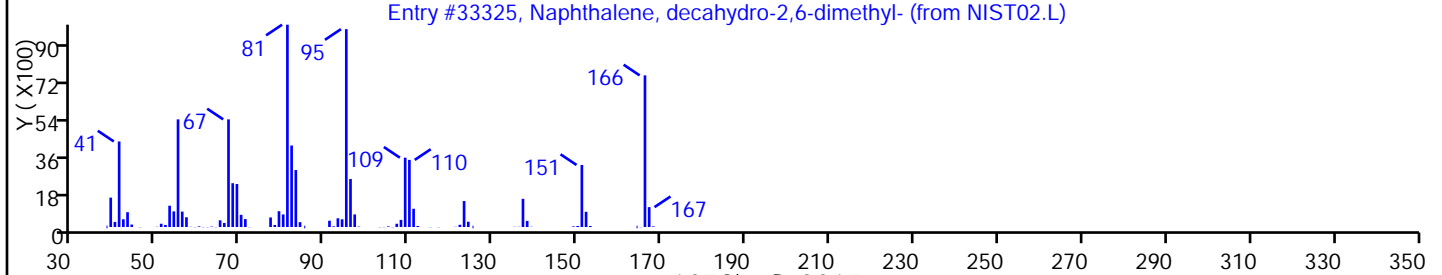
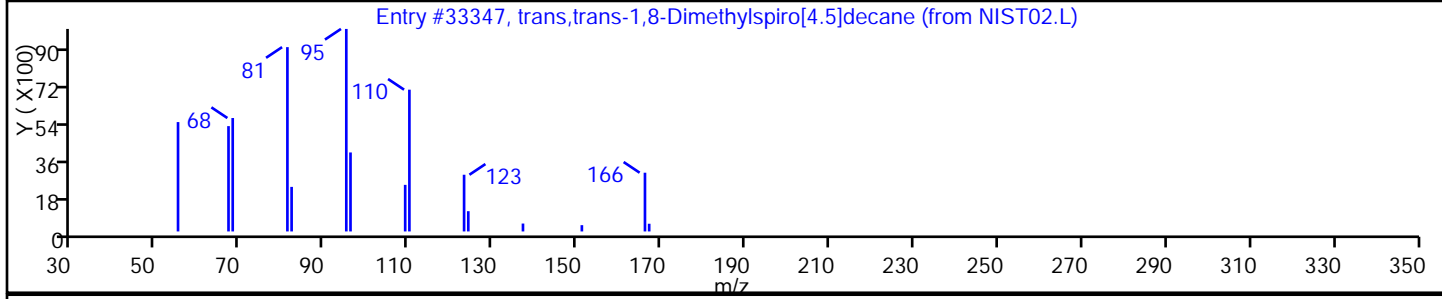
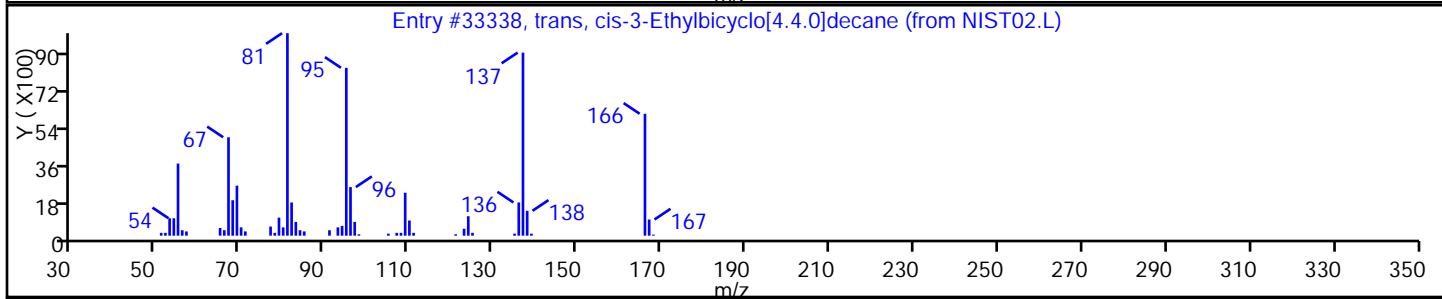
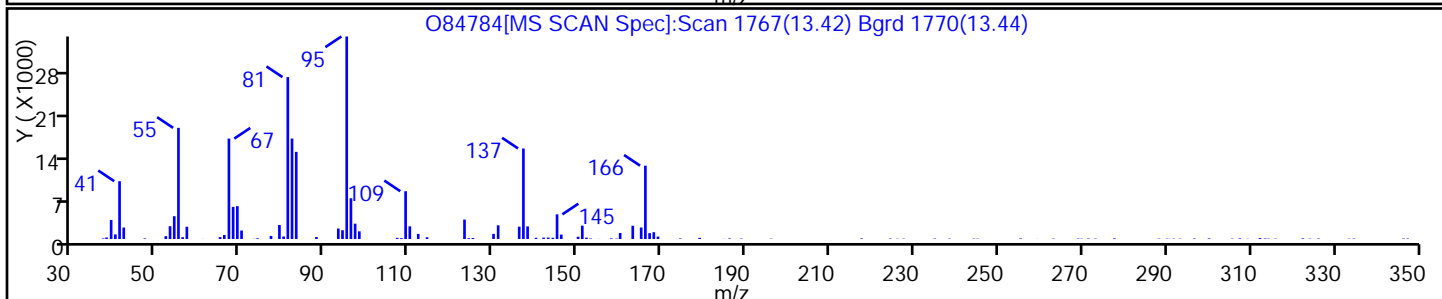
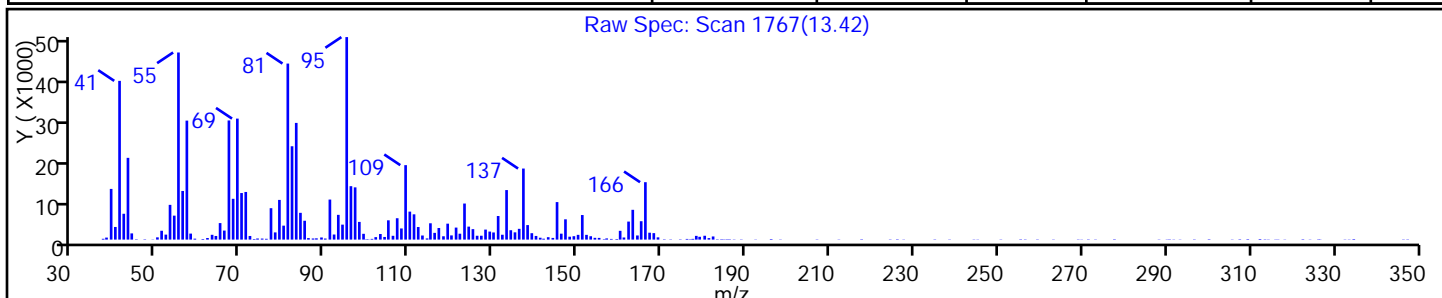
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans, cis-3-Ethylbicyclo[4.4.0]decane	66660-43-3	NIST02.L	33338	C12H22	166	58
trans,trans-1,8-Dimethylspiro[4.5]decane	1000111-72	NIST02.L	33347	C12H22	166	50
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	50



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

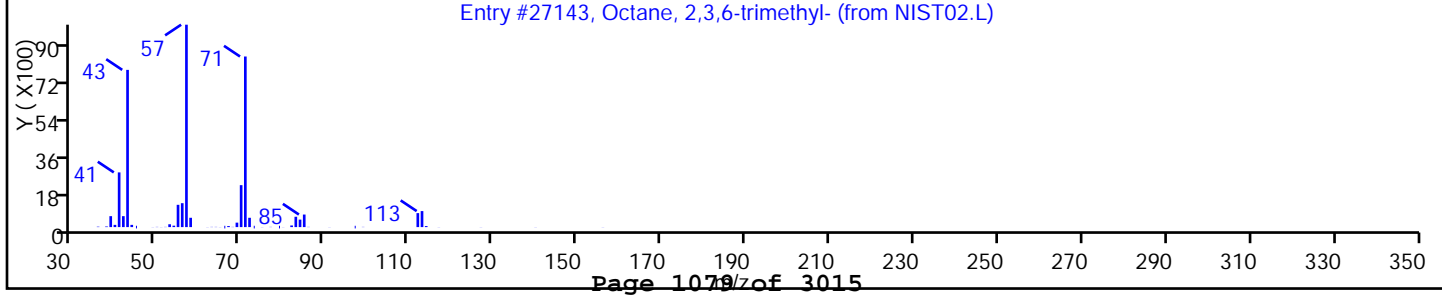
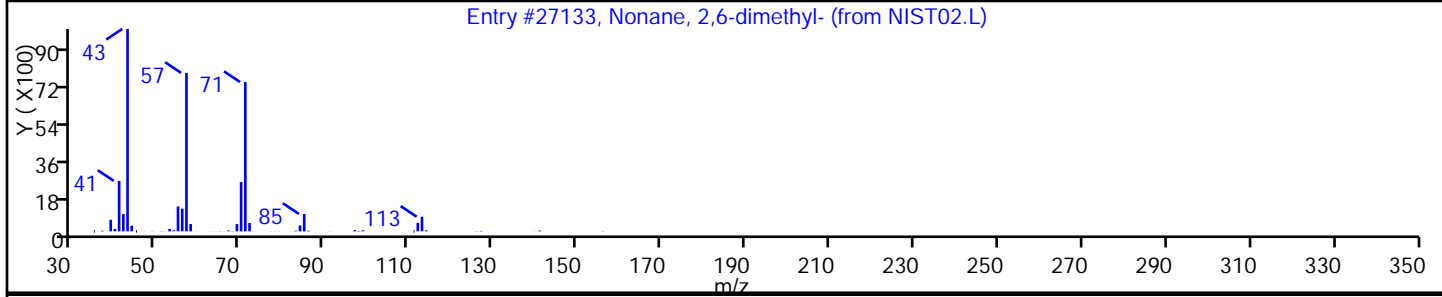
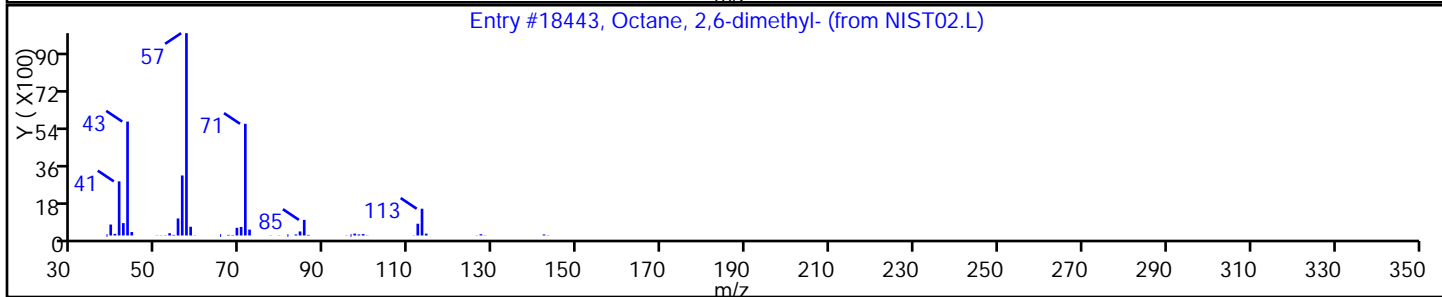
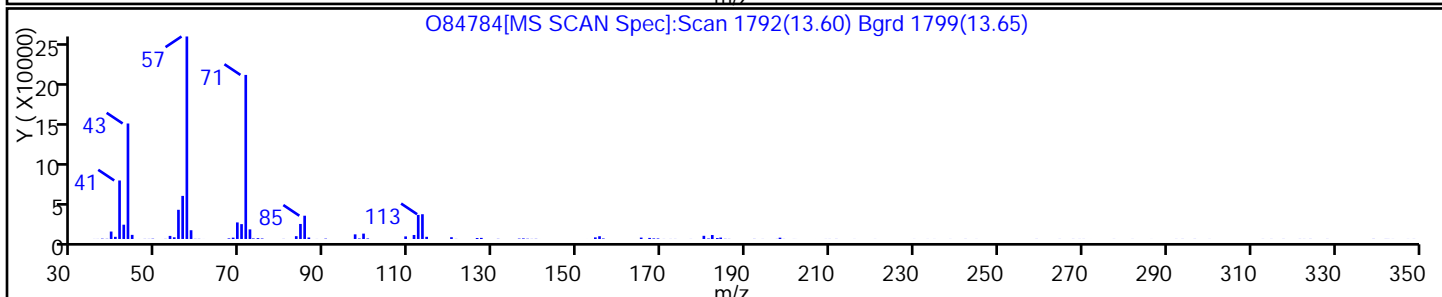
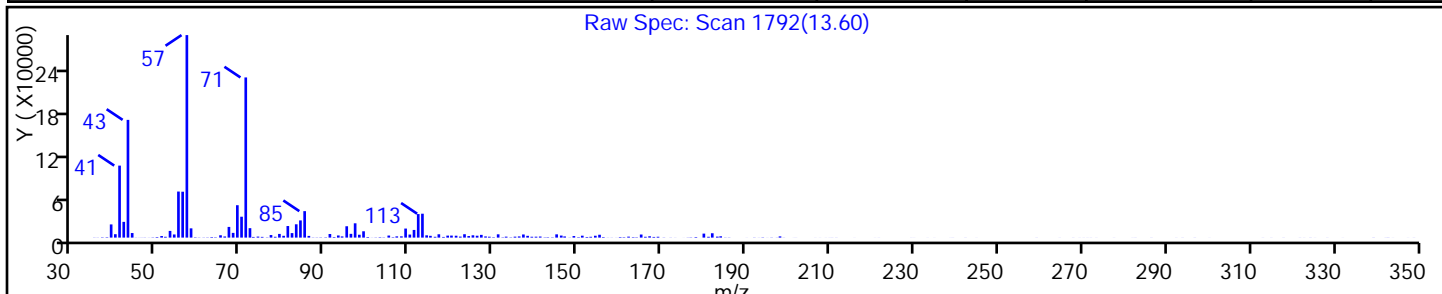
Method: 8260S_12

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	18443	C10H22	142	86
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.L	27133	C11H24	156	80
Octane, 2,3,6-trimethyl-	62016-33-5	NIST02.L	27143	C11H24	156	78



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

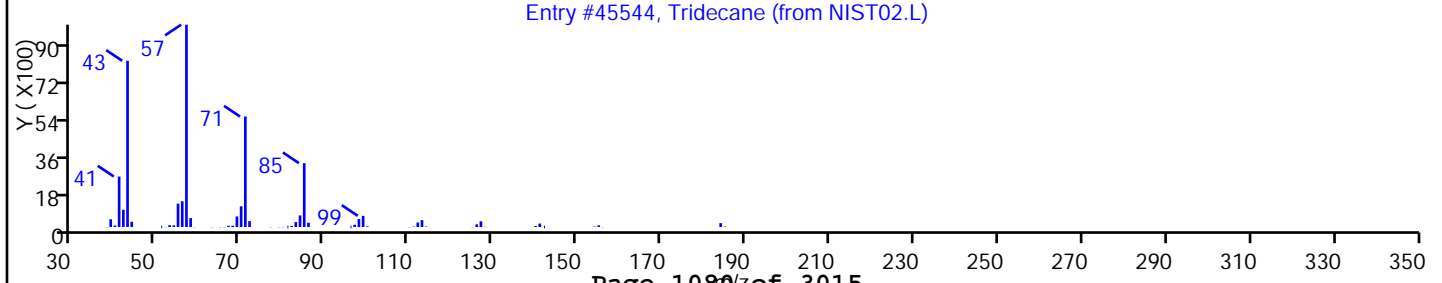
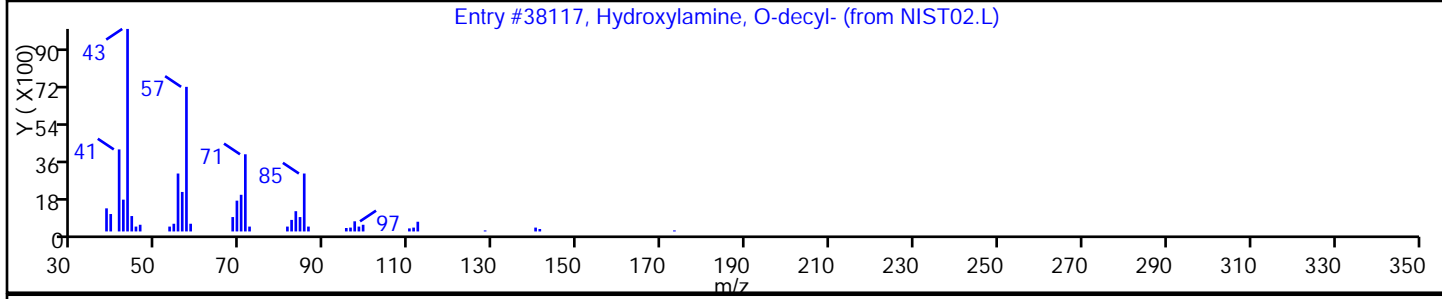
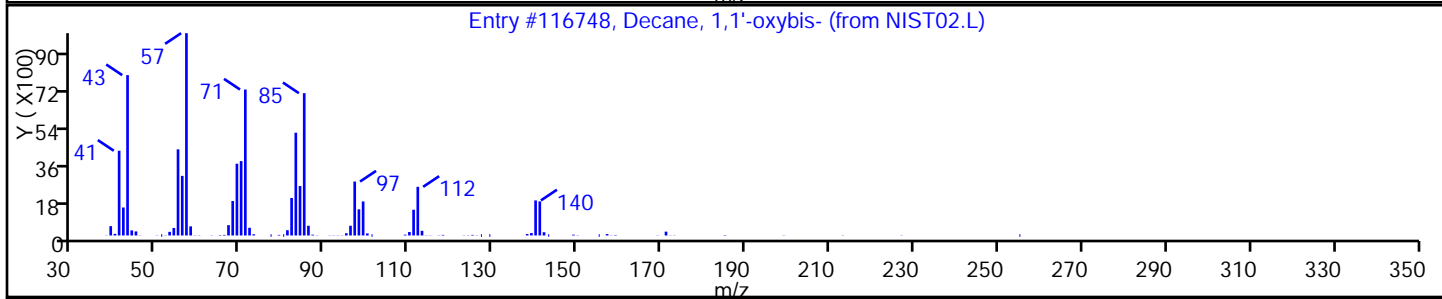
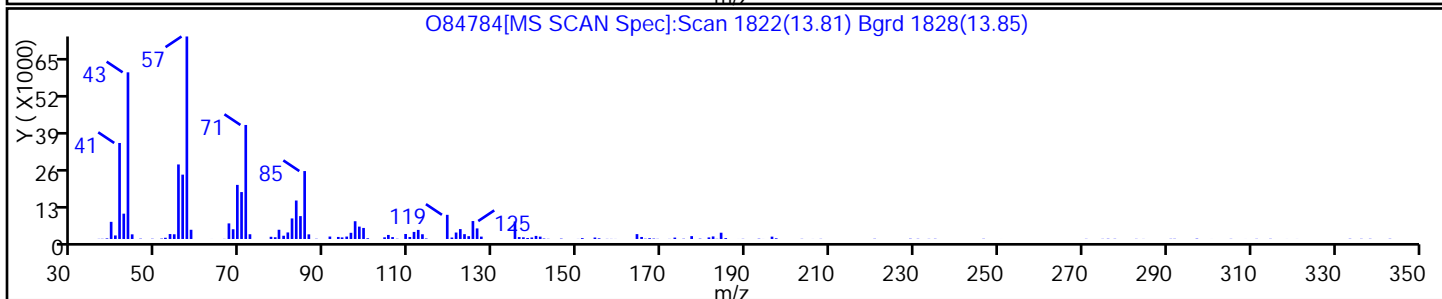
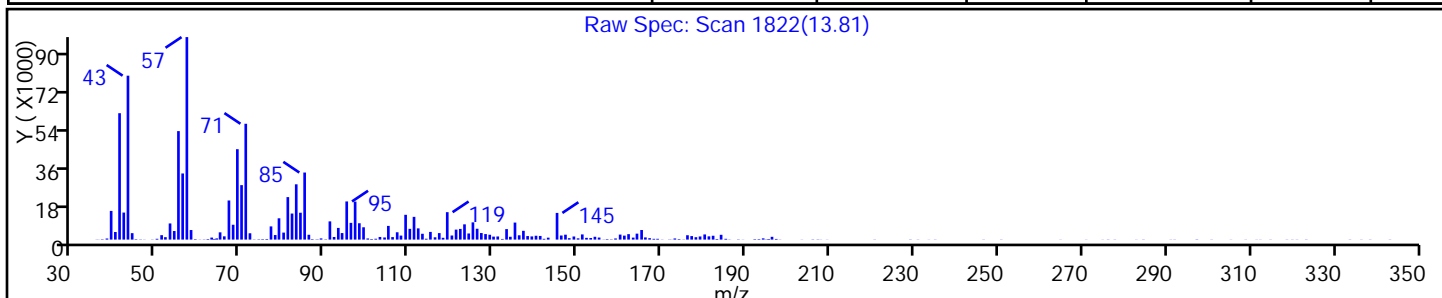
Method: 8260S_12

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	83
Hydroxylamine, O-decyl-	29812-79-1	NIST02.L	38117	C10H23NO	173	80
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	76



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

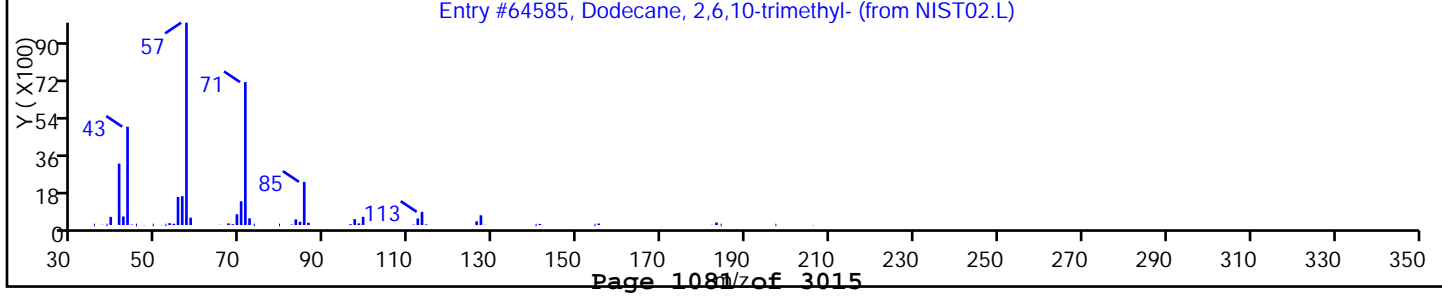
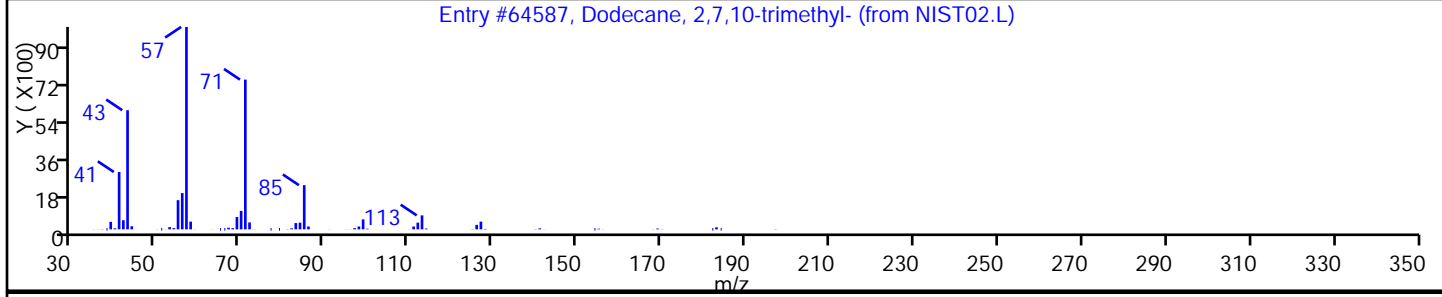
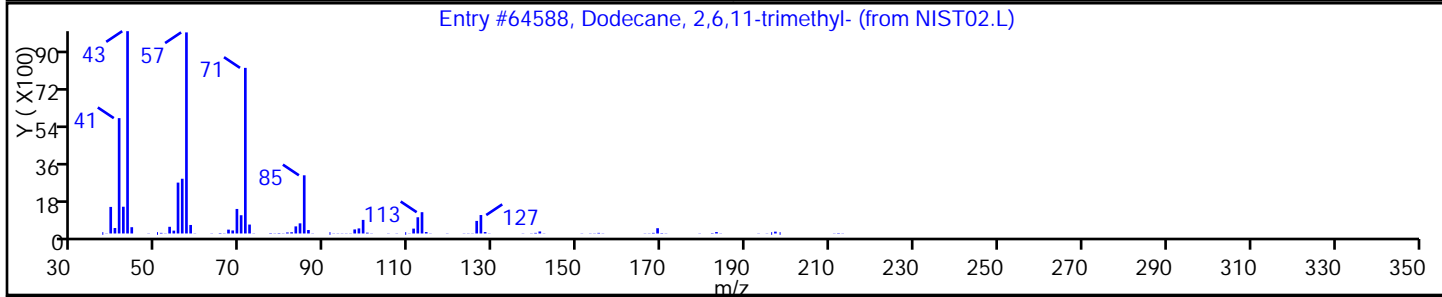
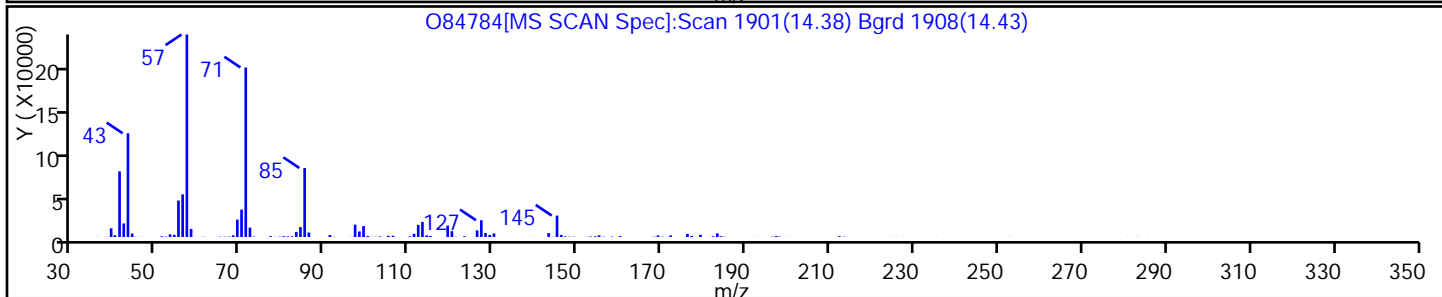
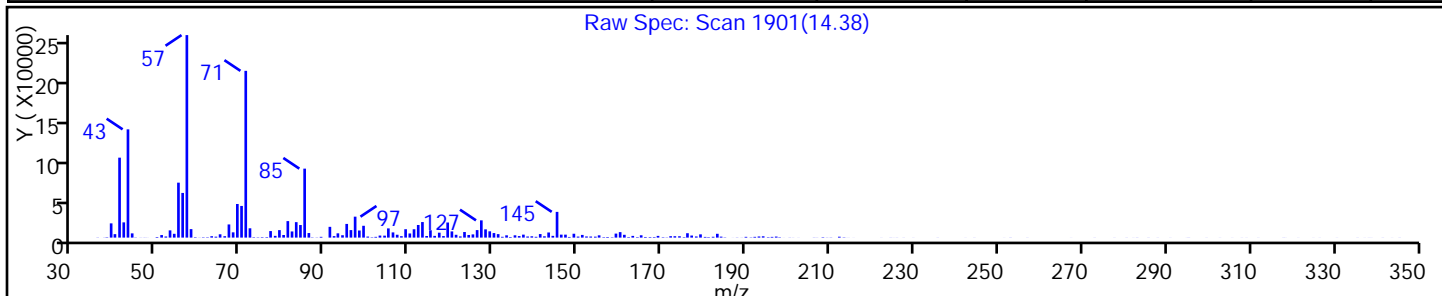
Method: 8260S_12

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	64588	C15H32	212	93
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	87
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

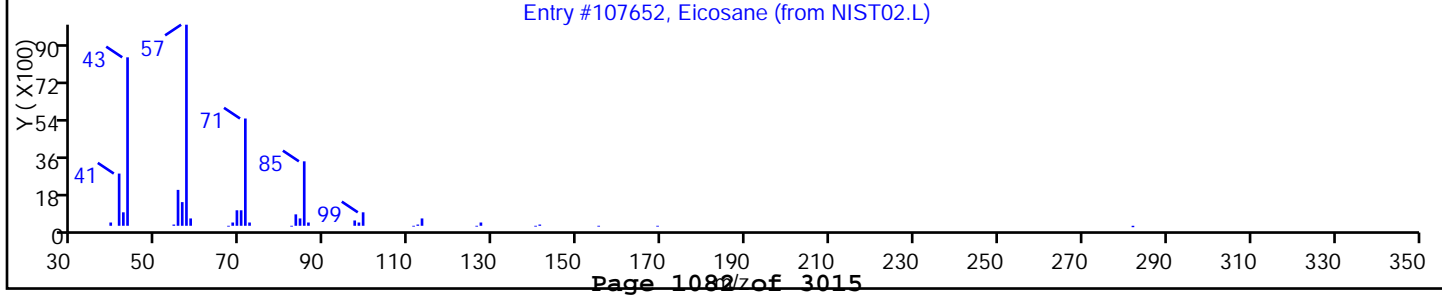
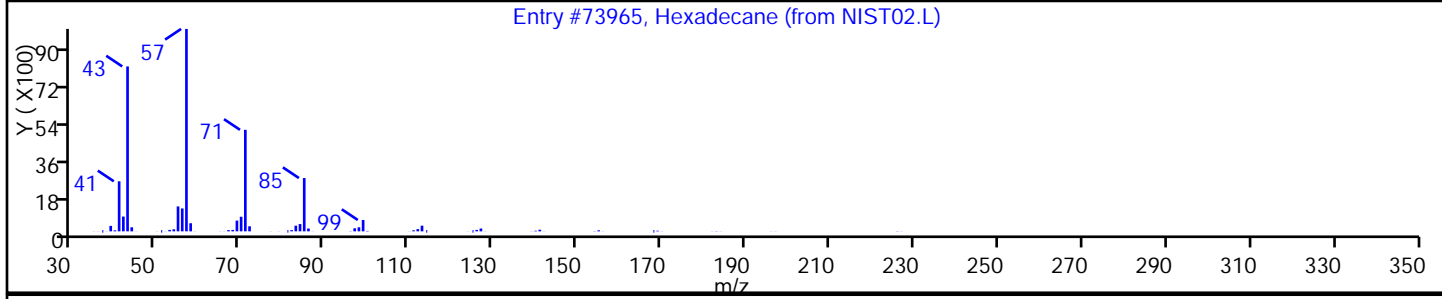
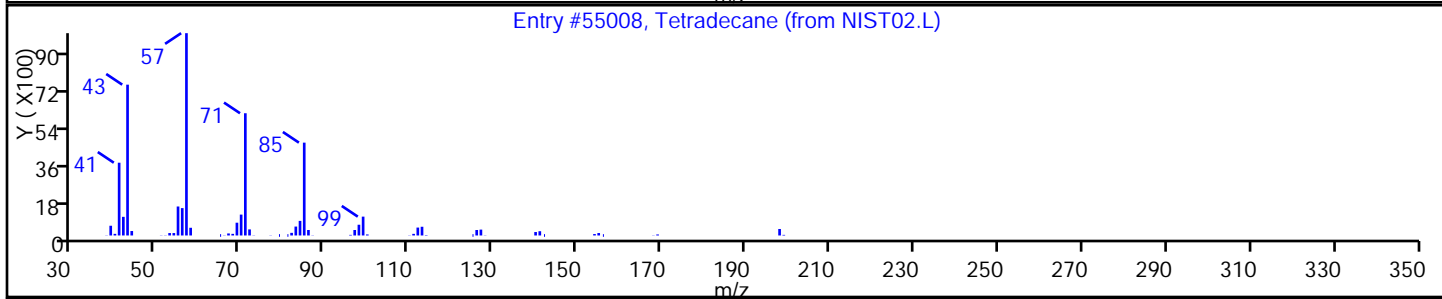
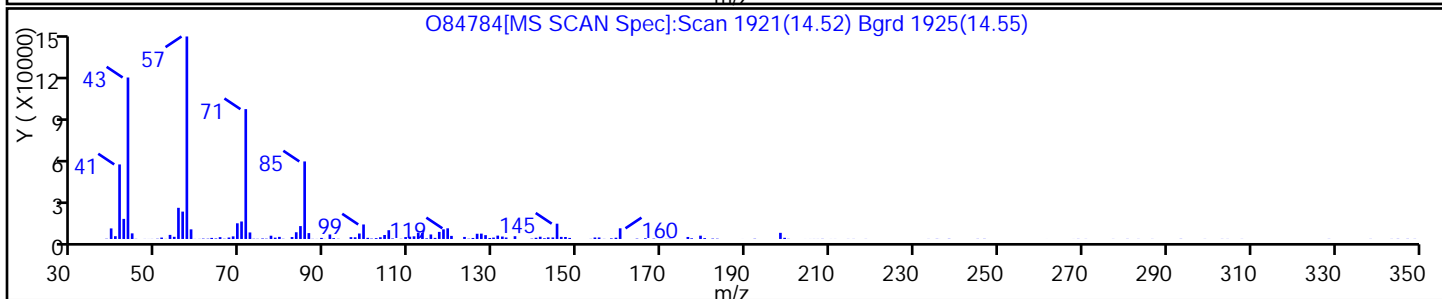
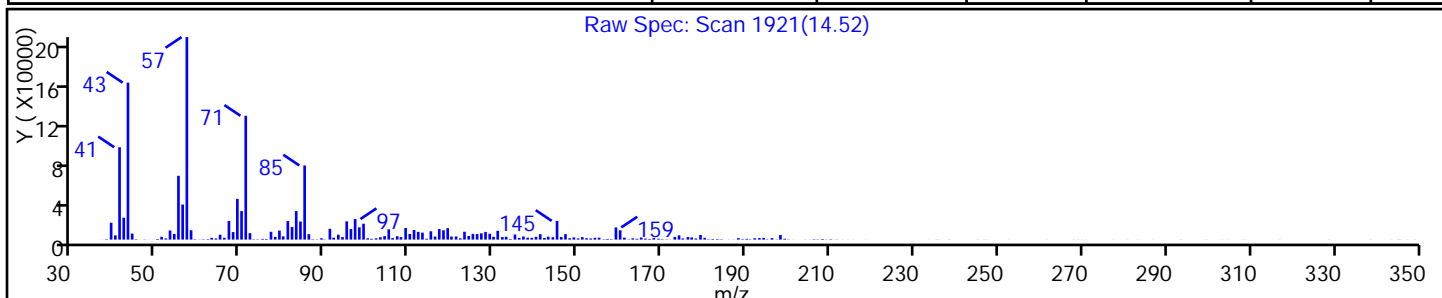
Method: 8260S_12

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	55008	C14H30	198	90
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	74
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	72



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

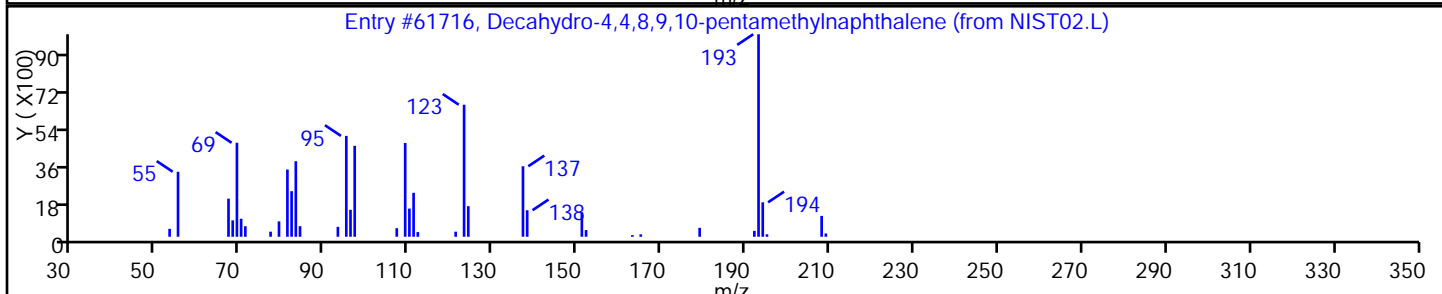
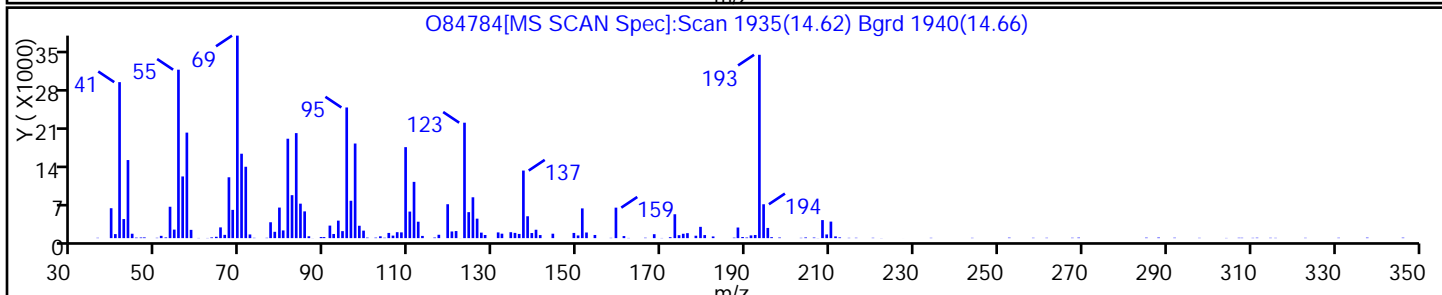
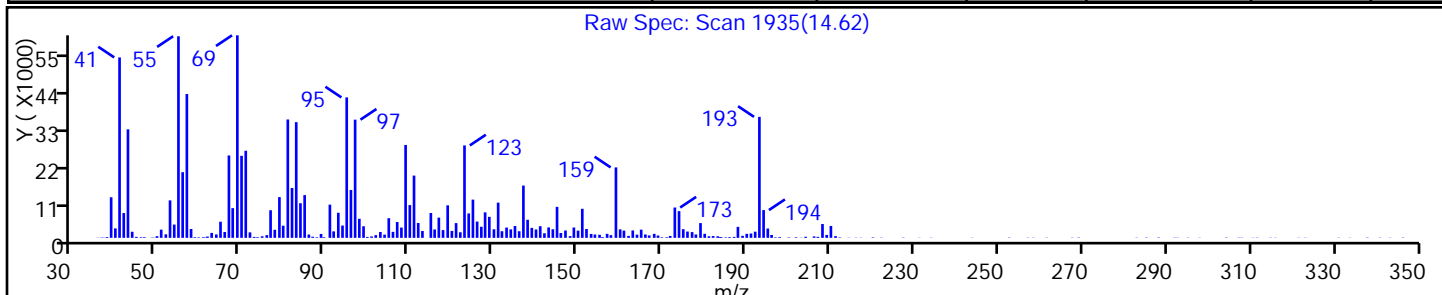
Method: 8260S_12

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	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

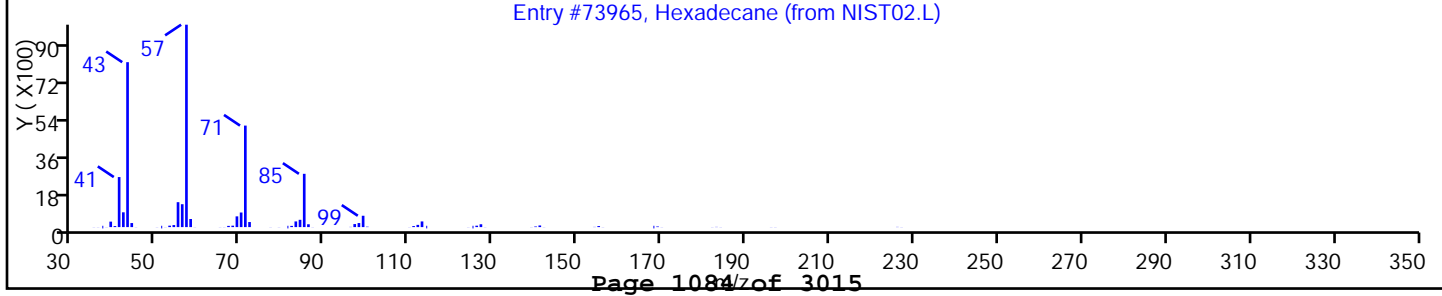
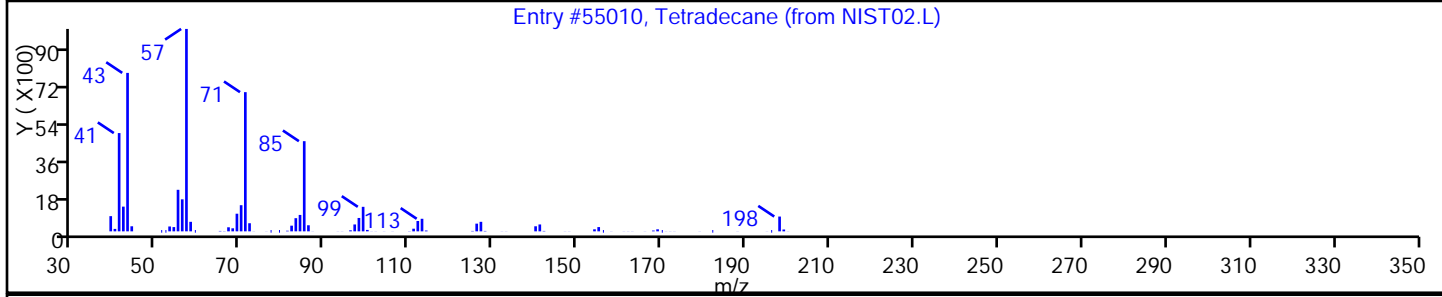
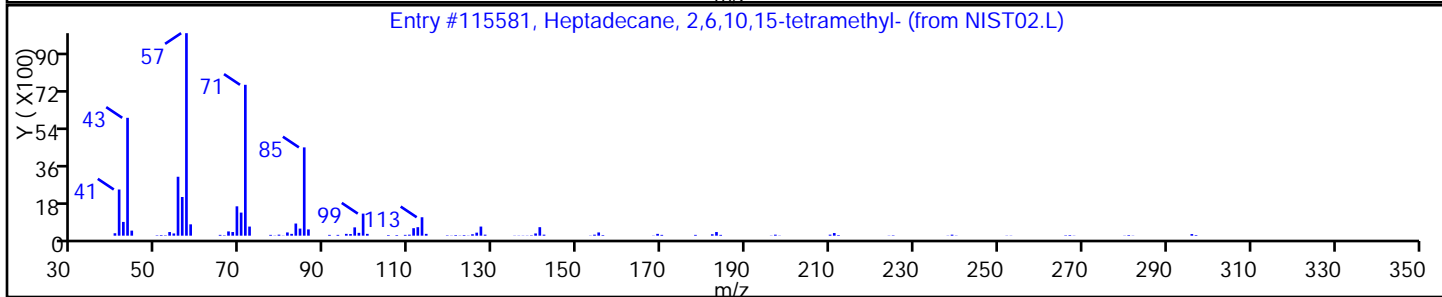
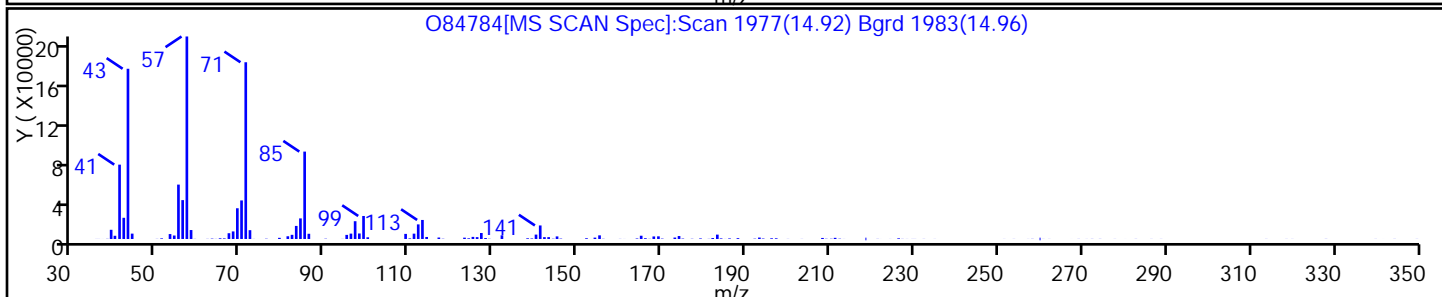
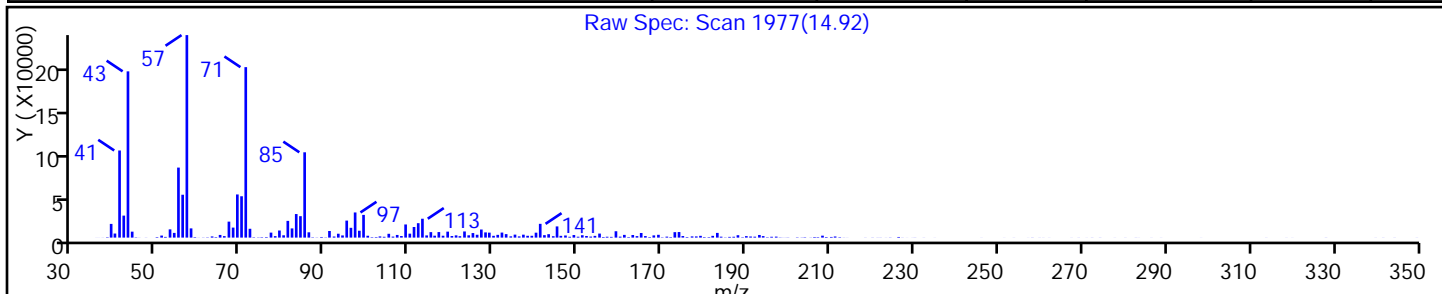
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

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	86
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	83
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84784.D

Injection Date: 14-Mar-2014 09:12:30

Instrument ID: CVOAMS12

Lims ID: 460-72180-B-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID: VOA GC/MS12

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

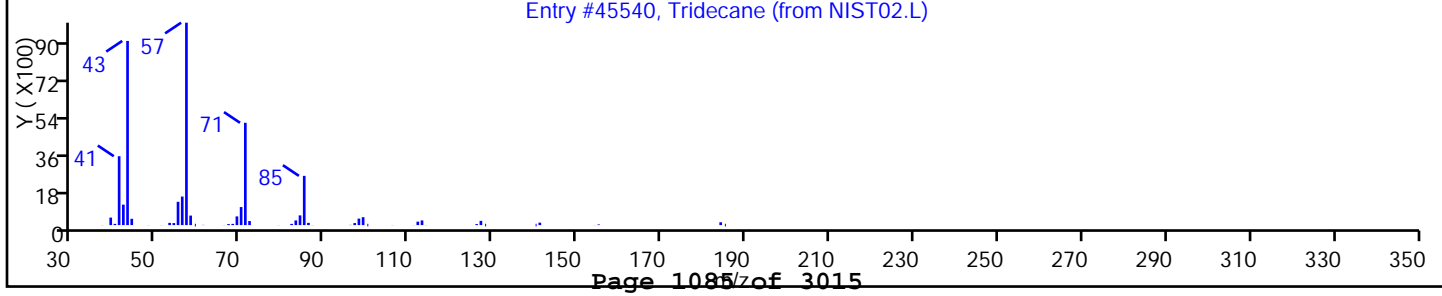
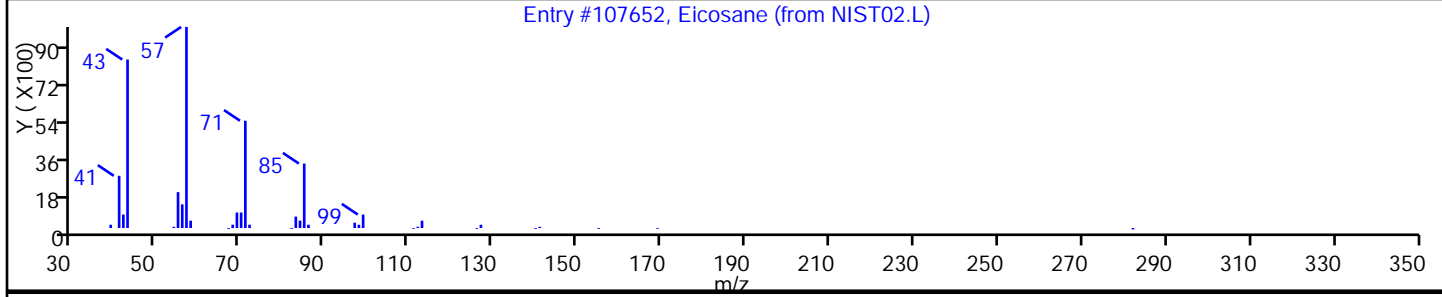
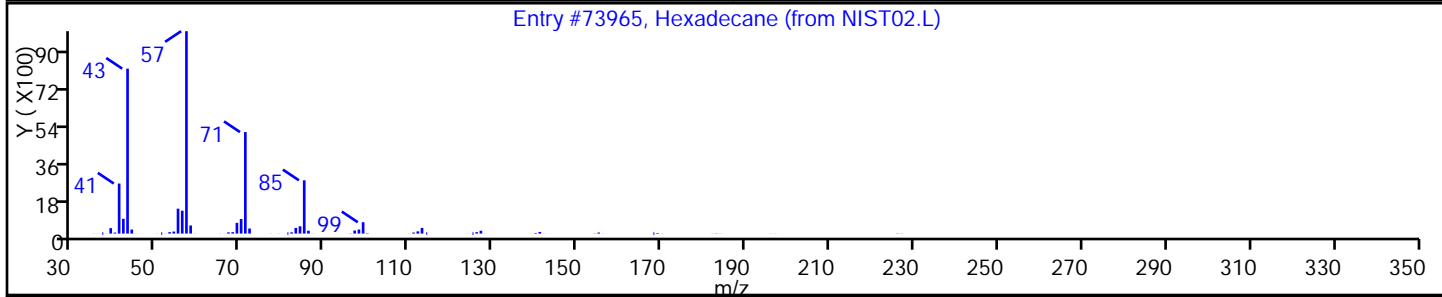
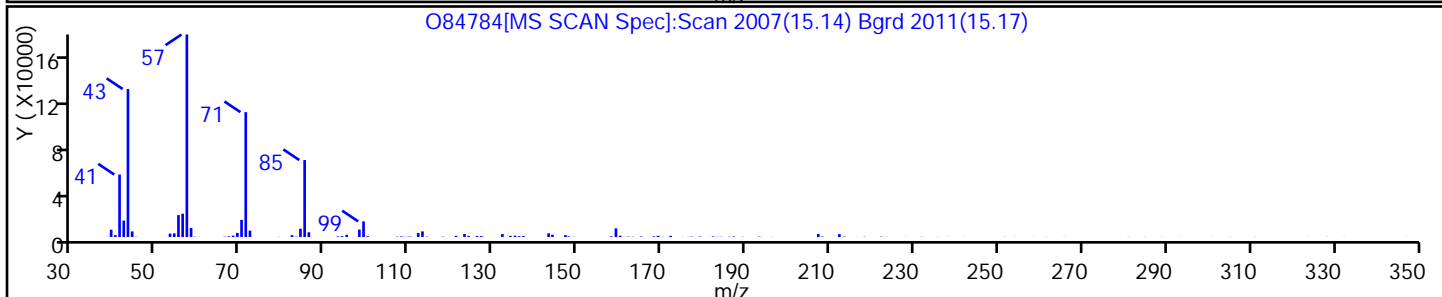
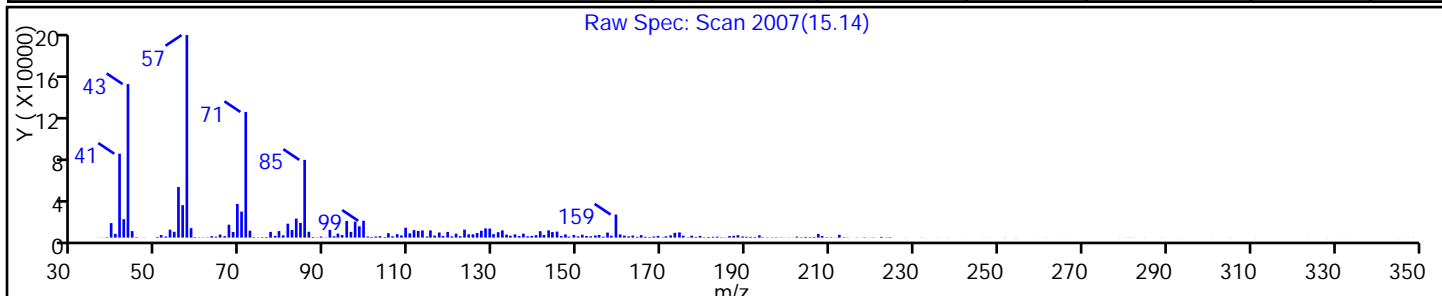
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	86
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	83
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	78



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-212001/3	O84661.D
Level 2	STD5 460-212001/4	O84662.D
Level 3	STD20 460-212001/5	O84663.D
Level 4	STD50 460-212001/6	O84664.D
Level 5	STD200 460-212001/7	O84665.D
Level 6	STD500 460-212001/10	O84668.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	0.3830 0.3834	0.3995	0.4055	0.4392	0.3889	Ave		0.3999			5.3		15.0				
Chloromethane	0.4707 0.3884	0.3483	0.3390	0.3704	0.3978	Ave		0.3858		0.1000	12.0		15.0				
Butadiene	0.4620 0.3953	0.3925	0.4129	0.4383	0.4155	Ave		0.4194			6.3		15.0				
Vinyl chloride	0.4785 0.4459	0.4357	0.4420	0.4705	0.4647	Ave		0.4562			3.8		15.0				
Bromomethane	0.2393 0.1653	0.1839	0.1639	0.1698	0.1662	QuaF		0.1671	0				1.0000			0.9900	
Chloroethane	0.2244 0.1927	0.1999	0.1798	0.1903	0.1867	Ave		0.1956		0.1000	8.0		15.0				
Dichlorofluoromethane	0.5758 0.5044	0.5211	0.5037	0.5228	0.5154	Ave		0.5239			5.1		15.0				
Trichlorofluoromethane	0.4383 0.4258	0.3771	0.4033	0.4334	0.4258	Ave		0.4173			5.5		15.0				
n-Pentane	0.0823 0.0588	0.0530	0.0546	0.0579	0.0599	QuaF		0.0602	0				1.0000			0.9900	
Ethanol	0.0661 0.0607	0.0452	0.0611	0.0497	0.0647	Ave		0.0579			15.0		15.0				
Ethyl ether	0.3462 0.2394	0.2533	0.2268	0.2355	0.2506	QuaF		0.2545	0				1.0000			0.9900	
Isopropene	0.5699 0.4007	0.4043	0.4234	0.4429	0.4549	Ave		0.4493			14.0		15.0				
Acrolein	1.0350 0.9467	0.8108	0.8079	0.8098	0.9109	Ave		0.8868			11.0		15.0				
1,1-Dichloroethene	0.2770 0.2780	0.2238	0.2365	0.2463	0.2757	Ave		0.2562			9.3		15.0				
Freon TF	0.2603 0.3043	0.2382	0.2540	0.2664	0.2939	Ave		0.2695			9.3		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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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								
Acetone	7.8444 3.3266	3.4570	2.8066	2.9717	3.8280	QuaF		3.9798	0					0.9990		0.9900	
Iodomethane	0.2992 0.3186	0.2143	0.2314	0.2663	0.3174	QuaF		0.3076	0					1.0000		0.9900	
Carbon disulfide	1.1015 0.7676	0.8744	0.9015	0.9349	0.9146	Ave		0.9157			12.0		15.0				
Isopropanol	0.4851 0.6765	1.0678	0.5984	0.5788	0.6993	QuaF		0.6944	0					0.9990		0.9900	
Allyl chloride	0.2144 0.2159	0.1678	0.1831	0.1982	0.2149	Ave		0.1990			10.0		15.0				
Methyl acetate	9.8905 5.7770	9.6148	8.3381	7.9964	8.0981	QuaF		9.4466	-0.001					0.9990		0.9900	
Acetonitrile	1.1212 1.0855	0.9790	0.9166	0.9726	1.2619	Ave		1.0561			12.0		15.0				
Cyclopentene	0.9441 0.7173	0.7750	0.7994	0.8376	0.8207	Ave		0.8157			9.3		15.0				
Methylene Chloride	0.5014 0.2969	0.3190	0.2806	0.2871	0.3091	QuaF		0.3126	0					1.0000		0.9900	
TBA	2.0954 1.2323	1.3710	1.1714	1.1709	1.4084	QuaF		1.4732	0					0.9990		0.9900	
trans-1,2-Dichloroethene	0.3218 0.2779	0.2586	0.2655	0.2783	0.2941	Ave		0.2827			8.0		15.0				
Acrylonitrile	0.1235 0.0847	0.0977	0.1031	0.1076	0.1087	Ave		0.1042			12.0		15.0				
MTBE	0.8924 0.6330	0.7937	0.7564	0.7888	0.7887	Ave		0.7755			11.0		15.0				
Hexane	0.7234 0.3793	0.3965	0.3612	0.3879	0.4162	QuaF		0.4325	0					1.0000		0.9900	
1,1-Dichloroethane	0.6053 0.5681	0.5102	0.5225	0.5347	0.5981	Ave		0.5565		0.1000	7.2		15.0				
Vinyl acetate	1.0389 0.4832	0.7941	0.7343	0.7506	0.6607	QuaF		0.7785	0					1.0000		0.9900	
DIPE	1.3893 0.7561	1.0616	1.0227	1.0339	1.0008	QuaF		1.1487	-0.001					1.0000		0.9900	
2-Chloro-1,3-butadiene	0.2993 0.2651	0.2406	0.2567	0.2708	0.2888	Ave		0.2702			7.9		15.0				
Allyl alcohol	0.4177 0.2157	0.1877	0.2110	0.1885	0.2419	QuaF		0.2491	0					0.9990		0.9900	
Tert-butyl ethyl ether	1.1006 0.7286	0.8787	0.8627	0.8710	0.8936	Ave		0.8892			13.0		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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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								
2,2-Dichloropropane	0.6969 0.4373	0.4455	0.4130	0.4294	0.4626	QuaF		0.4716	0					1.0000			0.9900
cis-1,2-Dichloroethene	0.4027 0.3399	0.3162	0.3082	0.3214	0.3520	Ave		0.3401			10.0		15.0				
2-Butanone	1.5891 1.3241	1.2569	1.1684	1.2112	1.4996	Ave		1.3416			13.0		15.0				
Ethyl acetate	0.2811 0.3191	0.2692	0.3085	0.3327	0.3648	Ave		0.3126			11.0		15.0				
Propionitrile	1.3917 1.4737	1.3574	1.3182	1.3702	1.6221	Ave		1.4222			7.8		15.0				
Methyl acrylate	0.3988 0.3705	0.3364	0.3253	0.3463	0.3904	Ave		0.3613			8.3		15.0				
Bromochloromethane	0.1420 0.1357	0.1283	0.1241	0.1297	0.1401	Ave		0.1333			5.3		15.0				
Methacrylonitrile	0.1288 0.0863	0.1187	0.1156	0.1205	0.1149	Ave		0.1141			13.0		15.0				
Tetrahydrofuran	1.7554 1.2672	1.1394	1.1725	1.2306	1.4276	QuaF		1.4880	0					0.9990			0.9900
Chloroform	0.6064 0.4809	0.4759	0.4662	0.4960	0.5252	Ave		0.5084			10.0		15.0				
1,1,1-Trichloroethane	0.4344 0.4469	0.3993	0.4099	0.4382	0.4727	Ave		0.4336			6.1		15.0				
Cyclohexane	0.7314 0.5968	0.5999	0.6033	0.6454	0.6893	Ave		0.6444			8.6		15.0				
Carbon tetrachloride	0.4197 0.3969	0.3285	0.3578	0.3788	0.4183	Ave		0.3833			9.3		15.0				
1,1-Dichloropropene	0.4773 0.4091	0.4009	0.4032	0.4281	0.4518	Ave		0.4284			7.2		15.0				
Benzene	2.1516 ++++	1.8142	1.7888	1.8203	1.6108	Ave		1.8372			11.0		15.0				
Isobutyl alcohol	0.6129 0.5719	0.5145	0.4559	0.4969	0.6466	Ave		0.5498			13.0		15.0				
1,2-Dichloroethane	0.3734 0.3531	0.3236	0.3222	0.3342	0.3667	Ave		0.3455			6.4		15.0				
Isopropyl acetate	1.0095 0.7074	0.8429	0.8172	0.8447	0.9157	Ave		0.8562			12.0		15.0				
Tert-amyl methyl ether	0.8570 0.6921	0.8064	0.7822	0.8021	0.8423	Ave		0.7970			7.3		15.0				
n-Heptane	2.1700 0.3462	0.6404	0.4030	0.3681	0.3775	QuaF		0.3955	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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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								
2,4,4-Trimethyl-1-pentene	1.0563 ++++	0.9255	0.9868	1.0089	0.8363	Ave		0.9628			8.8		15.0				
Trichloroethene	0.3569 ++++	0.3055	0.2947	0.3105	0.3417	Ave		0.3219			8.2		15.0				
n-Butanol	0.4971 0.3738	0.3398	0.3099	0.3189	0.4099	QuaF		0.4161	0					0.9990		0.9900	
Ethyl acrylate	1.0239 0.7172	0.8192	0.8570	0.9177	0.9296	Ave		0.8774			12.0		15.0				
Methylcyclohexane	0.7105 0.5811	0.5744	0.5967	0.6385	0.6652	Ave		0.6277			8.5		15.0				
1,2-Dichloropropane	0.3949 0.3469	0.3226	0.3151	0.3346	0.3655	Ave		0.3466			8.6		15.0				
Dibromomethane	0.1730 0.1692	0.1521	0.1500	0.1585	0.1745	Ave		0.1629			6.6		15.0				
Methyl methacrylate	0.2797 0.2562	0.2634	0.2576	0.2668	0.2923	Ave		0.2693			5.2		15.0				
1,4-Dioxane	1.0434 1.2082	1.5397	0.7474	1.2239	1.2700	QuaF		1.2880	0					1.0000		0.9900	
Propyl acetate	0.5233 0.4711	0.4570	0.4540	0.4869	0.5327	Ave		0.4875			6.9		15.0				
Bromodichloromethane	0.3977 0.3942	0.3593	0.3577	0.3765	0.4173	Ave		0.3838			6.1		15.0				
2-Nitropropane	0.0868 0.0731	0.0695	0.0599	0.0634	0.0731	Ave		0.0710			13.0		15.0				
2-Chloroethyl vinyl ether	0.1507 0.1487	0.0984	0.0994	0.1010	0.1225	QuaF		0.1038	0.0001					1.0000		0.9900	
Epichlorohydrin	0.0411 0.0388	0.0392	0.0371	0.0405	0.0440	Ave		0.0401			6.0		15.0				
cis-1,3-Dichloropropene	0.8317 0.6358	0.6768	0.6705	0.7088	0.7446	Ave		0.7114			9.8		15.0				
4-Methyl-2-pentanone	0.5069 ++++	0.4751	0.4391	0.4598	0.4023	Ave		0.4566			8.6		15.0				
Toluene	2.3929 ++++	1.8932	1.8651	1.9051	1.6606	Ave		1.9434			14.0		15.0				
trans-1,3-Dichloropropene	0.6699 0.5619	0.5394	0.5555	0.5752	0.6249	Ave		0.5878			8.4		15.0				
Ethyl methacrylate	0.7044 0.5600	0.5962	0.5681	0.5947	0.6452	Ave		0.6114			8.9		15.0				
1,1,2-Trichloroethane	0.3649 0.3135	0.2939	0.2947	0.3059	0.3366	Ave		0.3182			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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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								
Tetrachloroethene	0.4199 0.4152	0.3545	0.3791	0.3957	0.4324	Ave		0.3995			7.3		15.0				
1,3-Dichloropropane	0.7875 0.5956	0.6499	0.6239	0.6453	0.6860	Ave		0.6647			10.0		15.0				
2-Hexanone	0.4005 ++++	0.3364	0.3231	0.3482	0.3254	Ave		0.3467			9.1		15.0				
Dibromochloromethane	0.4155 0.3983	0.3492	0.3481	0.3693	0.4216	Ave		0.3837			8.5		15.0				
1,2-Dibromoethane	0.4563 0.3381	0.3454	0.3283	0.3431	0.3749	Ave		0.3644			13.0		15.0				
Butyl acetate	1.0351 0.6019	0.6762	0.6334	0.6354	0.6924	QuaF		0.7360	0					1.0000		0.9900	
Chlorobenzene	1.3799 0.9159	1.1749	1.1243	1.1550	1.1604	Ave		1.1517		0.3000	13.0		15.0				
1,1,1,2-Tetrachloroethane	0.4521 0.4056	0.3691	0.3575	0.3820	0.4221	Ave		0.3980			8.9		15.0				
Ethylbenzene	0.7979 0.6276	0.6464	0.6419	0.6764	0.7147	Ave		0.6841			9.3		15.0				
m&p-Xylene	0.8988 0.7513	0.7691	0.7757	0.8221	0.8686	Ave		0.8143			7.3		15.0				
o-Xylene	0.9151 0.7442	0.7698	0.7657	0.7876	0.8400	Ave		0.8037			7.9		15.0				
Styrene	1.6140 1.0038	1.3217	1.3156	1.3661	1.3367	Ave		1.3263			15.0		15.0				
Butyl acrylate	0.4722 0.3526	0.3429	0.3270	0.3493	0.3867	Ave		0.3718			14.0		15.0				
Bromoform	0.2540 0.2574	0.1938	0.2040	0.2231	0.2672	Ave		0.2333		0.1000	13.0		15.0				
Amly acetate	2.5256 1.5350	1.6881	1.5756	1.6487	1.7997	QuaF		1.9283	-0.001					1.0000		0.9900	
Isopropylbenzene	2.3163 ++++	2.0347	2.0087	2.0878	1.8587	Ave		2.0612			8.1		15.0				
Camphene, Total	0.2243 0.2214	0.1890	0.1943	0.2078	0.2379	Ave		0.2125			8.9		15.0				
Monobromobenzene	1.0852 0.9254	0.8829	0.8432	0.8861	0.9722	Ave		0.9325			9.3		15.0				
1,1,2,2-Tetrachloroethane	1.2613 1.0440	1.0204	0.9671	1.0370	1.1435	Ave		1.0789		0.3000	9.8		15.0				
1,2,3-Trichloropropane	0.4929 0.2987	0.2764	0.2671	0.2831	0.3197	QuaF		0.3256	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.: 460-72180-1

Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41

Calibration End Date: 03/12/2014 05:56

Calibration ID: 36232

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	0.3389 0.3571	0.2923	0.2706	0.2948	0.3636	Ave		0.3195			12.0		15.0				
N-Propylbenzene	6.2747 ++++	5.4436	5.2264	5.3599	4.4033	Ave		5.3416			12.0		15.0				
2-Chlorotoluene	3.8095 2.4064	3.1101	2.9753	3.1066	3.0509	Ave		3.0765			15.0		15.0				
p-Ethyltoluene	5.0071 ++++	4.1436	4.1349	4.2474	3.8447	Ave		4.2755			10.0		15.0				
4-Chlorotoluene	3.9315 2.4139	3.2348	3.0992	3.2329	3.0998	Ave		3.1687			15.0		15.0				
1,3,5-Trimethylbenzene	4.4924 ++++	3.5664	3.4488	3.6130	3.3587	Ave		3.6959			12.0		15.0				
Butyl Methacrylate	1.5522 1.1871	1.2175	1.1912	1.2177	1.3482	Ave		1.2857			11.0		15.0				
tert-Butylbenzene	3.5340 2.4011	2.9713	2.8883	3.0918	3.0384	Ave		2.9875			12.0		15.0				
1,2,4-Trimethylbenzene	4.4831 ++++	3.6604	3.5430	3.6952	3.4063	Ave		3.7576			11.0		15.0				
sec-Butylbenzene	5.3704 ++++	4.7525	4.6450	4.8520	4.1901	Ave		4.7620			8.9		15.0				
1,3-Dichlorobenzene	2.2037 1.6557	1.8117	1.7110	1.8017	1.9116	Ave		1.8492			11.0		15.0				
1,4-Dichlorobenzene	2.2694 1.6355	1.7983	1.7041	1.7910	1.8913	Ave		1.8483			12.0		15.0				
p-Isopropyltoluene	4.4378 2.7440	3.8998	3.8499	4.0435	3.6784	Ave		3.7756			15.0		15.0				
Benzyl chloride	2.1627 1.7805	1.7752	1.6771	1.7979	1.9891	Ave		1.8637			9.6		15.0				
Indan	3.9404 ++++	3.3807	3.2576	3.3278	3.1202	Ave		3.4053			9.2		15.0				
1,2-Dichlorobenzene	2.0571 1.4791	1.7079	1.6010	1.6643	1.7689	Ave		1.7130			11.0		15.0				
1,4-Diethylbenzene	2.5579 1.9138	2.2924	2.2575	2.3713	2.3799	Ave		2.2955			9.3		15.0				
n-Butylbenzene	5.5531 ++++	4.6924	4.6500	4.8075	4.0851	Ave		4.7576			11.0		15.0				
1,2-Dibromo-3-Chloropropane	0.2516 0.2119	0.1895	0.1812	0.1991	0.2309	Ave		0.2107			13.0		15.0				
1,2,4,5-Tetramethylbenzene	4.4055 1.9287	3.5572	3.4425	3.4704	2.8515	QuaF		3.4893	-0.003					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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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								
1,3,5-Trichlorobenzene	1.5490 1.1138	1.2127	1.1961	1.2591	1.3300	Ave		1.2768			12.0		15.0				
Camphor	0.1754 0.1099	0.1088	0.1063	0.1216	0.1282	QuaF		0.1374	0					1.0000		0.9900	
1,2,4-Trichlorobenzene	1.3854 1.0576	1.1598	1.1270	1.1727	1.2357	Ave		1.1897			9.4		15.0				
Hexachlorobutadiene	0.7699 0.7225	0.6346	0.6040	0.6672	0.7383	Ave		0.6894			9.3		15.0				
Naphthalene	4.1271 1.6011	3.1281	2.8988	3.0051	2.3897	QuaF		2.9468	-0.003					1.0000		0.9900	
1,2,3-Trichlorobenzene	1.3536 0.9556	1.0398	0.9944	1.0708	1.1275	Ave		1.0903			13.0		15.0				
Dibromofluoromethane (Surr)	0.2120 0.2130	0.1881	0.1890	0.1951	0.2157	Ave		0.2021			6.3		15.0				
1,2-Dichloroethane-d4 (Surr)	0.2164 0.2234	0.1922	0.1991	0.2035	0.2273	Ave		0.2103			6.7		15.0				
Toluene-d8 (Surr)	1.4068 1.3247	1.2295	1.2380	1.2772	1.3913	Ave		1.3112			5.8		15.0				
Bromofluorobenzene	0.3697 0.3606	0.3293	0.3310	0.3448	0.3799	Ave		0.3526			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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41

Calibration End Date: 03/12/2014 05:56

Calibration ID: 36232

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-212001/3	O84661.D
Level 2	STD5 460-212001/4	O84662.D
Level 3	STD20 460-212001/5	O84663.D
Level 4	STD50 460-212001/6	O84664.D
Level 5	STD200 460-212001/7	O84665.D
Level 6	STD500 460-212001/10	O84668.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	Ave	7701 3279759	46972	194345	519457	1700779	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9465 3322089	40955	162494	438096	1739667	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	9290 3381736	46153	197886	518309	1817039	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	9622 3814425	51238	211850	556389	2032585	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	4812 1414391	21624	78561	200772	726733	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	4513 1648634	23500	86172	225080	816482	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11577 4314650	61280	241421	618226	2254255	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	8813 3642213	44344	193293	512587	1862363	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	QuaF	3308 1005549	12458	52369	136981	524342	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	Ave	1851 832070	7816	43430	93533	425327	50.0 25000	250	1000	2500	10000
Ethyl ether	FB	QuaF	6961 2048001	29790	108696	278559	1095853	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	11459 3427939	47542	202957	523765	1989319	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	57926 311555	112221	172225	243688	299544	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	5570 2378184	26311	113332	291343	1205786	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	5235 2602771	28010	121747	315035	1285245	1.00 500	5.00	20.0	50.0	200
Acetone	TBA	QuaF	21952 4561737	59809	199439	558937	2517641	5.00 2500	25.0	100	250	1000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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
Iodomethane	FB	QuaF	6017 2725404	25203	110899	314925	1388263	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	22148 6566092	102817	432075	1105653	4000046	1.00 500	5.00	20.0	50.0	200
Isopropanol	TBA	QuaF	2715 1855434	36949	85047	217738	919883	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	4311 1846969	19726	87746	234428	939894	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBA	QuaF	27678 7921976	166346	592516	1504003	5325965	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	6275 2977122	33877	130272	365867	1659825	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	18984 6135970	91127	383146	990583	3589240	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	QuaF	10082 2539563	37506	134479	339561	1351936	1.00 500	5.00	20.0	50.0	200
TBA	TBA	QuaF	11728 3379603	47438	166477	440441	1852550	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	6470 2376861	30410	127239	329129	1286056	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	24832 7244690	114829	493988	1271963	4755859	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	17945 5414932	93333	362533	932906	3449458	1.00 500	5.00	20.0	50.0	200
Hexane	FB	QuaF	14545 3244885	46621	173129	458688	1820175	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	12172 4859809	59998	250419	632404	2615813	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	QuaF	41779 8266686	186750	703865	1775437	5779187	2.00 1000	10.0	40.0	100	400
DIPE	FB	QuaF	27936 6468280	124826	490200	1222770	4376931	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	6018 2267650	28297	123057	320213	1263118	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	TBA	QuaF	5845 1479149	16239	74976	177292	795567	25.0 12500	125	500	1250	5000
Tert-butyl ethyl ether	FB	Ave	22131 6232290	103319	413474	1030043	3908128	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	QuaF	14013 3741222	52380	197962	507841	2023050	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8097 2907883	37187	147744	380137	1539568	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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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
2-Butanone	TBA	Ave	4447 1815761	21746	83030	227806	986292	5.00 2500	25.0	100	250	1000
Ethyl acetate	FB	Ave	11303 5459880	63304	295735	786854	3190765	2.00 1000	10.0	40.0	100	400
Propionitrile	TBA	Ave	7789 4041804	46969	187347	515423	2133643	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	8019 3169771	39558	155921	409548	1707492	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2856 1160597	15082	59499	153390	612834	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	25893 7384616	139557	554184	1425365	5023659	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	TBA	QuaF	1965 695103	7885	33328	92586	375576	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	12194 4113897	55963	223450	586615	2296928	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8735 3822997	46955	196488	518249	2067150	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	14707 5104923	70545	289187	763288	3014850	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	8439 3395345	38627	171478	447937	1829417	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	9597 3499222	47138	193275	506265	1975996	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	29847 ++++	147780	594309	1497153	4931458	1.00 ++++	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	8576 3920881	44509	161987	467316	2126198	25.0 12500	125	500	1250	5000
1,2-Dichloroethane	FB	Ave	7509 3020249	38057	154449	395187	1603783	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	20298 6051521	99117	391693	998943	4004912	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	17233 5920568	94821	374891	948582	3683980	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	QuaF	43634 2961865	75299	193153	435298	1650972	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	42479 ++++	217646	945906	2386446	7315398	2.00 ++++	10.0	40.0	100	400
Trichloroethene	FB	Ave	7177 ++++	35923	141240	367162	1494512	1.00 ++++	5.00	20.0	50.0	200
n-Butanol	TBA	QuaF	6955 2562798	29392	110122	299899	1347924	25.0 12500	125	500	1250	5000

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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	Ave	20588 6135248	96322	410744	1085306	4065516	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	14287 4971185	67538	286003	755162	2909323	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	7941 2967506	37932	151005	395661	1598695	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3478 1447399	17885	71905	187474	763174	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	11250 4382834	61939	246967	631015	2557133	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	QuaF	1145 732610	10559	21241	85256	344365	20.0 10000	100	400	1000	4000
Propyl acetate	FB	Ave	10522 4030275	53734	217615	575863	2329635	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	7997 3372299	42248	171446	445236	1825154	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	3492 1250241	16334	57440	150010	639815	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	3031 1271845	11574	47639	119501	535846	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	11400 4831191	63782	246423	666282	2697196	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	11537 3961261	55130	222746	583017	2279602	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	35158 ++++	193498	729433	1890826	6157741	5.00 ++++	25.0	100	250	1000
Toluene	CBZ	Ave	33193 ++++	154209	619631	1566889	5084089	1.00 ++++	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	9292 3500661	43934	184541	473133	1913003	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	9771 3488669	48567	188741	489137	1975410	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	5062 1953041	23937	97898	251590	1030520	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	5825 2586828	28873	125932	325450	1323928	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	10924 3710592	52935	207291	530722	2100232	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	27778 ++++	136997	536745	1431978	4981173	5.00 ++++	25.0	100	250	1000
Dibromochloromethane	CBZ	Ave	5763 2481595	28442	115664	303753	1290590	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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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-Dibromoethane	CBZ	Ave	6330 2106719	28135	109060	282186	1147718	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	QuaF	14358 3750190	55082	210432	522574	2119781	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	19142 5706171	95702	373542	949947	3552582	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	6271 2526823	30064	118759	314163	1292216	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	11068 3910241	52655	213244	556305	2188132	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	12468 4680921	62648	257704	676154	2659289	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	12694 4636529	62708	254377	647813	2571660	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	22389 6253750	107657	437095	1123643	4092233	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	6550 2197033	27928	108633	287291	1184004	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3524 1603657	15789	67787	183497	817968	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	QuaF	16565 4525414	65205	254982	657526	2686586	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	32131 ++++	165736	667357	1717167	5690569	1.00 ++++	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	3112 1379574	15396	64554	170890	728300	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	7118 2728169	34103	136447	353376	1451274	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	8273 3077980	39415	156507	413560	1706954	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	QuaF	3233 880741	10675	43225	112894	477187	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2223 1052700	11290	43795	117552	542733	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	41155 ++++	210259	845779	2137588	6573193	1.00 ++++	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	24986 7094688	120128	481491	1238932	4554280	1.00 500	5.00	20.0	50.0	200
p-Ethyltoluene	DCB	Ave	32841 ++++	160048	669144	1693918	5739289	1.00 ++++	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	25786 7116824	124946	501538	1289313	4627275	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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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
1,3,5-Trimethylbenzene	DCB	Ave	29465 ++++	137754	558109	1440906	5013747	1.00 ++++	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	10181 3499934	47025	192772	485624	2012591	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	23179 7079077	114768	467415	1233022	4535673	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	29404 ++++	141384	573359	1473682	5084810	1.00 ++++	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	35224 ++++	183568	751689	1935002	6254849	1.00 ++++	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	14454 4881293	69978	276896	718535	2853614	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	14885 4821851	69461	275766	714281	2823275	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	29107 8089821	150629	623027	1612595	5490977	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	14185 5249277	68567	271398	717003	2969332	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	25845 ++++	130581	527176	1327141	4657748	1.00 ++++	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	13492 4360648	65969	259082	663718	2640622	1.00 500	5.00	20.0	50.0	200
1,4-Diethylbenzene	DCB	Ave	16777 5642369	88545	365321	945679	3552694	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	36422 ++++	181244	752496	1917271	6098085	1.00 ++++	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1650 624647	7320	29324	79390	344733	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	QuaF	28895 5686082	137397	557101	1384025	4256646	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	10160 3283660	46841	193563	502134	1985387	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	5751 1619447	21005	85972	242424	956801	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	9087 3118144	44798	182382	467680	1844560	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	5050 2130176	24511	97749	266102	1102189	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	27069 4720377	120823	469109	1198463	3567247	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	8878 2817302	40161	160918	427029	1683112	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.: 460-72180-1 Analy Batch No.: 212001

SDG No.: _____

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/12/2014 02:41 Calibration End Date: 03/12/2014 05:56 Calibration ID: 36232

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
Dibromofluoromethane (Surr)	FB	Ave	213134 182193	221218	226447	230780	235804	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	217584 191110	225957	238541	240619	248506	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	975712 825309	1001489	1028274	1050460	1064899	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	256445 224684	268214	274915	283556	290796	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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								
1,4-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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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
1,4-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.: 460-72180-1 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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212288/3 Calibration Date: 03/13/2014 06:43
 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: A00518.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	0.2523		35.2	40.0	-12.1	50.0
Chlorotrifluoroethene	Ave	0.1070	0.1131		21.1	20.0	5.7	50.0
Dichlorodifluoromethane	Ave	0.5556	0.6225		22.4	20.0	12.0	50.0
Chloromethane	Ave	0.6329	0.6715	0.1000	21.2	20.0	6.1	50.0
Vinyl chloride	Ave	0.5850	0.6535		22.3	20.0	11.7	20.0
Butadiene	Ave	0.5031	0.5821		23.1	20.0	15.7	50.0
Bromomethane	QuaF		0.3559		22.5	20.0	12.4	50.0
Chloroethane	Ave	0.3304	0.3576		21.6	20.0	8.2	50.0
Dichlorofluoromethane	Ave	0.7819	0.8714		22.3	20.0	11.4	50.0
Trichlorofluoromethane	Ave	0.5257	0.6187		23.5	20.0	17.7	50.0
Acrolein	Ave	1.564	1.166		29.8	40.0	-25.5	50.0
n-Pentane	QuaF		0.0742		47.2	40.0	17.9	50.0
Ethanol	QuaF		0.0376		1190	1000	19.5	50.0
Ethyl ether	QuaF		0.3086		22.3	20.0	11.6	50.0
Isopropene	Ave	1.006	1.004		20.0	20.0	-0.2	50.0
1,2-Dichlorotrifluoroethane	Ave	0.2962	0.2862		19.3	20.0	-3.4	50.0
2-Chloropropane	QuaF		0.1473		20.7	20.0	3.6	50.0
Freon TF	Ave	0.3050	0.3615		23.7	20.0	18.5	50.0
1,1-Dichloroethene	Ave	0.3333	0.3367		20.2	20.0	1.0	20.0
Acetone	QuaF		0.1114		98.4	100	-1.6	50.0
Iodomethane	Ave	23.85	24.51		20.5	20.0	2.7	50.0
Carbon disulfide	Ave	1.265	1.167		18.5	20.0	-7.7	50.0
Isopropanol	QuaF		0.5205		213	200	6.7	50.0
Allyl chloride	Ave	0.2262	0.2116		18.7	20.0	-6.4	50.0
Cyclopentene	Ave	1.037	0.9714		18.7	20.0	-6.3	50.0
Methyl acetate	Ave	0.2525	0.2576		102	100	2.0	50.0
Acetonitrile	Ave	3.056	3.359		220	200	9.9	50.0
1-Chloropropane	QuaF		0.0268		39.8	40.0	-0.6	50.0
Methylene Chloride	Ave	0.3948	0.3835		19.4	20.0	-2.9	50.0
TBA	QuaF		0.9405		178	200	-11.1	50.0
MTBE	Ave	1.065	1.025		19.3	20.0	-3.7	50.0
trans-1,2-Dichloroethene	Ave	0.3638	0.3543		19.5	20.0	-2.6	50.0
Acrylonitrile	Ave	0.1269	0.1283		202	200	1.1	50.0
Hexane	QuaF		0.3590		23.0	20.0	15.1	50.0
DIPE	Ave	1.201	1.200		20.0	20.0	-0.0	50.0
1,1-Dichloroethane	Ave	0.6648	0.6671	0.1000	20.1	20.0	0.3	50.0
Allyl alcohol	QuaF		0.1085		432	500	-13.6	50.0
Vinyl acetate	Ave	0.8589	0.8851		41.2	40.0	3.1	50.0
2-Chloro-1,3-butadiene	Ave	0.3160	0.2923		18.5	20.0	-7.5	50.0
Tert-butyl ethyl ether	Ave	1.108	1.064		19.2	20.0	-3.9	50.0
2,2-Dichloropropane	Ave	0.5288	0.5252		19.9	20.0	-0.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212288/3 Calibration Date: 03/13/2014 06:43
 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: A00518.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	0.3864		19.5	20.0	-2.3	50.0
Ethyl acetate	QuaF		0.0254		42.7	40.0	6.8	50.0
2-Butanone	Ave	1.576	1.416		89.8	100	-10.2	50.0
Methyl acrylate	Ave	0.2451	0.2490		20.3	20.0	1.6	50.0
Propionitrile	QuaF		0.0380		221	200	10.3	50.0
Bromochloromethane	Ave	0.1787	0.1723		19.3	20.0	-3.6	50.0
Tetrahydrofuran	QuaF		5.218		44.5	40.0	11.3	50.0
Methacrylonitrile	Ave	0.1212	0.1229		203	200	1.4	50.0
Chloroform	Ave	0.5948	0.5900		19.8	20.0	-0.8	20.0
Cyclohexane	QuaF		0.7261		22.7	20.0	13.3	50.0
1,1,1-Trichloroethane	Ave	0.4976	0.4865		19.6	20.0	-2.2	50.0
Carbon tetrachloride	Ave	0.3861	0.3892		20.2	20.0	0.8	50.0
1,1-Dichloropropene	Ave	0.4251	0.4458		21.0	20.0	4.9	50.0
Isobutyl alcohol	Ave	0.7806	0.7989		512	500	2.3	50.0
Benzene	Ave	2.198	2.204		20.1	20.0	0.3	50.0
Isopropyl acetate	Ave	0.9186	0.8977		19.5	20.0	-2.3	50.0
Tert-amyl methyl ether	Ave	1.012	0.9652		19.1	20.0	-4.6	50.0
1,2-Dichloroethane	Ave	0.4125	0.4148		20.1	20.0	0.6	50.0
n-Heptane	QuaF		0.3048		22.2	20.0	10.8	50.0
2,4,4-Trimethyl-1-pentene	QuaF		0.9440		36.7	40.0	-8.2	50.0
n-Butanol	QuaF		0.1562		343	500	-31.4	50.0
Trichloroethene	Ave	0.3273	0.3236		19.8	20.0	-1.1	50.0
Ethyl acrylate	QuaF		0.8569		21.7	20.0	8.3	50.0
Methylcyclohexane	QuaF		0.6694		21.9	20.0	9.3	50.0
1,2-Dichloropropane	Ave	0.3696	0.3469		18.8	20.0	-6.1	20.0
Methyl methacrylate	Ave	0.0721	0.0688		38.2	40.0	-4.6	50.0
Propyl acetate	Ave	0.3654	0.3621		19.8	20.0	-0.9	50.0
1,4-Dioxane	QuaF		0.6525		306	400	-23.4	50.0
Dibromomethane	Ave	0.1839	0.1768		19.2	20.0	-3.9	50.0
Bromodichloromethane	Ave	0.4342	0.3839		17.7	20.0	-11.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1527	0.1320		17.3	20.0	-13.6	50.0
2-Nitropropane	QuaF		0.0551		38.6	40.0	-3.5	50.0
Epichlorohydrin	Ave	0.0352	0.0321		364	400	-8.9	50.0
cis-1,3-Dichloropropene	Ave	0.7820	0.7117		18.2	20.0	-9.0	50.0
4-Methyl-2-pentanone	Ave	0.4738	0.4516		95.3	100	-4.7	50.0
Toluene	Ave	2.105	2.103		20.0	20.0	-0.0	20.0
trans-1,3-Dichloropropene	Ave	0.6315	0.5429		17.2	20.0	-14.0	50.0
Ethyl methacrylate	Ave	0.4198	0.3809		18.1	20.0	-9.3	50.0
1,1,2-Trichloroethane	Ave	0.3498	0.3288		18.8	20.0	-6.0	50.0
Tetrachloroethene	Ave	0.4623	0.4888		21.1	20.0	5.7	50.0
1,3-Dichloropropane	Ave	0.6795	0.6567		19.3	20.0	-3.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212288/3 Calibration Date: 03/13/2014 06:43
 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: A00518.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	0.2578		88.7	100	-11.3	50.0
Butyl acetate	QuaF		0.0934		19.9	20.0	-0.3	50.0
Dibromochloromethane	Ave	0.4251	0.3614		17.0	20.0	-15.0	50.0
1,2-Dibromoethane	Ave	0.3687	0.3528		19.1	20.0	-4.3	50.0
Chlorobenzene	Ave	1.302	1.263	0.3000	19.4	20.0	-3.0	50.0
Ethylbenzene	Ave	0.7589	0.7536		19.9	20.0	-0.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5226	0.4637		17.7	20.0	-11.3	50.0
m&p-Xylene	Ave	0.9283	0.9380		20.2	20.0	1.0	50.0
Butyl acrylate	Ave	0.3722	0.3533		19.0	20.0	-5.1	50.0
o-Xylene	Ave	0.9677	0.9524		19.7	20.0	-1.6	50.0
Styrene	Ave	1.593	1.537		19.3	20.0	-3.5	50.0
Amly acetate	Ave	1.536	1.456		19.0	20.0	-5.2	50.0
Bromoform	Ave	0.2963	0.2321	0.1000	15.7	20.0	-21.7	50.0
Isopropylbenzene	QuaF		2.580		17.1	20.0	-14.3	50.0
Camphene, Total	Ave	0.2014	0.1921		19.1	20.0	-4.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.9688	0.9206	0.3000	19.0	20.0	-5.0	50.0
Monobromobenzene	Ave	1.005	0.9387		18.7	20.0	-6.6	50.0
N-Propylbenzene	QuaF		5.268		17.5	20.0	-12.5	50.0
1,2,3-Trichloropropane	Ave	0.2729	0.2544		18.6	20.0	-6.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2826	0.2546		18.0	20.0	-9.9	50.0
p-Ethyltoluene	Ave	4.225	4.153		19.7	20.0	-1.7	50.0
2-Chlorotoluene	Ave	3.590	3.624		20.2	20.0	0.9	50.0
1,3,5-Trimethylbenzene	QuaF		3.674		17.3	20.0	-13.5	50.0
Butyl Methacrylate	Ave	1.392	1.260		18.1	20.0	-9.5	50.0
4-Chlorotoluene	Ave	3.019	3.046		20.2	20.0	0.9	50.0
tert-Butylbenzene	QuaF		2.842		17.0	20.0	-14.9	50.0
1,2,4-Trimethylbenzene	QuaF		3.825		17.6	20.0	-11.8	50.0
sec-Butylbenzene	QuaF		4.713		16.6	20.0	-17.2	50.0
p-Isopropyltoluene	QuaF		4.025		17.0	20.0	-15.0	50.0
1,3-Dichlorobenzene	Ave	2.002	1.972		19.7	20.0	-1.5	50.0
1,4-Dichlorobenzene	Ave	2.044	2.012		19.7	20.0	-1.6	50.0
Benzyl chloride	Ave	1.952	1.632		16.7	20.0	-16.4	50.0
Indan	Ave	1.575	1.552		19.7	20.0	-1.5	50.0
1,4-Diethylbenzene	Ave	2.584	2.549		19.7	20.0	-1.4	50.0
n-Butylbenzene	QuaF		2.357		19.1	20.0	-4.6	50.0
1,2-Dichlorobenzene	Ave	1.970	1.903		19.3	20.0	-3.4	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.544	3.331		18.8	20.0	-6.0	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1161		18.4	20.0	-8.0	50.0
1,3,5-Trichlorobenzene	Ave	1.471	1.396		19.0	20.0	-5.1	50.0
Camphor	QuaF		0.0433		86.1	100	-13.9	50.0
1,2,4-Trichlorobenzene	Ave	1.140	1.045		18.3	20.0	-8.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212288/3 Calibration Date: 03/13/2014 06:43
 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: A00518.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		0.6722		19.2	20.0	-4.1	50.0
Naphthalene	QuaF		1.558		18.0	20.0	-9.9	50.0
1,2,3-Trichlorobenzene	QuaF		0.6440		18.5	20.0	-7.3	50.0
Dibromofluoromethane (Surr)	Ave	0.2717	0.2693		49.6	50.0	-0.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3105	0.3186		51.3	50.0	2.6	50.0
Toluene-d8 (Surr)	Ave	1.621	1.614		49.8	50.0	-0.4	50.0
Bromofluorobenzene	Ave	0.8440	0.8215		48.7	50.0	-2.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212436/2 Calibration Date: 03/13/2014 18:03
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84751.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	Ave	0.3999	0.4686		23.4	20.0	17.2	50.0
Chloromethane	Ave	0.3858	0.4796	0.1000	24.9	20.0	24.3	50.0
Butadiene	Ave	0.4194	0.4405		21.0	20.0	5.0	50.0
Vinyl chloride	Ave	0.4562	0.5025		22.0	20.0	10.1	20.0
Bromomethane	QuaF		0.2122		25.4	20.0	27.0	50.0
Chloroethane	Ave	0.1956	0.2292		23.4	20.0	17.1	50.0
Dichlorofluoromethane	Ave	0.5239	0.6099		23.3	20.0	16.4	50.0
Trichlorofluoromethane	Ave	0.4173	0.4971		23.8	20.0	19.1	50.0
n-Pentane	QuaF		0.0627		41.7	40.0	4.2	50.0
Ethanol	Ave	0.0579	0.0374		646	1000	-35.4	50.0
Ethyl ether	QuaF		0.2372		18.7	20.0	-6.6	50.0
Isopropene	Ave	0.4493	0.4485		20.0	20.0	-0.2	50.0
Acrolein	Ave	0.8868	0.7003		237	300	-21.0	50.0
1,1-Dichloroethene	Ave	0.2562	0.2742		21.4	20.0	7.0	20.0
Freon TF	Ave	0.2695	0.2915		21.6	20.0	8.1	50.0
Acetone	QuaF		3.234		81.7	100	-18.3	50.0
Iodomethane	QuaF		0.2702		17.5	20.0	-12.3	50.0
Carbon disulfide	Ave	0.9157	0.9855		21.5	20.0	7.6	50.0
Isopropanol	QuaF		0.6223		179	200	-10.3	50.0
Allyl chloride	Ave	0.1990	0.2230		22.4	20.0	12.0	50.0
Methyl acetate	QuaF		8.693		93.4	100	-6.6	50.0
Acetonitrile	Ave	1.056	1.170		222	200	10.8	50.0
Cyclopentene	Ave	0.8157	0.8526		20.9	20.0	4.5	50.0
Methylene Chloride	QuaF		0.3282		21.0	20.0	5.2	50.0
TBA	QuaF		1.308		179	200	-10.7	50.0
Acrylonitrile	Ave	0.1042	0.1095		210	200	5.0	50.0
trans-1,2-Dichloroethene	Ave	0.2827	0.2948		20.9	20.0	4.3	50.0
MTBE	Ave	0.7755	0.7790		20.1	20.0	0.4	50.0
Hexane	QuaF		0.3435		15.9	20.0	-20.3	50.0
1,1-Dichloroethane	Ave	0.5565	0.5835	0.1000	21.0	20.0	4.8	50.0
Vinyl acetate	QuaF		0.7436		38.8	40.0	-3.1	50.0
2-Chloro-1,3-butadiene	Ave	0.2702	0.2710		20.1	20.0	0.3	50.0
DIPE	QuaF		1.016		17.9	20.0	-10.4	50.0
Allyl alcohol	QuaF		0.1582		319	500	-36.3	50.0
Tert-butyl ethyl ether	Ave	0.8892	0.8452	0.0100	19.0	20.0	-4.9	50.0
2,2-Dichloropropane	QuaF		0.4377		18.6	20.0	-7.0	50.0
cis-1,2-Dichloroethene	Ave	0.3401	0.3277		19.3	20.0	-3.6	50.0
2-Butanone	Ave	1.342	1.270		94.7	100	-5.3	50.0
Ethyl acetate	Ave	0.3126	0.2792		35.7	40.0	-10.7	50.0
Propionitrile	Ave	1.422	1.399		197	200	-1.6	50.0
Methyl acrylate	Ave	0.3613	0.3214		17.8	20.0	-11.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212436/2 Calibration Date: 03/13/2014 18:03
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84751.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
Bromochloromethane	Ave	0.1333	0.1393		20.9	20.0	4.5	50.0
Methacrylonitrile	Ave	0.1141	0.1179		207	200	3.3	50.0
Tetrahydrofuran	QuaF		1.282		34.6	40.0	-13.4	50.0
Chloroform	Ave	0.5084	0.4988		19.6	20.0	-1.9	20.0
1,1,1-Trichloroethane	Ave	0.4336	0.4262		19.7	20.0	-1.7	50.0
Cyclohexane	Ave	0.6444	0.6107		19.0	20.0	-5.2	50.0
Carbon tetrachloride	Ave	0.3833	0.3532		18.4	20.0	-7.9	50.0
1,1-Dichloropropene	Ave	0.4284	0.4044		18.9	20.0	-5.6	50.0
Benzene	Ave	1.837	1.690		18.4	20.0	-8.0	50.0
Isobutyl alcohol	Ave	0.5498	0.4928		448	500	-10.4	50.0
1,2-Dichloroethane	Ave	0.3455	0.3304		19.1	20.0	-4.4	50.0
Isopropyl acetate	Ave	0.8562	0.8253		19.3	20.0	-3.6	50.0
Tert-amyl methyl ether	Ave	0.7970	0.7985		20.0	20.0	0.2	50.0
n-Heptane	QuaF		0.4047		20.6	20.0	2.8	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.9628	1.020		42.4	40.0	6.0	50.0
Trichloroethene	Ave	0.3219	0.3009		18.7	20.0	-6.5	50.0
n-Butanol	QuaF		0.3147		379	500	-24.2	50.0
Ethyl acrylate	Ave	0.8774	0.8670		19.8	20.0	-1.2	50.0
Methylcyclohexane	Ave	0.6277	0.6187		19.7	20.0	-1.4	50.0
1,2-Dichloropropane	Ave	0.3466	0.3279		18.9	20.0	-5.4	20.0
Dibromomethane	Ave	0.1629	0.1654		20.3	20.0	1.5	50.0
1,4-Dioxane	QuaF		1.457		454	400	13.4	50.0
Methyl methacrylate	Ave	0.2693	0.2539		37.7	40.0	-5.7	50.0
Propyl acetate	Ave	0.4875	0.4696		19.3	20.0	-3.7	50.0
Bromodichloromethane	Ave	0.3838	0.3640		19.0	20.0	-5.2	50.0
2-Nitropropane	Ave	0.0710	0.0586		33.0	40.0	-17.4	50.0
2-Chloroethyl vinyl ether	QuaF		0.1133		21.4	20.0	7.2	50.0
Epichlorohydrin	Ave	0.0401	0.0396		395	400	-1.3	50.0
cis-1,3-Dichloropropene	Ave	0.7114	0.6570		18.5	20.0	-7.6	50.0
4-Methyl-2-pentanone	Ave	0.4566	0.4240		92.9	100	-7.1	50.0
Toluene	Ave	1.943	1.856		19.1	20.0	-4.5	20.0
trans-1,3-Dichloropropene	Ave	0.5878	0.5407		18.4	20.0	-8.0	50.0
Ethyl methacrylate	Ave	0.6114	0.5417		17.7	20.0	-11.4	50.0
1,1,2-Trichloroethane	Ave	0.3182	0.2941		18.5	20.0	-7.6	50.0
Tetrachloroethene	Ave	0.3995	0.3879		19.4	20.0	-2.9	50.0
1,3-Dichloropropane	Ave	0.6647	0.6266		18.9	20.0	-5.7	50.0
2-Hexanone	Ave	0.3467	0.3286		94.8	100	-5.2	50.0
Dibromochloromethane	Ave	0.3837	0.3424		17.8	20.0	-10.8	50.0
1,2-Dibromoethane	Ave	0.3644	0.3379		18.5	20.0	-7.3	50.0
Butyl acetate	QuaF		0.5946		16.3	20.0	-18.7	50.0
Chlorobenzene	Ave	1.152	1.168	0.3000	20.3	20.0	1.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212436/2 Calibration Date: 03/13/2014 18:03
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84751.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
1,1,1,2-Tetrachloroethane	Ave	0.3980	0.3657		18.4	20.0	-8.1	50.0
Ethylbenzene	Ave	0.6841	0.6727		19.7	20.0	-1.7	20.0
m&p-Xylene	Ave	0.8143	0.7950		19.5	20.0	-2.4	50.0
o-Xylene	Ave	0.8037	0.7601		18.9	20.0	-5.4	50.0
Styrene	Ave	1.326	1.335		20.1	20.0	0.7	50.0
Butyl acrylate	Ave	0.3718	0.3482		18.7	20.0	-6.3	50.0
Bromoform	Ave	0.2333	0.2044	0.1000	17.5	20.0	-12.4	50.0
Amly acetate	QuaF		1.584		16.5	20.0	-17.3	50.0
Isopropylbenzene	Ave	2.061	2.117		20.5	20.0	2.7	50.0
Camphene, Total	Ave	0.2125	0.2114		19.9	20.0	-0.5	50.0
Monobromobenzene	Ave	0.9325	0.8850		19.0	20.0	-5.1	50.0
1,1,2,2-Tetrachloroethane	Ave	1.079	1.011	0.3000	18.7	20.0	-6.3	50.0
1,2,3-Trichloropropane	QuaF		0.2719		16.7	20.0	-16.3	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3195	0.2714		17.0	20.0	-15.1	50.0
N-Propylbenzene	Ave	5.342	5.316		19.9	20.0	-0.5	50.0
2-Chlorotoluene	Ave	3.076	3.013		19.6	20.0	-2.1	50.0
p-Ethyltoluene	Ave	4.276	4.332		20.3	20.0	1.3	50.0
4-Chlorotoluene	Ave	3.169	3.164		20.0	20.0	-0.1	50.0
1,3,5-Trimethylbenzene	Ave	3.696	3.573		19.3	20.0	-3.3	50.0
Butyl Methacrylate	Ave	1.286	1.211		18.8	20.0	-5.8	50.0
tert-Butylbenzene	Ave	2.987	3.039		20.3	20.0	1.7	50.0
1,2,4-Trimethylbenzene	Ave	3.758	3.684		19.6	20.0	-2.0	50.0
sec-Butylbenzene	Ave	4.762	4.877		20.5	20.0	2.4	50.0
1,3-Dichlorobenzene	Ave	1.849	1.811		19.6	20.0	-2.1	50.0
1,4-Dichlorobenzene	Ave	1.848	1.837		19.9	20.0	-0.6	50.0
p-Isopropyltoluene	Ave	3.776	4.064		21.5	20.0	7.6	50.0
Benzyl chloride	Ave	1.864	1.729		18.6	20.0	-7.2	50.0
Indan	Ave	3.405	3.448		20.2	20.0	1.2	50.0
1,2-Dichlorobenzene	Ave	1.713	1.732		20.2	20.0	1.1	50.0
1,4-Diethylbenzene	Ave	2.295	2.457		21.4	20.0	7.0	50.0
n-Butylbenzene	Ave	4.758	4.947		20.8	20.0	4.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2107	0.1745		16.6	20.0	-17.2	50.0
1,2,4,5-Tetramethylbenzene	QuaF		3.626		21.2	20.0	5.9	50.0
Camphor	QuaF		0.1142		83.7	100	-16.3	50.0
1,2,4-Trichlorobenzene	Ave	1.190	1.255		21.1	20.0	5.5	50.0
Hexachlorobutadiene	Ave	0.6894	0.7163		20.8	20.0	3.9	50.0
Naphthalene	QuaF		3.030		21.0	20.0	4.8	50.0
1,2,3-Trichlorobenzene	Ave	1.090	1.157		21.2	20.0	6.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2021	0.1883		46.6	50.0	-6.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2103	0.1805		42.9	50.0	-14.2	50.0
Toluene-d8 (Surr)	Ave	1.311	1.138		43.4	50.0	-13.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212436/2 Calibration Date: 03/13/2014 18:03
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84751.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
Bromofluorobenzene	Ave	0.3526	0.3329		47.2	50.0	-5.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212542/2 Calibration Date: 03/14/2014 04:52
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84774.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	Ave	0.3999	0.4646		23.2	20.0	16.2	50.0
Chloromethane	Ave	0.3858	0.4946	0.1000	25.6	20.0	28.2	50.0
Butadiene	Ave	0.4194	0.4328		20.6	20.0	3.2	50.0
Vinyl chloride	Ave	0.4562	0.4864		21.3	20.0	6.6	20.0
Bromomethane	QuaF		0.2030		24.3	20.0	21.5	50.0
Chloroethane	Ave	0.1956	0.2168		22.2	20.0	10.8	50.0
Dichlorofluoromethane	Ave	0.5239	0.6109		23.3	20.0	16.6	50.0
Trichlorofluoromethane	Ave	0.4173	0.4890		23.4	20.0	17.2	50.0
n-Pentane	QuaF		0.0665		44.2	40.0	10.6	50.0
Ethanol	Ave	0.0579	0.0461		796	1000	-20.4	50.0
Ethyl ether	QuaF		0.2325		18.3	20.0	-8.4	50.0
Isopropene	Ave	0.4493	0.4684		20.8	20.0	4.2	50.0
Acrolein	Ave	0.8868	0.7024		238	300	-20.8	50.0
1,1-Dichloroethene	Ave	0.2562	0.2836		22.1	20.0	10.7	20.0
Freon TF	Ave	0.2695	0.2954		21.9	20.0	9.6	50.0
Acetone	QuaF		3.208		81.0	100	-19.0	50.0
Iodomethane	QuaF		0.2525		16.4	20.0	-18.0	50.0
Carbon disulfide	Ave	0.9157	0.9723		21.2	20.0	6.2	50.0
Isopropanol	QuaF		0.6137		177	200	-11.5	50.0
Allyl chloride	Ave	0.1990	0.2121		21.3	20.0	6.5	50.0
Methyl acetate	QuaF		8.962		96.3	100	-3.7	50.0
Acetonitrile	Ave	1.056	1.111		210	200	5.2	50.0
Cyclopentene	Ave	0.8157	0.9050		22.2	20.0	11.0	50.0
Methylene Chloride	QuaF		0.3208		20.6	20.0	2.8	50.0
TBA	QuaF		1.367		187	200	-6.7	50.0
Acrylonitrile	Ave	0.1042	0.1051		202	200	0.9	50.0
trans-1,2-Dichloroethene	Ave	0.2827	0.2949		20.9	20.0	4.3	50.0
MTBE	Ave	0.7755	0.7482		19.3	20.0	-3.5	50.0
Hexane	QuaF		0.3547		16.5	20.0	-17.7	50.0
1,1-Dichloroethane	Ave	0.5565	0.5763	0.1000	20.7	20.0	3.6	50.0
Vinyl acetate	QuaF		0.7259		37.8	40.0	-5.4	50.0
DIPE	QuaF		1.019		18.0	20.0	-10.2	50.0
2-Chloro-1,3-butadiene	Ave	0.2702	0.2796		20.7	20.0	3.5	50.0
Allyl alcohol	QuaF		0.1866		376	500	-24.8	50.0
Tert-butyl ethyl ether	Ave	0.8892	0.8308	0.0100	18.7	20.0	-6.6	50.0
2,2-Dichloropropane	QuaF		0.4476		19.0	20.0	-4.8	50.0
cis-1,2-Dichloroethene	Ave	0.3401	0.3196		18.8	20.0	-6.0	50.0
2-Butanone	Ave	1.342	1.244		92.7	100	-7.3	50.0
Ethyl acetate	Ave	0.3126	0.2793		35.7	40.0	-10.6	50.0
Propionitrile	Ave	1.422	1.470		207	200	3.3	50.0
Methyl acrylate	Ave	0.3613	0.3121		17.3	20.0	-13.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212542/2 Calibration Date: 03/14/2014 04:52
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84774.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
Bromochloromethane	Ave	0.1333	0.1334		20.0	20.0	0.0	50.0
Methacrylonitrile	Ave	0.1141	0.1149		201	200	0.6	50.0
Tetrahydrofuran	QuaF		1.206		32.6	40.0	-18.5	50.0
Chloroform	Ave	0.5084	0.4859		19.1	20.0	-4.4	20.0
1,1,1-Trichloroethane	Ave	0.4336	0.4267		19.7	20.0	-1.6	50.0
Cyclohexane	Ave	0.6444	0.6214		19.3	20.0	-3.6	50.0
Carbon tetrachloride	Ave	0.3833	0.3545		18.5	20.0	-7.5	50.0
1,1-Dichloropropene	Ave	0.4284	0.3982		18.6	20.0	-7.1	50.0
Benzene	Ave	1.837	1.752		19.1	20.0	-4.6	50.0
Isobutyl alcohol	Ave	0.5498	0.5188		472	500	-5.6	50.0
1,2-Dichloroethane	Ave	0.3455	0.3185		18.4	20.0	-7.8	50.0
Isopropyl acetate	Ave	0.8562	0.7789		18.2	20.0	-9.0	50.0
Tert-amyl methyl ether	Ave	0.7970	0.7866		19.7	20.0	-1.3	50.0
n-Heptane	QuaF		0.4078		20.7	20.0	3.6	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.9628	1.033		42.9	40.0	7.3	50.0
Trichloroethene	Ave	0.3219	0.3016		18.7	20.0	-6.3	50.0
n-Butanol	QuaF		0.3444		415	500	-17.0	50.0
Ethyl acrylate	Ave	0.8774	0.8782		20.0	20.0	0.0	50.0
Methylcyclohexane	Ave	0.6277	0.6168		19.6	20.0	-1.8	50.0
1,2-Dichloropropane	Ave	0.3466	0.3240		18.7	20.0	-6.5	20.0
Dibromomethane	Ave	0.1629	0.1578		19.4	20.0	-3.2	50.0
Methyl methacrylate	Ave	0.2693	0.2410		35.8	40.0	-10.5	50.0
1,4-Dioxane	QuaF		1.414		440	400	10.1	50.0
Propyl acetate	Ave	0.4875	0.4425		18.2	20.0	-9.2	50.0
Bromodichloromethane	Ave	0.3838	0.3567		18.6	20.0	-7.1	50.0
2-Nitropropane	Ave	0.0710	0.0556		31.3	40.0	-21.7	50.0
2-Chloroethyl vinyl ether	QuaF		0.1243		23.5	20.0	17.4	50.0
Epichlorohydrin	Ave	0.0401	0.0366		365	400	-8.9	50.0
cis-1,3-Dichloropropene	Ave	0.7114	0.6542		18.4	20.0	-8.0	50.0
4-Methyl-2-pentanone	Ave	0.4566	0.4144		90.8	100	-9.2	50.0
Toluene	Ave	1.943	1.885		19.4	20.0	-3.0	20.0
trans-1,3-Dichloropropene	Ave	0.5878	0.5260		17.9	20.0	-10.5	50.0
Ethyl methacrylate	Ave	0.6114	0.5205		17.0	20.0	-14.9	50.0
1,1,2-Trichloroethane	Ave	0.3182	0.2829		17.8	20.0	-11.1	50.0
Tetrachloroethene	Ave	0.3995	0.3828		19.2	20.0	-4.2	50.0
1,3-Dichloropropane	Ave	0.6647	0.6193		18.6	20.0	-6.8	50.0
2-Hexanone	Ave	0.3467	0.3079		88.8	100	-11.2	50.0
Dibromochloromethane	Ave	0.3837	0.3248		16.9	20.0	-15.4	50.0
1,2-Dibromoethane	Ave	0.3644	0.3356		18.4	20.0	-7.9	50.0
Butyl acetate	QuaF		0.5798		15.8	20.0	-20.8	50.0
Chlorobenzene	Ave	1.152	1.169	0.3000	20.3	20.0	1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212542/2 Calibration Date: 03/14/2014 04:52
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84774.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
1,1,1,2-Tetrachloroethane	Ave	0.3980	0.3586		18.0	20.0	-9.9	50.0
Ethylbenzene	Ave	0.6841	0.6580		19.2	20.0	-3.8	20.0
m&p-Xylene	Ave	0.8143	0.8064		19.8	20.0	-1.0	50.0
o-Xylene	Ave	0.8037	0.7640		19.0	20.0	-4.9	50.0
Styrene	Ave	1.326	1.341		20.2	20.0	1.1	50.0
Butyl acrylate	Ave	0.3718	0.3279		17.6	20.0	-11.8	50.0
Bromoform	Ave	0.2333	0.1880	0.1000	16.1	20.0	-19.4	50.0
Amly acetate	QuaF		1.531		16.0	20.0	-20.1	50.0
Isopropylbenzene	Ave	2.061	2.132		20.7	20.0	3.4	50.0
Camphene, Total	Ave	0.2125	0.2145		20.2	20.0	1.0	50.0
Monobromobenzene	Ave	0.9325	0.8786		18.8	20.0	-5.8	50.0
1,1,2,2-Tetrachloroethane	Ave	1.079	0.9767	0.3000	18.1	20.0	-9.5	50.0
1,2,3-Trichloropropane	QuaF		0.2702		16.6	20.0	-16.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.3195	0.2646		16.6	20.0	-17.2	50.0
N-Propylbenzene	Ave	5.342	5.501		20.6	20.0	3.0	50.0
2-Chlorotoluene	Ave	3.076	3.068		19.9	20.0	-0.3	50.0
p-Ethyltoluene	Ave	4.276	4.524		21.2	20.0	5.8	50.0
4-Chlorotoluene	Ave	3.169	3.225		20.4	20.0	1.8	50.0
1,3,5-Trimethylbenzene	Ave	3.696	3.660		19.8	20.0	-1.0	50.0
Butyl Methacrylate	Ave	1.286	1.198		18.6	20.0	-6.8	50.0
tert-Butylbenzene	Ave	2.987	3.090		20.7	20.0	3.4	50.0
1,2,4-Trimethylbenzene	Ave	3.758	3.714		19.8	20.0	-1.1	50.0
sec-Butylbenzene	Ave	4.762	4.957		20.8	20.0	4.1	50.0
1,3-Dichlorobenzene	Ave	1.849	1.831		19.8	20.0	-1.0	50.0
1,4-Dichlorobenzene	Ave	1.848	1.822		19.7	20.0	-1.4	50.0
p-Isopropyltoluene	Ave	3.776	4.106		21.8	20.0	8.8	50.0
Benzyl chloride	Ave	1.864	1.722		18.5	20.0	-7.6	50.0
Indan	Ave	3.405	3.493		20.5	20.0	2.6	50.0
1,2-Dichlorobenzene	Ave	1.713	1.709		19.9	20.0	-0.3	50.0
1,4-Diethylbenzene	Ave	2.295	2.468		21.5	20.0	7.5	50.0
n-Butylbenzene	Ave	4.758	5.022		21.1	20.0	5.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.2107	0.1666		15.8	20.0	-20.9	50.0
1,2,4,5-Tetramethylbenzene	QuaF		3.720		21.7	20.0	8.7	50.0
Camphor	QuaF		0.0977		71.5	100	-28.5	50.0
1,2,4-Trichlorobenzene	Ave	1.190	1.236		20.8	20.0	3.8	50.0
Hexachlorobutadiene	Ave	0.6894	0.7187		20.8	20.0	4.2	50.0
Naphthalene	QuaF		2.850		19.7	20.0	-1.5	50.0
1,2,3-Trichlorobenzene	Ave	1.090	1.076		19.7	20.0	-1.3	50.0
Dibromofluoromethane (Surr)	Ave	0.2021	0.1874		46.4	50.0	-7.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2103	0.1873		44.5	50.0	-10.9	50.0
Toluene-d8 (Surr)	Ave	1.311	1.190		45.4	50.0	-9.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212542/2 Calibration Date: 03/14/2014 04:52
 Instrument ID: CVOAMS12 Calib Start Date: 03/12/2014 02:41
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/12/2014 05:56
 Lab File ID: O84774.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
Bromofluorobenzene	Ave	0.3526	0.3384		48.0	50.0	-4.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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
1,4-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.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212620/2 Calibration Date: 03/14/2014 10:05
 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: J09993.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	0.2606		17.1	20.0	-14.7	50.0
Chloromethane	Ave	0.3542	0.3392	0.1000	19.2	20.0	-4.2	50.0
Vinyl chloride	Ave	0.2578	0.2319		18.0	20.0	-10.1	20.0
Butadiene	Ave	0.2331	0.1916		16.4	20.0	-17.8	50.0
Bromomethane	QuaF		0.1562		21.9	20.0	9.4	50.0
Chloroethane	QuaF		4.773		24.1	20.0	20.6	50.0
Dichlorofluoromethane	Ave	0.3953	0.3789		19.2	20.0	-4.1	50.0
Trichlorofluoromethane	Ave	0.3180	0.2643		16.6	20.0	-16.9	50.0
n-Pentane	Ave	0.8380	0.8027		38.3	40.0	-4.2	50.0
Ethanol	QuaF		0.0336		1200	1000	20.1	50.0
Ethyl ether	QuaF		0.1764		21.3	20.0	6.6	50.0
Isopropene	Ave	0.2043	0.1688		16.5	20.0	-17.4	50.0
Freon TF	QuaF		0.1401		11.9	20.0	-40.7	50.0
Acrolein	QuaF		0.8683		87.1	40.0	117.7*	50.0
1,1-Dichloroethene	Ave	0.2049	0.1711		16.7	20.0	-16.5	20.0
Acetone	QuaF		3.551		117	100	17.2	50.0
Iodomethane	Ave	0.3501	0.3513		20.1	20.0	0.3	50.0
Isopropanol	Ave	0.5565	0.4681		168	200	-15.9	50.0
Carbon disulfide	Ave	0.6849	0.5881		17.2	20.0	-14.1	50.0
Allyl chloride	Ave	0.1370	0.1307		19.1	20.0	-4.6	50.0
Methyl acetate	Ave	0.2644	0.2961		112	100	12.0	50.0
Cyclopentene	Ave	0.6524	0.6034		18.5	20.0	-7.5	50.0
Acetonitrile	QuaF		1.886		259	200	29.6	50.0
Methylene Chloride	Ave	0.2483	0.2483		20.0	20.0	0.0	50.0
TBA	QuaF		0.7805		194	200	-2.9	50.0
MTBE	Ave	0.7423	0.7604		20.5	20.0	2.4	50.0
trans-1,2-Dichloroethene	Ave	0.2271	0.2184		19.2	20.0	-3.8	50.0
Acrylonitrile	Ave	0.1097	0.1186		216	200	8.0	50.0
Hexane	QuaF		0.1536		11.3	20.0	-43.3	50.0
DIPE	Ave	0.999	1.087		21.8	20.0	8.9	50.0
1,1-Dichloroethane	Ave	0.4821	0.4751	0.1000	19.7	20.0	-1.4	50.0
Allyl alcohol	Ave	0.1239	0.0805		325	500	-35.1	50.0
Vinyl acetate	Ave	0.5289	0.6153		46.5	40.0	16.3	50.0
2-Chloro-1,3-butadiene	Ave	0.2147	0.2012		18.7	20.0	-6.3	50.0
Tert-butyl ethyl ether	Ave	0.8390	0.9305		22.2	20.0	10.9	50.0
2,2-Dichloropropane	Ave	0.3545	0.3076		17.4	20.0	-13.2	50.0
cis-1,2-Dichloroethene	Ave	0.2612	0.2506		19.2	20.0	-4.1	50.0
2-Butanone	QuaF		1.138		126	100	26.0	50.0
Ethyl acetate	Ave	0.6420	0.6906		43.0	40.0	7.6	50.0
Methyl acrylate	Ave	0.2823	0.2997		21.2	20.0	6.2	50.0
Propionitrile	Ave	1.282	1.738		271	200	35.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212620/2 Calibration Date: 03/14/2014 10:05
 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: J09993.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	0.1324		20.9	20.0	4.5	50.0
Tetrahydrofuran	Ave	1.038	1.328		51.1	40.0	27.9	50.0
Methacrylonitrile	Ave	0.1147	0.1318		230	200	14.9	50.0
Chloroform	Ave	0.4349	0.4303		19.8	20.0	-1.1	20.0
Cyclohexane	QuaF		0.2450		11.6	20.0	-41.9	50.0
1,1,1-Trichloroethane	Ave	0.3330	0.2820		16.9	20.0	-15.3	50.0
Carbon tetrachloride	QuaF		0.1830		12.8	20.0	-36.1	50.0
1,1-Dichloropropene	Ave	0.2948	0.2576		17.5	20.0	-12.6	50.0
Isobutyl alcohol	QuaF		0.3768		460	500	-8.1	50.0
Benzene	Ave	1.107	1.089		19.7	20.0	-1.6	50.0
Isopropyl acetate	Ave	0.8944	0.9573		21.4	20.0	7.0	50.0
Tert-amyl methyl ether	Ave	0.7160	0.8060		22.5	20.0	12.6	50.0
1,2-Dichloroethane	Ave	0.3687	0.3875		21.0	20.0	5.1	50.0
n-Heptane	QuaF		0.0610		11.3	20.0	-43.7	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.4163	0.2940		28.3	40.0	-29.4	50.0
n-Butanol	Ave	0.1921	0.1467		382	500	-23.7	50.0
Trichloroethene	Ave	0.2387	0.2165		18.1	20.0	-9.3	50.0
Ethyl acrylate	Ave	0.5656	0.5507		19.5	20.0	-2.6	50.0
Methylcyclohexane	QuaF		0.1560		10.4	20.0	-47.9	50.0
1,2-Dichloropropane	Ave	0.2659	0.2755		20.7	20.0	3.6	20.0
Methyl methacrylate	Ave	0.0745	0.0784		42.1	40.0	5.2	50.0
1,4-Dioxane	Ave	0.8475	0.6366		300	400	-24.9	50.0
Dibromomethane	Ave	0.1564	0.1653		21.1	20.0	5.7	50.0
Propyl acetate	Ave	0.5184	0.5248		20.2	20.0	1.2	50.0
Bromodichloromethane	Ave	0.3017	0.3011		20.0	20.0	-0.2	50.0
2-Chloroethyl vinyl ether	Ave	0.2006	0.2177		21.7	20.0	8.5	50.0
2-Nitropropane	QuaF		0.0428		30.7	40.0	-23.2	50.0
Epichlorohydrin	Ave	0.0303	0.0304		402	400	0.5	50.0
cis-1,3-Dichloropropene	Ave	0.4757	0.4740		19.9	20.0	-0.4	50.0
4-Methyl-2-pentanone	Ave	0.3635	0.3878		107	100	6.7	50.0
Toluene	Ave	1.123	1.068		19.0	20.0	-4.8	20.0
trans-1,3-Dichloropropene	Ave	0.4178	0.4041		19.3	20.0	-3.3	50.0
Ethyl methacrylate	Ave	0.3372	0.3301		19.6	20.0	-2.1	50.0
1,1,2-Trichloroethane	Ave	0.2270	0.2432		21.4	20.0	7.1	50.0
Tetrachloroethene	Ave	0.2628	0.2226		16.9	20.0	-15.3	50.0
1,3-Dichloropropane	Ave	0.4673	0.4737		20.3	20.0	1.4	50.0
2-Hexanone	Ave	3.022	3.992		132	100	32.1	50.0
Butyl acetate	Ave	0.5248	0.5597		21.3	20.0	6.6	50.0
Dibromochloromethane	QuaF		0.2336		18.1	20.0	-9.5	50.0
1,2-Dibromoethane	Ave	0.2831	0.2858		20.2	20.0	1.0	50.0
Chlorobenzene	Ave	0.7588	0.7381	0.3000	19.5	20.0	-2.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212620/2 Calibration Date: 03/14/2014 10:05
 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: J09993.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	0.3408		17.6	20.0	-11.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2466	0.2307		18.7	20.0	-6.4	50.0
m&p-Xylene	Ave	0.4879	0.4583		18.8	20.0	-6.1	50.0
Butyl acrylate	Ave	0.2311	0.2320		20.1	20.0	0.4	50.0
o-Xylene	Ave	0.4808	0.4547		18.9	20.0	-5.4	50.0
Styrene	Ave	0.8528	0.8458		19.8	20.0	-0.8	50.0
Amly acetate	Ave	1.085	1.242		22.9	20.0	14.5	50.0
Bromoform	QuaF		0.1364	0.1000	16.2	20.0	-19.0	50.0
Isopropylbenzene	Ave	1.059	0.8866		16.7	20.0	-16.3	50.0
Camphene, Total	Ave	0.0911	0.0774		17.0	20.0	-15.1	50.0
Monobromobenzene	Ave	0.5650	0.6082		21.5	20.0	7.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6027	0.6710	0.3000	22.3	20.0	11.3	50.0
N-Propylbenzene	Ave	2.070	1.777		17.2	20.0	-14.2	50.0
1,2,3-Trichloropropane	Ave	0.1792	0.1981		22.1	20.0	10.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2150	0.2013		18.7	20.0	-6.4	50.0
2-Chlorotoluene	Ave	1.622	1.514		18.7	20.0	-6.7	50.0
p-Ethyltoluene	Ave	1.986	2.007		20.2	20.0	1.1	50.0
1,3,5-Trimethylbenzene	Ave	1.502	1.347		17.9	20.0	-10.3	50.0
4-Chlorotoluene	Ave	1.507	1.477		19.6	20.0	-2.0	50.0
Butyl Methacrylate	Ave	0.6510	0.6911		21.2	20.0	6.2	50.0
tert-Butylbenzene	Ave	1.168	0.8990		15.4	20.0	-23.1	50.0
1,2,4-Trimethylbenzene	Ave	1.626	1.585		19.5	20.0	-2.5	50.0
sec-Butylbenzene	Ave	1.528	1.135		14.9	20.0	-25.7	50.0
1,3-Dichlorobenzene	Ave	1.052	1.012		19.2	20.0	-3.8	50.0
p-Isopropyltoluene	Ave	1.431	1.096		15.3	20.0	-23.4	50.0
1,4-Dichlorobenzene	Ave	1.098	1.056		19.2	20.0	-3.8	50.0
Benzyl chloride	Ave	1.070	1.027		19.2	20.0	-4.0	50.0
Indan	Ave	1.877	2.085		22.2	20.0	11.1	50.0
1,4-Diethylbenzene	Ave	0.9669	0.8771		18.1	20.0	-9.3	50.0
n-Butylbenzene	Ave	1.500	1.160		15.5	20.0	-22.7	50.0
1,2-Dichlorobenzene	Ave	1.073	1.079		20.1	20.0	0.5	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.565	1.588		20.3	20.0	1.4	50.0
1,2-Dibromo-3-Chloropropane	QuaF		0.1193		17.6	20.0	-12.1	50.0
Camphor	Ave	0.0702	0.0825		117	100	17.5	50.0
1,2,4-Trichlorobenzene	Ave	0.6813	0.6131		18.0	20.0	-10.0	50.0
Hexachlorobutadiene	Ave	0.1994	0.1154		11.6	20.0	-42.1	50.0
Naphthalene	Ave	1.953	2.065		21.1	20.0	5.7	50.0
1,2,3-Trichlorobenzene	Ave	0.6243	0.5636		18.1	20.0	-9.7	50.0
Dibromofluoromethane (Surr)	Ave	0.2748	0.2743		49.9	50.0	-0.2	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	1.216		49.5	50.0	-0.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212620/2 Calibration Date: 03/14/2014 10:05
 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: J09993.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	0.4141		48.3	50.0	-3.3	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

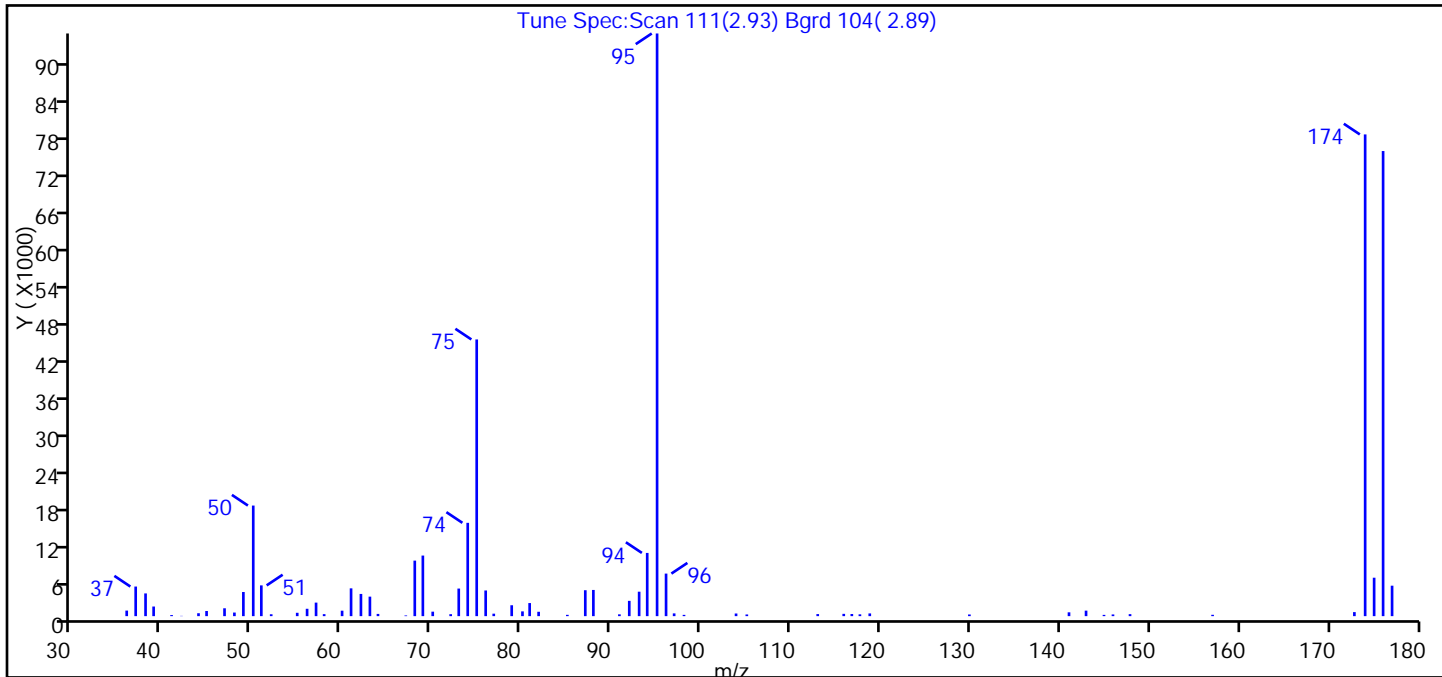
First Level Reviewer: delpolitov Date: 12-Mar-2014 10:49:39

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	

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.rsl\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\20140313-10800.b\A00516.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 13-Mar-2014 06:01:30 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0010800-001
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\8260624W_1.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 13-Mar-2014 07:31:59 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: moroneyc Date: 13-Mar-2014 06:08:36

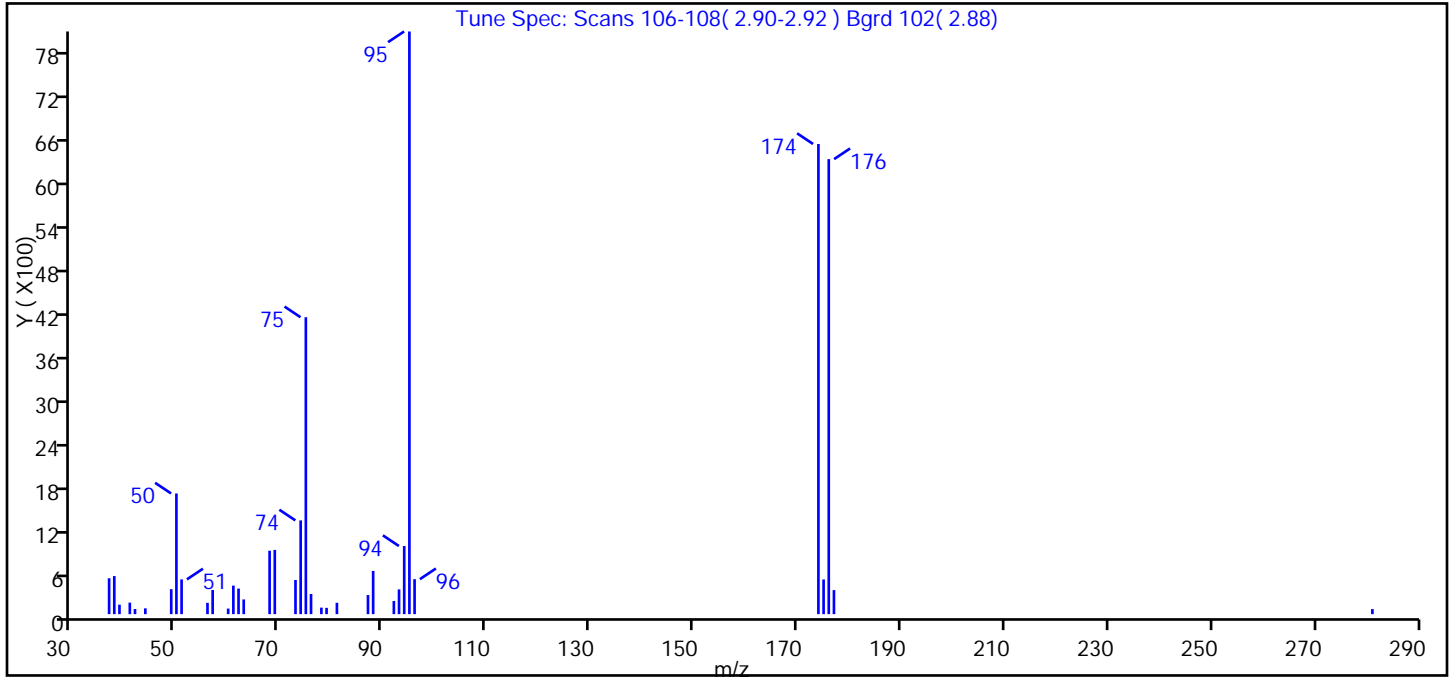
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
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\$ 151 BFB	95	2.910	2.910	0.0	0	10127	NR	
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\A00516.D
 Injection Date: 13-Mar-2014 06:01:30 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	20.70
75	30.00 - 60.00% of mass 95	51.00
96	5.00 - 9.00% of mass 95	6.00
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	80.70
175	5.00 - 9.00% of mass 174	6.00 (7.40)
176	95.00 - 101.00% of mass 174	78.10 (96.80)
177	5.00 - 9.00% of mass 176	4.10 (5.30)

Data File: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\A00516.D\8260624W_1.rsl\spectra.d
Injection Date: 13-Mar-2014 06:01:30
Spectrum: Tune Spec: Scans 106-108(2.90-2.92) Bgrd 102(2.88)
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	496	56.00	156	74.00	1295	93.00	342
38.00	526	57.00	334	75.00	4101	94.00	941
39.00	131	60.00	77	76.00	278	95.00	8048
41.00	159	61.00	394	78.00	90	96.00	483
42.00	71	62.00	353	79.00	87	174.00	6494
44.00	80	63.00	203	81.00	157	175.00	479
49.00	345	68.00	876	87.00	264	176.00	6285
50.00	1667	69.00	887	88.00	597	177.00	332
51.00	480	73.00	472	92.00	182	281.00	70

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84659.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 12-Mar-2014 01:50:30 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0010741-001
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 12-Mar-2014 13:22:44 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK002

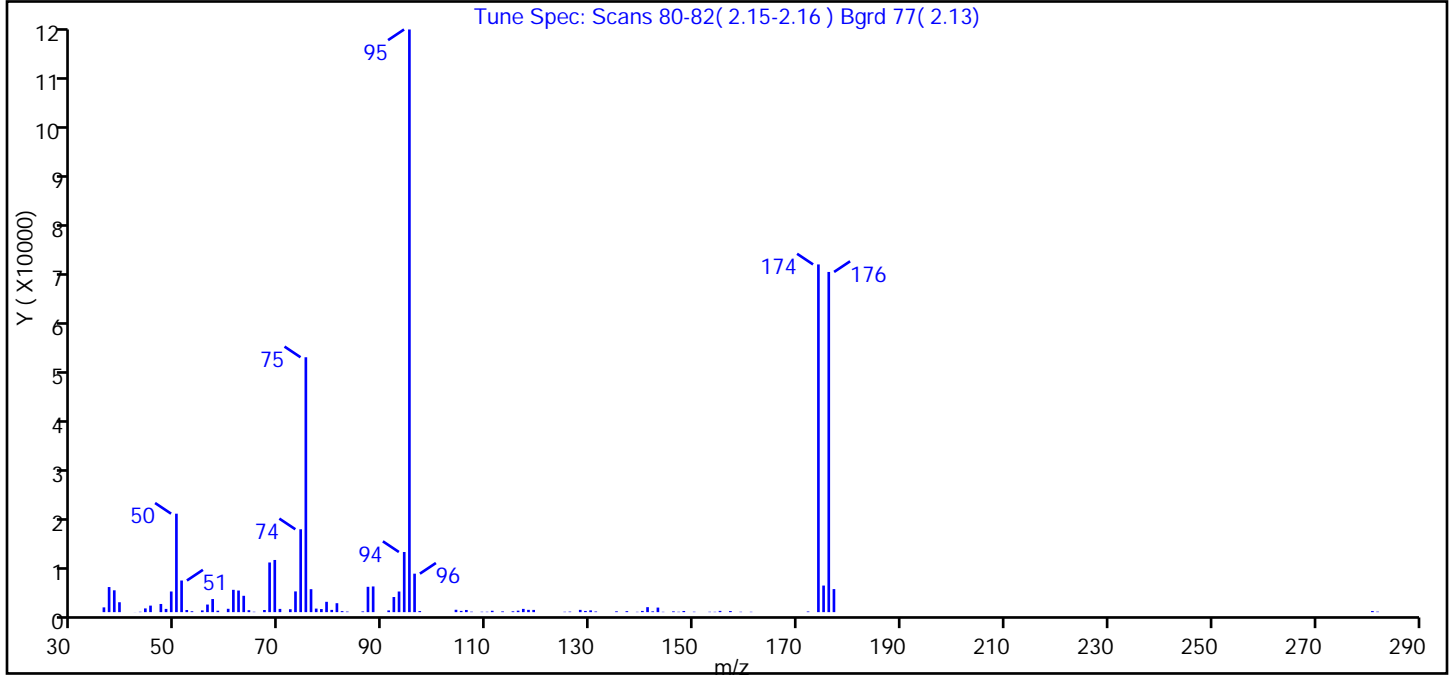
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
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\$ 140 BFB	95	2.158	2.158	0.0	78	175002	NR	
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84659.D
 Injection Date: 12-Mar-2014 01:50:30 Instrument ID: CVOAMS12
 Lims ID: BFB
 Client ID:
 Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S_12 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	16.90
75	30.00 - 60.00% of mass 95	43.70
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	59.70
175	5.00 - 9.00% of mass 174	4.60 (7.60)
176	95.00 - 101.00% of mass 174	58.40 (97.80)
177	5.00 - 9.00% of mass 176	4.00 (6.80)

Data File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84659.D\8260S_12.rslt\spectra.d
Injection Date: 12-Mar-2014 01:50:30
Spectrum: Tune Spec: Scans 80-82(2.15-2.16) Bgrd 77(2.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	939	65.00	74	95.00	114848	139.00	67
37.00	4947	67.00	422	96.00	7583	140.00	237
38.00	4306	68.00	9790	97.00	214	141.00	981
39.00	1952	69.00	10284	104.00	467	142.00	161
42.00	16	70.00	639	105.00	246	143.00	901
43.00	73	72.00	575	106.00	428	144.00	66
44.00	735	73.00	4087	107.00	92	146.00	153
45.00	1287	74.00	16335	109.00	81	147.00	72
47.00	1610	75.00	50240	110.00	78	148.00	227
48.00	638	76.00	4525	111.00	272	150.00	81
49.00	4070	77.00	700	113.00	147	153.00	75
50.00	19408	78.00	609	115.00	166	154.00	67
51.00	6236	79.00	2038	116.00	293	155.00	246
52.00	421	80.00	445	117.00	642	157.00	217
53.00	177	81.00	1763	118.00	451	159.00	74
55.00	343	82.00	203	119.00	440	161.00	68
56.00	1498	83.00	109	125.00	74	172.00	128
57.00	2586	86.00	144	126.00	107	174.00	68536
58.00	282	87.00	4994	128.00	448	175.00	5241
60.00	663	88.00	5064	129.00	236	176.00	67056
61.00	4399	91.00	336	130.00	349	177.00	4545
62.00	4257	92.00	2982	131.00	130	281.00	216
63.00	3222	93.00	4067	135.00	165	282.00	100
64.00	384	94.00	11854	137.00	198		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84750.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 13-Mar-2014 16:19:30 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0010824-001
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 15:53:18 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK018

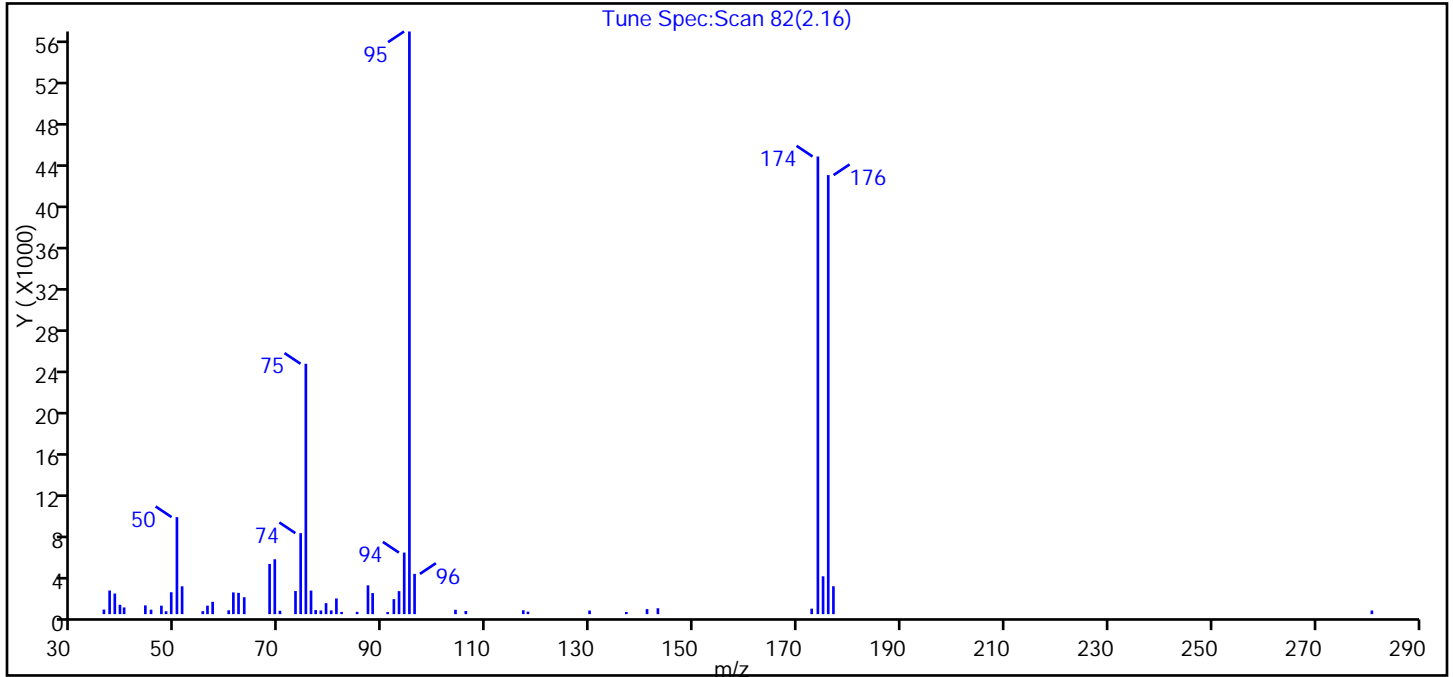
First Level Reviewer: chanchanasophonw Date: 14-Mar-2014 15:53:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
\$ 140 BFB	95	2.158	2.158	0.0	79	78739	NR	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84750.D
 Injection Date: 13-Mar-2014 16:19:30 Instrument ID: CVOAMS12
 Lims ID: BFB
 Client ID:
 Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S_12 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	16.70
75	30.00 - 60.00% of mass 95	43.00
96	5.00 - 9.00% of mass 95	6.90
173	Less than 2.00% of mass 174	0.90 (1.20)
174	50.00 - 120.00% of mass 95	78.50
175	5.00 - 9.00% of mass 174	6.50 (8.30)
176	95.00 - 101.00% of mass 174	75.40 (95.90)
177	5.00 - 9.00% of mass 176	4.80 (6.30)

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84750.D\8260S_12.rslt\spectra.d
 Injection Date: 13-Mar-2014 16:19:30
 Spectrum: Tune Spec:Scan 82(2.16)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	449	57.00	1200	78.90	1072	105.90	303
37.10	2297	60.10	373	79.90	366	117.00	381
38.10	2006	61.00	2114	80.90	1525	117.90	245
39.10	911	62.00	2069	81.90	215	129.80	350
39.90	652	63.10	1648	84.90	222	136.90	211
44.00	852	68.00	4882	87.00	2801	140.90	492
45.10	434	69.00	5340	87.90	2051	143.00	575
47.10	822	70.00	328	90.80	201	172.70	534
48.00	281	73.00	2246	92.00	1461	173.90	44512
49.00	2131	74.00	7881	93.00	2237	174.90	3682
50.10	9437	75.00	24352	94.00	5988	175.90	42704
51.10	2710	76.00	2294	95.00	56672	176.90	2711
55.10	293	76.90	396	96.00	3915	280.90	356
56.00	827	77.90	361	103.90	425		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84773.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 14-Mar-2014 04:21:30 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0010850-001
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:24:47 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov Date: 14-Mar-2014 09:24:47

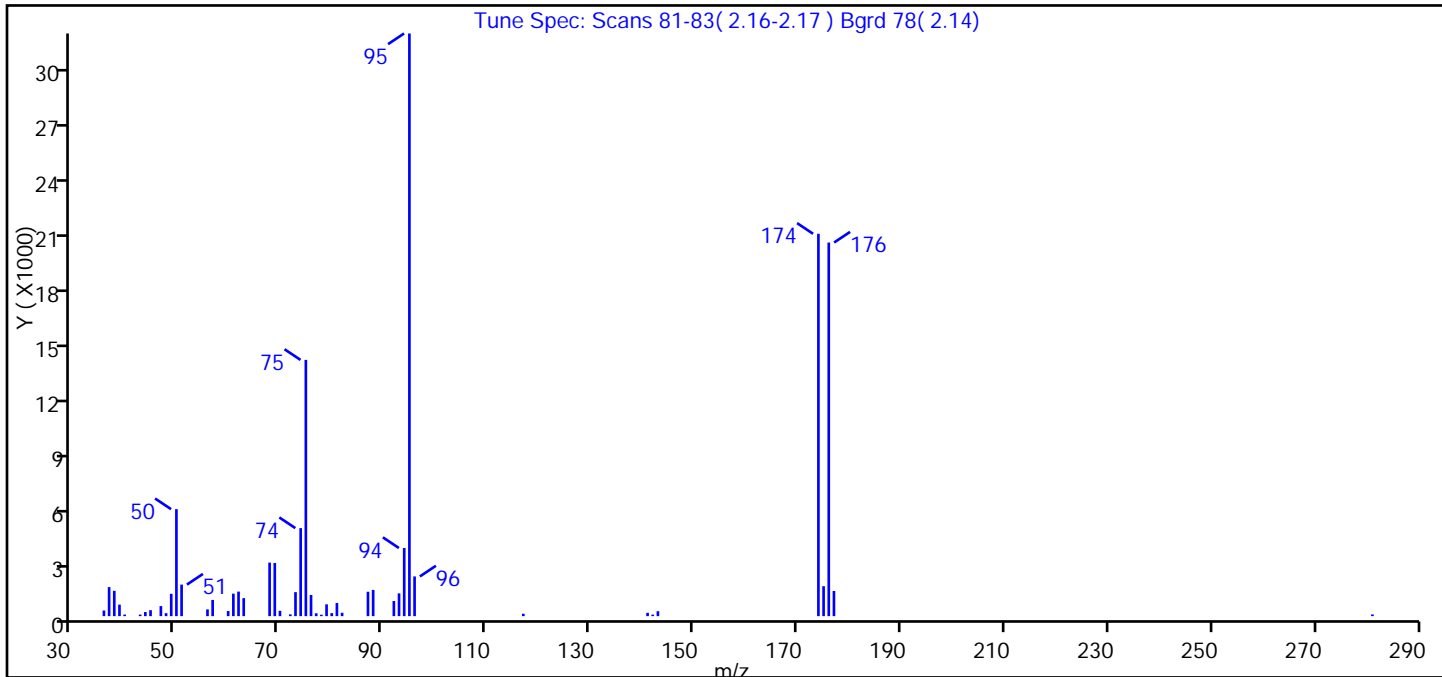
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
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\$ 140 BFB	95	2.165	2.165	0.0	80	46140	NR	
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84773.D
 Injection Date: 14-Mar-2014 04:21:30 Instrument ID: CVOAMS12
 Lims ID: BFB
 Client ID:
 Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260S_12 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	18.40
75	30.00 - 60.00% of mass 95	44.00
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	65.60
175	5.00 - 9.00% of mass 174	5.10 (7.80)
176	95.00 - 101.00% of mass 174	64.10 (97.70)
177	5.00 - 9.00% of mass 176	4.30 (6.70)

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84773.D\8260S_12.rslt\spectra.d
 Injection Date: 14-Mar-2014 04:21:30
 Spectrum: Tune Spec: Scans 81-83(2.16-2.17) Bgrd 78(2.14)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 49

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	305	56.00	364	76.00	1140	96.00	2141
37.00	1565	57.00	875	77.00	154	117.00	130
38.00	1366	60.00	275	78.00	75	141.00	180
39.00	621	61.00	1213	79.00	637	142.00	82
40.00	85	62.00	1324	80.00	163	143.00	266
43.00	85	63.00	971	81.00	708	174.00	20616
44.00	222	68.00	2887	82.00	182	175.00	1615
45.00	322	69.00	2866	87.00	1315	176.00	20144
47.00	544	70.00	287	88.00	1413	177.00	1357
48.00	160	72.00	95	92.00	816	281.00	91
49.00	1205	73.00	1295	93.00	1228		
50.00	5768	74.00	4746	94.00	3673		
51.00	1701	75.00	13816	95.00	31416		

TestAmerica Edison
Target Compound Quantitation Report

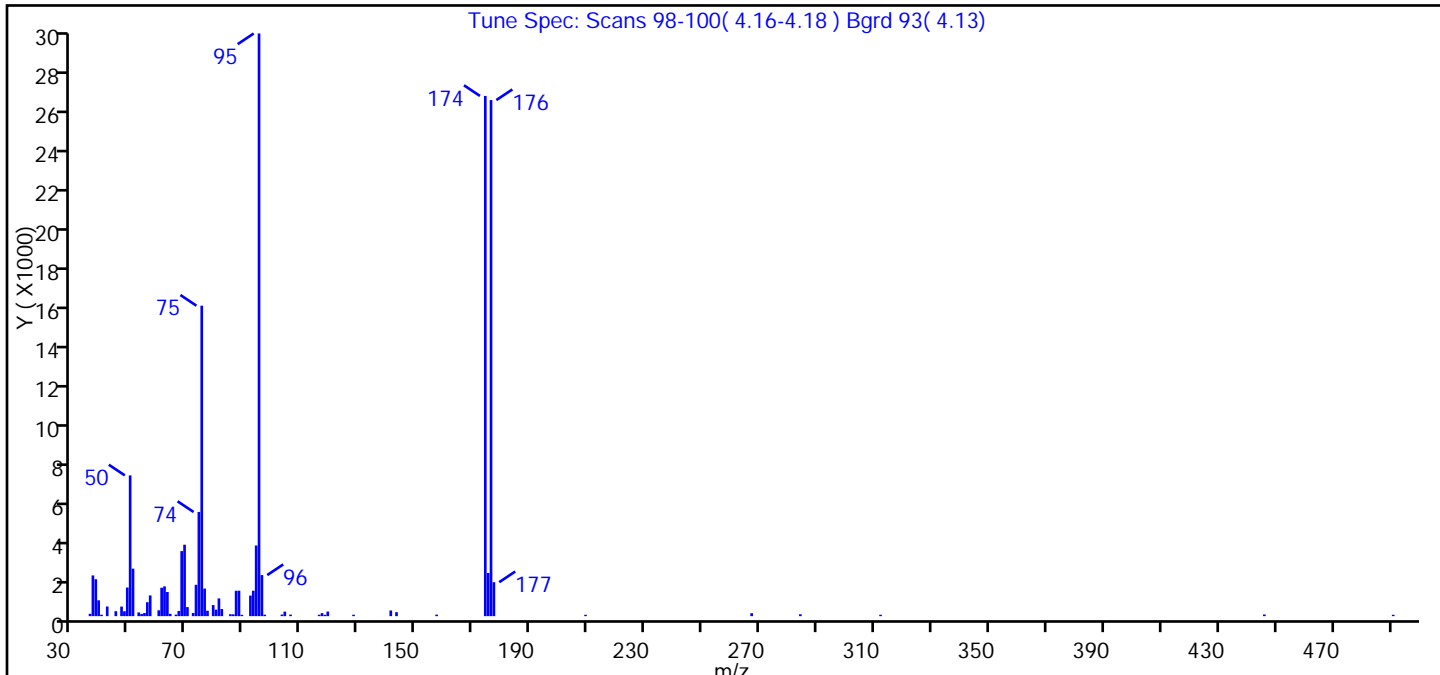
Data File: \\EDICHROM\ChromData\CVOAMS8\20140309-10627.b\J09761.D
 Lims ID: BFB Lab Sample ID:
 Client ID:
 Sample Type: BFB
 Inject. Date: 09-Mar-2014 09:42:30 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0010627-001
 Operator ID: Instrument 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	

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\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

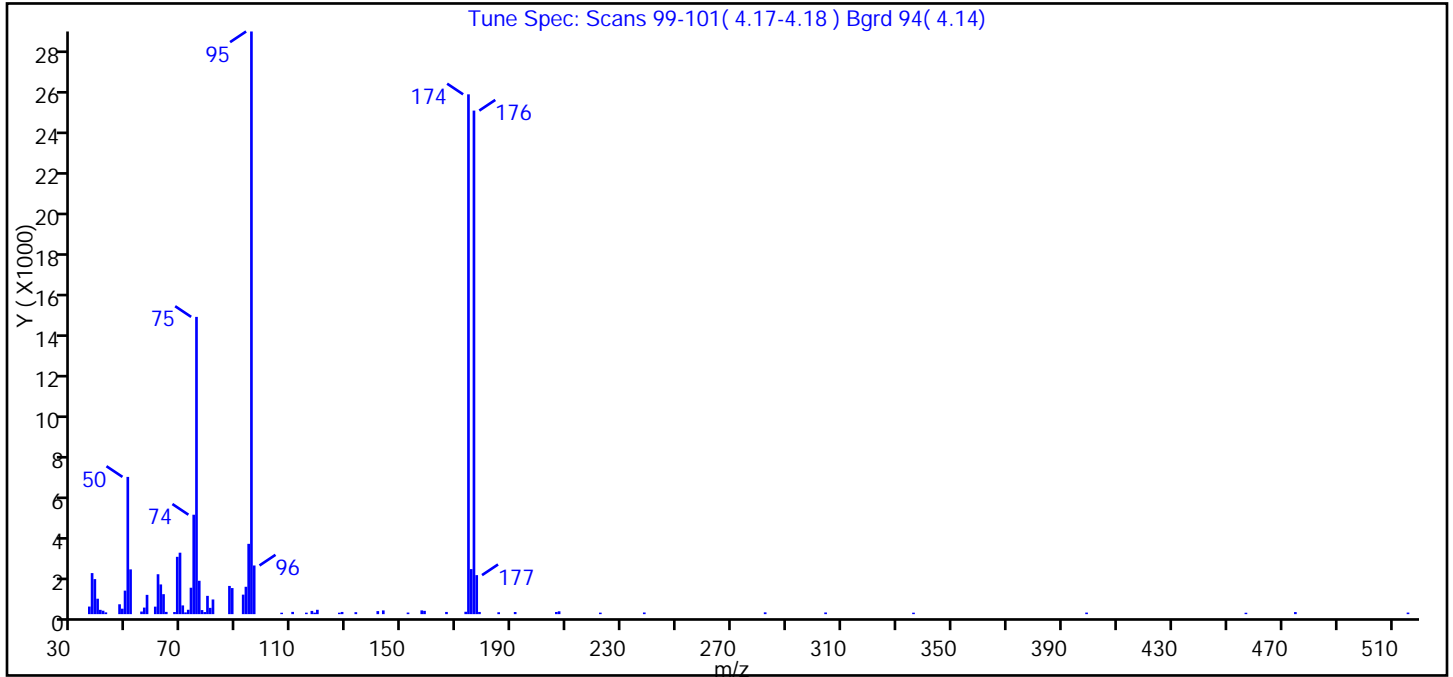
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
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\$ 140 BFB	95	4.175	4.175	0.0	92	42638	NR	
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TestAmerica Edison

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\20140314-10873.b\J09992.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 14-Mar-2014 09:40:30 ALS Bottle#: 99 Worklist Smp#: 1
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0010873-001
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 13:53:25 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

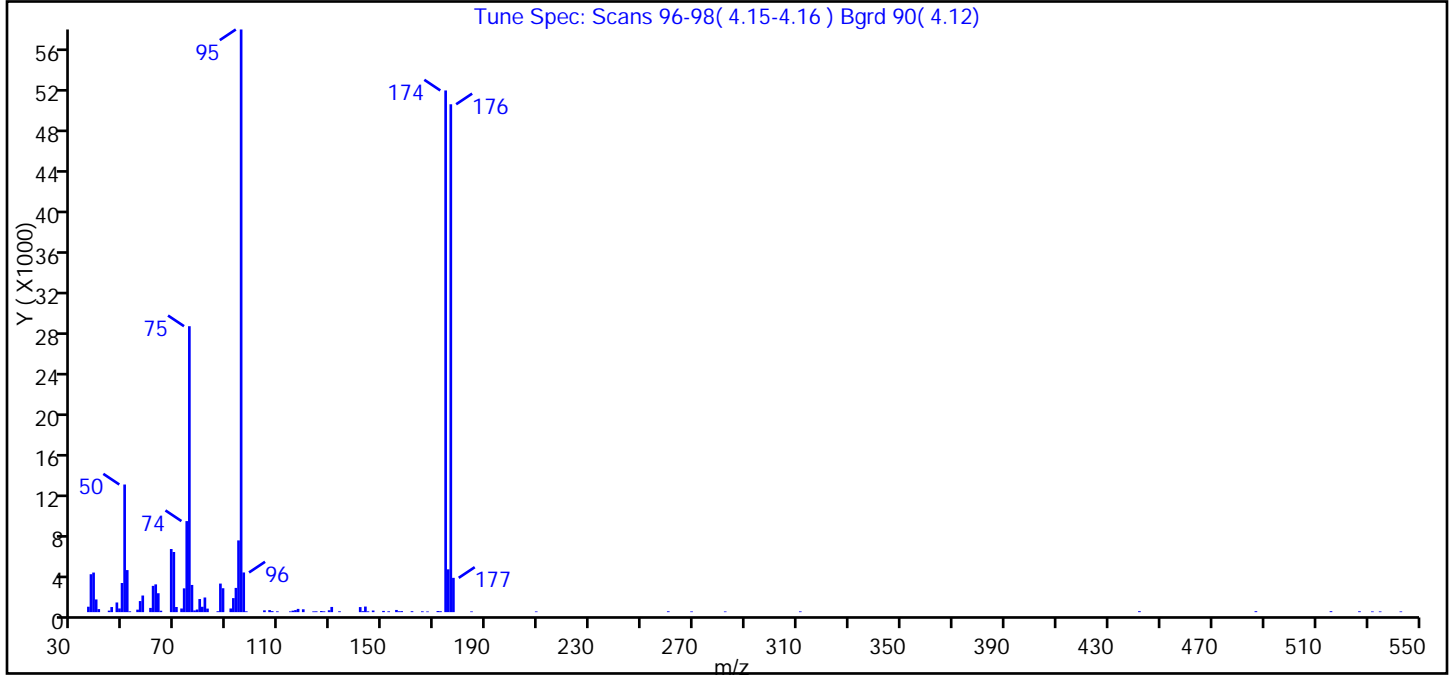
First Level Reviewer: delpolitov Date: 14-Mar-2014 13:53:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
\$ 140 BFB	95	4.157	4.157	0.0	91	96172	NR	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J09992.D
 Injection Date: 14-Mar-2014 09:40:30 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	21.90
75	30.00 - 60.00% of mass 95	49.10
96	5.00 - 9.00% of mass 95	6.80
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	89.50
175	5.00 - 9.00% of mass 174	7.30 (8.20)
176	95.00 - 101.00% of mass 174	87.20 (97.40)
177	5.00 - 9.00% of mass 176	5.90 (6.80)

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J09992.D\8260_W8.rslt\spectra.d
 Injection Date: 14-Mar-2014 09:40:30
 Spectrum: Tune Spec: Scans 96-98(4.15-4.16) Bgrd 90(4.12)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	531	72.00	357	109.00	78	165.00	80
37.00	3712	73.00	2329	114.00	72	167.00	67
38.00	3874	74.00	8911	115.00	143	171.00	111
39.00	1243	75.00	27984	116.00	200	172.00	92
40.00	298	76.00	2662	117.00	318	174.00	51056
44.00	148	77.00	168	119.00	280	175.00	4190
45.00	499	78.00	259	123.00	75	176.00	49704
47.00	947	79.00	1285	124.00	81	177.00	3357
48.00	361	80.00	525	126.00	112	184.00	71
49.00	2852	81.00	1434	127.00	78	209.00	68
50.00	12491	82.00	347	129.00	184	260.00	82
51.00	4116	86.00	88	130.00	509	269.00	70
52.00	78	87.00	2796	133.00	85	282.00	66
55.00	244	88.00	2339	141.00	496	311.00	73
56.00	1084	91.00	359	142.00	97	442.00	93
57.00	1627	92.00	1372	143.00	546	487.00	93
60.00	414	93.00	2372	144.00	78	516.00	94
61.00	2572	94.00	7021	146.00	159	527.00	84
62.00	2718	95.00	57024	150.00	120	532.00	70
63.00	1851	96.00	3884	152.00	82	535.00	69
64.00	141	97.00	78	155.00	214	543.00	69
68.00	6178	104.00	174	156.00	87		
69.00	5886	106.00	200	157.00	100		
70.00	504	107.00	100	161.00	92		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212288/7
 Matrix: Water Lab File ID: A00522.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 08:19
 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.: 212288 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212288/7
 Matrix: Water Lab File ID: A00522.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 08:19
 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.: 212288 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)	100		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130
460-00-4	Bromofluorobenzene	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	103		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212288/7
 Matrix: Water Lab File ID: A00522.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 08:19
 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.: 212288 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\20140313-10800.b\A00522.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Mar-2014 08:19:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0010800-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\8260624W_1.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 13-Mar-2014 08:45:09 Calib Date: 11-Mar-2014 13:55:30
 Integrator: RTE ID Type: RT Order 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: moroneyc

Date: 13-Mar-2014 08:45:05

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.588	3.588	0.0	66	301603	1000.0	
\$ 52 Dibromofluoromethane (Surr)	113	4.947	4.947	0.0	58	169727	51.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	5.234	5.227	0.007	46	188750	49.9	
* 62 Fluorobenzene	96	5.441	5.441	0.0	98	608688	50.0	
* 69 1,4-Dioxane-d8	96	6.002	6.020	-0.018	1	25876	1000.0	
\$ 79 Toluene-d8 (Surr)	98	6.813	6.813	-0.001	98	628377	49.2	
* 90 Chlorobenzene-d5	117	7.910	7.910	0.0	86	394309	50.0	
\$ 101 4-Bromofluorobenzene	174	8.648	8.648	0.0	89	199710	49.1	
* 117 1,4-Dichlorobenzene-d4	152	9.312	9.306	0.006	95	240815	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\A00522.D

Injection Date: 13-Mar-2014 08:19:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

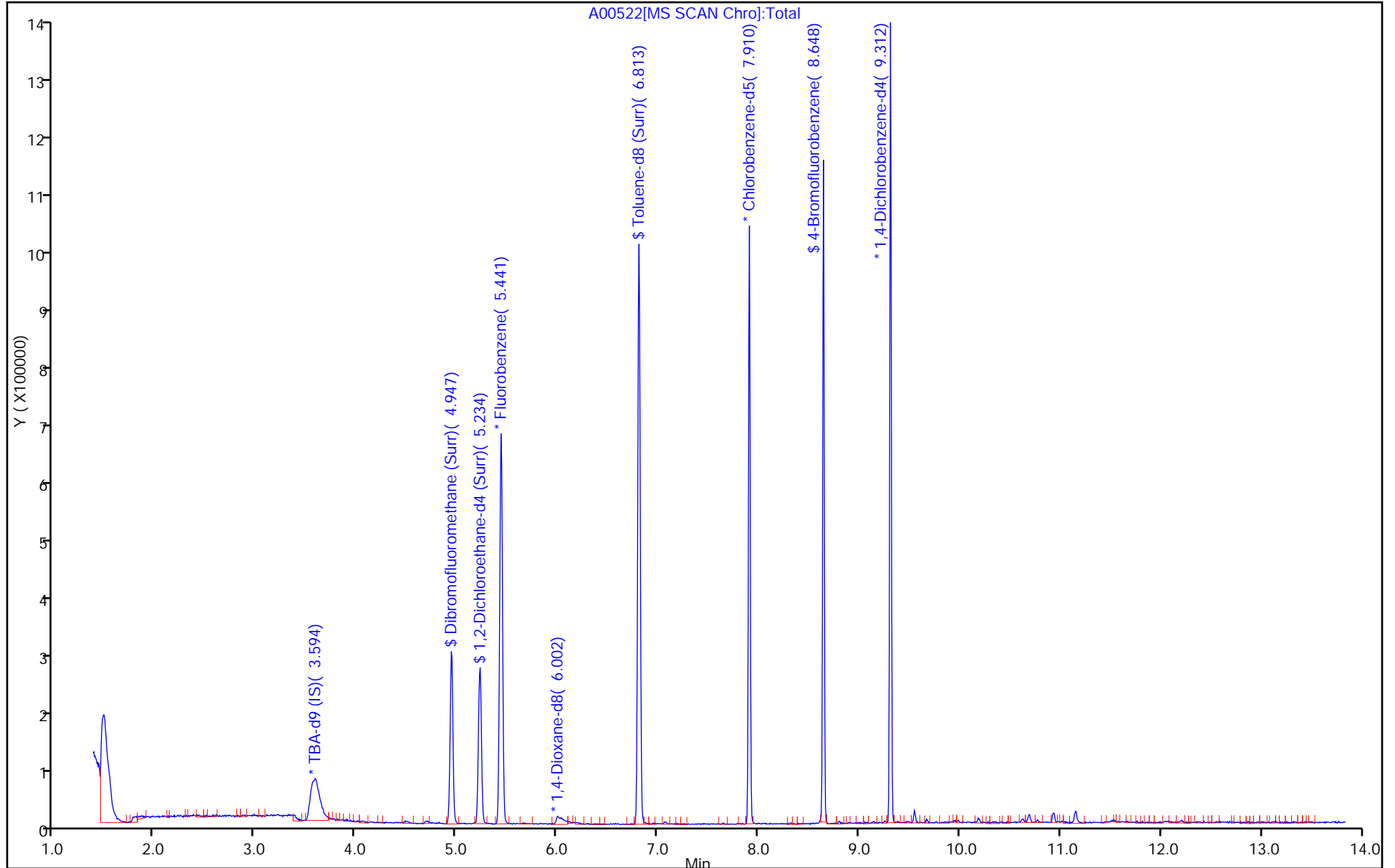
Dil. Factor: 1.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212436/6
 Matrix: Solid Lab File ID: O84755.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 19:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 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	5.10		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212436/6
 Matrix: Solid Lab File ID: O84755.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 19:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 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)	89		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212436/6
 Matrix: Solid Lab File ID: O84755.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 19:54
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 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\CVOAMS12\20140313-10824.b\O84755.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Mar-2014 19:54:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0010824-006
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:36:03 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:36:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.592	1.592	0.0	71	11390	5.10	
* 151 TBA-d9 (IS)	65	1.864	1.864	0.0	88	561652	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	195144	45.2	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.304	3.296	0.008	85	199579	44.4	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	1068646	50.0	
* 150 1,4-Dioxane-d8	96	4.299	4.278	0.021	90	55753	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	902271	45.8	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	86	751363	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	85	251800	47.5	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	98	355243	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84755.D

Injection Date: 13-Mar-2014 19:54:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

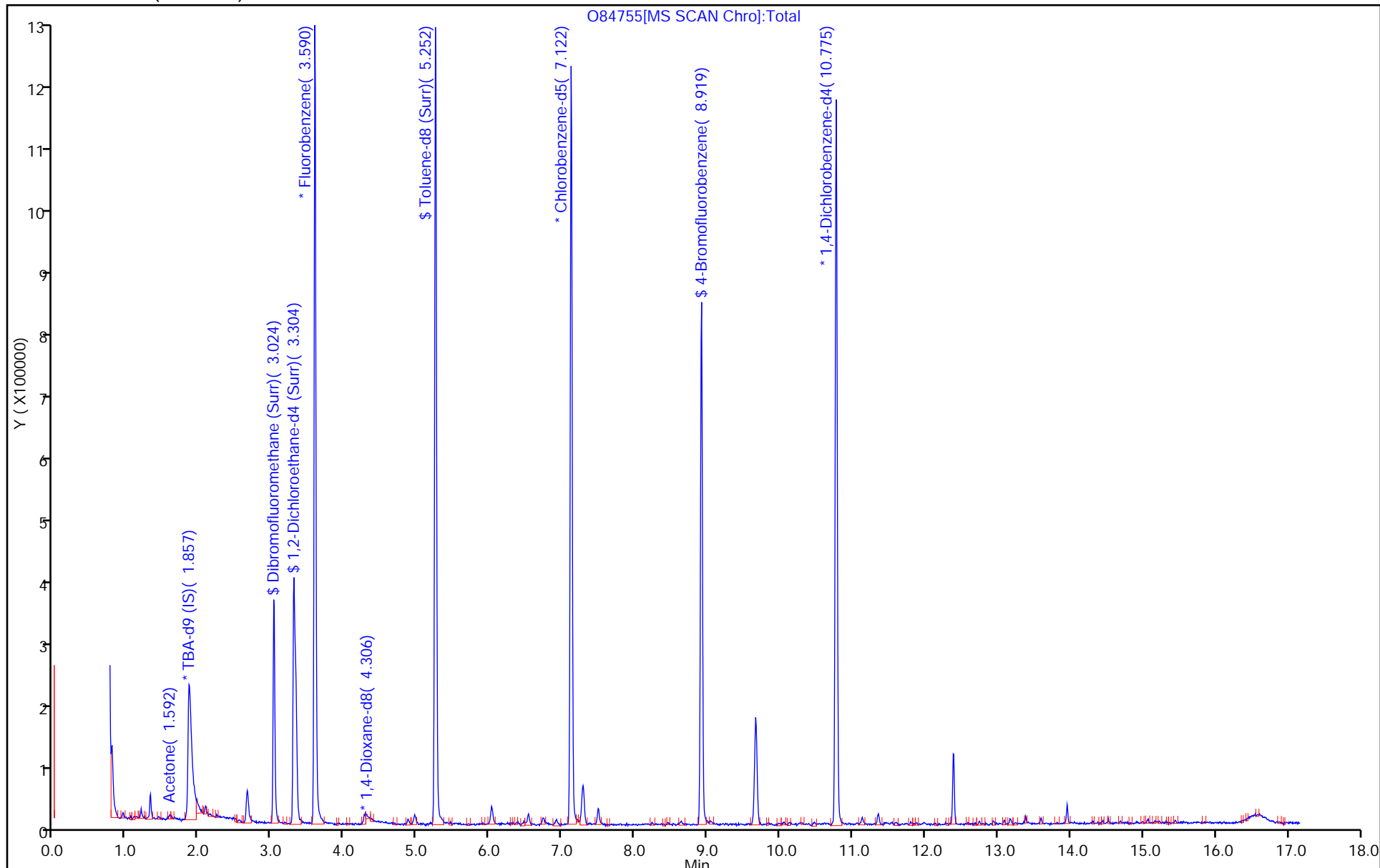
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84755.D

Injection Date: 13-Mar-2014 19:54:30

Instrument ID: CVOAMS12

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS12

ALS Bottle#: 5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

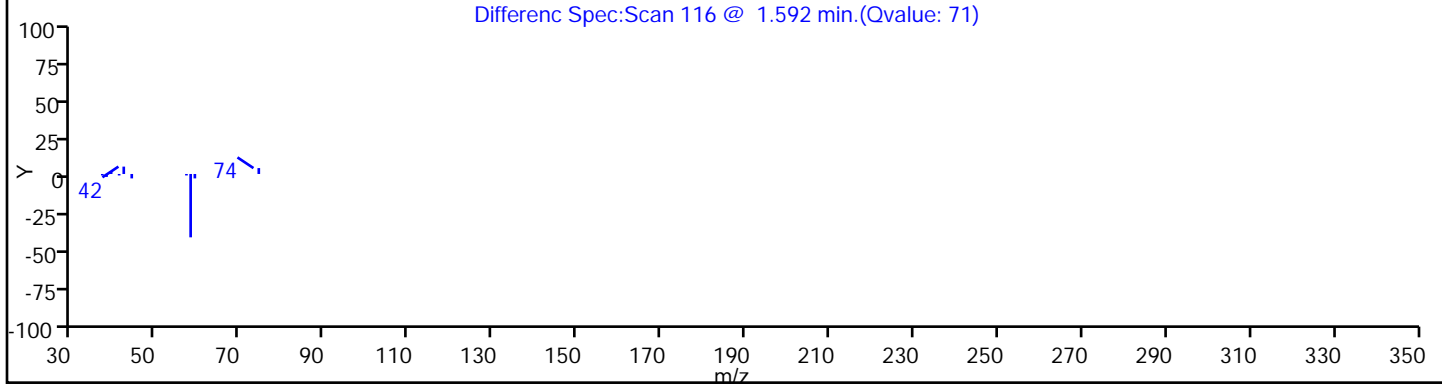
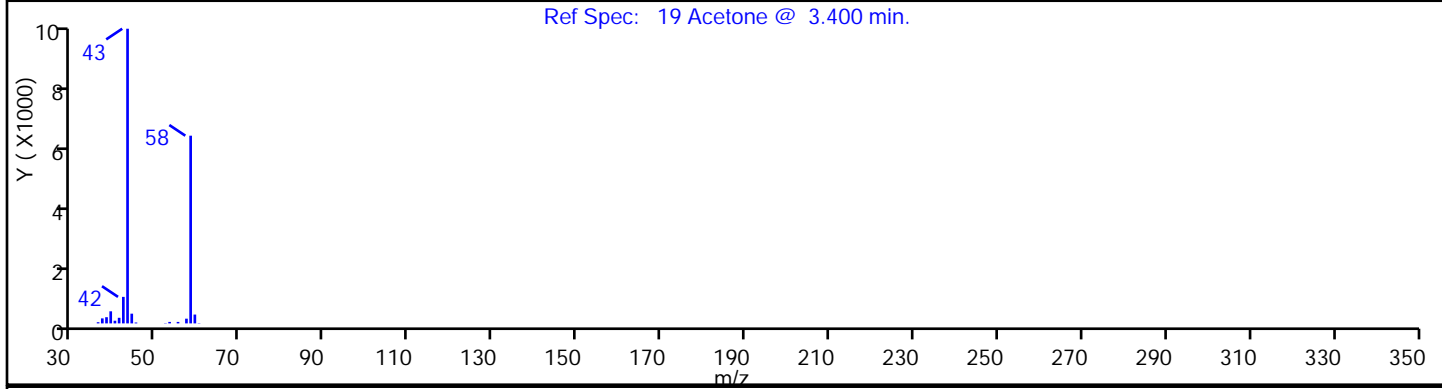
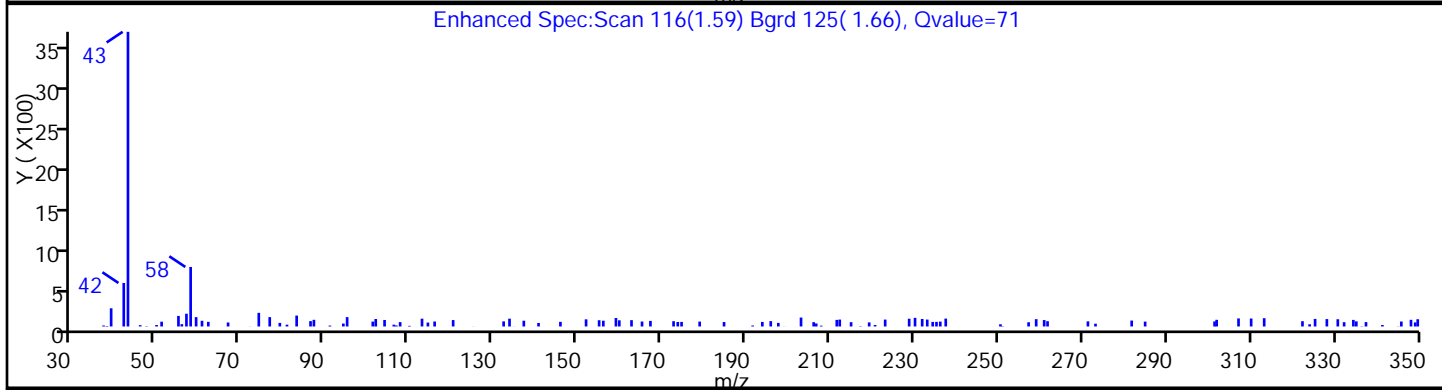
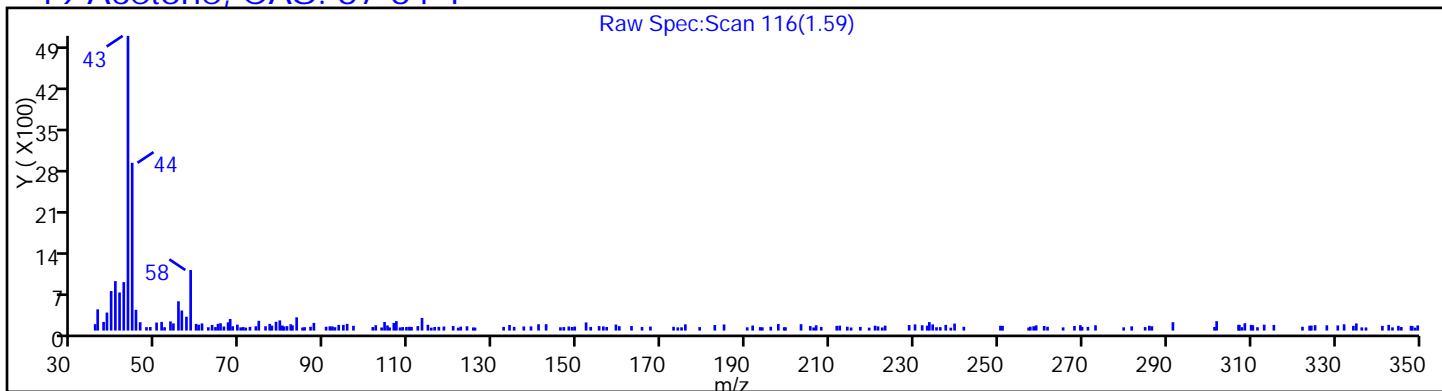
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.)	Diff 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	

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

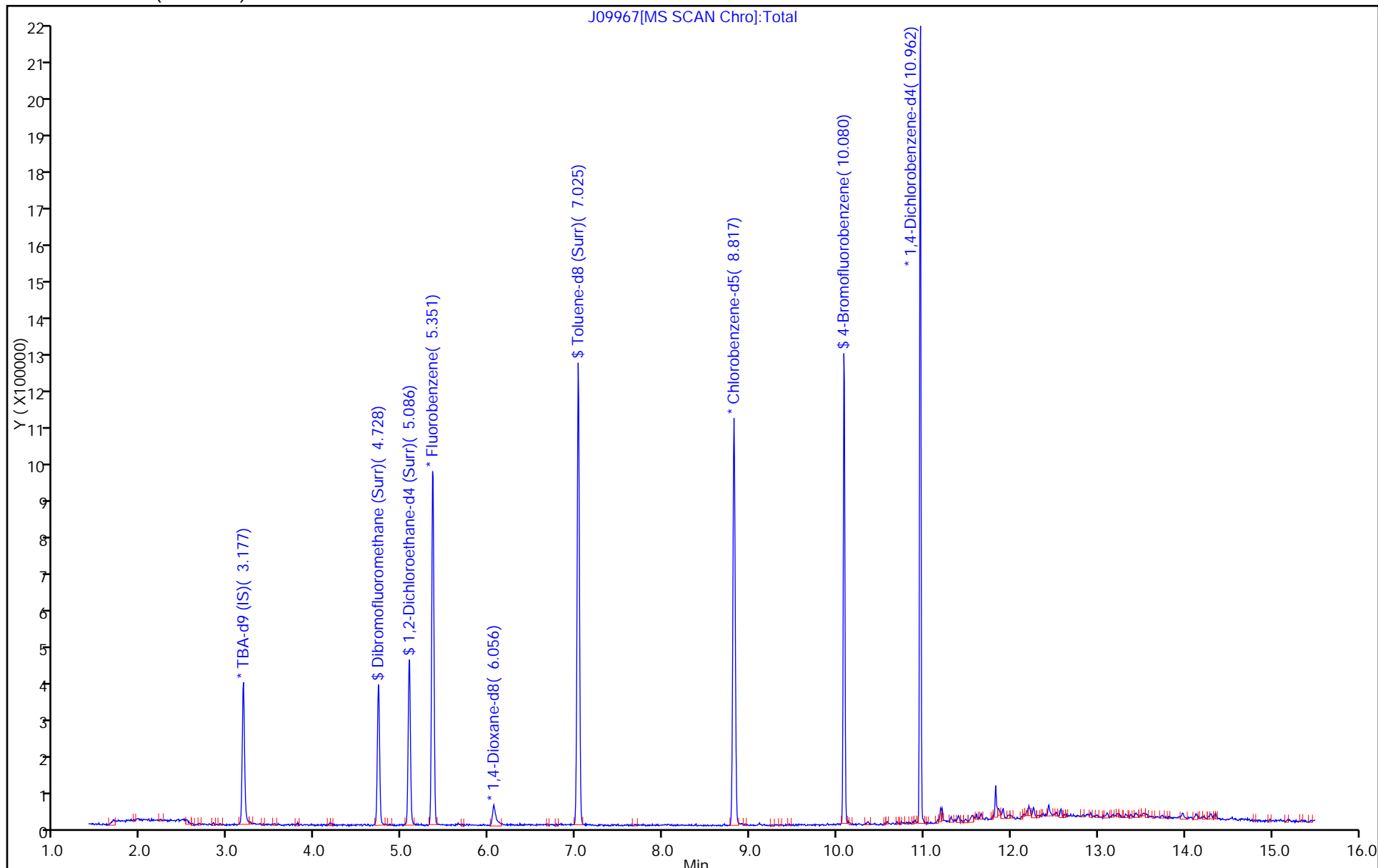
Dil. Factor: 50.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212542/6
 Matrix: Solid Lab File ID: O84778.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 06:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 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	5.18		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212542/6
 Matrix: Solid Lab File ID: O84778.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 06:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 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)	87		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	93		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212542/6
 Matrix: Solid Lab File ID: O84778.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 06:44
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 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\CVOAMS12\20140314-10850.b\O84778.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Mar-2014 06:44:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0010850-006
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:50:21 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:50:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
19 Acetone	43	1.585	1.585	0.0	79	9702	5.18	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	91	471097	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	145280	45.2	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.297	3.297	-0.001	85	146121	43.7	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	794419	50.0	
* 150 1,4-Dioxane-d8	96	4.285	4.271	0.014	90	46581	1000.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	671790	44.1	
* 87 Chlorobenzene-d5	117	7.122	7.122	0.0	88	580674	50.0	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	84	190628	46.6	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	97	275746	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84778.D

Injection Date: 14-Mar-2014 06:44:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

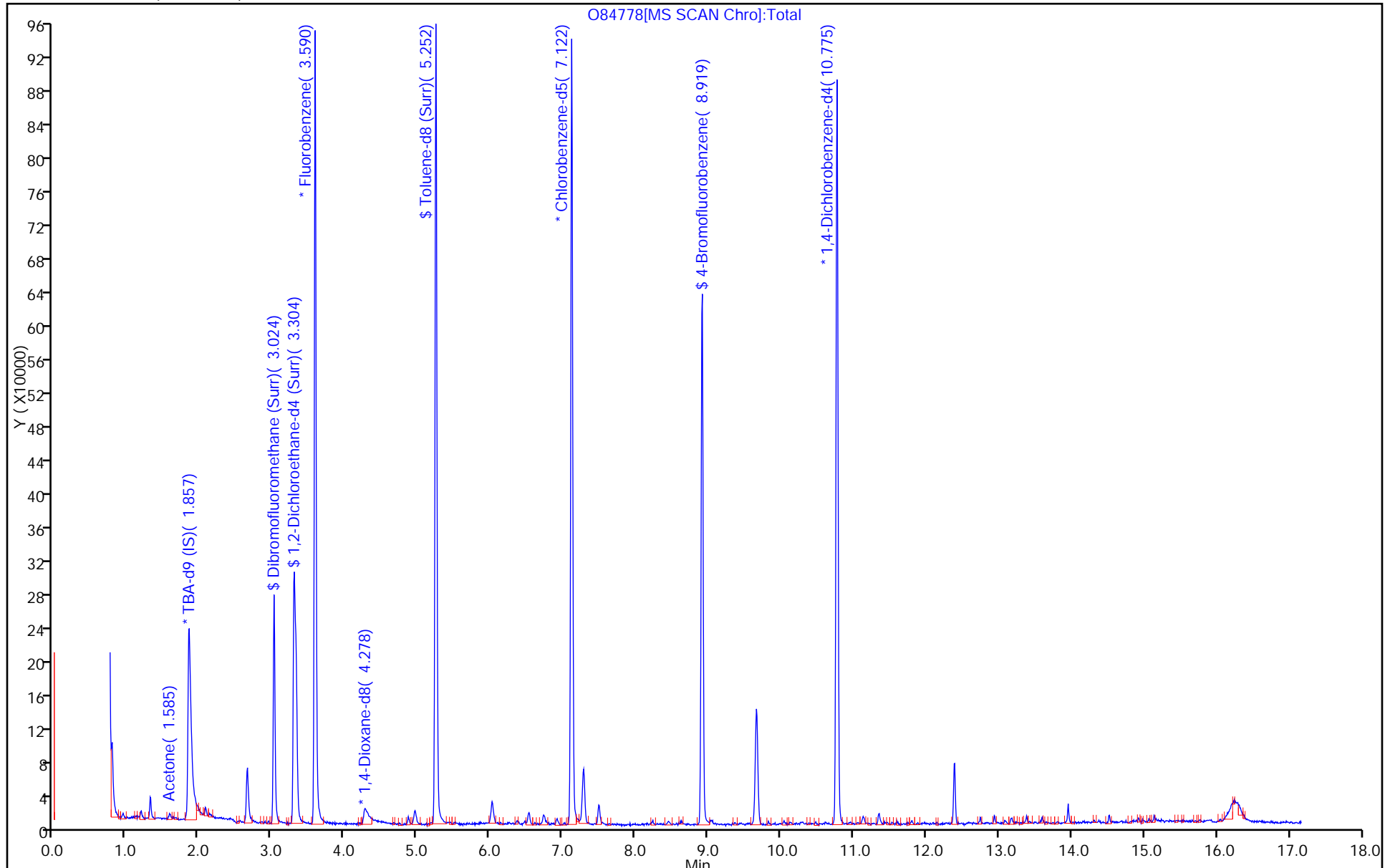
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84778.D

Injection Date: 14-Mar-2014 06:44:30

Instrument ID: CVOAMS12

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS12

ALS Bottle#: 5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

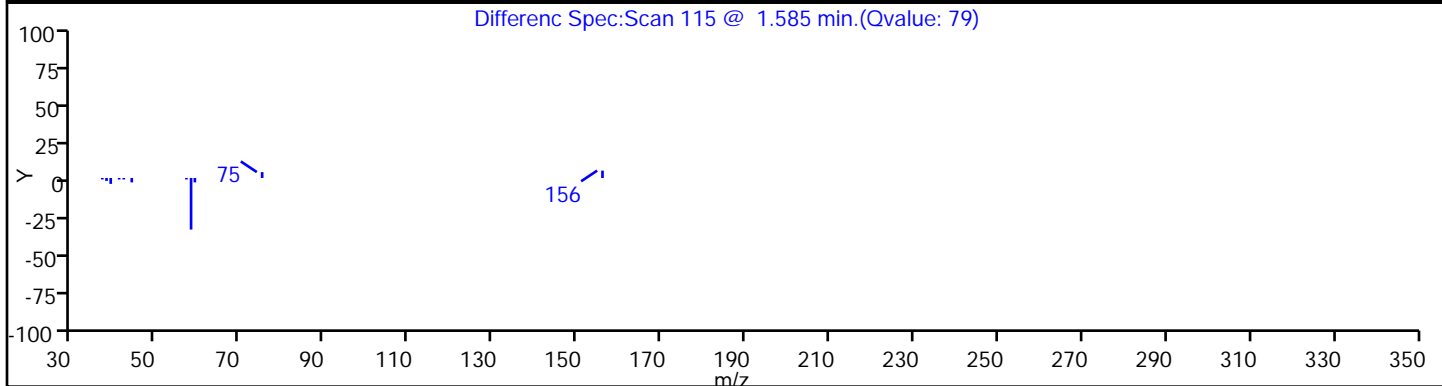
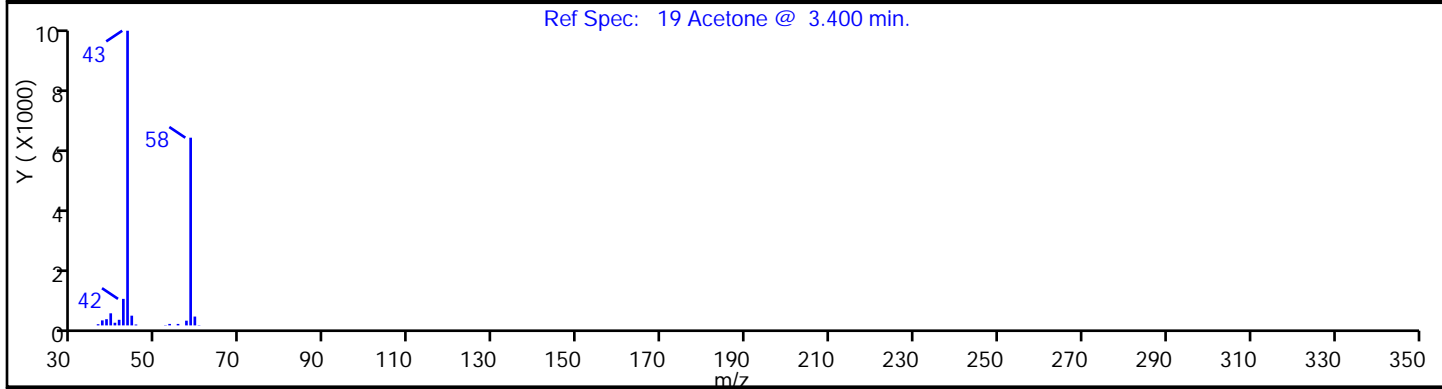
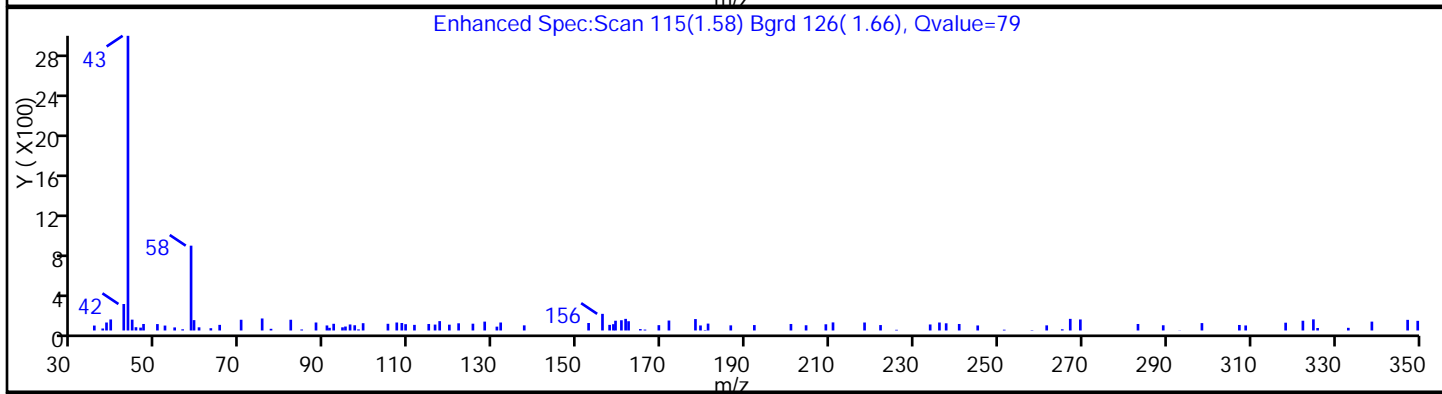
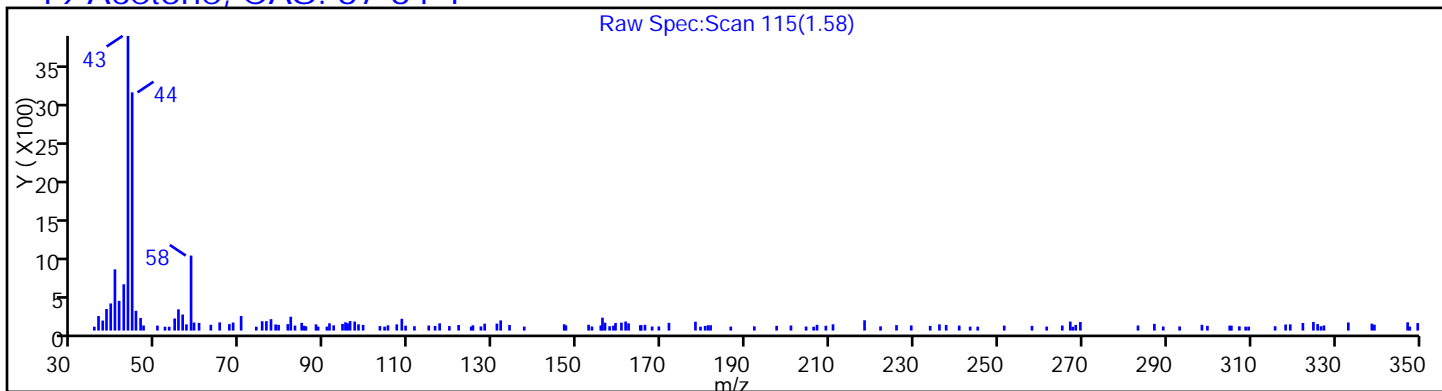
Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212620/6
 Matrix: Solid Lab File ID: J09997.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/14/2014 12:05
 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.: 212620 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212620/6
 Matrix: Solid Lab File ID: J09997.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/14/2014 12:05
 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.: 212620 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)	107		75-135
2037-26-5	Toluene-d8 (Surr)	112		59-150
460-00-4	Bromofluorobenzene	111		72-133
1868-53-7	Dibromofluoromethane (Surr)	109		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212620/6
 Matrix: Solid Lab File ID: J09997.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/14/2014 12:05
 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.: 212620 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\20140314-10873.b\J09997.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 14-Mar-2014 12:05:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: MB
 Misc. Info.: 460-0010873-006
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 13:59:26 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: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 13:59:26

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
* 151 TBA-d9 (IS)	65	3.176	3.179	-0.003	63	431962	1000.0	
\$ 152 Dibromofluoromethane (Surr)	113	4.727	4.731	-0.004	95	216349	54.5	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.086	5.083	0.003	96	291111	53.6	
* 59 Fluorobenzene	96	5.356	5.353	0.003	97	722556	50.0	
* 150 1,4-Dioxane-d8	96	6.061	6.058	0.003	81	49063	1000.0	
\$ 76 Toluene-d8 (Surr)	98	7.024	7.028	-0.004	98	828992	55.8	
* 87 Chlorobenzene-d5	117	8.816	8.820	-0.004	86	605416	50.0	
\$ 99 4-Bromofluorobenzene	174	10.086	10.083	0.003	93	287188	55.4	
* 116 1,4-Dichlorobenzene-d4	152	10.961	10.959	0.002	95	351665	50.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J09997.D

Injection Date: 14-Mar-2014 12:05:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: MB

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

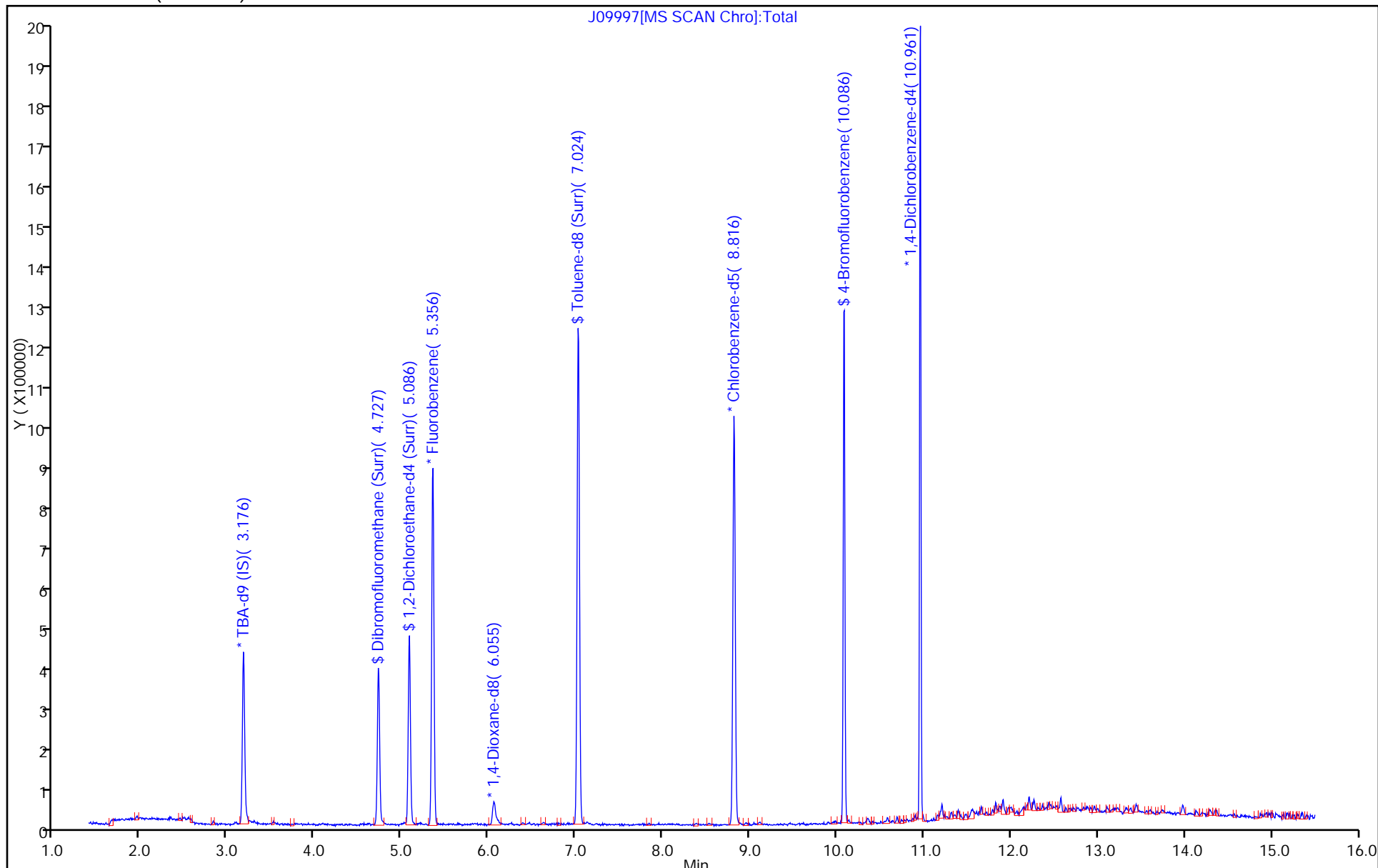
Dil. Factor: 50.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212288/4
 Matrix: Water Lab File ID: A00519.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 07:06
 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.: 212288 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.6		1.0	0.10
74-83-9	Bromomethane	18.8		1.0	0.18
75-01-4	Vinyl chloride	18.2		1.0	0.14
75-00-3	Chloroethane	18.0		1.0	0.17
75-09-2	Methylene Chloride	19.3		1.0	0.18
67-64-1	Acetone	73.0		5.0	2.7
75-15-0	Carbon disulfide	18.2		1.0	0.13
75-69-4	Trichlorofluoromethane	20.0		1.0	0.15
75-35-4	1,1-Dichloroethene	20.1		1.0	0.090
75-34-3	1,1-Dichloroethane	20.2		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.18
67-66-3	Chloroform	19.3		1.0	0.080
78-93-3	2-Butanone	95.4		5.0	2.3
107-06-2	1,2-Dichloroethane	19.4		1.0	0.19
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.060
56-23-5	Carbon tetrachloride	20.8		1.0	0.060
71-43-2	Benzene	20.3		1.0	0.080
75-25-2	Bromoform	15.5		1.0	0.19
100-42-5	Styrene	18.5		1.0	0.12
100-41-4	Ethylbenzene	19.5		1.0	0.10
108-90-7	Chlorobenzene	18.9		1.0	0.11
110-82-7	Cyclohexane	22.4		1.0	0.16
98-82-8	Isopropylbenzene	17.0		1.0	0.080
591-78-6	2-Hexanone	88.6		5.0	0.50
1634-04-4	MTBE	18.8		1.0	0.14
76-13-1	Freon TF	23.2		1.0	0.080
79-20-9	Methyl acetate	97.7		5.0	0.34
123-91-1	1,4-Dioxane	489		50	36
79-01-6	Trichloroethene	19.9		1.0	0.090
108-88-3	Toluene	19.7		1.0	0.15
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.24
108-10-1	4-Methyl-2-pentanone	97.6		5.0	0.99
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.18
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.21
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212288/4
 Matrix: Water Lab File ID: A00519.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 07:06
 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.: 212288 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.23
120-82-1	1,2,4-Trichlorobenzene	22.3		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	26.5		1.0	0.51
78-87-5	1,2-Dichloropropane	18.5		1.0	0.090
108-87-2	Methylcyclohexane	21.5		1.0	0.14
127-18-4	Tetrachloroethene	21.0		1.0	0.10
1330-20-7	Xylenes, Total	39.0		2.0	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.16
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.19
124-48-1	Dibromochloromethane	16.4		1.0	0.20
106-93-4	1,2-Dibromoethane	19.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	17.4		1.0	0.22
74-97-5	Bromochloromethane	18.2		1.0	0.27
75-27-4	Bromodichloromethane	17.2		1.0	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	105		70-130
460-00-4	Bromofluorobenzene	103		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\A00519.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Mar-2014 07:06:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0010800-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\8260624W_1.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 13-Mar-2014 13:32:25 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: XAWRK012

First Level Reviewer: moroneyc

Date: 13-Mar-2014 07:27:04

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Propene	41	1.637	1.631	0.006	97	215246	53.2	
2 Chlorotrifluoroethene	66	1.667	1.649	0.018	79	28582	18.9	
3 Dichlorodifluoromethane	85	1.686	1.692	-0.006	98	136557	17.4	
153 1,2-Dichloro-1,1,2,2-tetrafluoro	135	1.832	1.820	0.012	0	50389	NC	
4 Chloromethane	50	1.844	1.838	0.006	89	148071	16.6	
6 Vinyl chloride	62	1.972	1.972	0.0	98	149879	18.2	
5 Butadiene	54	1.978	1.978	0.0	83	129021	18.2	
9 Bromomethane	94	2.301	2.295	0.006	100	83990	18.8	
10 Chloroethane	64	2.393	2.393	0.0	96	83751	18.0	
12 Dichlorofluoromethane	67	2.606	2.606	0.0	90	212206	19.2	
13 Trichlorofluoromethane	101	2.624	2.630	-0.006	83	148358	20.0	
17 Acrolein	56	2.643	2.637	0.006	28	13418	29.9	
11 Pentane	72	2.643	2.643	0.0	98	46326	52.2	
16 Ethanol	46	2.880	2.868	0.012	51	10481	1159.9	
14 Ethyl ether	59	2.874	2.868	0.006	89	87169	22.4	
15 2-Methyl-1,3-butadiene	67	2.893	2.886	0.007	95	279989	19.7	
8 1,2-Dichloro-1,1,2-trifluoroetha	117	2.941	2.941	0.0	35	80293	19.2	
7 2-Chloropropane	63	2.984	2.984	0.0	95	47779	23.8	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.069	3.075	-0.006	92	99904	23.2	M
20 1,1-Dichloroethene	96	3.088	3.088	0.0	88	94297	20.1	
21 Acetone	43	3.204	3.197	0.007	79	116573	73.0	
22 Iodomethane	142	3.252	3.246	0.006	98	154212	22.5	
23 Carbon disulfide	76	3.283	3.283	0.0	100	325270	18.2	
138 Isopropyl alcohol	45	3.301	3.289	0.012	64	31677	226.2	
141 3-Chloro-1-propene	76	3.429	3.423	0.006	0	55188	17.3	
25 Cyclopentene	67	3.447	3.441	0.006	88	282475	19.3	
24 Methyl acetate	43	3.454	3.447	0.007	99	347912	97.7	
26 Acetonitrile	41	3.551	3.545	0.006	40	181520	206.9	
18 1-Chloropropane	63	3.557	3.551	0.006	95	17903	47.1	
27 Methylene Chloride	84	3.563	3.557	0.006	82	107723	19.3	
* 28 TBA-d9 (IS)	65	3.588	3.588	0.0	96	287118	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
29 2-Methyl-2-propanol	59	3.661	3.642	0.019	47	73733	243.0	
30 Methyl tert-butyl ether	73	3.728	3.722	0.006	96	282943	18.8	
31 trans-1,2-Dichloroethene	96	3.740	3.740	0.0	94	103901	20.3	
32 Acrylonitrile	53	3.825	3.825	0.0	94	363482	203.1	
33 Hexane	43	3.892	3.892	0.0	93	106780	24.3	
34 Isopropyl ether	45	4.100	4.100	0.0	98	355512	21.0	
35 1,1-Dichloroethane	63	4.124	4.124	0.0	93	189378	20.2	
38 Allyl alcohol	57	4.185	4.142	0.043	26	24175	673.9	
36 Vinyl acetate	43	4.142	4.142	0.0	100	473306	39.1	
37 2-Chloro-1,3-butadiene	88	4.167	4.161	0.006	85	86289	19.4	
39 Tert-butyl ethyl ether	59	4.386	4.380	0.006	88	314485	20.1	
40 2,2-Dichloropropane	77	4.575	4.569	0.006	87	144390	19.4	
41 cis-1,2-Dichloroethene	96	4.587	4.587	0.0	89	107408	19.3	
42 Ethyl acetate	70	4.606	4.587	0.019	95	16231	48.3	
43 2-Butanone (MEK)	72	4.612	4.606	0.006	95	43177	95.4	
44 Methyl acrylate	55	4.655	4.648	0.007	64	69583	20.1	
45 Propionitrile	54	4.728	4.728	0.0	97	112881	232.4	
47 Chlorobromomethane	128	4.776	4.776	0.0	97	45937	18.2	
46 Tetrahydrofuran	42	4.789	4.789	0.0	32	65743	48.8	
48 Methacrylonitrile	67	4.807	4.807	0.0	93	359970	210.6	
49 Chloroform	83	4.819	4.819	0.0	82	162204	19.3	
50 Cyclohexane	56	4.929	4.929	0.0	92	202610	22.4	
51 1,1,1-Trichloroethane	97	4.947	4.941	0.006	86	138794	19.8	
\$ 52 Dibromofluoromethane (Surr)	113	4.947	4.947	0.0	86	199627	52.1	
53 Carbon tetrachloride	117	5.039	5.039	0.001	89	113355	20.8	
54 1,1-Dichloropropene	75	5.063	5.057	0.006	96	133402	22.3	
155 Isooctane	57	5.191	5.185	0.006	0	380695	NC	
57 Isobutyl alcohol	43	5.191	5.185	0.006	56	130673	583.1	
55 Benzene	78	5.221	5.221	0.0	94	397822	20.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	5.234	5.227	0.007	95	229781	52.5	
58 Isopropyl acetate	43	5.258	5.258	0.0	88	260701	20.1	
59 Tert-amyl methyl ether	73	5.264	5.264	0.0	81	286241	20.1	
60 1,2-Dichloroethane	62	5.289	5.288	0.001	89	112808	19.4	
61 n-Heptane	57	5.331	5.325	0.006	93	86035	22.2	
* 62 Fluorobenzene	96	5.447	5.441	0.006	98	705132	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.606	5.605	0.001	95	589916	40.7	
140 n-Butanol	56	5.654	5.660	-0.006	21	35770	548.2	
64 Trichloroethene	95	5.721	5.715	0.006	98	91661	19.9	
65 Ethyl acrylate	55	5.825	5.819	0.006	96	243932	21.9	
66 Methylcyclohexane	83	5.825	5.825	0.0	97	186050	21.5	
67 1,2-Dichloropropane	63	5.965	5.965	0.0	91	96236	18.5	
68 Methyl methacrylate	100	6.008	6.008	0.0	94	39162	38.5	
* 69 1,4-Dioxane-d8	96	6.026	6.020	0.006	67	26596	1000.0	
70 n-Propyl acetate	43	6.044	6.044	0.0	91	104373	20.3	
71 1,4-Dioxane	88	6.069	6.057	0.012	10	10981	489.0	
72 Dibromomethane	93	6.069	6.069	0.0	97	48661	18.8	
73 Dichlorobromomethane	83	6.191	6.191	0.0	96	105278	17.2	
74 2-Chloroethyl vinyl ether	63	6.477	6.471	0.006	90	38745	18.0	
75 2-Nitropropane	41	6.490	6.489	0.001	87	31244	38.8	
76 Epichlorohydrin	57	6.575	6.575	0.0	99	118220	377.1	
77 cis-1,3-Dichloropropene	75	6.618	6.617	0.001	92	128781	18.5	
78 4-Methyl-2-pentanone (MIBK)	43	6.746	6.745	0.001	97	411604	97.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
\$ 79 Toluene-d8 (Surr)	98	6.813	6.813	0.0	98	755212	52.4	
80 Toluene	91	6.867	6.867	0.0	93	369154	19.7	
81 trans-1,3-Dichloropropene	75	7.099	7.099	0.0	95	105717	18.8	
82 Ethyl methacrylate	69	7.105	7.105	0.0	89	108370	18.3	
83 1,1,2-Trichloroethane	83	7.245	7.239	0.006	94	59604	19.2	
84 Tetrachloroethene	166	7.282	7.282	0.0	91	86337	21.0	
85 1,3-Dichloropropane	76	7.380	7.373	0.007	93	115899	19.2	
86 2-Hexanone	43	7.404	7.404	0.0	80	229118	88.6	
87 n-Butyl acetate	73	7.459	7.459	0.0	99	20833	25.0	
88 Chlorodibromomethane	129	7.520	7.520	0.0	97	61910	16.4	
89 Ethylene Dibromide	107	7.617	7.617	0.0	98	62534	19.1	
* 90 Chlorobenzene-d5	117	7.910	7.910	0.0	86	444855	50.0	
91 Chlorobenzene	112	7.928	7.928	0.0	92	218861	18.9	
92 Ethylbenzene	106	7.971	7.971	0.0	98	131359	19.5	
93 1,1,1,2-Tetrachloroethane	131	7.983	7.983	0.0	86	82999	17.9	
94 m-Xylene & p-Xylene	106	8.050	8.050	0.0	0	161286	19.5	
95 n-Butyl acrylate	73	8.264	8.263	0.001	95	64744	19.6	
96 o-Xylene	106	8.306	8.306	0.0	89	167771	19.5	
97 Styrene	104	8.325	8.324	0.001	95	262579	18.5	
98 Amyl acetate (mixed isomers)	43	8.398	8.398	0.0	91	160498	19.5	
99 Bromoform	173	8.459	8.459	0.0	96	40841	15.5	
100 Isopropylbenzene	105	8.520	8.520	0.0	96	456234	17.0	
\$ 101 4-Bromofluorobenzene	174	8.642	8.648	-0.006	87	232627	51.4	
102 Camphene	41	8.660	8.660	0.0	95	37924	21.2	
103 1,1,2,2-Tetrachloroethane	83	8.733	8.733	0.0	75	98342	18.9	
104 Bromobenzene	156	8.733	8.739	-0.006	96	97633	18.1	
105 N-Propylbenzene	91	8.757	8.757	0.0	94	558181	17.3	
139 trans-1,4-Dichloro-2-butene	53	8.770	8.776	-0.006	68	26410	17.4	
106 1,2,3-Trichloropropane	110	8.770	8.776	-0.006	89	28223	19.3	
107 4-Ethyltoluene	105	8.818	8.824	-0.006	94	464804	20.5	
108 2-Chlorotoluene	91	8.831	8.830	0.001	95	378936	19.7	
109 1,3,5-Trimethylbenzene	105	8.855	8.861	-0.006	75	395450	17.4	
110 Butyl Methacrylate	87	8.891	8.891	0.0	92	139151	18.6	
111 4-Chlorotoluene	91	8.898	8.898	0.0	97	320088	19.8	
112 tert-Butylbenzene	119	9.038	9.038	0.0	92	301619	16.8	
113 1,2,4-Trimethylbenzene	105	9.068	9.074	-0.006	97	399647	17.2	
114 sec-Butylbenzene	105	9.160	9.166	-0.006	99	498075	16.3	
115 4-Isopropyltoluene	119	9.239	9.245	-0.006	93	420408	16.6	
116 1,3-Dichlorobenzene	146	9.263	9.269	-0.006	96	207054	19.3	
* 117 1,4-Dichlorobenzene-d4	152	9.306	9.306	0.0	95	268076	50.0	
118 1,4-Dichlorobenzene	146	9.318	9.324	-0.006	93	213456	19.5	
119 Benzyl chloride	91	9.404	9.410	-0.006	98	190599	18.2	
120 2,3-Dihydroindene	117	9.452	9.458	-0.006	88	434234	19.6	
121 p-Diethylbenzene	119	9.465	9.471	-0.006	89	287479	20.7	
122 n-Butylbenzene	92	9.483	9.489	-0.006	98	245718	18.6	
123 1,2-Dichlorobenzene	146	9.556	9.556	0.0	96	205656	19.5	
124 1,2,4,5-Tetramethylbenzene	119	9.977	9.983	-0.006	95	382391	20.1	
125 1,2-Dibromo-3-Chloropropane	75	10.080	10.086	-0.006	94	14372	21.2	
126 1,3,5-Trichlorobenzene	180	10.178	10.184	-0.006	96	166689	21.1	
127 Camphor	95	10.617	10.617	0.0	93	35479	130.6	
128 1,2,4-Trichlorobenzene	180	10.684	10.690	-0.006	91	136227	22.3	
129 Hexachlorobutadiene	225	10.757	10.769	-0.012	94	72827	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
130 Naphthalene	128	10.922	10.928	-0.006	99	246423	26.5	
133 1,2,3-Trichlorobenzene	180	11.141	11.147	-0.006	95	98976	26.5	
S 137 Xylenes, Total	100				0		39.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Data File: \\EDICHRON\ChromData\CVOAMS1\20140313-10800.b\A00519.D

Injection Date: 13-Mar-2014 07:06:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

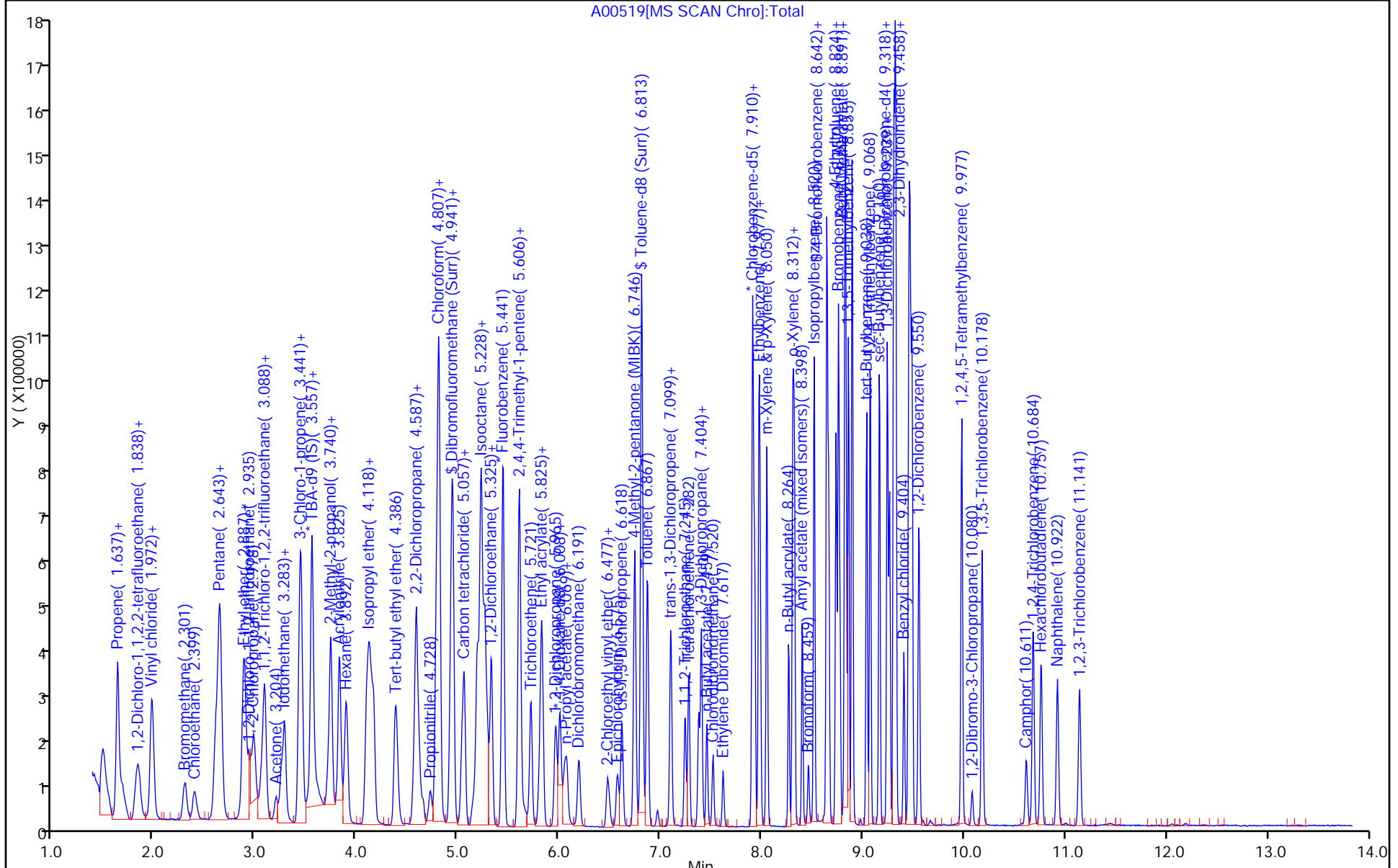
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260B Water and Solid

Column: Rtx-624 (0.25 mm)



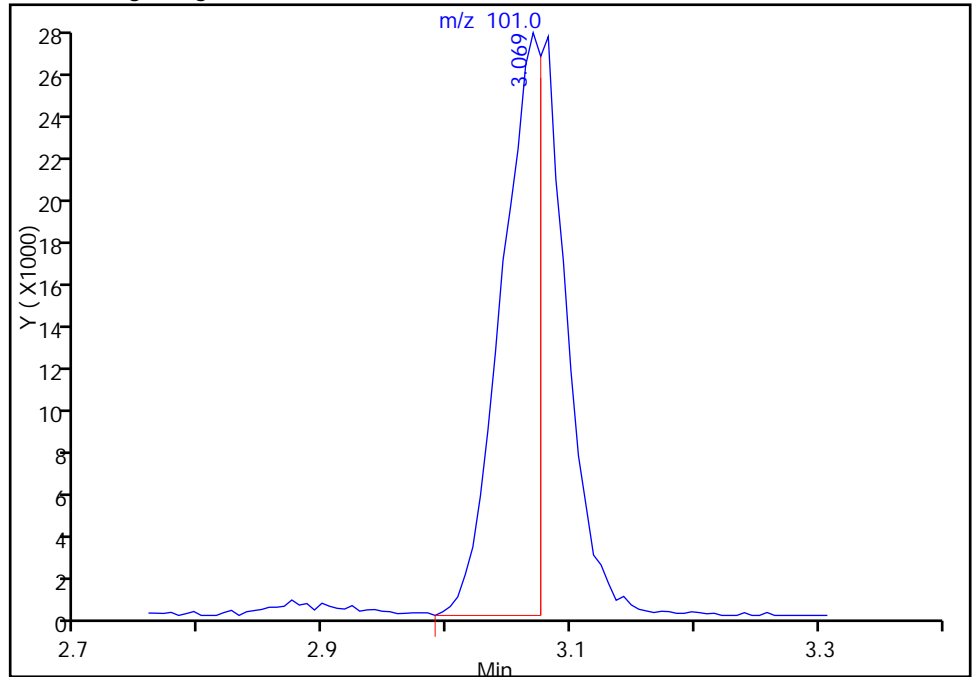
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS1\20140313-10800.b\A00519.D
Injection Date: 13-Mar-2014 07:06:30 Instrument ID: CVOAMS1
Lims ID: LCS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260B Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

19 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

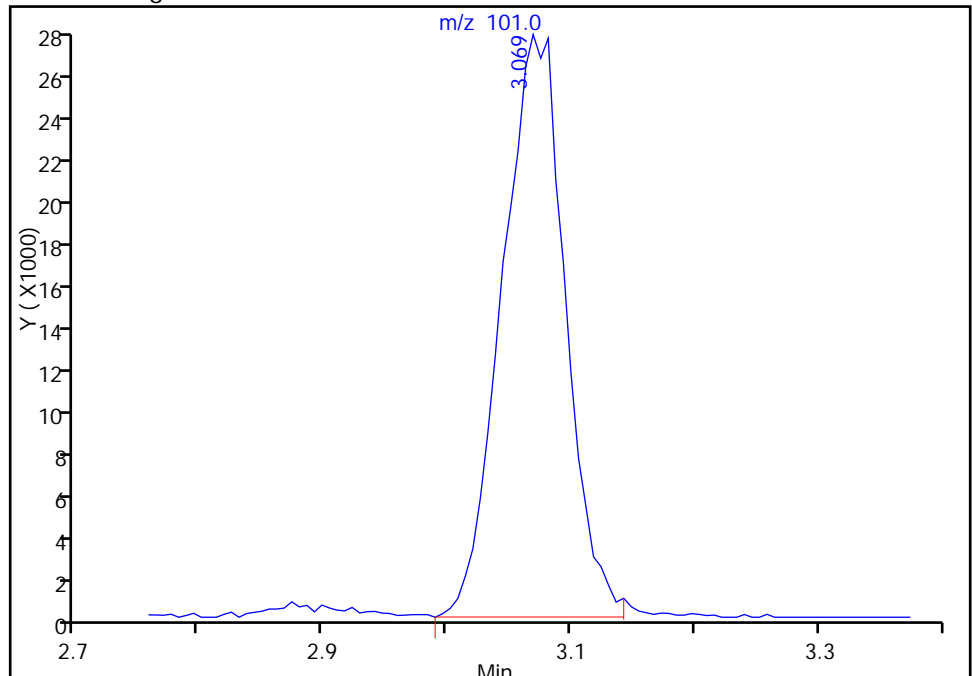
RT: 3.07
Response: 63784
Amount: 14.830360

Processing Integration Results



RT: 3.07
Response: 99904
Amount: 23.228588

Manual Integration Results



Reviewer: delpolitov, 13-Mar-2014 13:32:25
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212436/3
 Matrix: Solid Lab File ID: O84752.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 18:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	26.8		1.0	0.16
74-83-9	Bromomethane	27.5		1.0	0.43
75-01-4	Vinyl chloride	23.3		1.0	0.34
75-00-3	Chloroethane	24.9		1.0	0.33
75-09-2	Methylene Chloride	21.5		1.0	0.15
67-64-1	Acetone	82.5		5.0	1.7
75-15-0	Carbon disulfide	22.4		1.0	0.15
75-69-4	Trichlorofluoromethane	25.3		1.0	0.16
75-35-4	1,1-Dichloroethene	22.1		1.0	0.19
75-34-3	1,1-Dichloroethane	21.3		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.11
67-66-3	Chloroform	19.9		1.0	0.24
78-93-3	2-Butanone	92.6		5.0	0.63
107-06-2	1,2-Dichloroethane	18.7		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.13
56-23-5	Carbon tetrachloride	18.7		1.0	0.15
71-43-2	Benzene	18.7		1.0	0.15
75-25-2	Bromoform	16.7		1.0	0.17
100-42-5	Styrene	20.4		1.0	0.28
100-41-4	Ethylbenzene	19.6		1.0	0.17
108-90-7	Chlorobenzene	20.4		1.0	0.18
110-82-7	Cyclohexane	19.3		1.0	0.13
98-82-8	Isopropylbenzene	20.8		1.0	0.11
591-78-6	2-Hexanone	88.1		5.0	0.13
1634-04-4	MTBE	19.4		1.0	0.11
76-13-1	Freon TF	22.3		1.0	0.11
79-20-9	Methyl acetate	97.3		5.0	0.32
123-91-1	1,4-Dioxane	485		20	13
79-01-6	Trichloroethene	19.0		1.0	0.12
108-88-3	Toluene	19.3		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	89.0		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	20.2		1.0	0.10
541-73-1	1,3-Dichlorobenzene	20.0		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212436/3
 Matrix: Solid Lab File ID: O84752.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 18:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	21.5		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.9		1.0	0.16
78-87-5	1,2-Dichloropropane	18.6		1.0	0.15
108-87-2	Methylcyclohexane	19.9		1.0	0.10
127-18-4	Tetrachloroethene	19.6		1.0	0.12
1330-20-7	Xylenes, Total	39.3		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.7		1.0	0.14
124-48-1	Dibromochloromethane	17.4		1.0	0.10
106-93-4	1,2-Dibromoethane	18.3		1.0	0.15
75-71-8	Dichlorodifluoromethane	24.9		1.0	0.22
74-97-5	Bromochloromethane	21.0		1.0	0.11
75-27-4	Bromodichloromethane	18.8		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)	92		70-130
460-00-4	Bromofluorobenzene	100		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84752.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Mar-2014 18:28:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0010824-003
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:33:15 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolitov

Date: 14-Mar-2014 08:33:15

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.847	0.847	0.0	88	193909	24.9	
2 Chloromethane	50	0.933	0.933	0.0	99	201498	26.8	
149 Butadiene	54	0.976	0.976	0.0	98	181992	22.3	
4 Vinyl chloride	62	0.976	0.976	0.0	73	207049	23.3	
6 Bromomethane	94	1.119	1.119	0.0	99	89295	27.5	
7 Chloroethane	64	1.162	1.162	0.0	97	94690	24.9	
9 Dichlorofluoromethane	67	1.262	1.262	0.0	90	255293	25.0	
8 Trichlorofluoromethane	101	1.284	1.284	0.0	87	205696	25.3	
10 Pentane	72	1.319	1.319	0.0	96	48173	41.1	
11 Ethanol	46	1.391	1.398	-0.007	71	22473	746.9	M
13 Ethyl ether	59	1.427	1.427	0.0	91	88862	18.0	
14 2-Methyl-1,3-butadiene	67	1.434	1.441	-0.007	97	177707	20.3	
17 Acrolein	56	1.499	1.506	-0.007	95	123258	267.6	
16 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.542	1.549	-0.007	63	116850	22.3	
18 1,1-Dichloroethene	96	1.542	1.549	-0.007	95	110488	22.1	
19 Acetone	43	1.585	1.592	-0.008	86	169733	82.5	
20 Iodomethane	142	1.627	1.627	0.0	98	117121	19.5	
21 Carbon disulfide	76	1.656	1.656	0.0	99	399003	22.4	
34 Isopropyl alcohol	45	1.670	1.670	0.0	1	66958	185.8	
147 3-Chloro-1-propene	76	1.742	1.749	-0.007	92	85522	22.1	
23 Methyl acetate	43	1.764	1.771	-0.007	99	470315	97.3	
24 Acetonitrile	39	1.785	1.785	0.0	39	117018	213.3	
22 Cyclopentene	67	1.785	1.785	0.0	87	350270	22.1	
25 Methylene Chloride	84	1.821	1.821	0.0	91	130723	21.5	
* 151 TBA-d9 (IS)	65	1.857	1.864	-0.007	99	519461	1000.0	
26 2-Methyl-2-propanol	59	1.907	1.907	0.0	94	132507	174.1	
29 trans-1,2-Dichloroethene	96	1.978	1.978	0.0	87	115393	21.0	
30 Acrylonitrile	53	1.971	1.978	-0.007	96	417142	205.6	
27 Methyl tert-butyl ether	73	1.978	1.986	-0.008	96	293367	19.4	
32 Hexane	43	2.143	2.143	0.0	94	139094	16.6	
36 1,1-Dichloroethane	63	2.244	2.243	0.001	93	230549	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.294	2.294	0.0	100	575804	38.6	
35 Isopropyl ether	45	2.294	2.301	-0.007	76	391695	17.7	
33 2-Chloro-1,3-butadiene	88	2.301	2.301	0.0	85	110888	21.1	
38 Allyl alcohol	57	2.308	2.308	0.0	31	45088	349.7	
40 Tert-butyl ethyl ether	59	2.552	2.551	0.001	90	320090	18.5	
41 2,2-Dichloropropane	77	2.637	2.645	-0.007	91	170301	18.6	
42 cis-1,2-Dichloroethene	96	2.645	2.652	-0.007	90	129844	19.6	
43 2-Butanone (MEK)	72	2.680	2.680	0.0	99	64542	92.6	
44 Ethyl acetate	43	2.723	2.730	-0.007	99	200777	33.0	
48 Propionitrile	54	2.738	2.730	0.008	83	151798	205.5	
39 Methyl acrylate	55	2.745	2.752	-0.007	87	123462	17.6	
46 Chlorobromomethane	128	2.831	2.831	0.0	97	54603	21.0	
31 Methacrylonitrile	67	2.838	2.838	0.0	92	449738	202.4	
45 Tetrahydrofuran	71	2.867	2.867	0.0	90	25969	33.8	
47 Chloroform	83	2.895	2.895	0.0	93	197215	19.9	
50 1,1,1-Trichloroethane	97	3.024	3.024	0.0	80	166035	19.7	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	96	194582	49.4	
49 Cyclohexane	56	3.060	3.060	0.0	92	241683	19.3	
51 Carbon tetrachloride	117	3.153	3.153	0.0	89	139458	18.7	
52 1,1-Dichloropropene	75	3.160	3.160	0.0	96	154822	18.6	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.296	0.0	85	187253	45.7	
53 Benzene	78	3.332	3.332	0.0	93	492363	18.7	
56 Isobutyl alcohol	43	3.339	3.339	0.0	89	131707	461.2	
55 1,2-Dichloroethane	62	3.361	3.361	0.0	95	126001	18.7	
57 Isopropyl acetate	43	3.454	3.454	0.0	92	308589	18.5	
142 Tert-amyl methyl ether	73	3.454	3.454	0.0	79	303931	19.6	
58 n-Heptane	57	3.590	3.590	0.0	91	159456	20.8	
* 59 Fluorobenzene	96	3.590	3.590	0.0	98	973486	50.0	
60 2,4,4-Trimethyl-1-pentene	57	3.891	3.891	0.0	95	830406	44.3	
61 Trichloroethene	95	3.934	3.934	0.0	95	118909	19.0	
62 n-Butanol	56	3.963	3.963	0.001	86	86780	402.7	
63 Methylcyclohexane	83	4.099	4.099	0.0	84	243737	19.9	
64 Ethyl acrylate	55	4.099	4.099	0.0	94	322484	18.9	
65 1,2-Dichloropropane	63	4.156	4.156	0.0	90	125754	18.6	
68 Dibromomethane	93	4.278	4.271	0.008	91	62020	19.6	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	1	51789	1000.0	
66 Methyl methacrylate	41	4.328	4.328	0.0	93	197350	37.6	
67 1,4-Dioxane	88	4.328	4.328	0.0	13	32282	485.4	
69 n-Propyl acetate	43	4.414	4.414	0.0	99	176969	18.6	
70 Dichlorobromomethane	83	4.457	4.457	0.0	96	140571	18.8	
71 2-Nitropropane	41	4.736	4.729	0.007	97	45489	32.9	
72 2-Chloroethyl vinyl ether	63	4.837	4.829	0.008	95	50403	24.4	
73 Epichlorohydrin	57	4.887	4.887	0.0	87	209788	364.8	
74 cis-1,3-Dichloropropene	75	4.958	4.958	0.0	88	186118	18.2	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	97	582614	89.0	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	98	866867	46.1	
77 Toluene	91	5.331	5.331	0.0	94	536472	19.3	
78 trans-1,3-Dichloropropene	75	5.653	5.653	0.0	94	152025	18.0	
82 Ethyl methacrylate	69	5.825	5.825	0.0	88	152443	17.4	
79 1,1,2-Trichloroethane	83	5.868	5.868	0.0	94	80765	17.7	
80 Tetrachloroethene	166	5.990	5.990	0.0	89	112252	19.6	
81 1,3-Dichloropropane	76	6.069	6.068	0.001	92	178108	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.248	6.248	0.0	97	437858	88.1	
84 Chlorodibromomethane	129	6.355	6.355	0.0	97	95855	17.4	
86 Ethylene Dibromide	107	6.463	6.462	0.001	95	95700	18.3	
85 n-Butyl acetate	43	6.470	6.470	0.0	99	171272	16.3	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	85	716956	50.0	
88 Chlorobenzene	112	7.157	7.157	0.0	93	337302	20.4	
90 1,1,1,2-Tetrachloroethane	131	7.308	7.308	0.0	90	106190	18.6	
89 Ethylbenzene	106	7.358	7.358	0.0	98	192585	19.6	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	96	232854	19.9	
92 o-Xylene	106	8.117	8.117	0.0	90	222740	19.3	
94 Styrene	104	8.153	8.153	0.0	94	387095	20.4	
93 n-Butyl acrylate	73	8.232	8.232	0.0	97	99563	18.7	
97 Bromoform	173	8.382	8.382	0.0	89	55952	16.7	
96 Amyl acetate (mixed isomers)	43	8.619	8.618	0.001	90	222483	16.1	
98 Isopropylbenzene	105	8.712	8.712	0.0	96	615495	20.8	
\$ 99 4-Bromofluorobenzene	174	8.919	8.919	0.0	84	253449	50.1	
95 Camphene	41	9.041	9.041	0.0	76	61072	20.0	
100 Bromobenzene	156	9.091	9.091	0.0	94	130051	19.4	
101 1,1,2,2-Tetrachloroethane	83	9.256	9.256	0.0	94	141723	18.2	
103 1,2,3-Trichloropropane	110	9.263	9.263	0.0	94	38198	16.3	
104 trans-1,4-Dichloro-2-butene	53	9.349	9.349	0.0	82	40283	17.5	
102 N-Propylbenzene	91	9.371	9.371	0.0	99	790191	20.5	
105 2-Chlorotoluene	91	9.435	9.442	-0.007	95	449812	20.3	
143 4-Ethyltoluene	105	9.564	9.564	0.0	98	645200	21.0	
107 4-Chlorotoluene	91	9.629	9.628	0.001	97	470356	20.6	
106 1,3,5-Trimethylbenzene	105	9.686	9.686	0.0	93	530151	19.9	
108 Butyl Methacrylate	87	9.987	9.987	0.0	90	177745	19.2	
109 tert-Butylbenzene	119	10.187	10.187	0.0	92	454964	21.1	
110 1,2,4-Trimethylbenzene	105	10.273	10.273	0.0	98	545254	20.1	
113 sec-Butylbenzene	105	10.553	10.552	0.001	99	729778	21.3	
115 1,3-Dichlorobenzene	146	10.653	10.653	0.0	93	265913	20.0	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	86	360152	50.0	
117 1,4-Dichlorobenzene	146	10.811	10.810	0.0	93	267968	20.1	
114 4-Isopropyltoluene	119	10.839	10.839	0.0	95	610156	22.4	
118 Benzyl chloride	91	11.083	11.083	0.0	98	255558	19.0	
119 2,3-Dihydroindene	117	11.219	11.219	0.0	93	511858	20.9	
121 1,2-Dichlorobenzene	146	11.376	11.376	0.0	93	249765	20.2	
133 p-Diethylbenzene	119	11.448	11.448	0.0	90	363298	22.0	
120 n-Butylbenzene	91	11.477	11.477	0.0	98	738774	21.6	
122 1,2-Dibromo-3-Chloropropane	157	12.372	12.372	0.0	87	24699	16.3	
132 1,2,4,5-Tetramethylbenzene	119	12.386	12.386	0.0	96	545730	22.2	
145 1,3,5-Trichlorobenzene	180	12.587	12.587	0.0	97	205322	22.3	
123 Camphor	95	13.088	13.088	0.0	92	77812	79.1	
124 1,2,4-Trichlorobenzene	180	13.181	13.181	0.0	94	184249	21.5	
126 Hexachlorobutadiene	225	13.361	13.360	0.001	86	104391	21.0	
127 Naphthalene	128	13.382	13.382	0.0	99	435012	20.9	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	93	163813	20.9	
S 131 Xylenes, Total	100				0		39.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84752.D

Injection Date: 13-Mar-2014 18:28:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

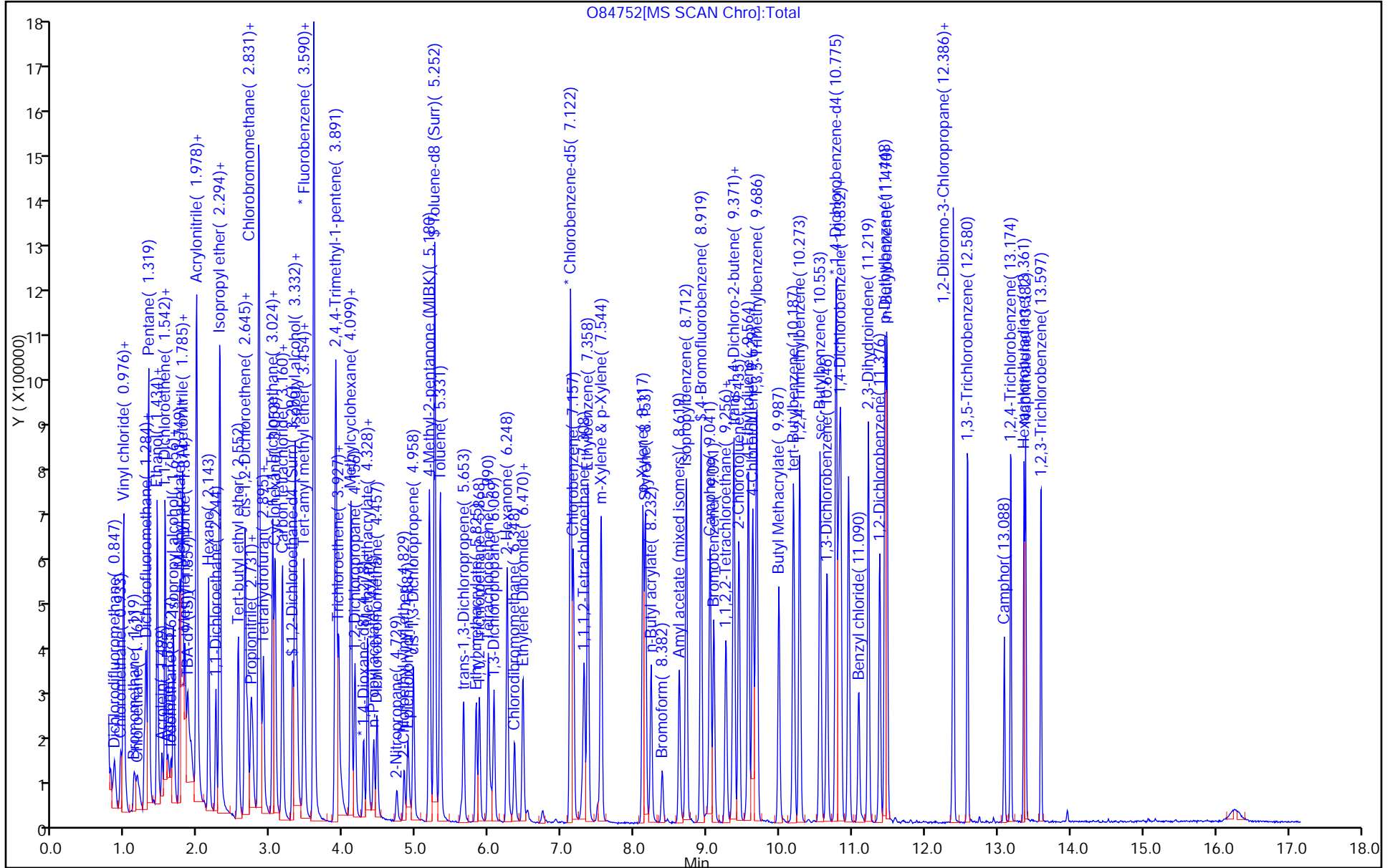
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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

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.)	Diff 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-trifluoroethane	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.)	Diff 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	

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

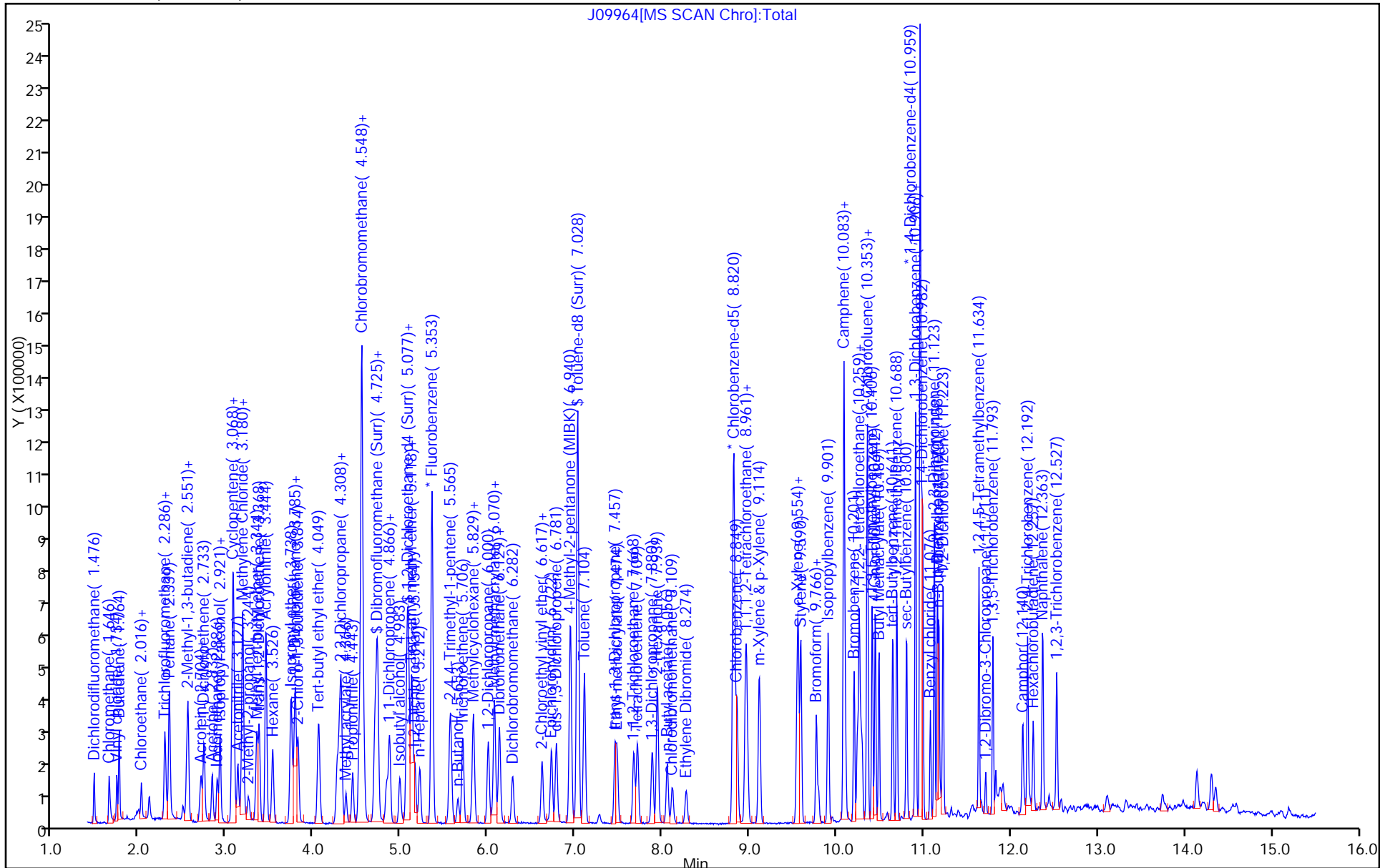
Dil. Factor: 50.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212542/3
 Matrix: Solid Lab File ID: O84775.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 05:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	26.7		1.0	0.16
74-83-9	Bromomethane	26.2		1.0	0.43
75-01-4	Vinyl chloride	23.5		1.0	0.34
75-00-3	Chloroethane	24.5		1.0	0.33
75-09-2	Methylene Chloride	21.9		1.0	0.15
67-64-1	Acetone	95.7		5.0	1.7
75-15-0	Carbon disulfide	22.4		1.0	0.15
75-69-4	Trichlorofluoromethane	25.8		1.0	0.16
75-35-4	1,1-Dichloroethene	21.8		1.0	0.19
75-34-3	1,1-Dichloroethane	21.6		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.11
67-66-3	Chloroform	19.6		1.0	0.24
78-93-3	2-Butanone	91.9		5.0	0.63
107-06-2	1,2-Dichloroethane	18.4		1.0	0.18
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.13
56-23-5	Carbon tetrachloride	18.5		1.0	0.15
71-43-2	Benzene	18.0		1.0	0.15
75-25-2	Bromoform	16.6		1.0	0.17
100-42-5	Styrene	20.0		1.0	0.28
100-41-4	Ethylbenzene	19.1		1.0	0.17
108-90-7	Chlorobenzene	19.8		1.0	0.18
110-82-7	Cyclohexane	18.8		1.0	0.13
98-82-8	Isopropylbenzene	20.3		1.0	0.11
591-78-6	2-Hexanone	86.7		5.0	0.13
1634-04-4	MTBE	18.4		1.0	0.11
76-13-1	Freon TF	22.5		1.0	0.11
79-20-9	Methyl acetate	93.2		5.0	0.32
123-91-1	1,4-Dioxane	457		20	13
79-01-6	Trichloroethene	17.8		1.0	0.12
108-88-3	Toluene	18.6		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	79.6		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	19.5		1.0	0.10
541-73-1	1,3-Dichlorobenzene	19.2		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212542/3
 Matrix: Solid Lab File ID: O84775.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 05:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 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	20.7		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	20.2		1.0	0.16
78-87-5	1,2-Dichloropropane	18.3		1.0	0.15
108-87-2	Methylcyclohexane	18.7		1.0	0.10
127-18-4	Tetrachloroethene	19.1		1.0	0.12
1330-20-7	Xylenes, Total	38.0		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	15.3		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.0	0.090
79-00-5	1,1,2-Trichloroethane	16.6		1.0	0.14
124-48-1	Dibromochloromethane	16.0		1.0	0.10
106-93-4	1,2-Dibromoethane	17.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	24.8		1.0	0.22
74-97-5	Bromochloromethane	21.2		1.0	0.11
75-27-4	Bromodichloromethane	18.2		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	Bromofluorobenzene	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	94		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84775.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-Mar-2014 05:16:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0010850-003
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 09:48:22 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

First Level Reviewer: delpolitov

Date: 14-Mar-2014 09:48:22

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.847	0.847	0.0	88	147256	24.8	
2 Chloromethane	50	0.940	0.933	0.007	88	152555	26.7	
149 Butadiene	54	0.976	0.976	0.0	97	135155	21.7	
4 Vinyl chloride	62	0.976	0.976	0.0	56	159077	23.5	
6 Bromomethane	94	1.119	1.126	-0.007	95	64801	26.2	
7 Chloroethane	64	1.162	1.162	0.0	98	71085	24.5	
9 Dichlorofluoromethane	67	1.262	1.262	0.0	89	196571	25.3	
8 Trichlorofluoromethane	101	1.284	1.277	0.007	87	160019	25.8	
10 Pentane	72	1.320	1.320	0.0	97	35924	40.3	
11 Ethanol	46	1.391	1.398	-0.007	85	22083	934.9	
13 Ethyl ether	59	1.427	1.427	0.0	92	69325	18.4	
14 2-Methyl-1,3-butadiene	67	1.434	1.434	0.0	97	133937	20.1	
17 Acrolein	56	1.499	1.499	0.0	89	80225	221.8	
18 1,1-Dichloroethene	96	1.542	1.542	0.0	87	83049	21.8	
16 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.542	1.542	0.0	62	90003	22.5	
19 Acetone	43	1.585	1.585	0.0	86	154353	95.7	
20 Iodomethane	142	1.628	1.628	0.0	99	85500	18.7	
21 Carbon disulfide	76	1.656	1.656	0.0	99	303862	22.4	
34 Isopropyl alcohol	45	1.671	1.671	0.0	54	72580	256.6	
147 3-Chloro-1-propene	76	1.742	1.742	0.0	87	66939	22.7	
23 Methyl acetate	43	1.764	1.764	0.0	99	353922	93.2	
22 Cyclopentene	67	1.785	1.785	0.0	81	253494	20.9	
24 Acetonitrile	39	1.785	1.785	0.0	39	77311	179.5	
25 Methylene Chloride	84	1.821	1.814	0.007	92	101158	21.9	
* 151 TBA-d9 (IS)	65	1.857	1.857	0.0	100	407821	1000.0	
26 2-Methyl-2-propanol	59	1.907	1.907	0.0	96	104549	175.0	
29 trans-1,2-Dichloroethene	96	1.971	1.971	0.0	73	86605	20.7	
30 Acrylonitrile	53	1.971	1.971	0.0	95	309519	200.2	
27 Methyl tert-butyl ether	73	1.979	1.979	0.0	97	211366	18.4	
32 Hexane	43	2.143	2.143	0.0	94	96396	15.1	
36 1,1-Dichloroethane	63	2.244	2.244	0.0	93	177981	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.294	2.287	0.007	100	397394	34.9	
35 Isopropyl ether	45	2.301	2.294	0.007	79	278764	16.5	
33 2-Chloro-1,3-butadiene	88	2.301	2.301	0.0	86	77621	19.4	
38 Allyl alcohol	57	2.315	2.308	0.007	35	42002	415.2	
40 Tert-butyl ethyl ether	59	2.552	2.552	0.0	90	221848	16.8	
41 2,2-Dichloropropane	77	2.638	2.638	0.0	91	129012	18.5	
42 cis-1,2-Dichloroethene	96	2.645	2.645	0.0	89	95445	18.9	
43 2-Butanone (MEK)	72	2.681	2.673	0.007	100	50277	91.9	
44 Ethyl acetate	43	2.723	2.723	0.0	99	140871	30.4	
48 Propionitrile	54	2.731	2.731	0.0	86	117392	202.4	
39 Methyl acrylate	55	2.745	2.745	0.0	89	86870	16.2	
46 Chlorobromomethane	128	2.831	2.824	0.007	97	41848	21.2	
31 Methacrylonitrile	67	2.838	2.831	0.007	93	323397	191.0	
45 Tetrahydrofuran	71	2.867	2.867	0.0	91	19928	33.0	
47 Chloroform	83	2.895	2.895	0.0	93	148022	19.6	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	141567	47.2	
50 1,1,1-Trichloroethane	97	3.024	3.024	0.0	75	126525	19.7	
49 Cyclohexane	56	3.060	3.053	0.007	92	179557	18.8	
51 Carbon tetrachloride	117	3.153	3.153	0.0	88	105373	18.5	
52 1,1-Dichloropropene	75	3.160	3.160	0.0	96	114301	18.0	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.297	3.297	0.0	81	137126	44.0	
56 Isobutyl alcohol	43	3.340	3.332	0.008	87	109486	488.3	
53 Benzene	78	3.332	3.332	0.0	94	365119	18.0	
55 1,2-Dichloroethane	62	3.361	3.361	0.0	88	94239	18.4	
142 Tert-amyl methyl ether	73	3.454	3.454	0.0	90	210843	17.8	
57 Isopropyl acetate	43	3.454	3.454	0.0	94	209397	16.5	
58 n-Heptane	57	3.590	3.590	0.0	90	115270	19.7	
* 59 Fluorobenzene	96	3.590	3.590	0.0	97	741768	50.0	
60 2,4,4-Trimethyl-1-pentene	57	3.891	3.891	0.0	96	594602	41.6	
61 Trichloroethene	95	3.934	3.934	0.0	94	85134	17.8	
62 n-Butanol	56	3.963	3.963	0.0	85	69488	410.8	
63 Methylcyclohexane	83	4.099	4.099	0.0	83	174383	18.7	
64 Ethyl acrylate	55	4.099	4.099	0.0	94	238801	18.3	
65 1,2-Dichloropropane	63	4.156	4.156	0.0	92	94178	18.3	
68 Dibromomethane	93	4.278	4.271	0.007	89	47101	19.5	
* 150 1,4-Dioxane-d8	96	4.278	4.271	0.007	32	41749	1000.0	
66 Methyl methacrylate	41	4.328	4.328	0.0	92	137006	34.3	
67 1,4-Dioxane	88	4.328	4.335	-0.007	27	24504	457.0	
69 n-Propyl acetate	43	4.414	4.414	0.0	99	123364	17.1	
70 Dichlorobromomethane	83	4.457	4.457	0.0	96	103584	18.2	
71 2-Nitropropane	41	4.729	4.729	0.0	98	32355	30.7	
72 2-Chloroethyl vinyl ether	63	4.837	4.829	0.008	92	34743	22.1	
73 Epichlorohydrin	57	4.887	4.887	0.0	93	160126	361.1	
74 cis-1,3-Dichloropropene	75	4.958	4.958	0.0	88	134964	17.2	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	97	402009	79.6	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	623202	43.0	
77 Toluene	91	5.331	5.331	0.0	93	399920	18.6	
78 trans-1,3-Dichloropropene	75	5.653	5.646	0.007	94	111668	17.2	
82 Ethyl methacrylate	69	5.825	5.818	0.007	88	106390	15.7	
79 1,1,2-Trichloroethane	83	5.868	5.868	0.0	92	58508	16.6	
80 Tetrachloroethene	166	5.990	5.990	0.0	89	84339	19.1	
81 1,3-Dichloropropane	76	6.069	6.069	0.0	96	128926	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.248	6.248	0.0	97	332373	86.7	
84 Chlorodibromomethane	129	6.348	6.348	0.0	97	67715	16.0	
86 Ethylene Dibromide	107	6.463	6.463	0.0	95	69247	17.2	
85 n-Butyl acetate	43	6.470	6.470	0.0	98	120397	14.9	
* 87 Chlorobenzene-d5	117	7.122	7.122	0.0	86	552726	50.0	
88 Chlorobenzene	112	7.157	7.157	0.0	92	252077	19.8	
90 1,1,1,2-Tetrachloroethane	131	7.308	7.308	0.0	94	77448	17.6	
89 Ethylbenzene	106	7.358	7.358	0.0	98	144246	19.1	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	96	174242	19.4	
92 o-Xylene	106	8.117	8.117	0.0	91	165776	18.7	
94 Styrene	104	8.153	8.153	0.0	94	293653	20.0	
93 n-Butyl acrylate	73	8.232	8.232	0.0	97	72642	17.7	
97 Bromoform	173	8.382	8.382	0.0	93	42753	16.6	
96 Amyl acetate (mixed isomers)	43	8.619	8.619	0.0	89	170363	15.3	
98 Isopropylbenzene	105	8.712	8.712	0.0	96	463252	20.3	
\$ 99 4-Bromofluorobenzene	174	8.920	8.920	0.0	84	186537	47.9	
95 Camphene	41	9.041	9.041	0.0	77	45477	19.4	
100 Bromobenzene	156	9.091	9.091	0.0	94	98076	18.1	
101 1,1,2,2-Tetrachloroethane	83	9.256	9.256	0.0	94	110043	17.6	
103 1,2,3-Trichloropropane	110	9.263	9.263	0.0	93	28712	15.2	
104 trans-1,4-Dichloro-2-butene	53	9.349	9.349	0.0	81	29335	15.8	
102 N-Propylbenzene	91	9.371	9.371	0.0	99	606982	19.6	
105 2-Chlorotoluene	91	9.435	9.435	0.0	96	335990	18.8	
143 4-Ethyltoluene	105	9.564	9.564	0.0	99	488525	19.7	
107 4-Chlorotoluene	91	9.629	9.629	0.0	97	357499	19.4	
106 1,3,5-Trimethylbenzene	105	9.686	9.686	0.0	92	411948	19.2	
108 Butyl Methacrylate	87	9.987	9.987	0.0	92	134646	18.0	
109 tert-Butylbenzene	119	10.187	10.187	0.0	89	342873	19.7	
110 1,2,4-Trimethylbenzene	105	10.273	10.273	0.0	97	424145	19.4	
113 sec-Butylbenzene	105	10.553	10.553	0.0	99	564181	20.4	
115 1,3-Dichlorobenzene	146	10.653	10.646	0.007	93	206731	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	96	290583	50.0	
117 1,4-Dichlorobenzene	146	10.811	10.811	0.0	91	206526	19.2	
114 4-Isopropyltoluene	119	10.839	10.832	0.007	95	468000	21.3	
118 Benzyl chloride	91	11.083	11.083	0.0	98	190285	17.6	
119 2,3-Dihydroindene	117	11.219	11.219	0.0	90	392553	19.8	
121 1,2-Dichlorobenzene	146	11.376	11.376	0.0	93	193941	19.5	
133 p-Diethylbenzene	119	11.448	11.448	0.0	91	278599	20.9	
120 n-Butylbenzene	91	11.477	11.470	0.007	98	575292	20.8	
122 1,2-Dibromo-3-Chloropropane	157	12.372	12.372	0.0	86	18746	15.3	
132 1,2,4,5-Tetramethylbenzene	119	12.386	12.386	0.0	96	422704	21.2	
145 1,3,5-Trichlorobenzene	180	12.587	12.587	0.0	96	161214	21.7	
123 Camphor	95	13.088	13.088	0.0	93	57680	72.6	
124 1,2,4-Trichlorobenzene	180	13.182	13.182	0.0	90	143240	20.7	
126 Hexachlorobutadiene	225	13.361	13.361	0.0	89	84851	21.2	
127 Naphthalene	128	13.382	13.382	0.0	99	335434	20.0	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	94	127962	20.2	
S 131 Xylenes, Total	100				0		38.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84775.D

Injection Date: 14-Mar-2014 05:16:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

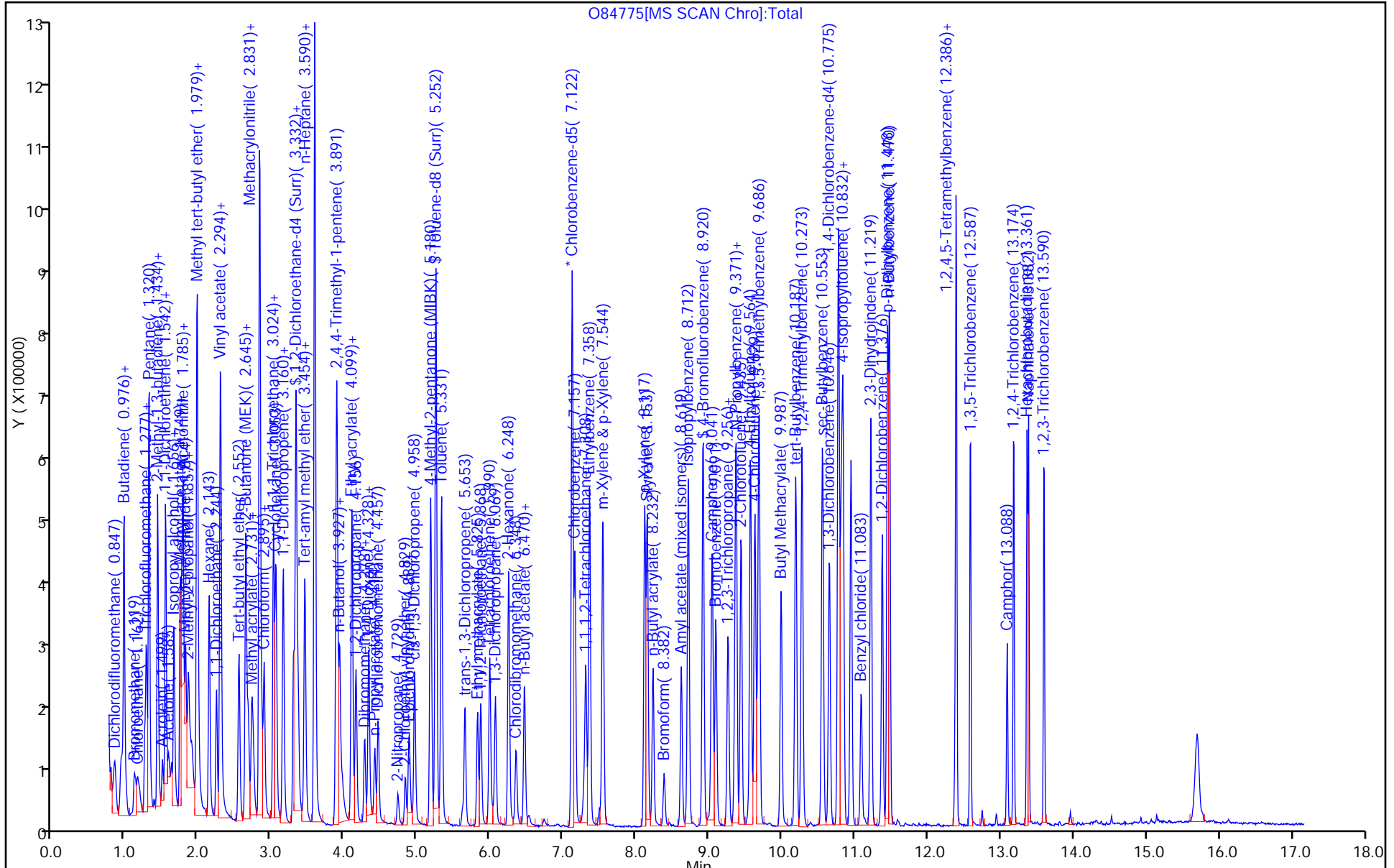
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212620/3
 Matrix: Solid Lab File ID: J09994.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/14/2014 10:30
 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.: 212620 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	971		50	4.8
74-83-9	Bromomethane	947		50	9.1
75-01-4	Vinyl chloride	949		50	7.2
75-00-3	Chloroethane	1180		50	8.5
75-09-2	Methylene Chloride	1010		50	9.1
67-64-1	Acetone	6030		250	130
75-15-0	Carbon disulfide	871		50	6.3
75-69-4	Trichlorofluoromethane	872		50	7.3
75-35-4	1,1-Dichloroethene	848		50	4.4
75-34-3	1,1-Dichloroethane	988		50	6.5
156-60-5	trans-1,2-Dichloroethene	919		50	6.4
156-59-2	cis-1,2-Dichloroethene	1000		50	8.9
67-66-3	Chloroform	1020		50	3.9
78-93-3	2-Butanone	6200		250	120
107-06-2	1,2-Dichloroethane	1060		50	9.5
71-55-6	1,1,1-Trichloroethane	865		50	3.1
56-23-5	Carbon tetrachloride	655		50	2.9
71-43-2	Benzene	1000		50	4.1
75-25-2	Bromoform	879		50	9.6
100-42-5	Styrene	984		50	5.9
100-41-4	Ethylbenzene	900		50	4.8
108-90-7	Chlorobenzene	979		50	5.5
110-82-7	Cyclohexane	628		50	7.9
98-82-8	Isopropylbenzene	886		50	3.8
591-78-6	2-Hexanone	6590		250	25
1634-04-4	MTBE	1060		50	6.9
76-13-1	Freon TF	662		50	4.1
79-20-9	Methyl acetate	5800		250	17
123-91-1	1,4-Dioxane	25400		2500	1800
79-01-6	Trichloroethene	944		50	4.6
108-88-3	Toluene	963		50	7.5
10061-02-6	trans-1,3-Dichloropropene	1000		50	12
108-10-1	4-Methyl-2-pentanone	5660		250	49
10061-01-5	cis-1,3-Dichloropropene	1030		50	9.2
95-50-1	1,2-Dichlorobenzene	1020		50	10
541-73-1	1,3-Dichlorobenzene	998		50	6.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212620/3
 Matrix: Solid Lab File ID: J09994.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 03/14/2014 10:30
 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.: 212620 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	994		50	12
120-82-1	1,2,4-Trichlorobenzene	986		50	17
87-61-6	1,2,3-Trichlorobenzene	1000		50	26
78-87-5	1,2-Dichloropropane	1000		50	4.3
108-87-2	Methylcyclohexane	589		50	6.8
127-18-4	Tetrachloroethene	907		50	4.9
1330-20-7	Xylenes, Total	1890		100	18
96-12-8	1,2-Dibromo-3-Chloropropane	916		50	20
79-34-5	1,1,2,2-Tetrachloroethane	1170		50	7.9
79-00-5	1,1,2-Trichloroethane	1100		50	9.4
124-48-1	Dibromochloromethane	930		50	10
106-93-4	1,2-Dibromoethane	1050		50	14
75-71-8	Dichlorodifluoromethane	937		50	11
74-97-5	Bromochloromethane	1040		50	14
75-27-4	Bromodichloromethane	1020		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	95		72-133
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J09994.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 14-Mar-2014 10:30:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 50.0000
 Sample Info: LCS
 Misc. Info.: 460-0010873-003
 Operator ID: Instrument ID: CVOAMS8
 Method: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\8260_W8.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 13:57:29 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: delpolitov

Date: 14-Mar-2014 13:57:29

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.476	1.476	0.0	88	94380	18.7	
2 Chloromethane	50	1.646	1.646	0.0	88	113337	19.4	
4 Vinyl chloride	62	1.734	1.734	0.0	97	80685	19.0	
149 Butadiene	54	1.763	1.763	0.0	97	70436	18.3	
6 Bromomethane	94	2.016	2.016	0.0	96	44719	18.9	
7 Chloroethane	64	2.104	2.104	0.0	97	45847	23.7	
9 Dichlorofluoromethane	67	2.286	2.286	0.0	95	122856	18.9	
8 Trichlorofluoromethane	101	2.292	2.292	0.0	84	91431	17.4	
10 Pentane	72	2.339	2.339	0.0	96	12316	30.1	
11 Ethanol	46	2.498	2.498	0.0	99	22509	1650.3	
13 Ethyl ether	59	2.533	2.533	0.0	94	59268	21.7	
14 2-Methyl-1,3-butadiene	53	2.551	2.551	0.0	97	51019	15.1	
16 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.698	2.698	0.0	92	51575	13.2	
17 Acrolein	56	2.709	2.709	0.0	85	16818	86.3	
18 1,1-Dichloroethene	96	2.739	2.739	0.0	87	57281	17.0	
19 Acetone	43	2.833	2.833	0.0	85	178370	120.6	
20 Iodomethane	142	2.886	2.886	0.0	99	116362	20.2	
34 Isopropyl alcohol	45	2.921	2.921	0.0	43	68822	253.1	
21 Carbon disulfide	76	2.921	2.921	0.0	100	196727	17.4	
147 3-Chloro-1-propene	76	3.056	3.056	0.0	88	40681	18.0	
23 Methyl acetate	43	3.068	3.068	0.0	99	505546	116.0	
22 Cyclopentene	67	3.074	3.074	0.0	79	181973	16.9	
24 Acetonitrile	41	3.127	3.127	0.0	99	191948	269.9	
* 151 TBA-d9 (IS)	65	3.179	3.179	0.0	91	488664	1000.0	
25 Methylene Chloride	84	3.185	3.185	0.0	94	83075	20.3	
26 2-Methyl-2-propanol	59	3.250	3.250	0.0	96	98434	250.9	
27 Methyl tert-butyl ether	73	3.344	3.344	0.0	97	258760	21.1	
29 trans-1,2-Dichloroethene	96	3.367	3.367	0.0	89	68811	18.4	
30 Acrylonitrile	53	3.450	3.450	0.0	93	421655	233.1	
32 Hexane	57	3.526	3.526	0.0	94	54123	12.1	
35 Isopropyl ether	45	3.732	3.732	0.0	98	344829	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
36 1,1-Dichloroethane	63	3.773	3.773	0.0	93	157099	19.8	
37 Vinyl acetate	43	3.785	3.785	0.0	100	433005	49.7	
38 Allyl alcohol	57	3.796	3.796	0.0	31	37005	611.1	
33 2-Chloro-1,3-butadiene	88	3.814	3.814	0.0	91	61258	17.3	
40 Tert-butyl ethyl ether	59	4.055	4.055	0.0	87	295025	21.3	
41 2,2-Dichloropropane	77	4.272	4.272	0.0	86	101502	17.4	
42 cis-1,2-Dichloroethene	96	4.290	4.290	0.0	88	86201	20.0	
43 2-Butanone (MEK)	72	4.313	4.313	0.0	95	54778	124.0	
44 Ethyl acetate	43	4.313	4.313	0.0	95	473388	44.7	
39 Methyl acrylate	55	4.366	4.366	0.0	97	101639	21.8	
48 Propionitrile	54	4.443	4.443	0.0	96	169513	270.6	
46 Chlorobromomethane	128	4.519	4.519	0.0	87	43565	20.9	
45 Tetrahydrofuran	72	4.519	4.519	0.0	37	26432	52.1	
31 Methacrylonitrile	67	4.548	4.548	0.0	96	443538	234.6	
47 Chloroform	83	4.572	4.572	0.0	90	145853	20.3	
49 Cyclohexane	56	4.701	4.701	0.0	97	87327	12.6	
50 1,1,1-Trichloroethane	97	4.713	4.713	0.0	94	94919	17.3	
\$ 152 Dibromofluoromethane (Surr)	113	4.731	4.731	0.0	96	223171	49.3	
51 Carbon tetrachloride	117	4.836	4.836	0.0	88	61823	13.1	
52 1,1-Dichloropropene	75	4.866	4.866	0.0	93	86144	17.7	
56 Isobutyl alcohol	43	4.983	4.983	0.0	97	113645	567.0	
53 Benzene	78	5.065	5.065	0.0	94	310979	20.0	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	5.083	5.083	0.0	95	299238	48.3	
57 Isopropyl acetate	43	5.118	5.118	0.0	95	318189	21.6	
142 Tert-amyl methyl ether	73	5.124	5.124	0.0	78	252661	21.4	
55 1,2-Dichloroethane	62	5.159	5.159	0.0	96	129180	21.3	
58 n-Heptane	57	5.212	5.212	0.0	97	22182	12.4	
* 59 Fluorobenzene	96	5.353	5.353	0.0	97	824272	50.0	
60 2,4,4-Trimethyl-1-pentene	57	5.565	5.565	0.0	92	170656	24.9	
62 n-Butanol	56	5.653	5.653	0.0	96	55632	592.6	
61 Trichloroethene	95	5.706	5.706	0.0	96	74282	18.9	
64 Ethyl acrylate	55	5.829	5.829	0.0	97	189932	20.4	
63 Methylcyclohexane	83	5.829	5.829	0.0	62	58137	11.8	
65 1,2-Dichloropropane	63	6.000	6.000	0.0	87	87837	20.0	
* 150 1,4-Dioxane-d8	96	6.058	6.058	0.0	35	56423	1000.0	
66 Methyl methacrylate	100	6.070	6.070	0.0	92	52947	43.1	
67 1,4-Dioxane	88	6.117	6.117	0.0	28	24250	507.1	
69 n-Propyl acetate	43	6.123	6.123	0.0	98	183664	21.5	
68 Dibromomethane	93	6.129	6.129	0.0	91	56801	22.0	
70 Dichlorobromomethane	83	6.282	6.282	0.0	95	101762	20.5	
72 2-Chloroethyl vinyl ether	63	6.617	6.617	0.0	86	72512	21.9	
71 2-Nitropropane	41	6.622	6.622	0.0	71	28583	31.1	
73 Epichlorohydrin	57	6.722	6.722	0.0	98	222209	445.1	
74 cis-1,3-Dichloropropene	75	6.781	6.781	0.0	96	137074	20.5	
75 4-Methyl-2-pentanone (MIBK)	43	6.940	6.940	0.0	99	578472	113.3	
\$ 76 Toluene-d8 (Surr)	98	7.028	7.028	0.0	98	852180	49.4	
77 Toluene	91	7.104	7.104	0.0	92	303746	19.3	
78 trans-1,3-Dichloropropene	75	7.457	7.457	0.0	93	117482	20.0	
82 Ethyl methacrylate	69	7.480	7.480	0.0	93	115497	20.8	
79 1,1,2-Trichloroethane	83	7.668	7.668	0.0	90	70320	22.0	
80 Tetrachloroethene	166	7.715	7.715	0.0	91	66961	18.1	
81 1,3-Dichloropropane	76	7.880	7.880	0.0	95	137986	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	58	7.939	7.939	0.0	98	194711	131.8	
85 n-Butyl acetate	43	8.056	8.056	0.0	96	160232	21.7	
84 Chlorodibromomethane	129	8.115	8.115	0.0	94	67437	18.6	
86 Ethylene Dibromide	107	8.273	8.273	0.0	97	83917	21.1	
* 87 Chlorobenzene-d5	117	8.820	8.820	0.0	85	702594	50.0	
88 Chlorobenzene	112	8.855	8.855	0.0	92	208882	19.6	
89 Ethylbenzene	106	8.955	8.955	0.0	99	97698	18.0	
90 1,1,1,2-Tetrachloroethane	131	8.973	8.973	0.0	85	65893	19.0	
91 m-Xylene & p-Xylene	106	9.114	9.114	0.0	97	125828	18.4	
93 n-Butyl acrylate	73	9.543	9.543	0.0	91	67711	20.9	
92 o-Xylene	106	9.560	9.560	0.0	90	131094	19.4	
94 Styrene	104	9.590	9.590	0.0	92	235880	19.7	
96 Amyl acetate (mixed isomers)	43	9.766	9.766	0.0	87	195765	22.1	
97 Bromoform	173	9.789	9.789	0.0	91	41631	17.6	
98 Isopropylbenzene	105	9.901	9.901	0.0	96	263759	17.7	
\$ 99 4-Bromofluorobenzene	174	10.083	10.083	0.0	91	286712	47.6	
95 Camphene	41	10.101	10.101	0.0	92	14191	11.1	
100 Bromobenzene	156	10.201	10.201	0.0	94	99847	21.6	
101 1,1,2,2-Tetrachloroethane	83	10.236	10.236	0.0	86	115740	23.5	
102 N-Propylbenzene	91	10.259	10.259	0.0	95	312465	18.4	
103 1,2,3-Trichloropropane	110	10.277	10.277	0.0	96	33656	22.9	
104 trans-1,4-Dichloro-2-butene	53	10.295	10.295	0.0	60	35749	20.3	
105 2-Chlorotoluene	91	10.348	10.348	0.0	97	254672	19.2	
143 4-Ethyltoluene	105	10.353	10.353	0.0	90	295280	18.2	
106 1,3,5-Trimethylbenzene	105	10.406	10.406	0.0	86	232896	19.0	
107 4-Chlorotoluene	91	10.442	10.442	0.0	98	252898	20.5	
108 Butyl Methacrylate	87	10.483	10.483	0.0	97	111825	21.0	
109 tert-Butylbenzene	119	10.641	10.641	0.0	92	160608	16.8	
110 1,2,4-Trimethylbenzene	105	10.688	10.688	0.0	97	254423	19.1	
113 sec-Butylbenzene	105	10.800	10.800	0.0	98	208760	16.7	
114 4-Isopropyltoluene	119	10.906	10.906	0.0	96	196004	16.7	
115 1,3-Dichlorobenzene	146	10.906	10.906	0.0	95	171710	20.0	
* 116 1,4-Dichlorobenzene-d4	152	10.959	10.959	0.0	96	409165	50.0	
117 1,4-Dichlorobenzene	146	10.976	10.976	0.0	92	178597	19.9	
118 Benzyl chloride	91	11.076	11.076	0.0	99	166048	19.0	
119 2,3-Dihydroindene	117	11.123	11.123	0.0	90	322574	21.0	
133 p-Diethylbenzene	119	11.158	11.158	0.0	91	130481	16.5	
120 n-Butylbenzene	91	11.170	11.170	0.0	96	203966	16.6	
121 1,2-Dichlorobenzene	146	11.223	11.223	0.0	95	179250	20.4	
132 1,2,4,5-Tetramethylbenzene	119	11.634	11.634	0.0	95	251493	19.6	
122 1,2-Dibromo-3-Chloropropane	75	11.711	11.711	0.0	85	20348	18.3	
145 1,3,5-Trichlorobenzene	180	11.793	11.793	0.0	96	110659	18.9	
123 Camphor	95	12.134	12.134	0.0	94	69899	121.6	
124 1,2,4-Trichlorobenzene	180	12.192	12.192	0.0	92	109993	19.7	
126 Hexachlorobutadiene	225	12.257	12.257	0.0	87	26328	16.1	
127 Naphthalene	128	12.363	12.363	0.0	99	369413	23.1	
128 1,2,3-Trichlorobenzene	180	12.527	12.527	0.0	93	102294	20.0	
S 130 1,2-Dichloroethene, Total	100				0		38.4	
S 131 Xylenes, Total	100				0		37.8	
S 139 Total BTEX	1				0		95.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS8\20140314-10873.b\J09994.D

Injection Date: 14-Mar-2014 10:30:30

Instrument ID: CVOAMS8

Operator ID:

Lims ID: LCS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

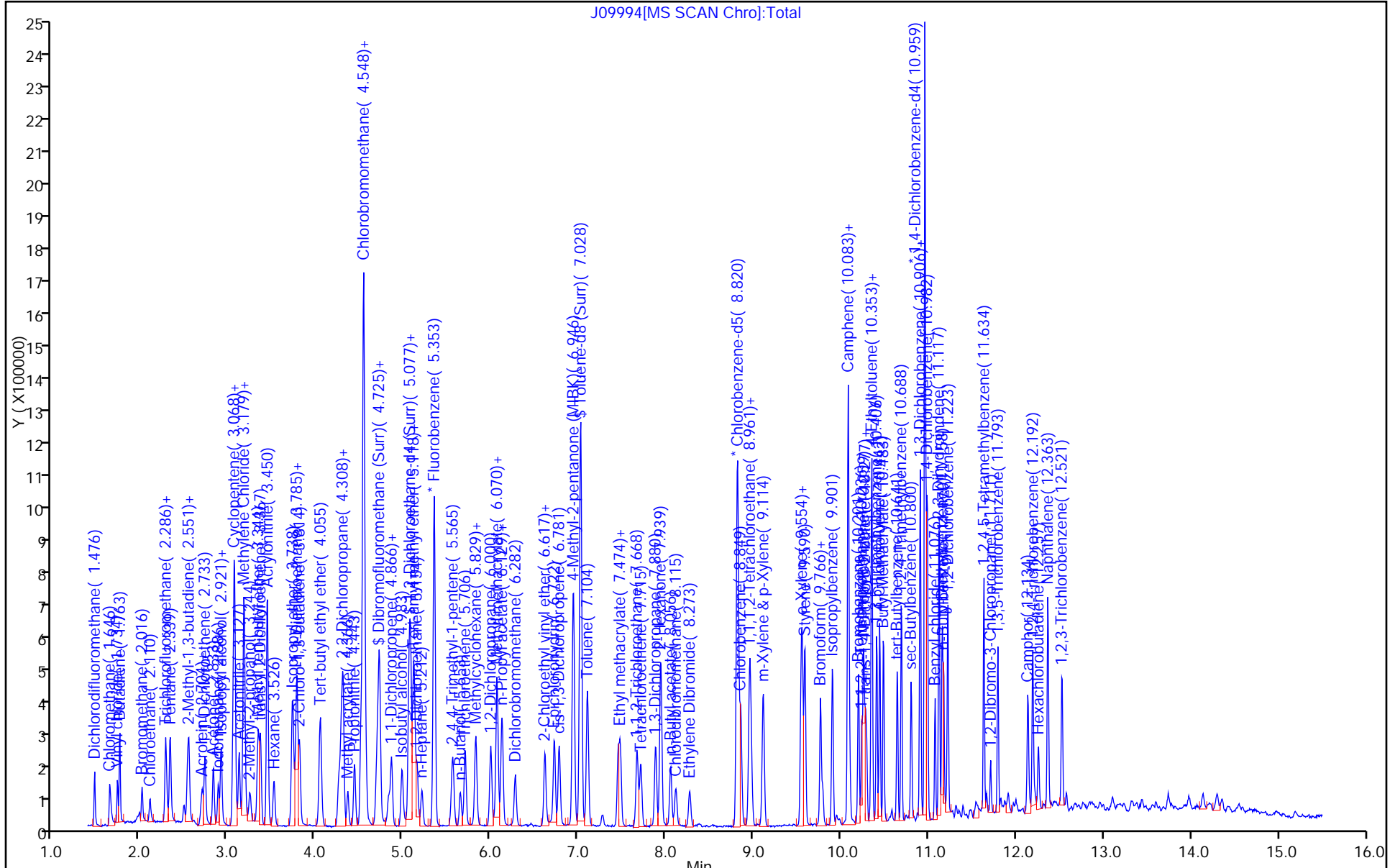
Dil. Factor: 50.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-212436/4
 Matrix: Solid Lab File ID: O84753.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 18:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	24.0		1.0	0.16
74-83-9	Bromomethane	23.6		1.0	0.43
75-01-4	Vinyl chloride	20.3		1.0	0.34
75-00-3	Chloroethane	22.2		1.0	0.33
75-09-2	Methylene Chloride	19.8		1.0	0.15
67-64-1	Acetone	79.1		5.0	1.7
75-15-0	Carbon disulfide	20.6		1.0	0.15
75-69-4	Trichlorofluoromethane	22.3		1.0	0.16
75-35-4	1,1-Dichloroethene	20.1		1.0	0.19
75-34-3	1,1-Dichloroethane	19.7		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	18.1		1.0	0.11
67-66-3	Chloroform	18.2		1.0	0.24
78-93-3	2-Butanone	93.5		5.0	0.63
107-06-2	1,2-Dichloroethane	17.8		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.13
56-23-5	Carbon tetrachloride	17.5		1.0	0.15
71-43-2	Benzene	17.4		1.0	0.15
75-25-2	Bromoform	15.9		1.0	0.17
100-42-5	Styrene	19.0		1.0	0.28
100-41-4	Ethylbenzene	18.7		1.0	0.17
108-90-7	Chlorobenzene	18.9		1.0	0.18
110-82-7	Cyclohexane	17.9		1.0	0.13
98-82-8	Isopropylbenzene	19.2		1.0	0.11
591-78-6	2-Hexanone	81.6		5.0	0.13
1634-04-4	MTBE	18.3		1.0	0.11
76-13-1	Freon TF	20.2		1.0	0.11
79-20-9	Methyl acetate	93.1		5.0	0.32
123-91-1	1,4-Dioxane	397		20	13
79-01-6	Trichloroethene	17.8		1.0	0.12
108-88-3	Toluene	17.9		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	82.9		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.10
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-212436/4
 Matrix: Solid Lab File ID: O84753.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/13/2014 18:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212436 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.9		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.1		1.0	0.16
78-87-5	1,2-Dichloropropane	17.7		1.0	0.15
108-87-2	Methylcyclohexane	18.6		1.0	0.10
127-18-4	Tetrachloroethene	18.4		1.0	0.12
1330-20-7	Xylenes, Total	36.9		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	14.9		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.0		1.0	0.14
124-48-1	Dibromochloromethane	16.0		1.0	0.10
106-93-4	1,2-Dibromoethane	17.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	21.8		1.0	0.22
74-97-5	Bromochloromethane	18.9		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)	85		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	94		70-130
1868-53-7	Dibromofluoromethane (Surr)	91		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84753.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 13-Mar-2014 18:53:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0010824-004
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 08:35:35 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK011

First Level Reviewer: delpolotov

Date: 14-Mar-2014 08:35:34

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.847	0.847	0.0	89	185870	21.8	
2 Chloromethane	50	0.933	0.933	0.0	89	197266	24.0	
149 Butadiene	54	0.976	0.976	0.0	99	173744	19.5	
4 Vinyl chloride	62	0.976	0.976	0.0	82	197363	20.3	
6 Bromomethane	94	1.119	1.119	0.0	96	84022	23.6	M
7 Chloroethane	64	1.162	1.162	0.0	97	92590	22.2	
9 Dichlorofluoromethane	67	1.262	1.262	0.0	98	243741	21.9	
8 Trichlorofluoromethane	101	1.284	1.284	0.0	97	198470	22.3	
10 Pentane	72	1.320	1.319	0.001	96	50127	39.1	
11 Ethanol	46	1.391	1.398	-0.007	69	20246	626.9	M
13 Ethyl ether	59	1.427	1.427	0.0	95	91350	16.9	
14 2-Methyl-1,3-butadiene	67	1.434	1.441	-0.007	97	184726	19.3	
17 Acrolein	56	1.499	1.506	-0.007	94	124699	252.2	
16 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.542	1.549	-0.007	64	115926	20.2	
18 1,1-Dichloroethene	96	1.542	1.549	-0.007	88	109859	20.1	
19 Acetone	43	1.592	1.592	0.0	83	174534	79.1	
20 Iodomethane	142	1.628	1.627	0.001	98	117731	18.0	
21 Carbon disulfide	76	1.656	1.656	0.0	99	401607	20.6	
34 Isopropyl alcohol	45	1.671	1.670	0.001	27	60353	156.0	
147 3-Chloro-1-propene	76	1.742	1.749	-0.007	92	90576	21.4	
23 Methyl acetate	43	1.764	1.771	-0.007	99	483236	93.1	
24 Acetonitrile	39	1.785	1.785	0.0	39	120415	204.5	
22 Cyclopentene	67	1.785	1.785	0.0	80	351523	20.2	
25 Methylene Chloride	84	1.821	1.821	0.0	93	131345	19.8	
* 151 TBA-d9 (IS)	65	1.864	1.864	0.0	99	557562	1000.0	
26 2-Methyl-2-propanol	59	1.907	1.907	0.0	93	137784	168.7	
29 trans-1,2-Dichloroethene	96	1.979	1.978	0.001	89	116014	19.3	
30 Acrylonitrile	53	1.971	1.978	-0.007	95	419361	189.1	
27 Methyl tert-butyl ether	73	1.979	1.986	-0.007	96	301934	18.3	
32 Hexane	43	2.143	2.143	0.0	94	140891	15.4	
36 1,1-Dichloroethane	63	2.244	2.243	0.001	94	233039	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.294	2.294	0.0	100	601179	36.8	
35 Isopropyl ether	45	2.301	2.301	0.0	78	410527	17.0	
33 2-Chloro-1,3-butadiene	88	2.301	2.301	0.0	87	111610	19.4	
38 Allyl alcohol	57	2.301	2.308	-0.007	28	52743	381.2	
40 Tert-butyl ethyl ether	59	2.552	2.551	0.001	89	335705	17.7	
41 2,2-Dichloropropane	77	2.638	2.645	-0.006	92	176024	17.6	
42 cis-1,2-Dichloroethene	96	2.645	2.652	-0.007	95	130774	18.1	
43 2-Butanone (MEK)	72	2.681	2.680	0.001	99	69950	93.5	
44 Ethyl acetate	43	2.731	2.730	0.001	99	209212	31.5	
48 Propionitrile	54	2.731	2.730	0.001	87	157066	198.1	
39 Methyl acrylate	55	2.745	2.752	-0.007	94	128569	16.7	
46 Chlorobromomethane	128	2.831	2.831	0.0	93	53601	18.9	
31 Methacrylonitrile	67	2.838	2.838	0.0	93	450044	185.3	
45 Tetrahydrofuran	71	2.867	2.867	0.0	82	25522	30.9	
47 Chloroform	83	2.895	2.895	0.0	98	197047	18.2	
50 1,1,1-Trichloroethane	97	3.024	3.024	0.0	75	171084	18.5	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	195762	45.5	
49 Cyclohexane	56	3.060	3.060	0.0	91	245265	17.9	
51 Carbon tetrachloride	117	3.153	3.153	0.0	90	142760	17.5	
52 1,1-Dichloropropene	75	3.160	3.160	0.0	95	162239	17.8	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.297	3.296	0.001	84	190145	42.5	
53 Benzene	78	3.332	3.332	0.0	96	500225	17.4	
56 Isobutyl alcohol	43	3.340	3.339	0.001	43	126655	413.2	
55 1,2-Dichloroethane	62	3.361	3.361	0.0	90	130606	17.8	
57 Isopropyl acetate	43	3.454	3.454	0.0	95	315289	17.3	
142 Tert-amyl methyl ether	73	3.454	3.454	0.0	89	310406	18.3	
58 n-Heptane	57	3.590	3.590	0.0	51	163955	19.6	
* 59 Fluorobenzene	96	3.590	3.590	0.0	96	1064111	50.0	
60 2,4,4-Trimethyl-1-pentene	57	3.891	3.891	0.0	95	838801	40.9	
61 Trichloroethene	95	3.934	3.934	0.0	95	121676	17.8	
62 n-Butanol	56	3.963	3.963	0.001	84	84227	364.1	
63 Methylcyclohexane	83	4.099	4.099	0.0	83	248623	18.6	
64 Ethyl acrylate	55	4.099	4.099	0.0	95	345315	18.5	
65 1,2-Dichloropropane	63	4.156	4.156	0.0	91	130378	17.7	
68 Dibromomethane	93	4.278	4.271	0.008	92	64869	18.7	
* 150 1,4-Dioxane-d8	96	4.278	4.278	0.0	32	58105	1000.0	
66 Methyl methacrylate	41	4.328	4.328	0.0	92	194795	34.0	
67 1,4-Dioxane	88	4.335	4.328	0.007	29	29655	397.2	
69 n-Propyl acetate	43	4.414	4.414	0.0	98	176315	17.0	
70 Dichlorobromomethane	83	4.457	4.457	0.0	99	142832	17.5	
71 2-Nitropropane	41	4.729	4.729	0.0	97	46397	30.7	
72 2-Chloroethyl vinyl ether	63	4.829	4.829	0.0	94	50056	22.2	
73 Epichlorohydrin	57	4.887	4.887	0.0	97	211569	337.9	
74 cis-1,3-Dichloropropene	75	4.958	4.958	0.0	87	191183	17.2	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	97	590693	82.9	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	886815	43.3	
77 Toluene	91	5.331	5.331	0.0	94	542113	17.9	
78 trans-1,3-Dichloropropene	75	5.653	5.653	0.0	95	155646	17.0	
82 Ethyl methacrylate	69	5.825	5.825	0.0	91	152900	16.0	
79 1,1,2-Trichloroethane	83	5.868	5.868	0.0	94	84258	17.0	
80 Tetrachloroethene	166	5.990	5.990	0.0	89	114547	18.4	
81 1,3-Dichloropropane	76	6.069	6.068	0.001	93	180508	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.248	6.248	0.0	97	441622	81.6	
84 Chlorodibromomethane	129	6.348	6.355	-0.007	96	95810	16.0	
86 Ethylene Dibromide	107	6.463	6.462	0.001	98	97283	17.1	
85 n-Butyl acetate	43	6.470	6.470	0.0	99	172504	15.1	
* 87 Chlorobenzene-d5	117	7.122	7.121	0.001	85	780642	50.0	
88 Chlorobenzene	112	7.157	7.157	0.0	93	340574	18.9	
90 1,1,1,2-Tetrachloroethane	131	7.308	7.308	0.0	95	106229	17.1	
89 Ethylbenzene	106	7.358	7.358	0.0	98	199642	18.7	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	96	237745	18.7	
92 o-Xylene	106	8.117	8.117	0.0	90	228094	18.2	
94 Styrene	104	8.153	8.153	0.0	93	393557	19.0	
93 n-Butyl acrylate	73	8.232	8.232	0.0	98	97335	16.8	
97 Bromoform	173	8.382	8.382	0.0	94	58032	15.9	
96 Amyl acetate (mixed isomers)	43	8.619	8.618	0.001	90	221370	14.9	
98 Isopropylbenzene	105	8.712	8.712	0.0	96	617691	19.2	
\$ 99 4-Bromofluorobenzene	174	8.920	8.919	0.001	84	258028	46.9	
95 Camphene	41	9.041	9.041	0.0	92	60491	18.2	
100 Bromobenzene	156	9.091	9.091	0.0	94	128494	17.7	
101 1,1,2,2-Tetrachloroethane	83	9.256	9.256	0.0	93	140953	16.8	
103 1,2,3-Trichloropropane	110	9.263	9.263	0.0	93	37891	15.0	
104 trans-1,4-Dichloro-2-butene	53	9.349	9.349	0.0	81	39573	15.9	
102 N-Propylbenzene	91	9.371	9.371	0.0	99	794922	19.1	
105 2-Chlorotoluene	91	9.435	9.442	-0.007	96	444629	18.6	
143 4-Ethyltoluene	105	9.571	9.564	0.007	99	642085	19.3	
107 4-Chlorotoluene	91	9.629	9.628	0.001	98	470559	19.1	
106 1,3,5-Trimethylbenzene	105	9.686	9.686	0.0	92	529978	18.4	
108 Butyl Methacrylate	87	9.987	9.987	0.0	91	171548	17.2	
109 tert-Butylbenzene	119	10.187	10.187	0.0	91	451309	19.4	
110 1,2,4-Trimethylbenzene	105	10.273	10.273	0.0	97	540920	18.5	
113 sec-Butylbenzene	105	10.553	10.552	0.001	99	722800	19.5	
115 1,3-Dichlorobenzene	146	10.653	10.653	0.0	94	268264	18.7	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	86	388626	50.0	
117 1,4-Dichlorobenzene	146	10.811	10.810	0.001	92	270671	18.8	
114 4-Isopropyltoluene	119	10.839	10.839	0.0	94	601142	20.5	
118 Benzyl chloride	91	11.090	11.083	0.007	98	253121	17.5	
119 2,3-Dihydroindene	117	11.219	11.219	0.0	90	506292	19.1	
121 1,2-Dichlorobenzene	146	11.376	11.376	0.0	92	250532	18.8	
133 p-Diethylbenzene	119	11.448	11.448	0.0	92	359885	20.2	
120 n-Butylbenzene	91	11.470	11.477	-0.007	98	727761	19.7	
122 1,2-Dibromo-3-Chloropropane	157	12.372	12.372	0.0	86	24345	14.9	
132 1,2,4,5-Tetramethylbenzene	119	12.386	12.386	0.0	95	543513	20.4	
145 1,3,5-Trichlorobenzene	180	12.587	12.587	0.0	96	204118	20.6	
123 Camphor	95	13.088	13.088	0.0	92	76206	71.7	
124 1,2,4-Trichlorobenzene	180	13.182	13.181	0.001	94	184230	19.9	
126 Hexachlorobutadiene	225	13.361	13.360	0.001	87	107086	20.0	
127 Naphthalene	128	13.382	13.382	0.0	99	428552	19.0	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	95	162039	19.1	
S 131 Xylenes, Total	100				0		36.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84753.D

Injection Date: 13-Mar-2014 18:53:30

Instrument ID: CVOAMS12

Operator ID: VOA GC/MS12

Lims ID: LCSD

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

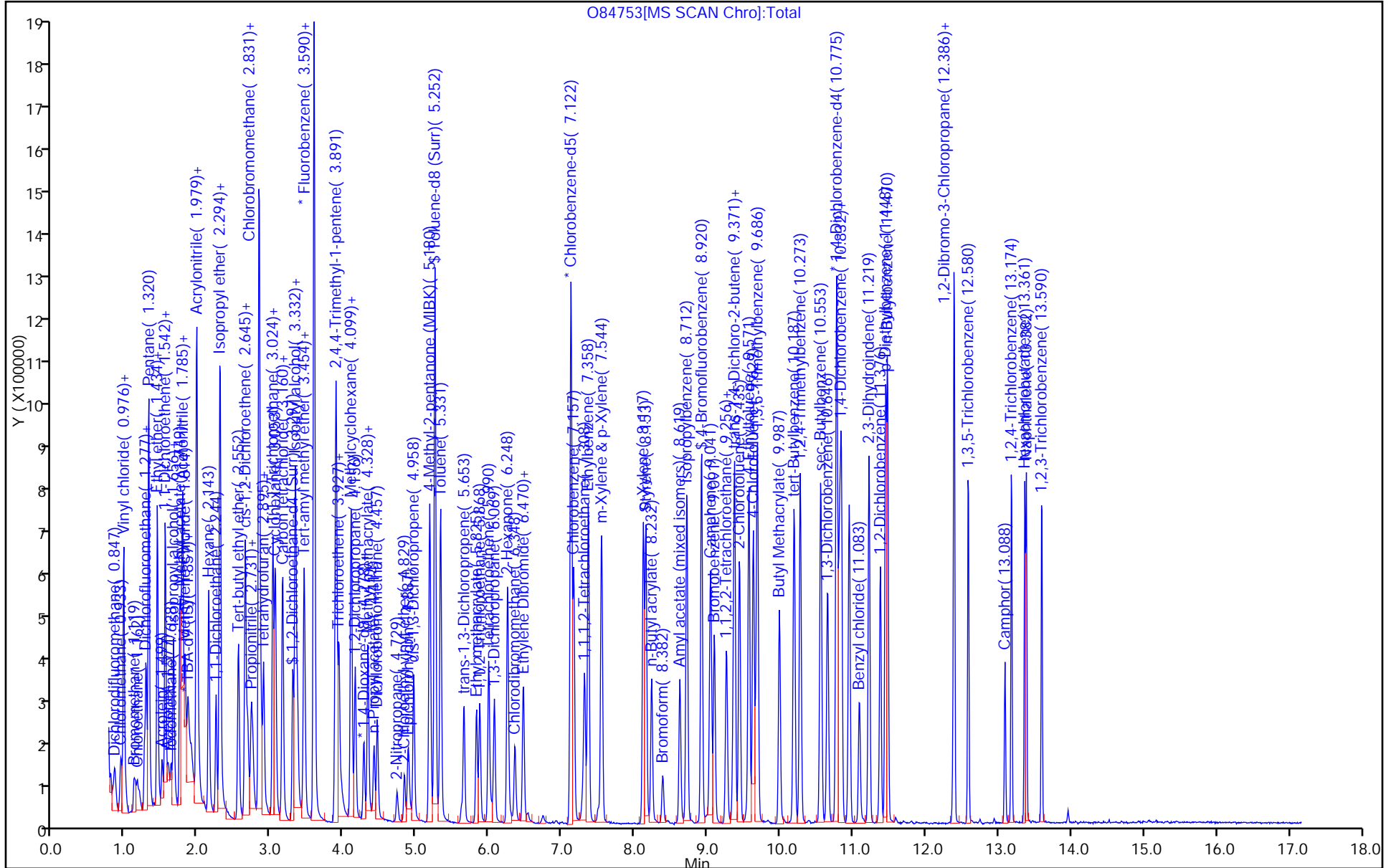
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260S_12

Limit Group: VOA - 8260B Water and Solid

Column: DB-624 (0.18 mm)



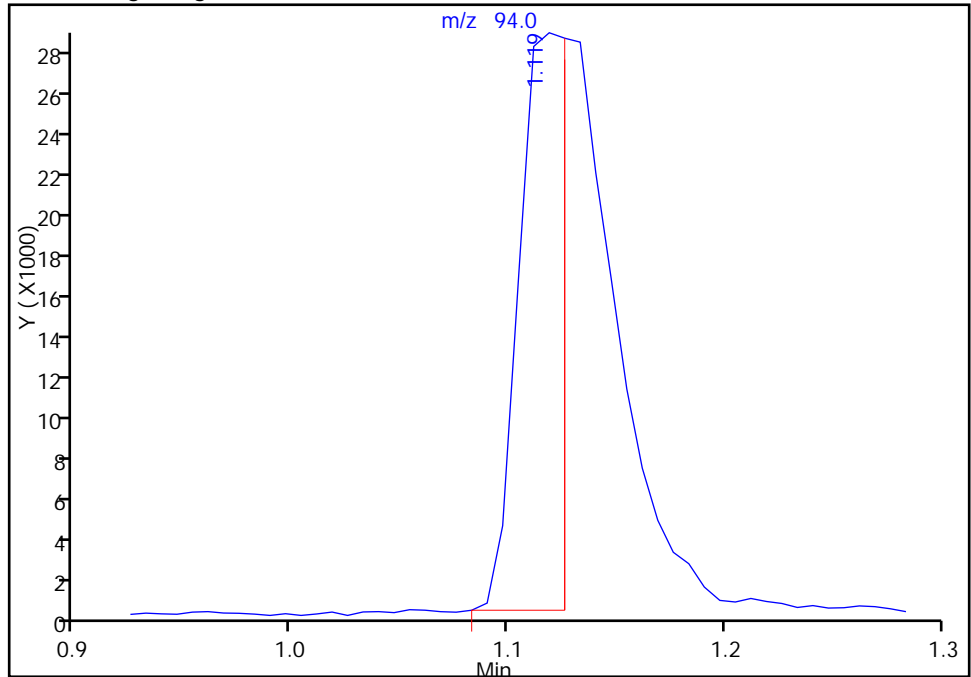
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CVOAMS12\20140313-10824.b\O84753.D
Injection Date: 13-Mar-2014 18:53:30 Instrument ID: CVOAMS12
Lims ID: LCSD
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260B Water and Solid
Column: DB-624 (0.18 mm) Detector: MS SCAN

6 Bromomethane, CAS: 74-83-9

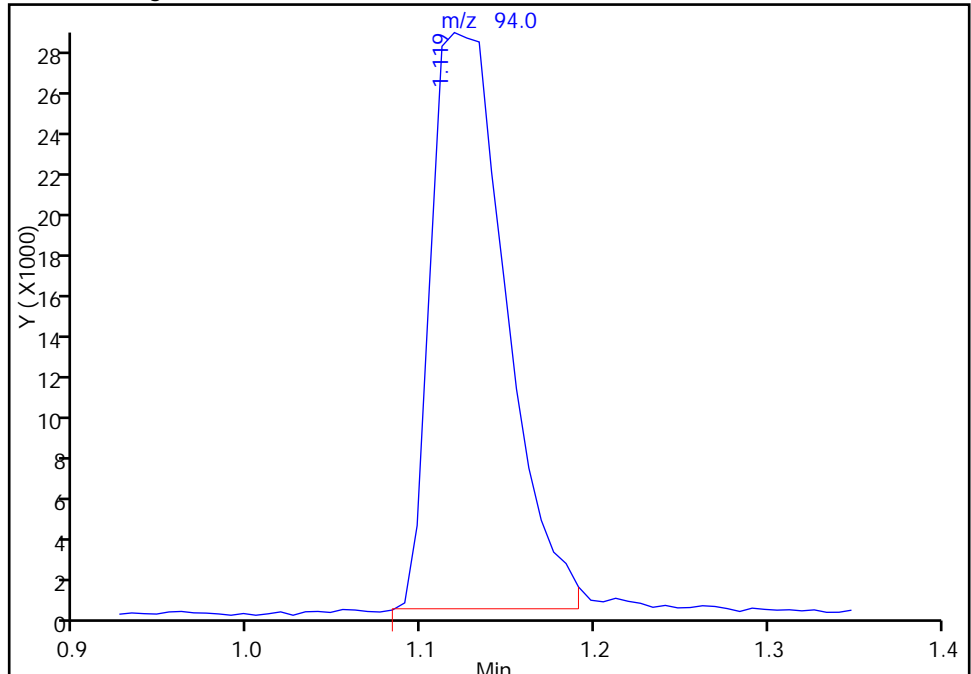
RT: 1.12
Response: 44451
Amount: 12.501448

Processing Integration Results



RT: 1.12
Response: 84022
Amount: 23.636068

Manual Integration Results



Reviewer: delpolitov, 14-Mar-2014 08:35:34
Audit Action: Manually Integrated
Audit Reason: Peak Not Integrated

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-212542/17
 Matrix: Solid Lab File ID: O84789.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 11:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.5		1.0	0.16
74-83-9	Bromomethane	22.1		1.0	0.43
75-01-4	Vinyl chloride	19.7		1.0	0.34
75-00-3	Chloroethane	20.5		1.0	0.33
75-09-2	Methylene Chloride	19.0		1.0	0.15
67-64-1	Acetone	82.7		5.0	1.7
75-15-0	Carbon disulfide	18.9		1.0	0.15
75-69-4	Trichlorofluoromethane	21.3		1.0	0.16
75-35-4	1,1-Dichloroethene	19.2		1.0	0.19
75-34-3	1,1-Dichloroethane	18.6		1.0	0.11
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	17.7		1.0	0.11
67-66-3	Chloroform	18.0		1.0	0.24
78-93-3	2-Butanone	84.6		5.0	0.63
107-06-2	1,2-Dichloroethane	17.6		1.0	0.18
71-55-6	1,1,1-Trichloroethane	18.1		1.0	0.13
56-23-5	Carbon tetrachloride	17.0		1.0	0.15
71-43-2	Benzene	18.4		1.0	0.15
75-25-2	Bromoform	15.1		1.0	0.17
100-42-5	Styrene	18.6		1.0	0.28
100-41-4	Ethylbenzene	18.1		1.0	0.17
108-90-7	Chlorobenzene	19.0		1.0	0.18
110-82-7	Cyclohexane	17.7		1.0	0.13
98-82-8	Isopropylbenzene	19.2		1.0	0.11
591-78-6	2-Hexanone	83.6		5.0	0.13
1634-04-4	MTBE	19.4		1.0	0.11
76-13-1	Freon TF	20.5		1.0	0.11
79-20-9	Methyl acetate	91.0		5.0	0.32
123-91-1	1,4-Dioxane	442		20	13
79-01-6	Trichloroethene	17.6		1.0	0.12
108-88-3	Toluene	18.6		1.0	0.14
10061-02-6	trans-1,3-Dichloropropene	17.3		1.0	0.10
108-10-1	4-Methyl-2-pentanone	88.1		5.0	0.20
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.14
95-50-1	1,2-Dichlorobenzene	18.7		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-212542/17
 Matrix: Solid Lab File ID: O84789.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(g) Date Analyzed: 03/14/2014 11:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212542 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.8		1.0	0.11
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.19
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.16
78-87-5	1,2-Dichloropropane	17.9		1.0	0.15
108-87-2	Methylcyclohexane	18.4		1.0	0.10
127-18-4	Tetrachloroethene	18.8		1.0	0.12
1330-20-7	Xylenes, Total	36.0		2.0	0.67
96-12-8	1,2-Dibromo-3-Chloropropane	14.7		1.0	0.44
79-34-5	1,1,2,2-Tetrachloroethane	17.4		1.0	0.090
79-00-5	1,1,2-Trichloroethane	17.8		1.0	0.14
124-48-1	Dibromochloromethane	15.9		1.0	0.10
106-93-4	1,2-Dibromoethane	17.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	20.1		1.0	0.22
74-97-5	Bromochloromethane	18.6		1.0	0.11
75-27-4	Bromodichloromethane	16.9		1.0	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	91		70-130
1868-53-7	Dibromofluoromethane (Surr)	87		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\O84789.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 14-Mar-2014 11:16:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0010850-017
 Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
 Method: \\EDICHROM\ChromData\CVOAMS12\20140314-10850.b\8260S_12.m
 Limit Group: VOA - 8260B Water and Solid
 Last Update: 14-Mar-2014 12:12:07 Calib Date: 12-Mar-2014 05:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CVOAMS12\20140312-10741.b\O84668.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: XAWRK008

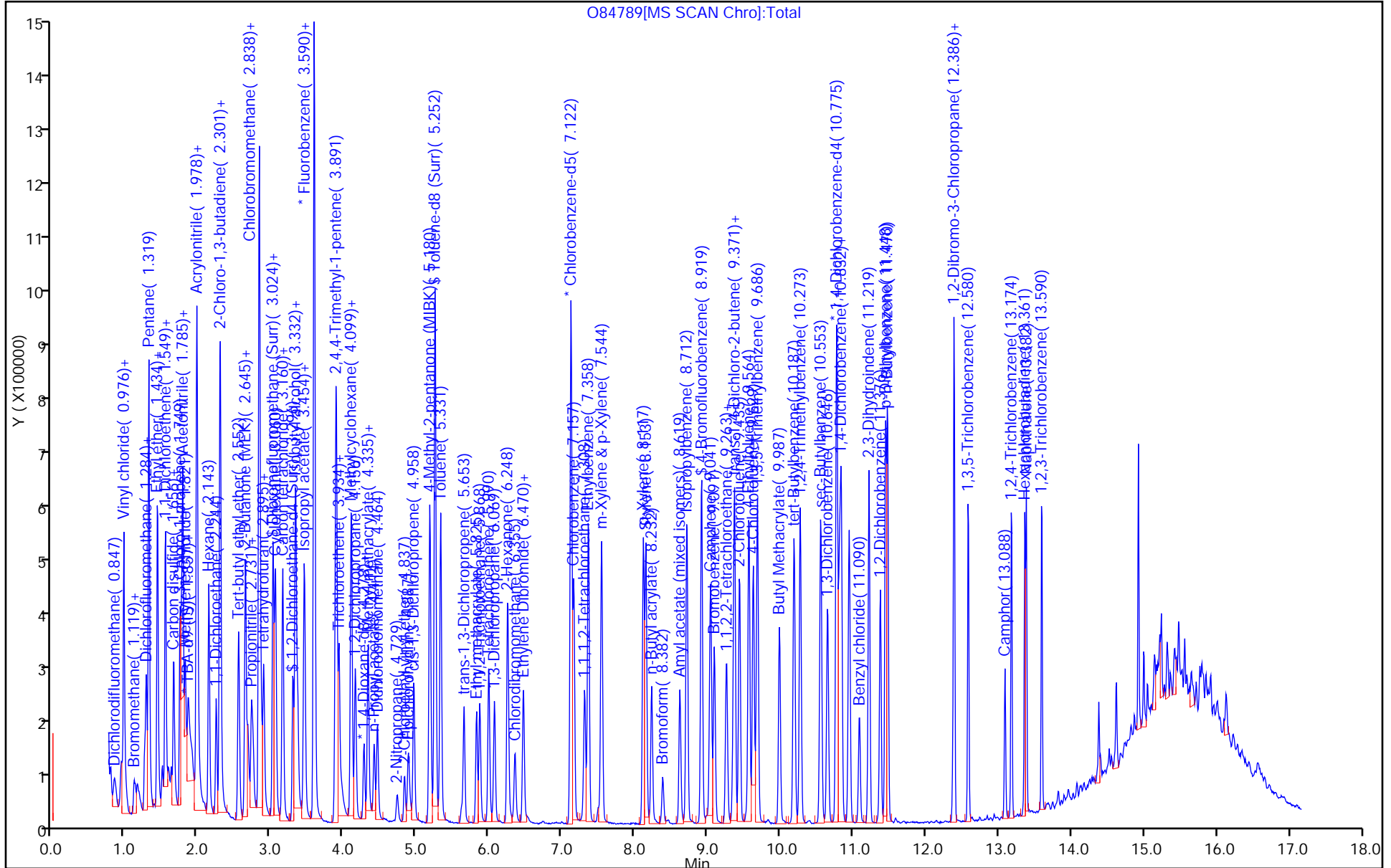
First Level Reviewer: delpolitov

Date: 14-Mar-2014 12:02:50

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.847	0.847	0.0	88	136454	20.1	
2 Chloromethane	50	0.940	0.933	0.007	88	141049	21.5	
149 Butadiene	54	0.976	0.976	0.0	97	142483	20.0	
4 Vinyl chloride	62	0.983	0.976	0.007	70	152683	19.7	
6 Bromomethane	94	1.119	1.126	-0.007	97	62664	22.1	
7 Chloroethane	64	1.162	1.162	0.0	96	68209	20.5	
9 Dichlorofluoromethane	67	1.262	1.262	0.0	89	185186	20.8	
8 Trichlorofluoromethane	101	1.284	1.277	0.007	87	150883	21.3	
10 Pentane	72	1.319	1.320	-0.001	96	39519	38.6	
11 Ethanol	46	1.398	1.398	0.0	80	21286	785.5	
13 Ethyl ether	59	1.434	1.427	0.007	93	76431	17.7	
14 2-Methyl-1,3-butadiene	67	1.441	1.434	0.007	97	147870	19.4	
17 Acrolein	56	1.506	1.499	0.007	93	82844	199.7	
18 1,1-Dichloroethene	96	1.549	1.542	0.007	87	83497	19.2	
16 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.549	1.542	0.007	67	94120	20.5	
19 Acetone	43	1.592	1.585	0.007	82	153131	82.7	
20 Iodomethane	142	1.627	1.628	-0.001	99	80784	15.4	
21 Carbon disulfide	76	1.656	1.656	0.0	99	294709	18.9	
34 Isopropyl alcohol	45	1.678	1.671	0.007	54	53500	164.8	
147 3-Chloro-1-propene	76	1.749	1.742	0.007	92	67814	20.0	
23 Methyl acetate	43	1.771	1.764	0.007	99	396734	91.0	
22 Cyclopentene	67	1.785	1.785	0.0	82	284679	20.5	
24 Acetonitrile	39	1.785	1.785	0.0	40	88811	179.7	
25 Methylene Chloride	84	1.821	1.814	0.007	93	100640	19.0	
* 151 TBA-d9 (IS)	65	1.864	1.857	0.007	77	467879	1000.0	
26 2-Methyl-2-propanol	59	1.914	1.907	0.007	90	113154	165.0	
29 trans-1,2-Dichloroethene	96	1.978	1.971	0.007	89	91508	19.0	
30 Acrylonitrile	53	1.978	1.971	0.007	95	340455	192.2	
27 Methyl tert-butyl ether	73	1.986	1.979	0.007	96	255231	19.4	
32 Hexane	43	2.143	2.143	0.0	95	114623	15.6	
36 1,1-Dichloroethane	63	2.244	2.244	0.0	92	175861	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	43	2.294	2.287	0.007	100	490698	37.6	
35 Isopropyl ether	45	2.301	2.294	0.007	76	339651	17.6	
33 2-Chloro-1,3-butadiene	88	2.301	2.301	0.0	70	88746	19.3	
38 Allyl alcohol	57	2.308	2.308	0.0	30	44470	383.0	
40 Tert-butyl ethyl ether	59	2.552	2.552	0.0	89	277520	18.4	
41 2,2-Dichloropropane	77	2.645	2.638	0.007	92	132763	16.6	
42 cis-1,2-Dichloroethene	96	2.652	2.645	0.007	90	102205	17.7	
43 2-Butanone (MEK)	72	2.680	2.673	0.007	100	53097	84.6	
44 Ethyl acetate	43	2.731	2.723	0.008	100	183763	34.6	
48 Propionitrile	54	2.731	2.731	0.0	43	126345	189.9	
39 Methyl acrylate	55	2.752	2.745	0.007	88	102907	16.8	
46 Chlorobromomethane	128	2.831	2.824	0.007	94	42222	18.6	
31 Methacrylonitrile	67	2.838	2.831	0.007	93	369637	190.5	
45 Tetrahydrofuran	71	2.874	2.867	0.007	83	22160	32.0	
47 Chloroform	83	2.895	2.895	0.0	92	155905	18.0	
\$ 152 Dibromofluoromethane (Surr)	113	3.024	3.024	0.0	94	149551	43.5	
50 1,1,1-Trichloroethane	97	3.024	3.024	0.0	84	133472	18.1	
49 Cyclohexane	56	3.060	3.053	0.007	92	194065	17.7	
51 Carbon tetrachloride	117	3.160	3.153	0.007	90	110766	17.0	
52 1,1-Dichloropropene	75	3.160	3.160	0.0	95	131220	18.0	
\$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.296	3.297	-0.001	84	149010	41.7	
56 Isobutyl alcohol	43	3.339	3.332	0.007	85	106967	415.8	
53 Benzene	78	3.332	3.332	0.0	97	398954	18.4	
55 1,2-Dichloroethane	62	3.368	3.361	0.007	85	103211	17.6	
142 Tert-amyl methyl ether	73	3.454	3.454	0.0	80	255463	18.9	
57 Isopropyl acetate	43	3.454	3.454	0.0	94	258345	17.7	
58 n-Heptane	57	3.590	3.590	0.0	90	130513	19.5	
* 59 Fluorobenzene	96	3.590	3.590	0.0	97	850146	50.0	
60 2,4,4-Trimethyl-1-pentene	57	3.891	3.891	0.0	95	665002	40.6	
61 Trichloroethene	95	3.934	3.934	0.0	96	96441	17.6	
62 n-Butanol	56	3.963	3.963	0.0	88	66925	344.7	
63 Methylcyclohexane	83	4.099	4.099	0.0	82	196425	18.4	
64 Ethyl acrylate	55	4.099	4.099	0.0	94	267729	17.9	
65 1,2-Dichloropropane	63	4.156	4.156	0.0	90	105375	17.9	
68 Dibromomethane	93	4.278	4.271	0.007	94	52173	18.8	
* 150 1,4-Dioxane-d8	96	4.278	4.271	0.007	31	44923	1000.0	
66 Methyl methacrylate	41	4.335	4.328	0.007	92	158599	34.6	
67 1,4-Dioxane	88	4.335	4.335	0.0	23	25501	441.9	
69 n-Propyl acetate	43	4.414	4.414	0.0	99	142723	17.2	
70 Dichlorobromomethane	83	4.464	4.457	0.007	96	110539	16.9	
71 2-Nitropropane	41	4.729	4.729	0.0	98	32468	26.9	
72 2-Chloroethyl vinyl ether	63	4.837	4.829	0.008	95	39164	21.8	
73 Epichlorohydrin	57	4.887	4.887	0.0	98	151622	321.1	
74 cis-1,3-Dichloropropene	75	4.958	4.958	0.0	89	148979	17.8	
75 4-Methyl-2-pentanone (MIBK)	43	5.180	5.180	0.0	97	473520	88.1	
\$ 76 Toluene-d8 (Surr)	98	5.252	5.252	0.0	99	684939	44.4	
77 Toluene	91	5.331	5.331	0.0	93	424991	18.6	
78 trans-1,3-Dichloropropene	75	5.653	5.646	0.007	95	119817	17.3	
82 Ethyl methacrylate	69	5.825	5.818	0.007	90	119776	16.6	
79 1,1,2-Trichloroethane	83	5.868	5.868	0.0	93	66743	17.8	
80 Tetrachloroethene	166	5.990	5.990	0.0	89	88397	18.8	
81 1,3-Dichloropropane	76	6.069	6.069	0.0	94	143043	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/l	Flags
83 2-Hexanone	43	6.248	6.248	0.0	97	341387	83.6	
84 Chlorodibromomethane	129	6.348	6.348	0.0	95	71998	15.9	
86 Ethylene Dibromide	107	6.463	6.463	0.0	97	74493	17.4	
85 n-Butyl acetate	43	6.470	6.470	0.0	99	134913	15.7	
* 87 Chlorobenzene-d5	117	7.122	7.122	0.0	88	588695	50.0	
88 Chlorobenzene	112	7.157	7.157	0.0	92	258254	19.0	
90 1,1,1,2-Tetrachloroethane	131	7.308	7.308	0.0	89	79744	17.0	
89 Ethylbenzene	106	7.365	7.358	0.007	98	145666	18.1	
91 m-Xylene & p-Xylene	106	7.544	7.544	0.0	97	175020	18.3	
92 o-Xylene	106	8.117	8.117	0.0	90	167971	17.8	
94 Styrene	104	8.153	8.153	0.0	93	290164	18.6	
93 n-Butyl acrylate	73	8.232	8.232	0.0	98	71656	16.4	
97 Bromoform	173	8.382	8.382	0.0	93	41354	15.1	
96 Amyl acetate (mixed isomers)	43	8.619	8.619	0.0	89	167967	15.6	
98 Isopropylbenzene	105	8.712	8.712	0.0	96	464888	19.2	
\$ 99 4-Bromofluorobenzene	174	8.919	8.920	-0.001	85	188411	45.4	
95 Camphene	41	9.041	9.041	0.0	95	45116	18.0	
100 Bromobenzene	156	9.091	9.091	0.0	93	93925	17.9	
101 1,1,2,2-Tetrachloroethane	83	9.256	9.256	0.0	93	105808	17.4	
103 1,2,3-Trichloropropane	110	9.263	9.263	0.0	94	29276	16.0	
104 trans-1,4-Dichloro-2-butene	53	9.349	9.349	0.0	80	28856	16.0	
102 N-Propylbenzene	91	9.371	9.371	0.0	99	587904	19.5	
105 2-Chlorotoluene	91	9.435	9.435	0.0	96	329676	19.0	
143 4-Ethyltoluene	105	9.564	9.564	0.0	98	472906	19.6	
107 4-Chlorotoluene	91	9.629	9.629	0.0	97	342171	19.2	
106 1,3,5-Trimethylbenzene	105	9.686	9.686	0.0	92	381389	18.3	
108 Butyl Methacrylate	87	9.987	9.987	0.0	91	129043	17.8	
109 tert-Butylbenzene	119	10.187	10.187	0.0	90	323342	19.2	
110 1,2,4-Trimethylbenzene	105	10.273	10.273	0.0	98	390985	18.5	
113 sec-Butylbenzene	105	10.553	10.553	0.0	99	524419	19.6	
115 1,3-Dichlorobenzene	146	10.653	10.646	0.007	93	192446	18.5	
* 116 1,4-Dichlorobenzene-d4	152	10.775	10.775	0.0	96	281629	50.0	
117 1,4-Dichlorobenzene	146	10.811	10.811	-0.001	91	195935	18.8	
114 4-Isopropyltoluene	119	10.839	10.832	0.007	97	432783	20.4	
118 Benzyl chloride	91	11.083	11.083	0.0	98	174872	16.7	
119 2,3-Dihydroindene	117	11.219	11.219	0.0	93	370021	19.3	
121 1,2-Dichlorobenzene	146	11.376	11.376	0.0	93	180434	18.7	
133 p-Diethylbenzene	119	11.448	11.448	0.0	91	259923	20.1	
120 n-Butylbenzene	91	11.477	11.470	0.007	98	530083	19.8	
122 1,2-Dibromo-3-Chloropropane	157	12.372	12.372	0.0	86	17484	14.7	
132 1,2,4,5-Tetramethylbenzene	119	12.386	12.386	0.0	94	394091	20.4	
145 1,3,5-Trichlorobenzene	180	12.587	12.587	0.0	97	147380	20.5	
123 Camphor	95	13.088	13.088	0.0	91	57186	74.3	
124 1,2,4-Trichlorobenzene	180	13.181	13.182	-0.001	93	132493	19.8	
126 Hexachlorobutadiene	225	13.361	13.361	0.0	87	72853	18.8	
127 Naphthalene	128	13.382	13.382	0.0	99	313492	19.2	
128 1,2,3-Trichlorobenzene	180	13.597	13.597	0.0	93	118622	19.3	
S 131 Xylenes, Total	100				0		36.0	



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72174-A-26-A 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72174-A-26-A 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72069-A-8 MS
 Matrix: Water Lab File ID: A00530.D
 Analysis Method: 8260B Date Collected: 03/05/2014 15:25
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 11:59
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212288 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	81.4		5.0	0.50
74-83-9	Bromomethane	89.1		5.0	0.90
75-01-4	Vinyl chloride	86.3		5.0	0.70
75-00-3	Chloroethane	86.2		5.0	0.85
75-09-2	Methylene Chloride	115		5.0	0.90
67-64-1	Acetone	575		25	13
75-15-0	Carbon disulfide	82.6		5.0	0.65
75-69-4	Trichlorofluoromethane	97.0		5.0	0.75
75-35-4	1,1-Dichloroethene	96.1		5.0	0.45
75-34-3	1,1-Dichloroethane	97.7		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	96.9		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	93.5		5.0	0.90
67-66-3	Chloroform	95.8		5.0	0.40
78-93-3	2-Butanone	572		25	12
107-06-2	1,2-Dichloroethane	96.2		5.0	0.95
71-55-6	1,1,1-Trichloroethane	95.5		5.0	0.30
56-23-5	Carbon tetrachloride	98.0		5.0	0.30
71-43-2	Benzene	625		5.0	0.40
75-25-2	Bromoform	67.6		5.0	0.95
100-42-5	Styrene	92.4		5.0	0.60
100-41-4	Ethylbenzene	1070		5.0	0.50
108-90-7	Chlorobenzene	91.2		5.0	0.55
110-82-7	Cyclohexane	287		5.0	0.80
98-82-8	Isopropylbenzene	155		5.0	0.40
591-78-6	2-Hexanone	495		25	2.5
1634-04-4	MTBE	103		5.0	0.70
76-13-1	Freon TF	114		5.0	0.40
79-20-9	Methyl acetate	1410		25	1.7
123-91-1	1,4-Dioxane	1860		250	180
79-01-6	Trichloroethene	96.8		5.0	0.45
108-88-3	Toluene	554		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	91.7		5.0	1.2
108-10-1	4-Methyl-2-pentanone	533		25	5.0
10061-01-5	cis-1,3-Dichloropropene	90.1		5.0	0.90
95-50-1	1,2-Dichlorobenzene	96.3		5.0	1.1
541-73-1	1,3-Dichlorobenzene	94.8		5.0	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72069-A-8 MS
 Matrix: Water Lab File ID: A00530.D
 Analysis Method: 8260B Date Collected: 03/05/2014 15:25
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 11:59
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212288 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	95.3		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	101		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	111		5.0	2.6
78-87-5	1,2-Dichloropropane	89.1		5.0	0.45
108-87-2	Methylcyclohexane	164		5.0	0.70
127-18-4	Tetrachloroethene	103		5.0	0.50
1330-20-7	Xylenes, Total	1100		10	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	101		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	97.1		5.0	0.80
79-00-5	1,1,2-Trichloroethane	93.2		5.0	0.95
124-48-1	Dibromochloromethane	75.5		5.0	1.0
106-93-4	1,2-Dibromoethane	91.8		5.0	1.4
75-71-8	Dichlorodifluoromethane	70.7		5.0	1.1
74-97-5	Bromochloromethane	92.8		5.0	1.4
75-27-4	Bromodichloromethane	80.2		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
460-00-4	Bromofluorobenzene	102		70-130
1868-53-7	Dibromofluoromethane (Surr)	102		70-130

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72174-A-26-A 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72174-A-26-A 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72069-A-8 MSD
 Matrix: Water Lab File ID: A00531.D
 Analysis Method: 8260B Date Collected: 03/05/2014 15:25
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 12:19
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212288 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	90.6		5.0	0.50
74-83-9	Bromomethane	97.0		5.0	0.90
75-01-4	Vinyl chloride	94.7		5.0	0.70
75-00-3	Chloroethane	94.9		5.0	0.85
75-09-2	Methylene Chloride	119		5.0	0.90
67-64-1	Acetone	626		25	13
75-15-0	Carbon disulfide	93.0		5.0	0.65
75-69-4	Trichlorofluoromethane	105		5.0	0.75
75-35-4	1,1-Dichloroethene	107		5.0	0.45
75-34-3	1,1-Dichloroethane	104		5.0	0.65
156-60-5	trans-1,2-Dichloroethene	102		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	102		5.0	0.90
67-66-3	Chloroform	101		5.0	0.40
78-93-3	2-Butanone	647		25	12
107-06-2	1,2-Dichloroethane	102		5.0	0.95
71-55-6	1,1,1-Trichloroethane	101		5.0	0.30
56-23-5	Carbon tetrachloride	107		5.0	0.30
71-43-2	Benzene	681		5.0	0.40
75-25-2	Bromoform	73.8		5.0	0.95
100-42-5	Styrene	102		5.0	0.60
100-41-4	Ethylbenzene	1160		5.0	0.50
108-90-7	Chlorobenzene	101		5.0	0.55
110-82-7	Cyclohexane	314		5.0	0.80
98-82-8	Isopropylbenzene	171		5.0	0.40
591-78-6	2-Hexanone	546		25	2.5
1634-04-4	MTBE	111		5.0	0.70
76-13-1	Freon TF	121		5.0	0.40
79-20-9	Methyl acetate	1530		25	1.7
123-91-1	1,4-Dioxane	3590		250	180
79-01-6	Trichloroethene	106		5.0	0.45
108-88-3	Toluene	603		5.0	0.75
10061-02-6	trans-1,3-Dichloropropene	97.1		5.0	1.2
108-10-1	4-Methyl-2-pentanone	572		25	5.0
10061-01-5	cis-1,3-Dichloropropene	96.2		5.0	0.90
95-50-1	1,2-Dichlorobenzene	108		5.0	1.1
541-73-1	1,3-Dichlorobenzene	105		5.0	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72069-A-8 MSD
 Matrix: Water Lab File ID: A00531.D
 Analysis Method: 8260B Date Collected: 03/05/2014 15:25
 Sample wt/vol: 5(mL) Date Analyzed: 03/13/2014 12:19
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 212288 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	103		5.0	1.2
120-82-1	1,2,4-Trichlorobenzene	130		5.0	1.7
87-61-6	1,2,3-Trichlorobenzene	159		5.0	2.6
78-87-5	1,2-Dichloropropane	93.6		5.0	0.45
108-87-2	Methylcyclohexane	177		5.0	0.70
127-18-4	Tetrachloroethene	112		5.0	0.50
1330-20-7	Xylenes, Total	1210		10	0.65
96-12-8	1,2-Dibromo-3-Chloropropane	131		5.0	2.0
79-34-5	1,1,2,2-Tetrachloroethane	108		5.0	0.80
79-00-5	1,1,2-Trichloroethane	96.2		5.0	0.95
124-48-1	Dibromochloromethane	81.4		5.0	1.0
106-93-4	1,2-Dibromoethane	98.3		5.0	1.4
75-71-8	Dichlorodifluoromethane	77.0		5.0	1.1
74-97-5	Bromochloromethane	96.9		5.0	1.4
75-27-4	Bromodichloromethane	87.5		5.0	0.60

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	93		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 03/11/2014 04:45Analysis 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.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 03/13/2014 06:01

Analysis Batch Number: 212288 End Date: 03/13/2014 17:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212288/1		03/13/2014 06:01	1	A00516.D	Rtx-624 0.25 (mm)
CCVIS 460-212288/3		03/13/2014 06:43	1	A00518.D	Rtx-624 0.25 (mm)
LCS 460-212288/4		03/13/2014 07:06	1	A00519.D	Rtx-624 0.25 (mm)
MB 460-212288/7		03/13/2014 08:19	1	A00522.D	Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 09:41	1		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 10:22	5		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 11:39	20		Rtx-624 0.25 (mm)
460-72069-A-8 MS		03/13/2014 11:59	5	A00530.D	Rtx-624 0.25 (mm)
460-72069-A-8 MSD		03/13/2014 12:19	5	A00531.D	Rtx-624 0.25 (mm)
460-72180-27	FB_030714	03/13/2014 13:18	1	A00534.D	Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 13:38	1		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 13:58	1		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 14:19	1		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 14:38	1		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 14:58	1		Rtx-624 0.25 (mm)
ZZZZZ		03/13/2014 17:19	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS12 Start Date: 03/12/2014 01:50Analysis Batch Number: 212001 End Date: 03/12/2014 07:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212001/1		03/12/2014 01:50	1	O84659.D	DB-624 0.18 (mm)
STD1 460-212001/3 IC		03/12/2014 02:41	1	O84661.D	DB-624 0.18 (mm)
STD5 460-212001/4 IC		03/12/2014 03:06	1	O84662.D	DB-624 0.18 (mm)
STD20 460-212001/5 ICIS		03/12/2014 03:31	1	O84663.D	DB-624 0.18 (mm)
STD50 460-212001/6 IC		03/12/2014 03:56	1	O84664.D	DB-624 0.18 (mm)
STD200 460-212001/7 IC		03/12/2014 04:20	1	O84665.D	DB-624 0.18 (mm)
STD500 460-212001/10 IC		03/12/2014 05:56	1	O84668.D	DB-624 0.18 (mm)
ICV 460-212001/13		03/12/2014 07:11	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS12 Start Date: 03/13/2014 16:19Analysis Batch Number: 212436 End Date: 03/14/2014 03:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212436/1		03/13/2014 16:19	1	084750.D	DB-624 0.18 (mm)
CCVIS 460-212436/2		03/13/2014 18:03	1	084751.D	DB-624 0.18 (mm)
LCS 460-212436/3		03/13/2014 18:28	1	084752.D	DB-624 0.18 (mm)
LCSD 460-212436/4		03/13/2014 18:53	1	084753.D	DB-624 0.18 (mm)
MB 460-212436/6		03/13/2014 19:54	1	084755.D	DB-624 0.18 (mm)
460-72180-28	Trip Blank	03/13/2014 20:19	1	084756.D	DB-624 0.18 (mm)
460-72180-1	PMP-28SW-SD	03/13/2014 20:43	1	084757.D	DB-624 0.18 (mm)
460-72180-2	PMP-15SW-VD	03/13/2014 22:11	1	084758.D	DB-624 0.18 (mm)
460-72180-4	PMP-15SW-SI	03/13/2014 22:36	1	084759.D	DB-624 0.18 (mm)
460-72180-5	PMP-15SW-SD	03/13/2014 23:01	1	084760.D	DB-624 0.18 (mm)
460-72180-7	PMP-16SW-SI	03/13/2014 23:26	1	084761.D	DB-624 0.18 (mm)
460-72180-8	PMP-17SW-WT	03/13/2014 23:51	1	084762.D	DB-624 0.18 (mm)
460-72180-11	PMP-18SW-WT	03/14/2014 00:40	1	084764.D	DB-624 0.18 (mm)
460-72180-12	PMP-18SW-SI	03/14/2014 01:05	1	084765.D	DB-624 0.18 (mm)
460-72180-16	PMP-26SW-VD	03/14/2014 01:30	1	084766.D	DB-624 0.18 (mm)
460-72180-17	PMP-26SW-WT	03/14/2014 01:54	1	084767.D	DB-624 0.18 (mm)
ZZZZZ		03/14/2014 02:19	1		DB-624 0.18 (mm)
460-72180-19	PMP-27SW-VD	03/14/2014 02:44	1	084769.D	DB-624 0.18 (mm)
460-72180-21	PMP-27SW-SD	03/14/2014 03:09	1	084770.D	DB-624 0.18 (mm)
460-72180-22	PMP-31SW-VS	03/14/2014 03:33	1	084771.D	DB-624 0.18 (mm)
460-72180-23	PMP-32SW-VS	03/14/2014 03:58	1	084772.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS12 Start Date: 03/14/2014 04:21Analysis Batch Number: 212542 End Date: 03/14/2014 16:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212542/1		03/14/2014 04:21	1	084773.D	DB-624 0.18 (mm)
CCVIS 460-212542/2		03/14/2014 04:52	1	084774.D	DB-624 0.18 (mm)
LCS 460-212542/3		03/14/2014 05:16	1	084775.D	DB-624 0.18 (mm)
ZZZZZ		03/14/2014 05:41	1		DB-624 0.18 (mm)
MB 460-212542/6		03/14/2014 06:44	1	084778.D	DB-624 0.18 (mm)
460-72180-18	PMP-26SW-SI	03/14/2014 07:08	1	084779.D	DB-624 0.18 (mm)
460-72180-9	PMP-17SW-SI	03/14/2014 07:58	1	084781.D	DB-624 0.18 (mm)
460-72180-25	DUP2_030714	03/14/2014 08:47	1	084783.D	DB-624 0.18 (mm)
460-72180-29	PMP-27SW-SI	03/14/2014 09:12	1	084784.D	DB-624 0.18 (mm)
460-72180-15	PMP-19SW-SI	03/14/2014 10:01	1	084786.D	DB-624 0.18 (mm)
460-72180-10	PMP-18SW-VD	03/14/2014 10:26	1	084787.D	DB-624 0.18 (mm)
460-72180-26	DUP3_030714	03/14/2014 10:51	1	084788.D	DB-624 0.18 (mm)
LCSD 460-212542/17		03/14/2014 11:16	1	084789.D	DB-624 0.18 (mm)
ZZZZZ		03/14/2014 12:17	1		DB-624 0.18 (mm)
ZZZZZ		03/14/2014 13:56	1		DB-624 0.18 (mm)
ZZZZZ		03/14/2014 15:10	1		DB-624 0.18 (mm)
ZZZZZ		03/14/2014 15:35	1		DB-624 0.18 (mm)
ZZZZZ		03/14/2014 15:59	1		DB-624 0.18 (mm)
460-72180-13	PMP-19SW-VD	03/14/2014 16:24	1	084801.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 03/13/2014 21:16Analysis 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)
ZZZZZ		03/13/2014 23:47	50		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-A-26-A MS		03/14/2014 03:04	100	J09976.D	Rtx-624 0.25 (mm)
460-72174-A-26-A 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)
460-72180-14	PMP-19SW-WT	03/14/2014 05:33	50	J09982.D	Rtx-624 0.25 (mm)
460-72180-20	PMP-27SW-WT	03/14/2014 06:22	50	J09984.D	Rtx-624 0.25 (mm)
460-72180-24	DUP_030714	03/14/2014 06:47	50	J09985.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CVOAMS8 Start Date: 03/14/2014 09:40

Analysis Batch Number: 212620 End Date: 03/14/2014 15:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-212620/1		03/14/2014 09:40	1	J09992.D	Rtx-624 0.25 (mm)
CCVIS 460-212620/2		03/14/2014 10:05	1	J09993.D	Rtx-624 0.25 (mm)
LCS 460-212620/3		03/14/2014 10:30	50	J09994.D	Rtx-624 0.25 (mm)
ZZZZZ		03/14/2014 11:15	50		Rtx-624 0.25 (mm)
MB 460-212620/6		03/14/2014 12:05	50	J09997.D	Rtx-624 0.25 (mm)
ZZZZZ		03/14/2014 12:30	50		Rtx-624 0.25 (mm)
460-72180-3	PMP-15SW-WT	03/14/2014 14:09	50	J10002.D	Rtx-624 0.25 (mm)
460-72180-6	PMP-16SW-WT	03/14/2014 14:33	50	J10003.D	Rtx-624 0.25 (mm)
ZZZZZ		03/14/2014 15:23	100		Rtx-624 0.25 (mm)
ZZZZZ		03/14/2014 15:48	100		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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	
460-72180-C-3	PMP-15SW-WT	5035, 8260B	T	+032.735 g	37.73 g	4.995 g	10 mL	10 mL	
460-72180-C-6	PMP-16SW-WT	5035, 8260B	T	+033.032 g	38.35 g	5.318 g	10 mL	10 mL	
460-72180-C-14	PMP-19SW-WT	5035, 8260B	T	+032.348 g	38.63 g	6.282 g	10 mL	10 mL	
460-72180-C-20	PMP-27SW-WT	5035, 8260B	T	+032.930 g	37.86 g	4.93 g	10 mL	10 mL	
460-72180-C-24	DUP_030714	5035, 8260B	T	+032.725 g	40.08 g	7.355 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.: 460-72180-1

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		
460-72180-A-1	PMP-28SW-SD	5035, 8260B	T	+030.844 g	35.85 g	5.006 g	5 mL		
460-72180-A-2	PMP-15SW-VD	5035, 8260B	T	+030.378 g	34.84 g	4.462 g	5 mL		
460-72180-A-4	PMP-15SW-SI	5035, 8260B	T	+030.649 g	36.56 g	5.911 g	5 mL		
460-72180-A-5	PMP-15SW-SD	5035, 8260B	T	+030.266 g	36.95 g	6.684 g	5 mL		
460-72180-A-7	PMP-16SW-SI	5035, 8260B	T	+030.681 g	35.14 g	4.459 g	5 mL		
460-72180-A-8	PMP-17SW-WT	5035, 8260B	T	+030.380 g	35.09 g	4.71 g	5 mL		
460-72180-B-9	PMP-17SW-SI	5035, 8260B	T	+030.390 g	36.14 g	5.75 g	5 mL		
460-72180-A-10	PMP-18SW-VD	5035, 8260B	T	+030.963 g	37.83 g	6.867 g	5 mL		
460-72180-A-11	PMP-18SW-WT	5035, 8260B	T	+030.584 g	36.69 g	6.106 g	5 mL		
460-72180-A-12	PMP-18SW-SI	5035, 8260B	T	+030.453 g	36.79 g	6.337 g	5 mL		
460-72180-B-13	PMP-19SW-VD	5035, 8260B	T	+030.621 g	35.84 g	5.219 g	5 mL		
460-72180-A-15	PMP-19SW-SI	5035, 8260B	T	+031.088 g	37.62 g	6.532 g	5 mL		
460-72180-A-16	PMP-26SW-VD	5035, 8260B	T	+031.172 g	35.93 g	4.758 g	5 mL		
460-72180-A-17	PMP-26SW-WT	5035, 8260B	T	+030.852 g	36.46 g	5.608 g	5 mL		
460-72180-B-18	PMP-26SW-SI	5035, 8260B	T	+031.053 g	37.34 g	6.287 g	5 mL		
460-72180-A-19	PMP-27SW-VD	5035, 8260B	T	+030.518 g	36.53 g	6.012 g	5 mL		
460-72180-A-21	PMP-27SW-SD	5035, 8260B	T	+030.505 g	36.22 g	5.715 g	5 mL		
460-72180-A-22	PMP-31SW-VS	5035, 8260B	T	+030.878 g	36.74 g	5.862 g	5 mL		
460-72180-A-23	PMP-32SW-VS	5035, 8260B	T	+031.207 g	37.05 g	5.843 g	5 mL		
460-72180-B-25	DUP2_030714	5035, 8260B	T	+030.966 g	36.42 g	5.454 g	5 mL		
460-72180-B-26	DUP3_030714	5035, 8260B	T	+030.532 g	36.72 g	6.188 g	5 mL		
460-72180-E-28	Trip Blank	5035, 8260B	T			5 g	5 mL		
460-72180-B-29	PMP-27SW-SI	5035, 8260B	T	+030.470 g	36.47 g	6 g	5 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.

Method 8270C

Semivolatile Organic Compounds
(GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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-28SW-SD	460-72180-1	75	83	77	82	69	115
PMP-15SW-VD	460-72180-2	79	85	82	90	52	108
PMP-15SW-WT	460-72180-3	71	74	80	95	53	93
PMP-15SW-SI	460-72180-4	68	76	69	77	65	109
PMP-15SW-SD	460-72180-5	72	78	75	81	64	109
PMP-16SW-WT	460-72180-6	75	81	85	94	65	90
PMP-16SW-SI	460-72180-7	81	87	86	98	77	109
PMP-17SW-WT	460-72180-8	74	80	75	95	63	98
PMP-17SW-SI	460-72180-9	87	97	94	105	118 X	102
PMP-18SW-VD	460-72180-10	71	75	65	92	76	93
PMP-18SW-WT	460-72180-11	70	80	64	82	91	85
PMP-18SW-SI	460-72180-12	78	91	69	88	102	109
PMP-19SW-VD	460-72180-13	68	79	71	87	47	102
PMP-19SW-WT	460-72180-14	52	63	47	82	53	94
PMP-19SW-SI	460-72180-15	61	82	55	58	91	116
PMP-26SW-VD	460-72180-16	71	88	63	79	113	112
PMP-26SW-WT	460-72180-17	50	63	49	75	64	90
PMP-26SW-SI	460-72180-18	66	85	59	72	103	108
PMP-27SW-VD	460-72180-19	74	84	63	71	98	116
PMP-27SW-WT	460-72180-20	52	72	44	70	69	96
PMP-27SW-SD	460-72180-21	55	69	51	62	98	110
PMP-31SW-VS	460-72180-22	54	73	46	62	84	106
PMP-32SW-VS	460-72180-23	51	72	46	64	98	116
DUP_030714	460-72180-24	58	71	51	87	69	90
DUP2_030714	460-72180-25	50	63	52	75	90	88
DUP3_030714	460-72180-26	55	78	48	86	112	107
PMP-27SW-SI	460-72180-29	52	70	48	56	76	104
	MB 460-211814/1-A	71	73	81	79	50	90
	MB 460-211817/1-A	90	98	86	82	107	119
	LCS 460-211814/2-A	69	71	78	74	48	87
	LCS 460-211814/3-A	57	59	65	65	49	67
	LCS 460-211817/2-A	87	93	84	77	103	112

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
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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 #
	LCS 460-211817/3-A	73	80	70	69	90	86
PMP-17SW-SI MS	460-72180-9 MS	82	87	82	86	102	90
	460-71983-A-7-A MS	75	78	88	92	54	83
PMP-17SW-SI MSD	460-72180-9 MSD	89	93	93	95	115 X	96
	460-71983-A-7-B MSD	69	77	87	90	53	78

	<u>QC LIMITS</u>
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.: 460-72180-1

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_030714	460-72180-27	29	17	82	75	83	77
	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

	<u>QC LIMITS</u>
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 III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: L1147895.D

Lab ID: LCS 460-211814/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6670	2310	35	10-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: L1147896.D
 Lab ID: LCS 460-211814/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2050	61	46-97	
2-Chlorophenol	3330	2100	63	49-96	
2-Methylphenol	3330	2150	64	47-99	
4-Methylphenol	3330	2100	63	43-100	
Acetophenone	3330	2220	66	10-126	
Bis(2-chloroethyl) ether	3330	2290	69	45-92	
2,2'-oxybis[1-chloropropane]	3330	2340	70	31-101	
N-Nitrosodi-n-propylamine	3330	2330	70	49-99	
Nitrobenzene	3330	2440	73	33-72	*
Hexachloroethane	3330	2250	68	47-88	
Isophorone	3330	2290	69	51-100	
2-Nitrophenol	3330	2210	66	51-98	
2,4-Dimethylphenol	3330	2110	63	46-95	
2,4-Dichlorophenol	3330	2080	62	50-100	
Bis(2-chloroethoxy)methane	3330	2250	67	48-95	
Naphthalene	3330	2190	66	48-92	
4-Chloroaniline	3330	749	22	10-86	
Hexachlorobutadiene	3330	2160	65	49-97	
Caprolactam	3330	1810	54	10-120	
4-Chloro-3-methylphenol	3330	2110	63	50-102	
2-Methylnaphthalene	3330	2170	65	52-100	
Hexachlorobenzene	3330	2200	66	50-104	
Hexachlorocyclopentadiene	3330	2760	83	43-115	
2,4,6-Trichlorophenol	3330	2130	64	49-96	
2,4,5-Trichlorophenol	3330	2130	64	49-96	
Diphenyl	3330	2320	70	10-134	
2-Chloronaphthalene	3330	2280	68	49-93	
2-Nitroaniline	3330	2300	69	35-92	
2,6-Dinitrotoluene	3330	2160	65	52-104	
Dimethyl phthalate	3330	2110	63	51-99	
Acenaphthylene	3330	2290	69	49-97	
3-Nitroaniline	3330	1300	39	19-90	
Acenaphthene	3330	2230	67	48-99	
4-Nitrophenol	6670	3620	54	34-112	
2,4-Dinitrophenol	6670	3410	51	10-139	
Dibenzofuran	3330	2170	65	50-96	
Diethyl phthalate	3330	2050	61	46-100	
Fluorene	3330	2110	63	50-95	
Fluoranthene	3330	2000	60	45-101	
Di-n-butyl phthalate	3330	2020	61	50-99	
2,4-Dinitrotoluene	3330	2100	63	49-102	
4-Chlorophenyl phenyl ether	3330	2060	62	49-95	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: L1147896.D
 Lab ID: LCS 460-211814/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Nitroaniline	3330	1870	56	33-102	
4,6-Dinitro-2-methylphenol	6670	4270	64	14-128	
4-Bromophenyl phenyl ether	3330	2210	66	50-103	
Atrazine	3330	1890	57	10-147	
Anthracene	3330	2250	67	51-97	
Carbazole	3330	2170	65	50-102	
Phenanthrene	3330	2230	67	51-97	
Pentachlorophenol	6670	3590	54	37-99	
Pyrene	3330	2580	77	39-119	
Chrysene	3330	2290	69	50-94	
Benzo[k]fluoranthene	3330	2230	67	53-113	
Benzo[g,h,i]perylene	3330	2420	73	46-120	
Benzo[b]fluoranthene	3330	2280	68	55-115	
Benzo[a]pyrene	3330	2260	68	59-116	
Benzo[a]anthracene	3330	2200	66	51-97	
N-Nitrosodiphenylamine	3330	2390	72	51-103	
Butyl benzyl phthalate	3330	2330	70	47-107	
Bis(2-ethylhexyl) phthalate	3330	2080	62	47-102	
Di-n-octyl phthalate	3330	2250	67	43-120	
Indeno[1,2,3-cd]pyrene	3330	2470	74	47-124	
Dibenz(a,h)anthracene	3330	2460	74	48-115	
3,3'-Dichlorobenzidine	3330	1190	36	9-89	
1,2,4,5-Tetrachlorobenzene	3330	2270	68	45-95	
2,3,4,6-Tetrachlorophenol	3330	1990	60	49-104	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: U94470.D

Lab ID: LCS 460-211817/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6670	1940	29	10-139	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: U94483.D
 Lab ID: LCS 460-211817/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2850	85	46-97	
2-Chlorophenol	3330	3070	92	49-96	
2-Methylphenol	3330	2990	90	47-99	
4-Methylphenol	3330	3120	94	43-100	
Acetophenone	3330	2950	88	10-126	
Bis(2-chloroethyl) ether	3330	2690	81	45-92	
2,2'-oxybis[1-chloropropane]	3330	2660	80	31-101	
N-Nitrosodi-n-propylamine	3330	2870	86	49-99	
Nitrobenzene	3330	2670	80	33-72	*
Hexachloroethane	3330	2400	72	47-88	
Isophorone	3330	2770	83	51-100	
2-Nitrophenol	3330	2840	85	51-98	
2,4-Dimethylphenol	3330	2780	83	46-95	
2,4-Dichlorophenol	3330	2800	84	50-100	
Bis(2-chloroethoxy)methane	3330	2630	79	48-95	
Naphthalene	3330	2610	78	48-92	
4-Chloroaniline	3330	1030	31	10-86	
Hexachlorobutadiene	3330	2610	78	49-97	
Caprolactam	3330	3460	104	10-120	
4-Chloro-3-methylphenol	3330	3170	95	50-102	
2-Methylnaphthalene	3330	2740	82	52-100	
Hexachlorobenzene	3330	3280	98	50-104	
Hexachlorocyclopentadiene	3330	1650	49	43-115	
2,4,6-Trichlorophenol	3330	2740	82	49-96	
2,4,5-Trichlorophenol	3330	2790	84	49-96	
Diphenyl	3330	2250	68	10-134	
2-Chloronaphthalene	3330	2430	73	49-93	
2-Nitroaniline	3330	2530	76	35-92	
2,6-Dinitrotoluene	3330	2980	90	52-104	
Dimethyl phthalate	3330	2650	80	51-99	
Acenaphthylene	3330	2640	79	49-97	
3-Nitroaniline	3330	1510	45	19-90	
Acenaphthene	3330	2420	73	48-99	
4-Nitrophenol	6670	5690	85	34-112	
2,4-Dinitrophenol	6670	5450	82	10-139	
Dibenzofuran	3330	2500	75	50-96	
Diethyl phthalate	3330	2880	86	46-100	
Fluorene	3330	2560	77	50-95	
Fluoranthene	3330	2670	80	45-101	
Di-n-butyl phthalate	3330	2260	68	50-99	
2,4-Dinitrotoluene	3330	3040	91	49-102	
4-Chlorophenyl phenyl ether	3330	3150	94	49-95	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: U94483.D

Lab ID: LCS 460-211817/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Nitroaniline	3330	2850	86	33-102	
4,6-Dinitro-2-methylphenol	6670	5450	82	14-128	
4-Bromophenyl phenyl ether	3330	2660	80	50-103	
Atrazine	3330	2440	73	10-147	
Anthracene	3330	2370	71	51-97	
Carbazole	3330	2500	75	50-102	
Phenanthrene	3330	2260	68	51-97	
Pentachlorophenol	6670	4780	72	37-99	
Pyrene	3330	3310	99	39-119	
Chrysene	3330	2770	83	50-94	
Benzo[k]fluoranthene	3330	2690	81	53-113	
Benzo[g,h,i]perylene	3330	2570	77	46-120	
Benzo[b]fluoranthene	3330	3060	92	55-115	
Benzo[a]pyrene	3330	2730	82	59-116	
Benzo[a]anthracene	3330	2760	83	51-97	
N-Nitrosodiphenylamine	3330	2240	67	51-103	
Butyl benzyl phthalate	3330	2830	85	47-107	
Bis(2-ethylhexyl) phthalate	3330	2770	83	47-102	
Di-n-octyl phthalate	3330	2700	81	43-120	
Indeno[1,2,3-cd]pyrene	3330	2650	80	47-124	
Dibenz(a,h)anthracene	3330	2670	80	48-115	
3,3'-Dichlorobenzidine	3330	1550	47	9-89	
1,2,4,5-Tetrachlorobenzene	3330	2390	72	45-95	
2,3,4,6-Tetrachlorophenol	3330	2920	88	49-104	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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	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
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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	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
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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	REC	
Benzaldehyde	200	210	105	2	30	52-150	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: U94472.D
 Lab ID: 460-72180-9 MS Client ID: PMP-17SW-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3880	52 U	3530	91	46-97	
2-Chlorophenol	3880	51 U	3790	98	49-96	F1
2-Methylphenol	3880	66 U	3650	94	47-99	
4-Methylphenol	3880	76 U	3560	92	43-100	
Benzaldehyde	7770	45 U	5840	75	10-139	
Acetophenone	3880	59 U	3270	84	10-126	
Bis(2-chloroethyl)ether	3880	5.3 U	3140	81	45-92	
2,2'-oxybis[1-chloropropane]	3880	43 U	3200	82	31-101	
N-Nitrosodi-n-propylamine	3880	6.4 U	3290	85	49-99	
Nitrobenzene	3880	5.5 U	3200	82	33-72	F1
Hexachloroethane	3880	4.3 U	2880	74	47-88	
Isophorone	3880	47 U	3480	90	51-100	
2-Nitrophenol	3880	43 U	3550	91	51-98	
2,4-Dimethylphenol	3880	95 U	3600	93	46-95	
2,4-Dichlorophenol	3880	56 U	3440	88	50-100	
Bis(2-chloroethoxy)methane	3880	50 U	3330	86	48-95	
Naphthalene	3880	45 U	3150	81	48-92	
4-Chloroaniline	3880	100 U	1790	46	10-86	
Hexachlorobutadiene	3880	9.4 U	3330	86	49-97	
Caprolactam	3880	89 U	3570	92	10-120	
4-Chloro-3-methylphenol	3880	58 U	3410	88	50-102	
2-Methylnaphthalene	3880	70 J	3230	81	52-100	
Hexachlorobenzene	3880	5.3 U	4570	118	50-104	F1
Hexachlorocyclopentadiene	3880	45 U	2180	56	43-115	
2,4,6-Trichlorophenol	3880	45 U	3930	101	49-96	F1
2,4,5-Trichlorophenol	3880	50 U	4320	111	49-96	F1
Diphenyl	3880	52 U	3300	85	10-134	
2-Chloronaphthalene	3880	43 U	3340	86	49-93	
2-Nitroaniline	3880	160 U	3560	92	35-92	
2,6-Dinitrotoluene	3880	12 U	3990	103	52-104	
Dimethyl phthalate	3880	46 U	3720	96	51-99	
Acenaphthylene	3880	46 U	3430	88	49-97	
3-Nitroaniline	3880	140 U	4150	107	19-90	F1
Acenaphthene	3880	56 U	3210	83	48-99	
4-Nitrophenol	7770	250 U	8300	107	34-112	
2,4-Dinitrophenol	7770	220 U	2520	32	10-139	
Dibenzofuran	3880	45 U	3510	90	50-96	
Diethyl phthalate	3880	46 U	3500	90	46-100	
Fluorene	3880	290 J	3460	82	50-95	
Fluoranthene	3880	51 U	3900	100	45-101	
Di-n-butyl phthalate	3880	48 U	3030	78	50-99	
2,4-Dinitrotoluene	3880	13 U	4000	103	49-102	F1

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: U94472.D
 Lab ID: 460-72180-9 MS Client ID: PMP-17SW-SI MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3880	45 U	4160	107	49-95	F1
4-Nitroaniline	3880	120 U	3890	100	33-102	
4,6-Dinitro-2-methylphenol	7770	110 U	4460	57	14-128	
4-Bromophenyl phenyl ether	3880	38 U	3500	90	50-103	
Atrazine	3880	60 U	3670	95	10-147	
Anthracene	3880	47 U	3500	90	51-97	
Carbazole	3880	46 U	3480	89	50-102	
Phenanthrene	3880	510	3790	84	51-97	
Pentachlorophenol	7770	120 U	6150	79	37-99	
Pyrene	3880	160 J	3880	96	39-119	
Chrysene	3880	45 U	3600	93	50-94	
Benzo[k]fluoranthene	3880	2.9 U	3270	84	53-113	
Benzo[g,h,i]perylene	3880	29 U	3020	78	46-120	
Benzo[b]fluoranthene	3880	2.4 U	3530	91	55-115	
Benzo[a]pyrene	3880	2.7 U	3380	87	59-116	
Benzo[a]anthracene	3880	2.7 U	3380	87	51-97	
N-Nitrosodiphenylamine	3880	38 U	6030	155	51-103	F1
Butyl benzyl phthalate	3880	35 U	3520	91	47-107	
Bis(2-ethylhexyl) phthalate	3880	130 U	3350	86	47-102	
Di-n-octyl phthalate	3880	25 U	3380	87	43-120	
Indeno[1,2,3-cd]pyrene	3880	7.2 U	2920	75	47-124	
Dibenz(a,h)anthracene	3880	4.9 U	3120	80	48-115	
3,3'-Dichlorobenzidine	3880	140 U	2940	76	9-89	
1,2,4,5-Tetrachlorobenzene	3880	52 U	3640	94	45-95	
2,3,4,6-Tetrachlorophenol	3880	50 U	3570	92	49-104	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: L1147905.D
 Lab ID: 460-71983-A-7-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3830	260 U	2980	78	46-97	
2-Chlorophenol	3830	250 U	3000	78	49-96	
2-Methylphenol	3830	320 U	3110	81	47-99	
4-Methylphenol	3830	370 U	2820	74	43-100	
Benzaldehyde	7660	220 U	5650	74	10-139	
Acetophenone	3830	290 U	2970	78	10-126	
Bis(2-chloroethyl)ether	3830	26 U	2890	75	45-92	
2,2'-oxybis[1-chloropropane]	3830	210 U	3120	81	31-101	
N-Nitrosodi-n-propylamine	3830	32 U	3330	87	49-99	
Nitrobenzene	3830	27 U	3250	85	33-72	F1
Hexachloroethane	3830	21 U	2750	72	47-88	
Isophorone	3830	230 U	3320	87	51-100	
2-Nitrophenol	3830	210 U	2620	69	51-98	
2,4-Dimethylphenol	3830	470 U	3160	82	46-95	
2,4-Dichlorophenol	3830	280 U	2890	75	50-100	
Bis(2-chloroethoxy)methane	3830	250 U	3330	87	48-95	
Naphthalene	3830	260 J	3430	83	48-92	
4-Chloroaniline	3830	500 U	2510	66	10-86	
Hexachlorobutadiene	3830	46 U	2780	73	49-97	
Caprolactam	3830	440 U	2040	53	10-120	
4-Chloro-3-methylphenol	3830	290 U	3130	82	50-102	
2-Methylnaphthalene	3830	530 J	3580	80	52-100	
Hexachlorobenzene	3830	26 U	3290	86	50-104	
Hexachlorocyclopentadiene	3830	220 U	220 U	0	43-115	F1
2,4,6-Trichlorophenol	3830	220 U	2780	73	49-96	
2,4,5-Trichlorophenol	3830	250 U	2900	76	49-96	
Diphenyl	3830	250 U	3600	94	10-134	
2-Chloronaphthalene	3830	210 U	3400	89	49-93	
2-Nitroaniline	3830	790 U	3440	90	35-92	
2,6-Dinitrotoluene	3830	57 U	3350	87	52-104	
Dimethyl phthalate	3830	230 U	3400	89	51-99	
Acenaphthylene	3830	220 U	3530	92	49-97	
3-Nitroaniline	3830	670 U	2860	75	19-90	
Acenaphthene	3830	460 J	3700	85	48-99	
4-Nitrophenol	7660	1200 U	5860	77	34-112	
2,4-Dinitrophenol	7660	1100 U	1100 U	0	10-139	F1
Dibenzofuran	3830	220 U	3560	93	50-96	
Diethyl phthalate	3830	230 U	3060	80	46-100	
Fluorene	3830	720 J	3700	78	50-95	
Fluoranthene	3830	2300	5110	73	45-101	
Di-n-butyl phthalate	3830	230 U	3060	80	50-99	
2,4-Dinitrotoluene	3830	63 U	4070	106	49-102	F1

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: L1147905.D
 Lab ID: 460-71983-A-7-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3830	220 U	2960	77	49-95	
4-Nitroaniline	3830	590 U	2750 J	72	33-102	
4,6-Dinitro-2-methylphenol	7660	520 U	3830	50	14-128	
4-Bromophenyl phenyl ether	3830	190 U	3340	87	50-103	
Atrazine	3830	290 U	2880	75	10-147	
Anthracene	3830	570 J	4140	93	51-97	
Carbazole	3830	390 J	3560	83	50-102	
Phenanthrene	3830	3400	6580	83	51-97	
Pentachlorophenol	7660	570 U	4220	55	37-99	
Pyrene	3830	2200	5560	89	39-119	
Chrysene	3830	1100 J	4220	81	50-94	
Benzo[k]fluoranthene	3830	470	3630	83	53-113	
Benzo[g,h,i]perylene	3830	770 J	4650	101	46-120	
Benzo[b]fluoranthene	3830	1100	3980	74	55-115	
Benzo[a]pyrene	3830	990	4260	86	59-116	
Benzo[a]anthracene	3830	1100	4200	81	51-97	
N-Nitrosodiphenylamine	3830	190 U	4330	113	51-103	F1
Butyl benzyl phthalate	3830	270 J	3220	77	47-107	
Bis(2-ethylhexyl) phthalate	3830	630 U	2940	77	47-102	
Di-n-octyl phthalate	3830	120 U	2700	71	43-120	
Indeno[1,2,3-cd]pyrene	3830	770	5150	114	47-124	
Dibenz(a,h)anthracene	3830	200	4130	103	48-115	
3,3'-Dichlorobenzidine	3830	670 U	3460	90	9-89	F1
1,2,4,5-Tetrachlorobenzene	3830	260 U	3270	85	45-95	
2,3,4,6-Tetrachlorophenol	3830	250 U	1970	51	49-104	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: U94473.D
 Lab ID: 460-72180-9 MSD Client ID: PMP-17SW-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	3880	3550	91	0	30	46-97	
2-Chlorophenol	3880	3980	103	5	30	49-96	F1
2-Methylphenol	3880	3850	99	5	30	47-99	
4-Methylphenol	3880	4160	107	16	30	43-100	F1
Benzaldehyde	7760	6650	86	13	30	10-139	
Acetophenone	3880	3680	95	12	30	10-126	
Bis(2-chloroethyl)ether	3880	3360	87	7	30	45-92	
2,2'-oxybis[1-chloropropane]	3880	3480	90	8	30	31-101	
N-Nitrosodi-n-propylamine	3880	3900	101	17	30	49-99	F1
Nitrobenzene	3880	3510	90	9	30	33-72	F1
Hexachloroethane	3880	3130	81	8	30	47-88	
Isophorone	3880	3840	99	10	30	51-100	
2-Nitrophenol	3880	3960	102	11	30	51-98	F1
2,4-Dimethylphenol	3880	3790	98	5	30	46-95	F1
2,4-Dichlorophenol	3880	3930	101	13	30	50-100	F1
Bis(2-chloroethoxy)methane	3880	3630	93	8	30	48-95	
Naphthalene	3880	3320	85	5	30	48-92	
4-Chloroaniline	3880	1770	46	1	30	10-86	
Hexachlorobutadiene	3880	3430	89	3	30	49-97	
Caprolactam	3880	4400	113	21	30	10-120	
4-Chloro-3-methylphenol	3880	3980	103	15	30	50-102	F1
2-Methylnaphthalene	3880	3560	90	10	30	52-100	
Hexachlorobenzene	3880	4580	118	0	30	50-104	F1
Hexachlorocyclopentadiene	3880	2520	65	14	30	43-115	
2,4,6-Trichlorophenol	3880	4680	121	17	30	49-96	F1
2,4,5-Trichlorophenol	3880	4530	117	5	30	49-96	F1
Diphenyl	3880	3580	92	8	30	10-134	
2-Chloronaphthalene	3880	3630	93	8	30	49-93	
2-Nitroaniline	3880	4130	106	15	30	35-92	F1
2,6-Dinitrotoluene	3880	4160	107	4	30	52-104	F1
Dimethyl phthalate	3880	4140	107	11	30	51-99	F1
Acenaphthylene	3880	3770	97	9	30	49-97	
3-Nitroaniline	3880	3910	101	6	30	19-90	F1
Acenaphthene	3880	3550	92	10	30	48-99	
4-Nitrophenol	7760	9670	125	15	30	34-112	F1
2,4-Dinitrophenol	7760	2810	36	11	30	10-139	
Dibenzofuran	3880	3780	97	7	30	50-96	F1
Diethyl phthalate	3880	3890	100	11	30	46-100	
Fluorene	3880	4100	98	17	30	50-95	F1
Fluoranthene	3880	4140	107	6	30	45-101	F1
Di-n-butyl phthalate	3880	3240	84	7	30	50-99	
2,4-Dinitrotoluene	3880	4650	120	15	30	49-102	F1

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: U94473.D
 Lab ID: 460-72180-9 MSD Client ID: PMP-17SW-SI MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4-Chlorophenyl phenyl ether	3880	4600	119	10	30	49-95	F1
4-Nitroaniline	3880	4220	109	8	30	33-102	F1
4,6-Dinitro-2-methylphenol	7760	4530	58	2	30	14-128	
4-Bromophenyl phenyl ether	3880	3820	99	9	30	50-103	
Atrazine	3880	4210	109	14	30	10-147	
Anthracene	3880	3380	87	3	30	51-97	
Carbazole	3880	3680	95	6	30	50-102	
Phenanthrene	3880	4230	96	11	30	51-97	
Pentachlorophenol	7760	6480	83	5	30	37-99	
Pyrene	3880	4190	104	8	30	39-119	
Chrysene	3880	3880	100	7	30	50-94	F1
Benzo[k]fluoranthene	3880	3620	93	10	30	53-113	
Benzo[g,h,i]perylene	3880	3270	84	8	30	46-120	
Benzo[b]fluoranthene	3880	3980	103	12	30	55-115	
Benzo[a]pyrene	3880	3590	92	6	30	59-116	
Benzo[a]anthracene	3880	3550	92	5	30	51-97	
N-Nitrosodiphenylamine	3880	6820	176	12	30	51-103	F1
Butyl benzyl phthalate	3880	3610	93	3	30	47-107	
Bis(2-ethylhexyl) phthalate	3880	3570	92	7	30	47-102	
Di-n-octyl phthalate	3880	3620	93	7	30	43-120	
Indeno[1,2,3-cd]pyrene	3880	3400	88	15	30	47-124	
Dibenz(a,h)anthracene	3880	3420	88	9	30	48-115	
3,3'-Dichlorobenzidine	3880	2780	72	5	30	9-89	
1,2,4,5-Tetrachlorobenzene	3880	3610	93	1	30	45-95	
2,3,4,6-Tetrachlorophenol	3880	4040	104	12	30	49-104	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: L1147906.D
 Lab ID: 460-71983-A-7-B MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Phenol	3820	2850	74	5	30	46-97	
2-Chlorophenol	3820	2920	76	3	30	49-96	
2-Methylphenol	3820	2980	78	4	30	47-99	
4-Methylphenol	3820	2890	76	2	30	43-100	
Benzaldehyde	7640	6430	84	13	30	10-139	
Acetophenone	3820	2910	76	2	30	10-126	
Bis(2-chloroethyl)ether	3820	3060	80	6	30	45-92	
2,2'-oxybis[1-chloropropane]	3820	3110	81	0	30	31-101	
N-Nitrosodi-n-propylamine	3820	3110	81	7	30	49-99	
Nitrobenzene	3820	3440	90	6	30	33-72	F1
Hexachloroethane	3820	2830	74	3	30	47-88	
Isophorone	3820	3260	85	2	30	51-100	
2-Nitrophenol	3820	2450	64	7	30	51-98	
2,4-Dimethylphenol	3820	3050	80	4	30	46-95	
2,4-Dichlorophenol	3820	2670	70	8	30	50-100	
Bis(2-chloroethoxy)methane	3820	3200	84	4	30	48-95	
Naphthalene	3820	3370	81	2	30	48-92	
4-Chloroaniline	3820	2540	66	1	30	10-86	
Hexachlorobutadiene	3820	2950	77	6	30	49-97	
Caprolactam	3820	2100	55	3	30	10-120	
4-Chloro-3-methylphenol	3820	3080	81	1	30	50-102	
2-Methylnaphthalene	3820	3450	76	4	30	52-100	
Hexachlorobenzene	3820	2970	78	10	30	50-104	
Hexachlorocyclopentadiene	3820	220 U	0	NC	30	43-115	F1
2,4,6-Trichlorophenol	3820	2550	67	9	30	49-96	
2,4,5-Trichlorophenol	3820	2560	67	12	30	49-96	
Diphenyl	3820	3540	93	2	30	10-134	
2-Chloronaphthalene	3820	3350	88	1	30	49-93	
2-Nitroaniline	3820	3450	90	0	30	35-92	
2,6-Dinitrotoluene	3820	3270	86	2	30	52-104	
Dimethyl phthalate	3820	3320	87	2	30	51-99	
Acenaphthylene	3820	3500	92	1	30	49-97	
3-Nitroaniline	3820	3190	83	11	30	19-90	
Acenaphthene	3820	3580	82	3	30	48-99	
4-Nitrophenol	7640	6840	90	15	30	34-112	
2,4-Dinitrophenol	7640	1100 U	0	NC	30	10-139	F1
Dibenzofuran	3820	3400	89	5	30	50-96	
Diethyl phthalate	3820	2970	78	3	30	46-100	
Fluorene	3820	3470	72	6	30	50-95	
Fluoranthene	3820	4030	45	24	30	45-101	
Di-n-butyl phthalate	3820	2840	74	8	30	50-99	
2,4-Dinitrotoluene	3820	3410	89	18	30	49-102	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: L1147906.D
 Lab ID: 460-71983-A-7-B MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4-Chlorophenyl phenyl ether	3820	2830	74	4	30	49-95	
4-Nitroaniline	3820	2530 J	66	8	30	33-102	
4,6-Dinitro-2-methylphenol	7640	3590 J	47	6	30	14-128	
4-Bromophenyl phenyl ether	3820	3090	81	8	30	50-103	
Atrazine	3820	3000	78	4	30	10-147	
Anthracene	3820	3560	78	15	30	51-97	
Carbazole	3820	3380	78	5	30	50-102	
Phenanthrene	3820	5300	49	22	30	51-97	F1
Pentachlorophenol	7640	4290	56	2	30	37-99	
Pyrene	3820	4330	57	25	30	39-119	
Chrysene	3820	3870	72	9	30	50-94	
Benzo[k]fluoranthene	3820	3260	73	11	30	53-113	
Benzo[g,h,i]perylene	3820	4270	92	8	30	46-120	
Benzo[b]fluoranthene	3820	3420	59	15	30	55-115	
Benzo[a]pyrene	3820	3750	72	13	30	59-116	
Benzo[a]anthracene	3820	3730	69	12	30	51-97	
N-Nitrosodiphenylamine	3820	3980	104	8	30	51-103	F1
Butyl benzyl phthalate	3820	3120	75	3	30	47-107	
Bis(2-ethylhexyl) phthalate	3820	2960	78	1	30	47-102	
Di-n-octyl phthalate	3820	2530	66	7	30	43-120	
Indeno[1,2,3-cd]pyrene	3820	4780	105	7	30	47-124	
Dibenz(a,h)anthracene	3820	3970	99	4	30	48-115	
3,3'-Dichlorobenzidine	3820	3520	92	2	30	9-89	F1
1,2,4,5-Tetrachlorobenzene	3820	3290	86	1	30	45-95	
2,3,4,6-Tetrachlorophenol	3820	1660 J	43	17	30	49-104	F1

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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_030714	460-72180-27	z8786.D	03/13/2014 06:28

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: L1147894.D Lab Sample ID: MB 460-211814/1-A
 Matrix: Solid Date Extracted: 03/11/2014 08:37
 Instrument ID: CBNAMS12 Date Analyzed: 03/12/2014 10:23
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-28SW-SD	460-72180-1	L1147891.D	03/12/2014 09:08
PMP-15SW-SI	460-72180-4	L1147892.D	03/12/2014 09:33
PMP-15SW-SD	460-72180-5	L1147893.D	03/12/2014 09:58
	LCS 460-211814/2-A	L1147895.D	03/12/2014 10:47
	LCS 460-211814/3-A	L1147896.D	03/12/2014 11:13
PMP-17SW-WT	460-72180-8	L1147898.D	03/12/2014 12:03
PMP-16SW-WT	460-72180-6	L1147899.D	03/12/2014 12:28
PMP-16SW-SI	460-72180-7	L1147900.D	03/12/2014 12:53
PMP-15SW-VD	460-72180-2	L1147902.D	03/12/2014 13:42
PMP-15SW-WT	460-72180-3	L1147903.D	03/12/2014 14:06
	460-71983-A-7-A MS	L1147905.D	03/12/2014 14:55
	460-71983-A-7-B MSD	L1147906.D	03/12/2014 15:20

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: U94469.D Lab Sample ID: MB 460-211817/1-A
 Matrix: Solid Date Extracted: 03/11/2014 08:44
 Instrument ID: CBNAMS4 Date Analyzed: 03/12/2014 08:43
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211817/2-A	U94470.D	03/12/2014 09:06
PMP-17SW-SI MS	460-72180-9 MS	U94472.D	03/12/2014 09:51
PMP-17SW-SI MSD	460-72180-9 MSD	U94473.D	03/12/2014 10:14
PMP-17SW-SI	460-72180-9	U94474.D	03/12/2014 10:36
PMP-18SW-WT	460-72180-11	U94475.D	03/12/2014 10:59
DUP2_030714	460-72180-25	U94482.D	03/12/2014 13:37
	LCS 460-211817/3-A	U94483.D	03/12/2014 14:00
PMP-19SW-SI	460-72180-15	U94484.D	03/12/2014 14:22
PMP-26SW-VD	460-72180-16	U94485.D	03/12/2014 14:44
PMP-26SW-SI	460-72180-18	U94486.D	03/12/2014 15:06
PMP-27SW-VD	460-72180-19	U94487.D	03/12/2014 15:28
PMP-27SW-SD	460-72180-21	U94489.D	03/12/2014 16:13
PMP-27SW-WT	460-72180-20	U94503.D	03/13/2014 07:49
PMP-27SW-SI	460-72180-29	U94504.D	03/13/2014 08:11
PMP-18SW-VD	460-72180-10	U94506.D	03/13/2014 08:56
PMP-19SW-VD	460-72180-13	U94507.D	03/13/2014 09:18
PMP-19SW-WT	460-72180-14	U94508.D	03/13/2014 09:41
PMP-26SW-WT	460-72180-17	U94509.D	03/13/2014 10:03
DUP_030714	460-72180-24	U94510.D	03/13/2014 10:25
PMP-18SW-SI	460-72180-12	U94511.D	03/13/2014 10:48
PMP-32SW-VS	460-72180-23	U94512.D	03/13/2014 11:10
DUP3_030714	460-72180-26	U94513.D	03/13/2014 11:32
PMP-31SW-VS	460-72180-22	U94514.D	03/13/2014 11:55

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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_030714	460-72180-27	z8786.D	03/13/2014	06:28

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Lab File ID: L1147884.D DFTPP Injection Date: 03/12/2014
 Instrument ID: CBNAMS12 DFTPP Injection Time: 04:29
 Analysis Batch No.: 212016

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	46.0
68	Less than 2.0 % of mass 69	0.5 (1.4)1
69	Mass 69 relative abundance	40.4
70	Less than 2.0 % of mass 69	0.0 (0.0)1
127	40.0 - 60.0 % of mass 198	48.7
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	6.9
275	10.0 - 30.0 % of mass 198	29.3
365	Greater than 1.0 % of mass 198	4.4
441	Present but less than mass 443	16.4 (79.8)3
442	Greater than 40.0 % of mass 198	106.1
443	17.0 - 23.0 % of mass 442	20.5 (19.4)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 460-212016/4	L1147886.D	03/12/2014	07:00
	CCV 460-212016/3	L1147887.D	03/12/2014	07:29
PMP-28SW-SD	460-72180-1	L1147891.D	03/12/2014	09:08
PMP-15SW-SI	460-72180-4	L1147892.D	03/12/2014	09:33
PMP-15SW-SD	460-72180-5	L1147893.D	03/12/2014	09:58
	MB 460-211814/1-A	L1147894.D	03/12/2014	10:23
	LCS 460-211814/2-A	L1147895.D	03/12/2014	10:47
	LCS 460-211814/3-A	L1147896.D	03/12/2014	11:13
PMP-17SW-WT	460-72180-8	L1147898.D	03/12/2014	12:03
PMP-16SW-WT	460-72180-6	L1147899.D	03/12/2014	12:28
PMP-16SW-SI	460-72180-7	L1147900.D	03/12/2014	12:53
PMP-15SW-VD	460-72180-2	L1147902.D	03/12/2014	13:42
PMP-15SW-WT	460-72180-3	L1147903.D	03/12/2014	14:06
	460-71983-A-7-A MS	L1147905.D	03/12/2014	14:55
	460-71983-A-7-B MSD	L1147906.D	03/12/2014	15:20

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Lab File ID: U94460.D DFTPP Injection Date: 03/12/2014
 Instrument ID: CBNAMS4 DFTPP Injection Time: 04:31
 Analysis Batch No.: 212014

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	47.5
68	Less than 2.0 % of mass 69	0.5 (0.8)1
69	Mass 69 relative abundance	61.5
70	Less than 2.0 % of mass 69	0.6 (1.0)1
127	40.0 - 60.0 % of mass 198	50.3
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	6.9
275	10.0 - 30.0 % of mass 198	21.7
365	Greater than 1.0 % of mass 198	1.9
441	Present but less than mass 443	12.0 (73.5)3
442	Greater than 40.0 % of mass 198	85.0
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 460-212014/2	U94461.D	03/12/2014	05:25
	CCV 460-212014/3	U94462.D	03/12/2014	06:02
	MB 460-211817/1-A	U94469.D	03/12/2014	08:43
	LCS 460-211817/2-A	U94470.D	03/12/2014	09:06
PMP-17SW-SI MS	460-72180-9 MS	U94472.D	03/12/2014	09:51
PMP-17SW-SI MSD	460-72180-9 MSD	U94473.D	03/12/2014	10:14
PMP-17SW-SI	460-72180-9	U94474.D	03/12/2014	10:36
PMP-18SW-WT	460-72180-11	U94475.D	03/12/2014	10:59
DUP2_030714	460-72180-25	U94482.D	03/12/2014	13:37
	LCS 460-211817/3-A	U94483.D	03/12/2014	14:00
PMP-19SW-SI	460-72180-15	U94484.D	03/12/2014	14:22
PMP-26SW-VD	460-72180-16	U94485.D	03/12/2014	14:44
PMP-26SW-SI	460-72180-18	U94486.D	03/12/2014	15:06
PMP-27SW-VD	460-72180-19	U94487.D	03/12/2014	15:28
PMP-27SW-SD	460-72180-21	U94489.D	03/12/2014	16:13

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: U94490.D DFTPP Injection Date: 03/13/2014
 Instrument ID: CBNAMS4 DFTPP Injection Time: 02:05
 Analysis Batch No.: 212262

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	43.3
68	Less than 2.0 % of mass 69	0.3 (0.5)1
69	Mass 69 relative abundance	57.7
70	Less than 2.0 % of mass 69	0.4 (0.7)1
127	40.0 - 60.0 % of mass 198	50.2
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	7.0
275	10.0 - 30.0 % of mass 198	21.1
365	Greater than 1.0 % of mass 198	2.3
441	Present but less than mass 443	12.9 (73.0)3
442	Greater than 40.0 % of mass 198	95.5
443	17.0 - 23.0 % of mass 442	17.6 (18.5)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 460-212262/2	U94491.D	03/13/2014	02:37
	CCV 460-212262/3	U94492.D	03/13/2014	03:40
PMP-27SW-WT	460-72180-20	U94503.D	03/13/2014	07:49
PMP-27SW-SI	460-72180-29	U94504.D	03/13/2014	08:11
PMP-18SW-VD	460-72180-10	U94506.D	03/13/2014	08:56
PMP-19SW-VD	460-72180-13	U94507.D	03/13/2014	09:18
PMP-19SW-WT	460-72180-14	U94508.D	03/13/2014	09:41
PMP-26SW-WT	460-72180-17	U94509.D	03/13/2014	10:03
DUP_030714	460-72180-24	U94510.D	03/13/2014	10:25
PMP-18SW-SI	460-72180-12	U94511.D	03/13/2014	10:48
PMP-32SW-VS	460-72180-23	U94512.D	03/13/2014	11:10
DUP3_030714	460-72180-26	U94513.D	03/13/2014	11:32
PMP-31SW-VS	460-72180-22	U94514.D	03/13/2014	11:55

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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	
460-72180-27	FB_030714	225501	3.69	776515	4.99	358471	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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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	
460-72180-27	FB_030714	456801	8.19	236939	10.81	174085	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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212016/4 Date Analyzed: 03/12/2014 07:00
 Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)
 Lab File ID (Standard): L1147886.D Heated Purge: (Y/N) N
 Calibration ID: 36069

	DCB		NPT		ANT		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	103518	3.72	347539	5.03	142957	6.78	
UPPER LIMIT	207036	4.22	695078	5.53	285914	7.28	
LOWER LIMIT	51759	3.22	173770	4.53	71479	6.28	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-212016/3		131433	3.71	483174	5.02	222835	6.78
460-72180-1	PMP-28SW-SD	152887	3.71	574643	5.02	264303	6.78
460-72180-4	PMP-15SW-SI	147458	3.71	538429	5.01	244295	6.78
460-72180-5	PMP-15SW-SD	142686	3.71	521444	5.01	236525	6.78
MB 460-211814/1-A		146929	3.72	539007	5.02	240998	6.78
LCS 460-211814/2-A		157468	3.71	580391	5.01	265834	6.78
LCS 460-211814/3-A		158763	3.71	563525	5.02	243865	6.78
460-72180-8	PMP-17SW-WT	111330	3.71	400704	5.02	163052	6.78
460-72180-6	PMP-16SW-WT	127144	3.71	428334	5.02	174399	6.78
460-72180-7	PMP-16SW-SI	122754	3.72	422313	5.02	172933	6.78
460-72180-2	PMP-15SW-VD	135295	3.72	491543	5.02	212036	6.78
460-72180-3	PMP-15SW-WT	130412	3.72	446248	5.02	176646	6.78
460-71983-A-7-A MS		116908	3.72	405693	5.02	166864	6.78
460-71983-A-7-B MSD		112057	3.71	373031	5.02	149140	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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212016/4 Date Analyzed: 03/12/2014 07:00
 Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)
 Lab File ID (Standard): L1147886.D Heated Purge: (Y/N) N
 Calibration ID: 36069

	PHN		CRY		PRY		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	172901	8.24	145034	10.90	203611	12.70	
UPPER LIMIT	345802	8.74	290068	11.40	407222	13.20	
LOWER LIMIT	86451	7.74	72517	10.40	101806	12.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-212016/3	276554	8.24	137156	10.90	163253	12.69	
460-72180-1	PMP-28SW-SD	342101	8.24	186640	10.90	153723	12.69
460-72180-4	PMP-15SW-SI	305143	8.24	176956	10.90	157225	12.69
460-72180-5	PMP-15SW-SD	312382	8.24	169195	10.90	153908	12.69
MB 460-211814/1-A		296245	8.24	162923	10.90	161044	12.69
LCS 460-211814/2-A		328897	8.24	178899	10.90	174912	12.69
LCS 460-211814/3-A		305894	8.24	204389	10.90	198343	12.69
460-72180-8	PMP-17SW-WT	217537	8.24	143768	10.90	172670	12.69
460-72180-6	PMP-16SW-WT	231959	8.25	194608	10.90	206355	12.69
460-72180-7	PMP-16SW-SI	211346	8.24	143778	10.90	146779	12.69
460-72180-2	PMP-15SW-VD	256958	8.24	147689	10.90	152520	12.69
460-72180-3	PMP-15SW-WT	229410	8.24	170761	10.90	196886	12.69
460-71983-A-7-A MS		198290	8.24	139372	10.90	179717	12.69
460-71983-A-7-B MSD		183675	8.24	136187	10.90	189354	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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212014/2 Date Analyzed: 03/12/2014 05:25
 Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)
 Lab File ID (Standard): U94461.D Heated Purge: (Y/N) N
 Calibration ID: 35687

	DCB		NPT		ANT		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	167718	4.42	650816	5.69	279306	7.44	
UPPER LIMIT	335436	4.92	1301632	6.19	558612	7.94	
LOWER LIMIT	83859	3.92	325408	5.19	139653	6.94	
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-211817/1-A	148893	4.41	669046	5.69	348734	7.44	
LCS 460-211817/2-A	148051	4.41	649416	5.69	347439	7.44	
460-72180-9 MS	PMP-17SW-SI MS	139623	4.42	585399	5.70	218875	7.45
460-72180-9 MSD	PMP-17SW-SI MSD	118805	4.41	497053	5.70	196634	7.45
460-72180-9	PMP-17SW-SI	126758	4.42	528706	5.69	195580	7.44
460-72180-11	PMP-18SW-WT	124431	4.41	564550	5.69	231800	7.45
460-72180-25	DUP2_030714	144470	4.42	594247	5.70	205010	7.46
LCS 460-211817/3-A		157258	4.43	699570	5.71	355109	7.46
460-72180-15	PMP-19SW-SI	136782	4.43	606285	5.69	315987	7.45
460-72180-16	PMP-26SW-VD	147455	4.43	633051	5.70	304687	7.44
460-72180-18	PMP-26SW-SI	146415	4.42	679841	5.70	304885	7.45
460-72180-19	PMP-27SW-VD	162202	4.42	750937	5.71	357719	7.45
460-72180-21	PMP-27SW-SD	155279	4.43	668265	5.70	320305	7.45

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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212014/2 Date Analyzed: 03/12/2014 05:25
 Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)
 Lab File ID (Standard): U94461.D Heated Purge: (Y/N) N
 Calibration ID: 35687

	PHN		CRY		PRY		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	400674	8.90	205353	11.67	163054	13.58	
UPPER LIMIT	801348	9.40	410706	12.17	326108	14.08	
LOWER LIMIT	200337	8.40	102677	11.17	81527	13.08	
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-211817/1-A	587159	8.89	277556	11.65	215381	13.57	
LCS 460-211817/2-A	493003	8.89	265359	11.66	204132	13.58	
460-72180-9 MS	PMP-17SW-SI MS	274970	8.92	173845	11.66	160696	13.58
460-72180-9 MSD	PMP-17SW-SI MSD	262091	8.93	165898	11.67	149342	13.58
460-72180-9	PMP-17SW-SI	281957	8.91	182097	11.66	158963	13.58
460-72180-11	PMP-18SW-WT	309461	8.92	183781	11.65	179701	13.57
460-72180-25	DUP2_030714	272419	8.93	170754	11.67	160047	13.58
LCS 460-211817/3-A		479684	8.91	228314	11.67	202013	13.59
460-72180-15	PMP-19SW-SI	521909	8.90	227123	11.66	191819	13.59
460-72180-16	PMP-26SW-VD	486070	8.90	227534	11.67	197917	13.59
460-72180-18	PMP-26SW-SI	448497	8.91	220350	11.67	194010	13.59
460-72180-19	PMP-27SW-VD	560972	8.91	251940	11.67	204578	13.59
460-72180-21	PMP-27SW-SD	437683	8.90	206903	11.67	178307	13.60

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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212262/2 Date Analyzed: 03/13/2014 02:37
 Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)
 Lab File ID (Standard): U94491.D Heated Purge: (Y/N) N
 Calibration ID: 35687

	DCB		NPT		ANT		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	152915	4.42	646953	5.70	288919	7.44	
UPPER LIMIT	305830	4.92	1293906	6.20	577838	7.94	
LOWER LIMIT	76458	3.92	323477	5.20	144460	6.94	
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72180-20	PMP-27SW-WT	105287	4.40	508506	5.68	236848	7.43
460-72180-29	PMP-27SW-SI	123687	4.40	557000	5.68	282503	7.43
460-72180-10	PMP-18SW-VD	149583	4.41	658260	5.69	245510	7.44
460-72180-13	PMP-19SW-VD	148727	4.41	674991	5.69	283518	7.43
460-72180-14	PMP-19SW-WT	142548	4.40	625793	5.68	224623	7.43
460-72180-17	PMP-26SW-WT	154974	4.41	675556	5.69	254300	7.44
460-72180-24	DUP_030714	125524	4.40	581416	5.68	208734	7.43
460-72180-12	PMP-18SW-SI	116380	4.40	564561	5.68	237540	7.42
460-72180-23	PMP-32SW-VS	123488	4.41	573114	5.68	267575	7.43
460-72180-26	DUP3_030714	118313	4.40	539504	5.68	202264	7.44
460-72180-22	PMP-31SW-VS	121894	4.40	558923	5.68	264342	7.42

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
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Sample No.: CCVIS 460-212262/2 Date Analyzed: 03/13/2014 02:37
 Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)
 Lab File ID (Standard): U94491.D Heated Purge: (Y/N) N
 Calibration ID: 35687

	PHN		CRY		PRY		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	409832	8.91	235624	11.67	194746	13.59	
UPPER LIMIT	819664	9.41	471248	12.17	389492	14.09	
LOWER LIMIT	204916	8.41	117812	11.17	97373	13.09	
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-72180-20	PMP-27SW-WT	363955	8.90	207927	11.65	167662	13.57
460-72180-29	PMP-27SW-SI	429125	8.89	226451	11.65	164885	13.57
460-72180-10	PMP-18SW-VD	324547	8.90	172527	11.65	152317	13.57
460-72180-13	PMP-19SW-VD	367327	8.89	193575	11.65	169168	13.57
460-72180-14	PMP-19SW-WT	305277	8.89	174581	11.65	159149	13.56
460-72180-17	PMP-26SW-WT	310073	8.90	175979	11.65	160930	13.57
460-72180-24	DUP_030714	273967	8.90	161260	11.65	146285	13.56
460-72180-12	PMP-18SW-SI	431499	8.89	228182	11.65	176916	13.56
460-72180-23	PMP-32SW-VS	435235	8.88	201656	11.65	156005	13.56
460-72180-26	DUP3_030714	272967	8.91	152152	11.65	147098	13.57
460-72180-22	PMP-31SW-VS	443674	8.89	178468	11.65	151079	13.57

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 I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: L1147891.D
 Analysis Method: 8270C Date Collected: 03/07/2014 08:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:08
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 11.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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]	41	U	370	41
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	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	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	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	55	U	370	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: L1147891.D
 Analysis Method: 8270C Date Collected: 03/07/2014 08:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:08
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 11.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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	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	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	46	U	370	46
86-74-8	Carbazole	44	U	370	44
85-01-8	Phenanthrene	48	U	370	48
87-86-5	Pentachlorophenol	110	U	760	110
129-00-0	Pyrene	31	U	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	370	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: L1147891.D
 Analysis Method: 8270C Date Collected: 03/07/2014 08:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:08
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 11.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	77		40-106
4165-62-2	Phenol-d5	83		44-104
1718-51-0	Terphenyl-d14	115		41-145
118-79-6	2,4,6-Tribromophenol	69		19-114
367-12-4	2-Fluorophenol	75		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-28SW-SD</u>	Lab Sample ID: <u>460-72180-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>L1147891.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 08:45</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:37</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>03/12/2014 09:08</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>11.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212016</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147891.D
 Lims ID: 460-72180-E-1-A Lab Sample ID: 460-72180-1
 Client ID: PMP-28SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 09:08:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-008
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 17:17:28

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.460	2.437	0.023	94	161933	37.5	
\$ 6 Phenol-d5	99	3.366	3.372	-0.006	68	210129	41.7	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	97	152887	40.0	
\$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	93	171523	38.7	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	100	574643	40.0	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	353043	40.9	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	264303	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	95	43865	34.5	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	342101	40.0	
\$ 91 Terphenyl-d14	244	9.819	9.819	0.0	99	227869	57.4	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	186640	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	153723	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147891.D

Injection Date: 12-Mar-2014 09:08:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-1-A

Lab Sample ID: 460-72180-1

Worklist Smp#: 8

Client ID: PMP-28SW-SD

Injection Vol: 1.0 ul

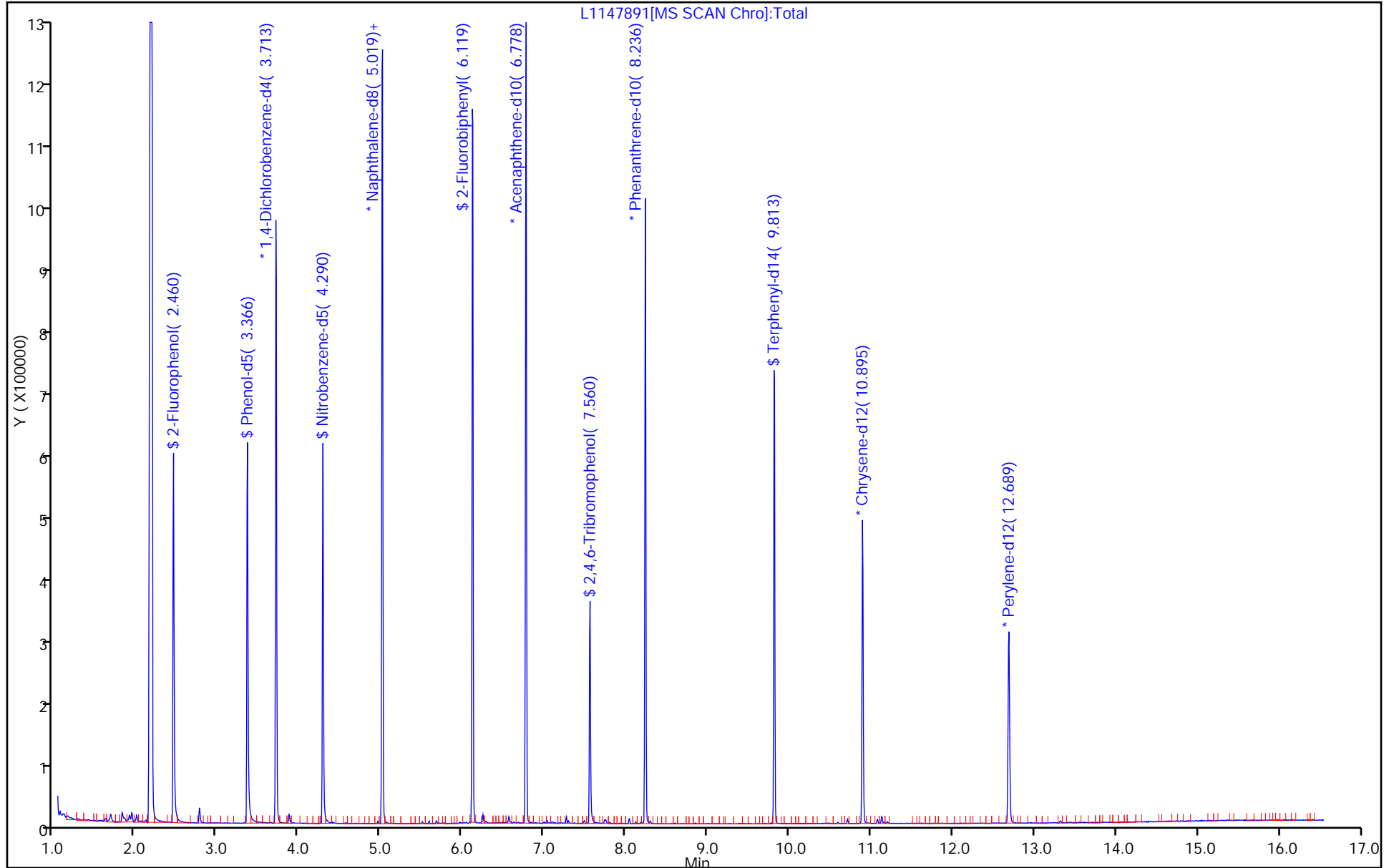
Dil. Factor: 1.0000

ALS Bottle#: 8

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: L1147902.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:42
 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.: 212016 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	8.5	U	71	8.5
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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: L1147902.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:42
 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.: 212016 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	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	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	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	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	710	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	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	350	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: L1147902.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:42
 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.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		40-106
4165-62-2	Phenol-d5	85		44-104
1718-51-0	Terphenyl-d14	108		41-145
118-79-6	2,4,6-Tribromophenol	52		19-114
367-12-4	2-Fluorophenol	79		39-103
321-60-8	2-Fluorobiphenyl	90		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: L1147902.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:42
 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.: 212016 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\CBNAMS12\20140312-10745.b\L1147902.D
 Lims ID: 460-72180-E-2-A Lab Sample ID: 460-72180-2
 Client ID: PMP-15SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:42:30 ALS Bottle#: 19 Worklist Smp#: 19
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-019
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 07:26:33

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.466	2.437	0.029	94	150879	39.5	
\$ 6 Phenol-d5	99	3.366	3.372	-0.006	68	190033	42.6	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	96	135295	40.0	
\$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	93	156336	41.2	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	491543	40.0	
\$ 48 2-Fluorobiphenyl	172	6.119	6.125	-0.006	97	312395	45.1	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	212036	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	94	26453	25.9	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	256958	40.0	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	98	168866	53.8	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	147689	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	98	152520	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147902.D

Injection Date: 12-Mar-2014 13:42:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-2-A

Lab Sample ID: 460-72180-2

Worklist Smp#: 19

Client ID: PMP-15SW-VD

Injection Vol: 1.0 ul

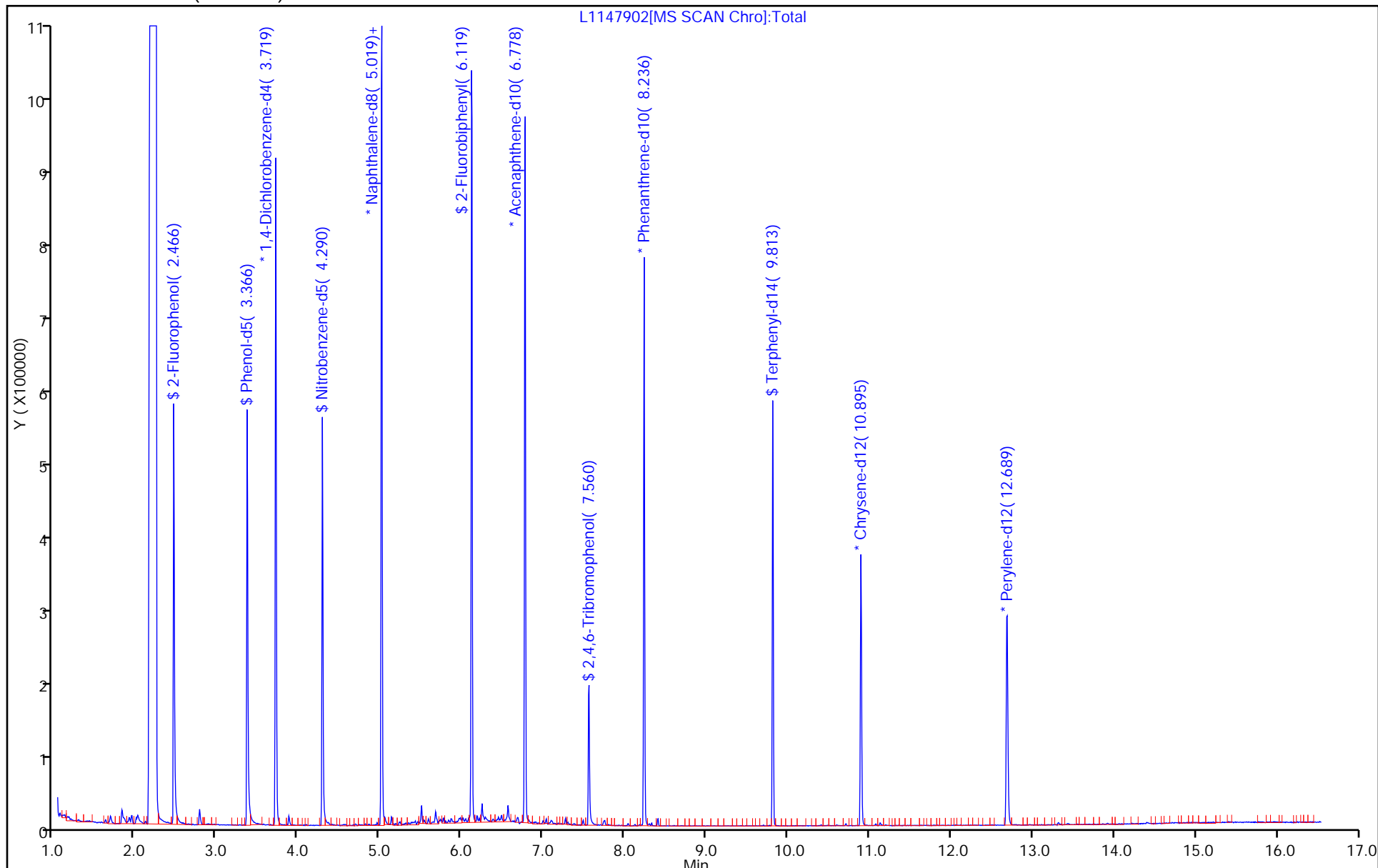
Dil. Factor: 1.0000

ALS Bottle#: 19

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: L1147903.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:06
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: L1147903.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:06
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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	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	240	U	1900	240
87-86-5	Pentachlorophenol	560	U	3800	560
129-00-0	Pyrene	320	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: L1147903.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:06
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		40-106
4165-62-2	Phenol-d5	74		44-104
1718-51-0	Terphenyl-d14	93		41-145
118-79-6	2,4,6-Tribromophenol	53		19-114
367-12-4	2-Fluorophenol	71		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-15SW-WT</u>	Lab Sample ID: <u>460-72180-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>L1147903.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 09:35</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:37</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>03/12/2014 14:06</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>12.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212016</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>156100</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-59-4	Tetradecane	6.25	6800	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	6.58	9800	J N
14905-56-7	Tetradecane, 2,6,10-trimethyl-	7.04	4600	J N
112-40-3	Dodecane	7.10	6500	J N
544-76-3	Hexadecane	7.28	15000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.50	9000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.77	45000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.94	5200	J N
629-78-7	Heptadecane	8.19	18000	J N
629-62-9	Pentadecane	8.36	4500	J N
55045-08-4	Dodecane, 2-methyl-6-propyl-	8.61	14000	J N
35693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	8.67	4200	J N
629-50-5	Tridecane	8.77	3200	J N
112-95-8	Eicosane	9.01	5300	J N
544-76-3	Hexadecane	9.39	5000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D
 Lims ID: 460-72180-E-3-A Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:06:30 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010745-020
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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: asfawa

Date: 13-Mar-2014 07:40:34

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.454	2.437	0.017	91	26244	7.12	
\$ 6 Phenol-d5	99	3.372	3.372	0.0	62	31639	7.36	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	96	130412	40.0	
\$ 25 Nitrobenzene-d5	82	4.295	4.295	0.0	91	27664	8.03	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	446248	40.0	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	90	54954	9.53	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	72	176646	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.566	7.566	0.0	19	4467	5.26	
* 83 Phenanthrene-d10	188	8.242	8.236	0.006	94	229410	40.0	
90 Pyrene	202	9.648	9.648	0.0	89	4159	0.8438	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	96	33629	9.26	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	170761	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	196886	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D
 Lims ID: 460-72180-E-3-A Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:06:30 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010745-020
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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: asfawa Date: 13-Mar-2014 07:40:34

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.254	1910568	17.8	61	94	55010	C14H30	198	
6.578	2764121	25.8	61	90	64585	C15H32	212	
7.042	1297454	12.1	61	86	82616	C17H36	240	
7.101	1829886	17.1	61	94	36157	C12H26	170	
7.283	4131236	38.5	61	97	73964	C16H34	226	
7.501	2518684	23.5	61	94	91053	C18H38	254	
7.766	7275455	119.1	83	97	99492	C19H40	268	
7.936	832601	13.6	83	91	64588	C15H32	212	
8.189	2928263	47.9	83	95	82607	C17H36	240	
8.360	724780	11.9	83	89	64571	C15H32	212	
8.607	2189805	35.8	83	90	73991	C16H34	226	
8.672	672197	11.0	83	96	91785	C12H7Cl3	256	

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
629-50-5	Tridecane							
8.766	505558	8.27	83	90	45544	C13H28	184	
112-95-8	Eicosane							
9.007	844567	13.8	83	98	107652	C20H42	282	
544-76-3	Hexadecane							
9.389	805902	13.2	83	97	73965	C16H34	226	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.783	4286793	40.0
* 83 Phenanthrene-d10	8.225	2444100	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Worklist Smp#: 20

Client ID: PMP-15SW-WT

Injection Vol: 1.0 ul

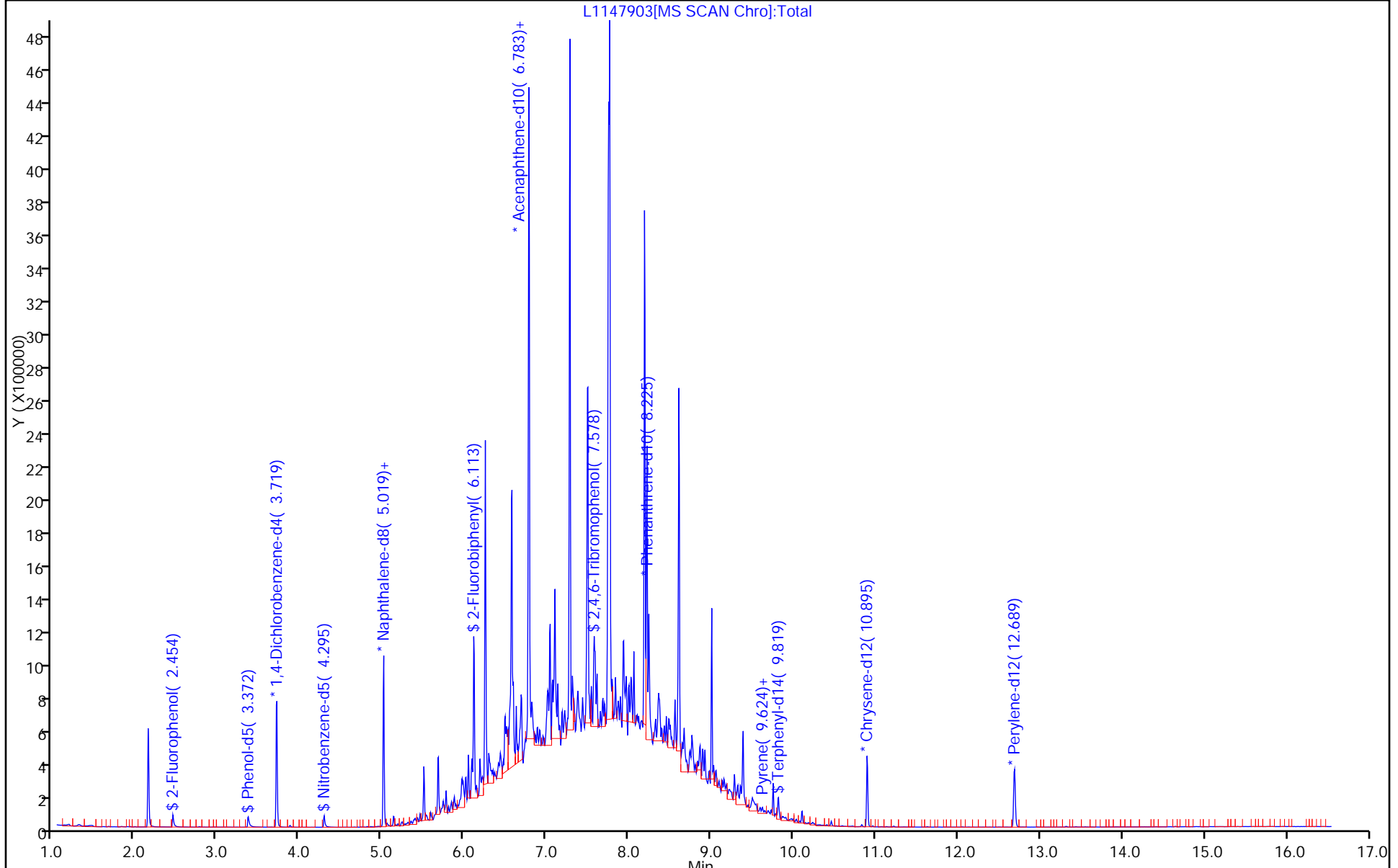
Dil. Factor: 5.0000

ALS Bottle#: 20

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

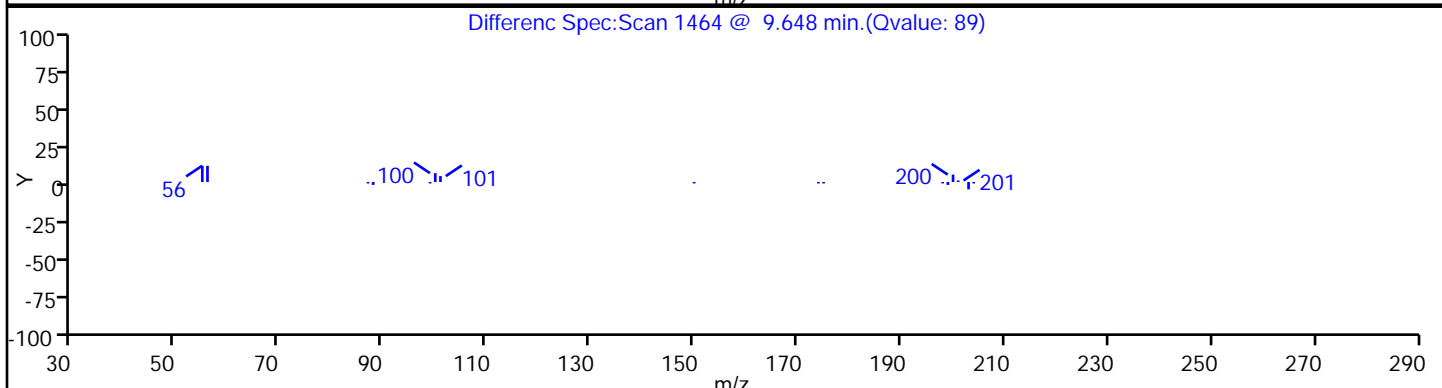
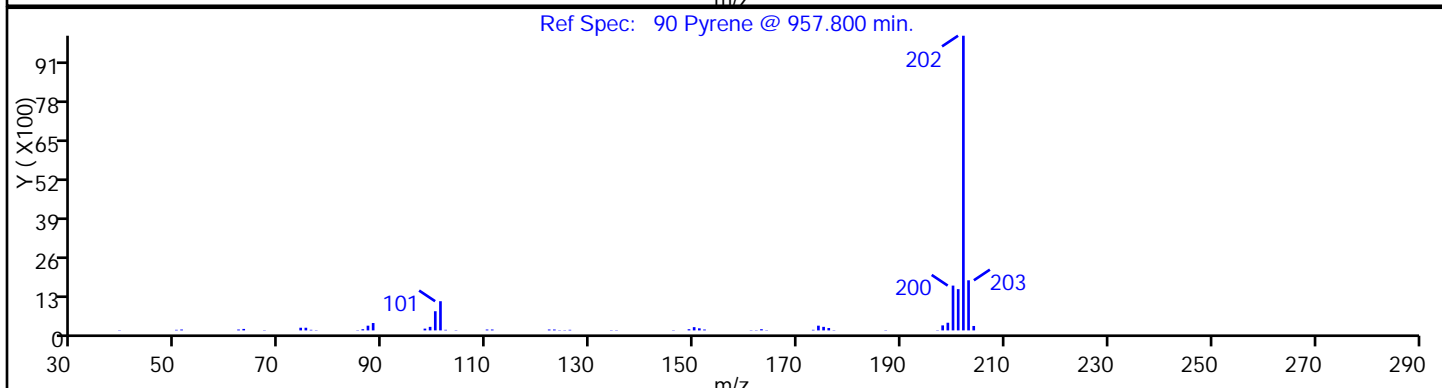
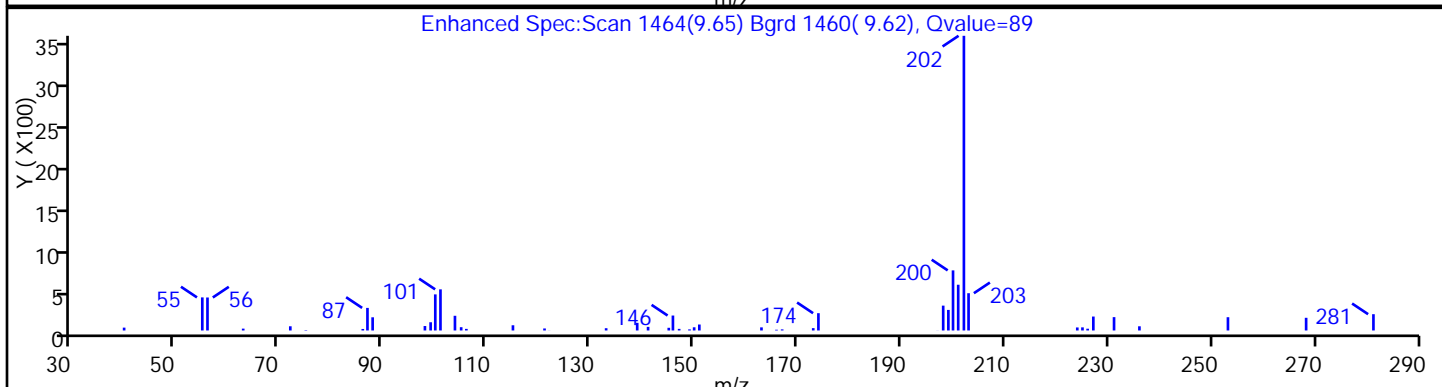
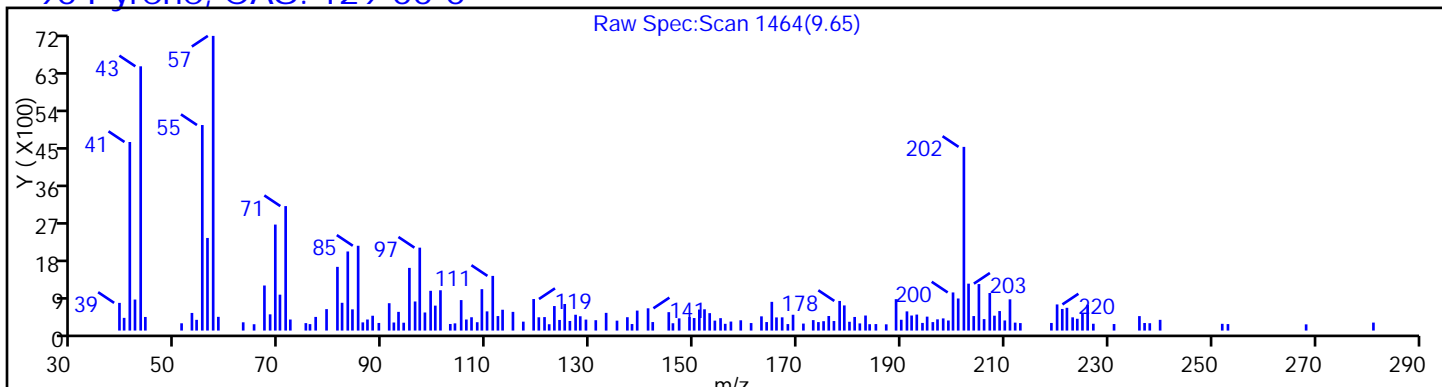
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

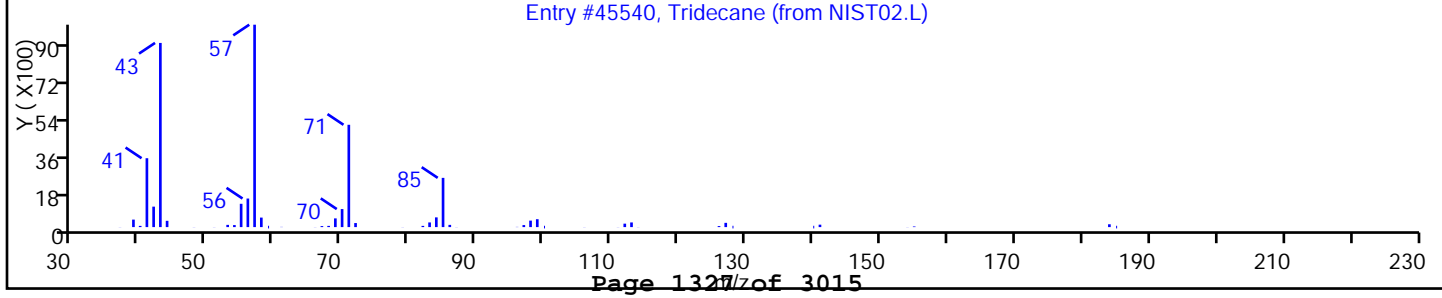
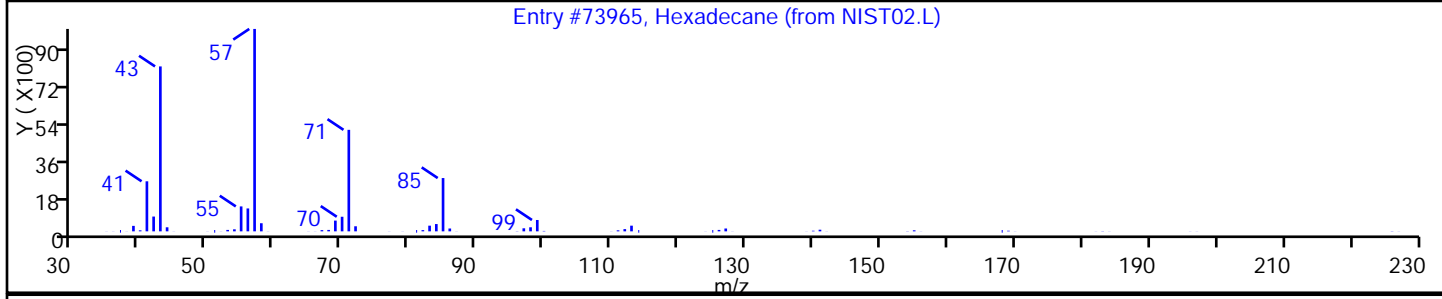
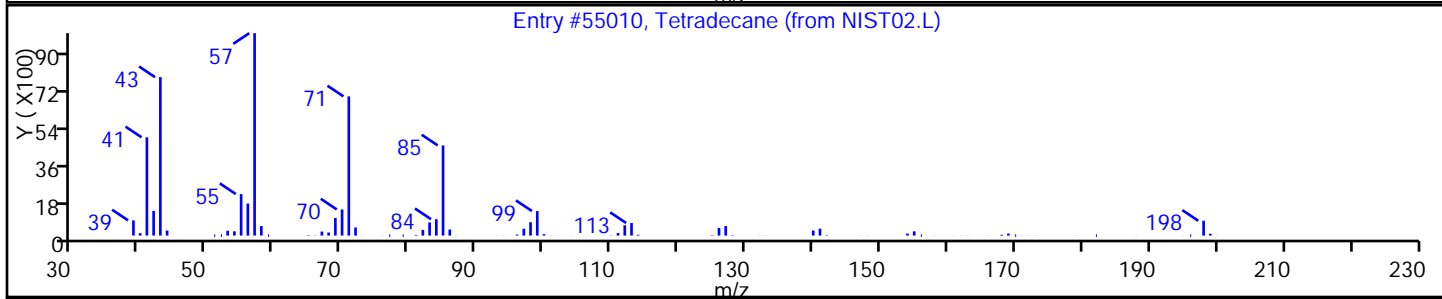
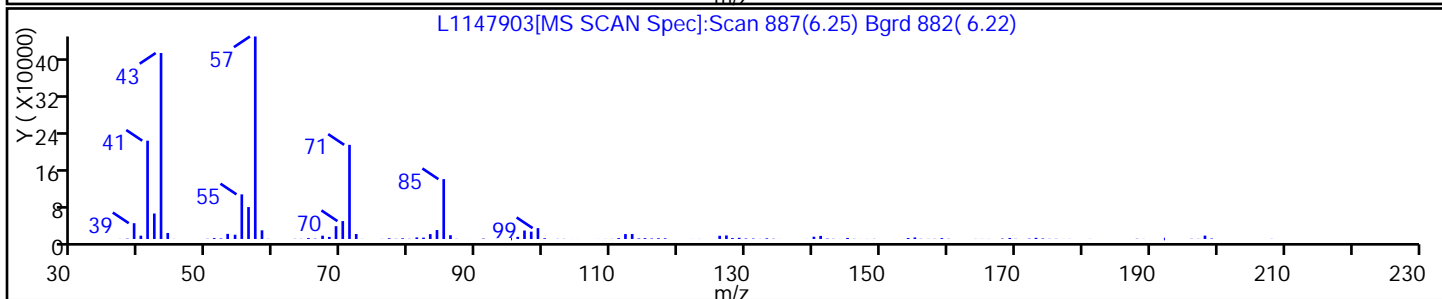
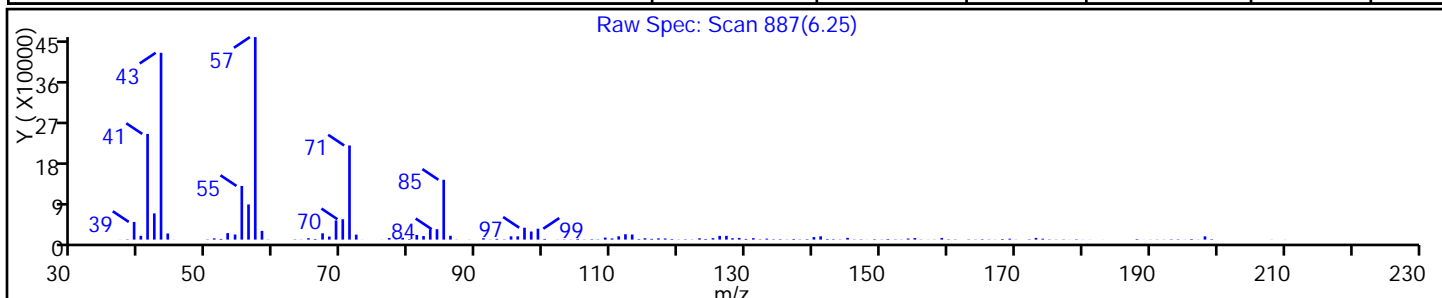
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	94
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	90
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

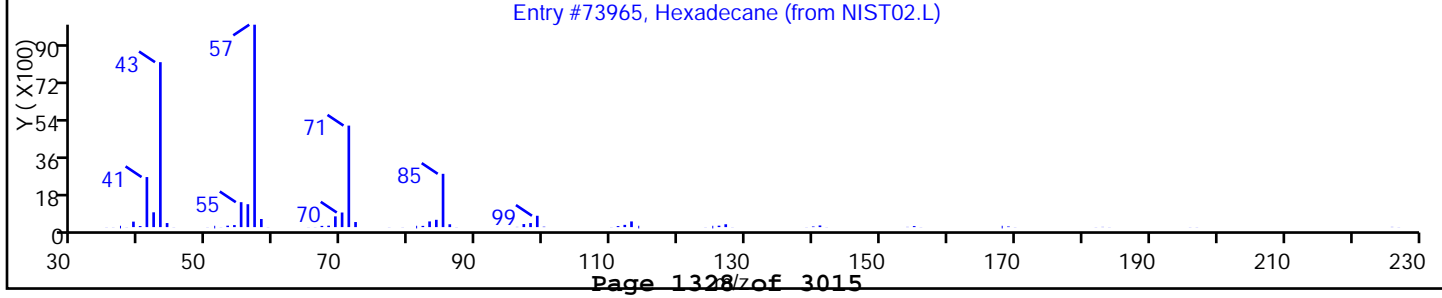
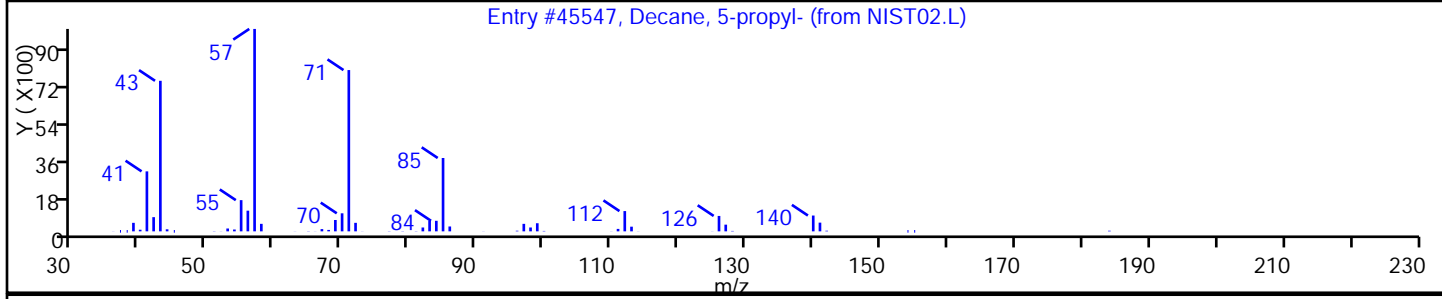
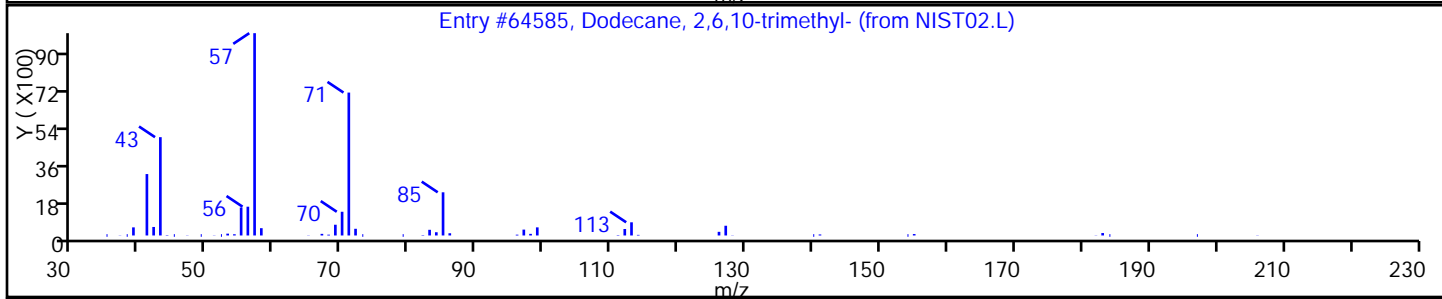
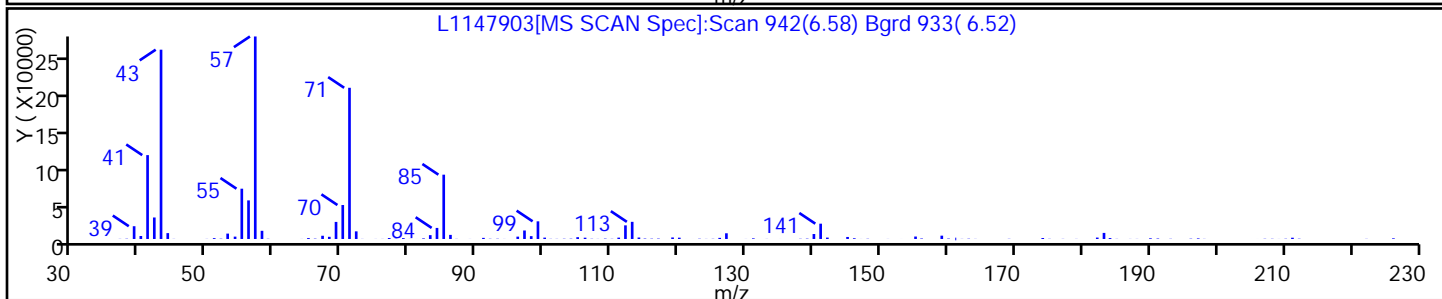
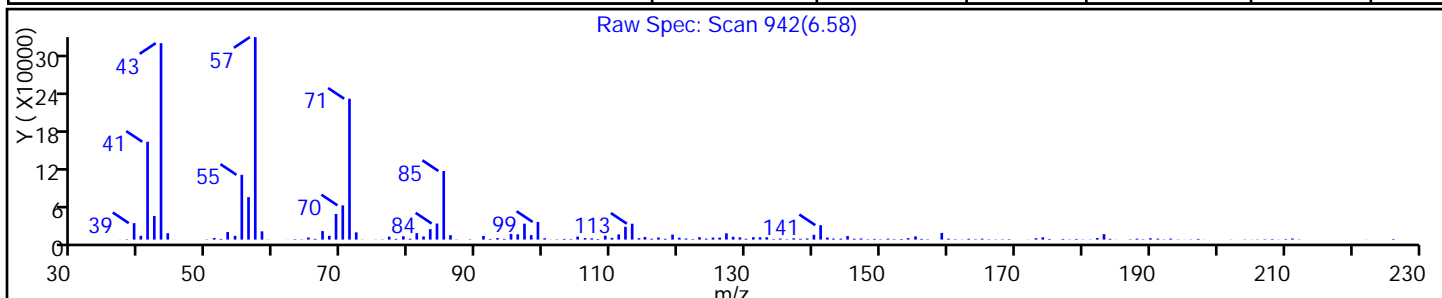
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	90
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	83
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

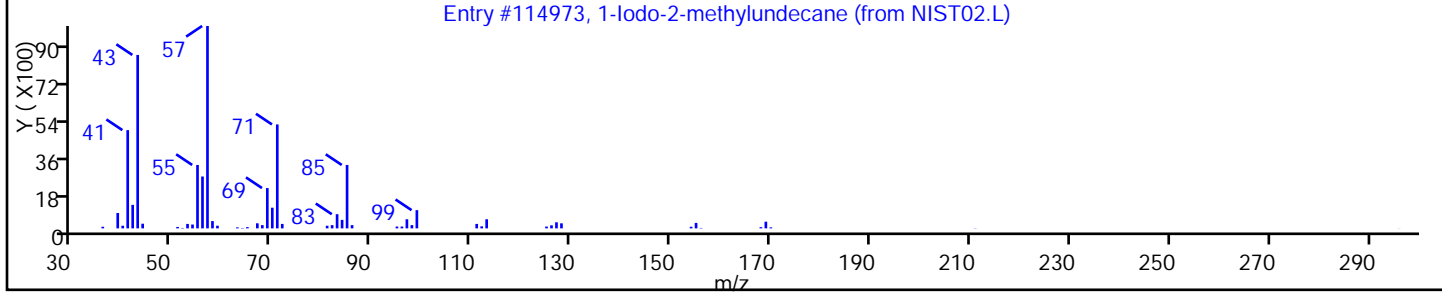
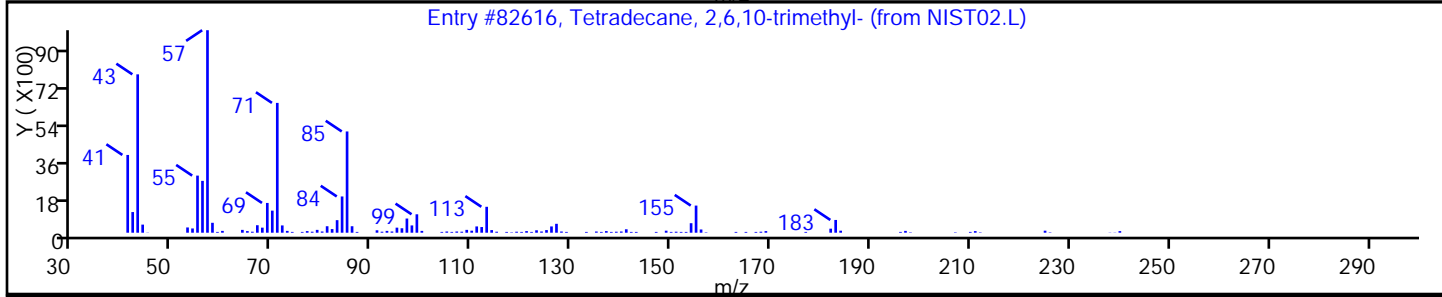
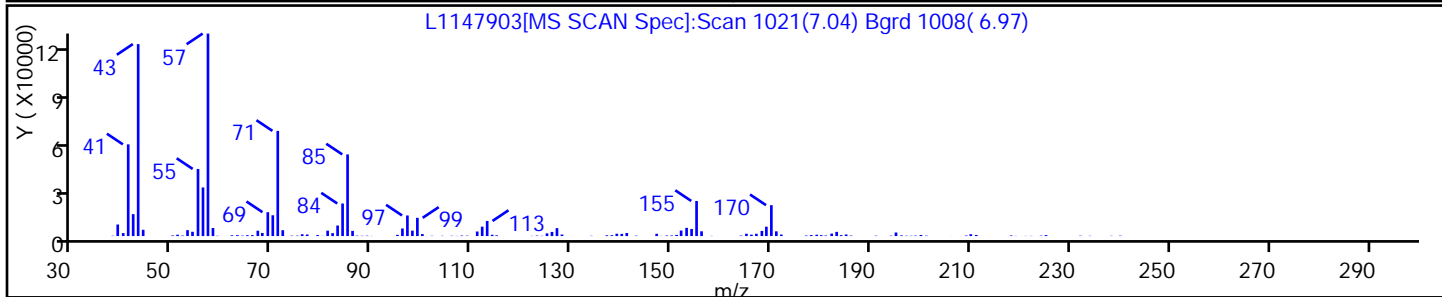
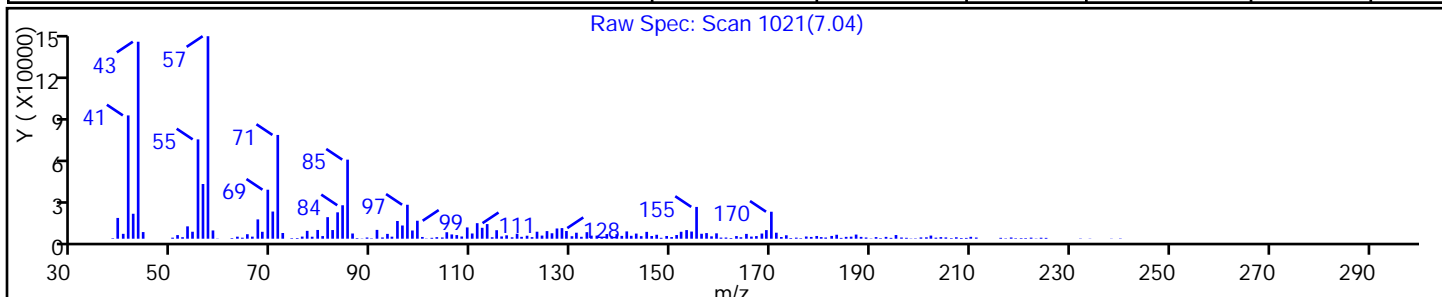
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane, 2,6,10-trimethyl-	14905-56-7	NIST02.L	82616	C17H36	240	86
1-Iodo-2-methylundecane	73105-67-6	NIST02.L	114973	C12H25I	296	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

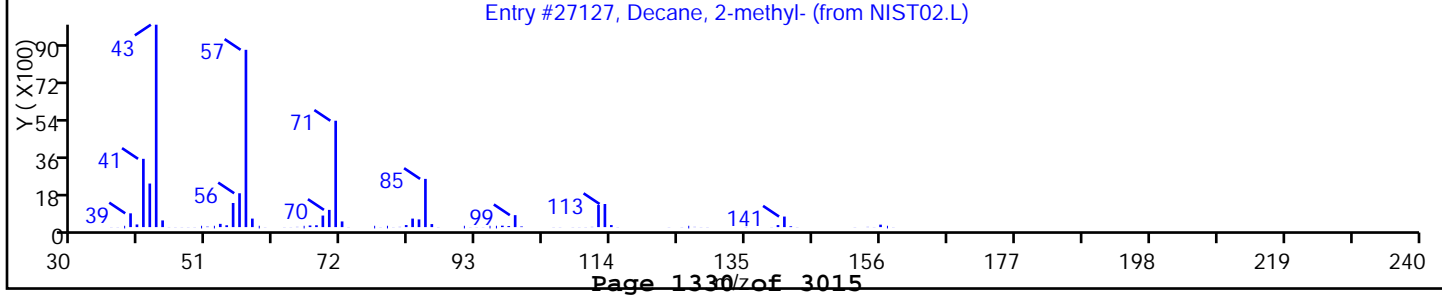
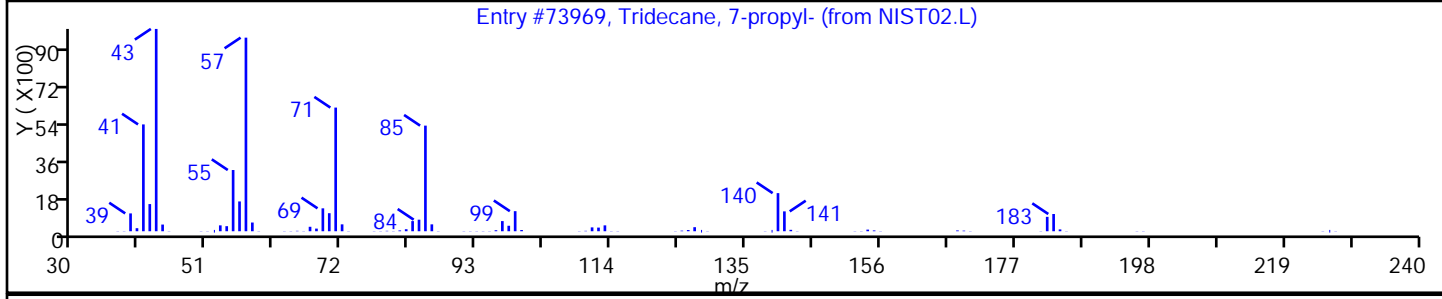
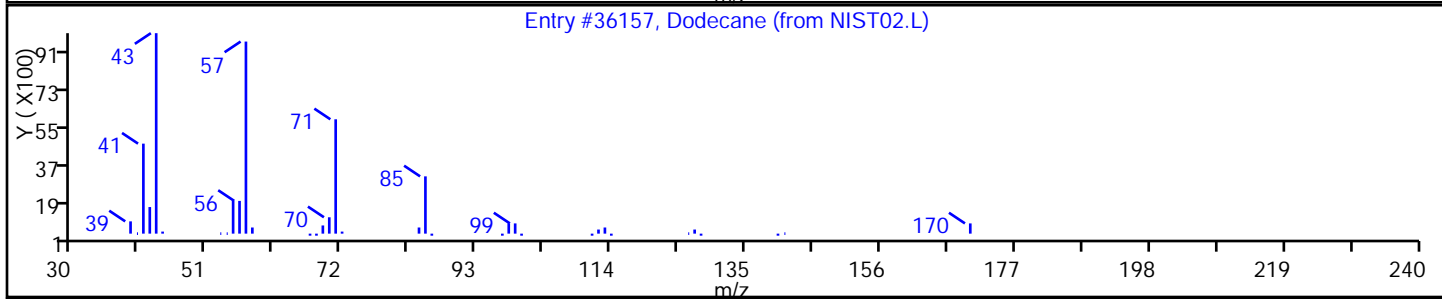
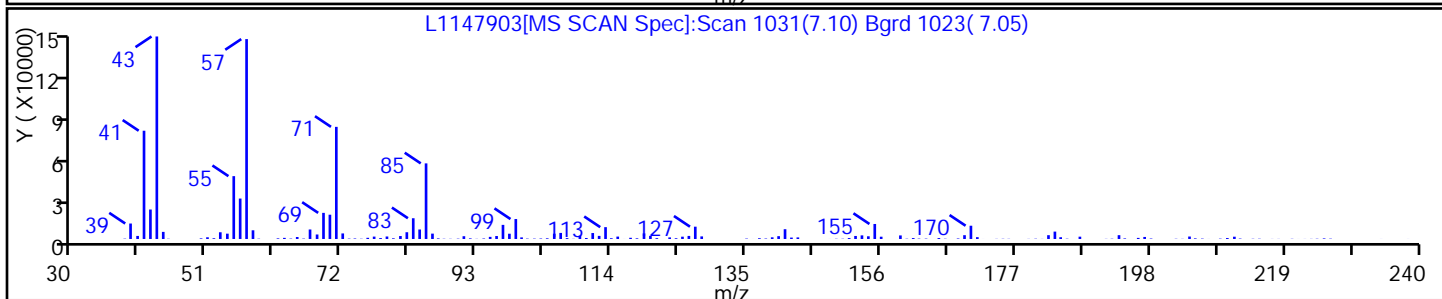
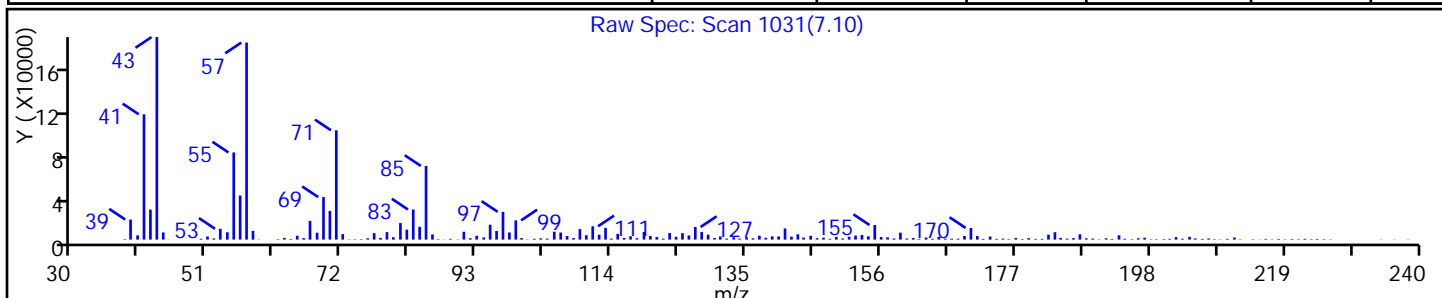
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36157	C12H26	170	94
Tridecane, 7-propyl-	55045-09-5	NIST02.L	73969	C16H34	226	89
Decane, 2-methyl-	6975-98-0	NIST02.L	27127	C11H24	156	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

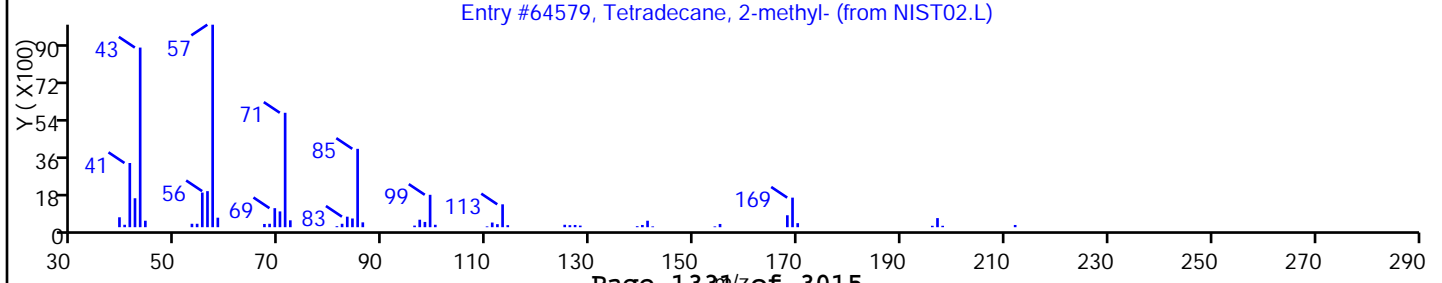
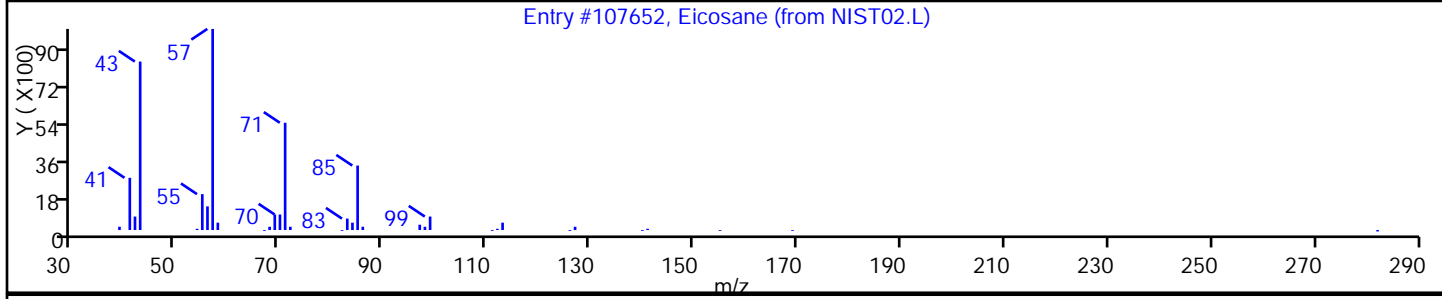
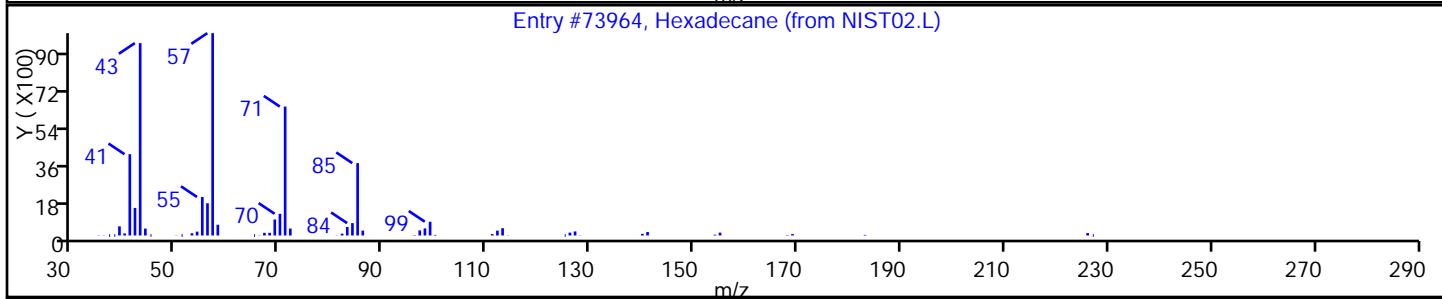
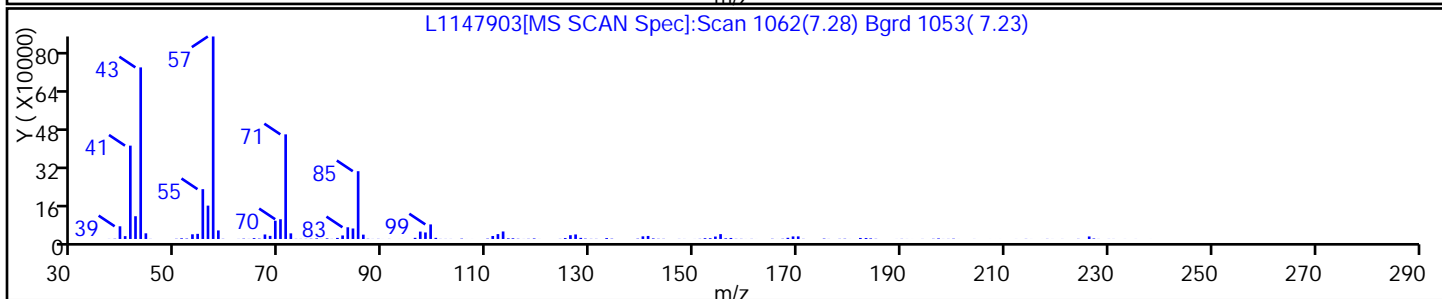
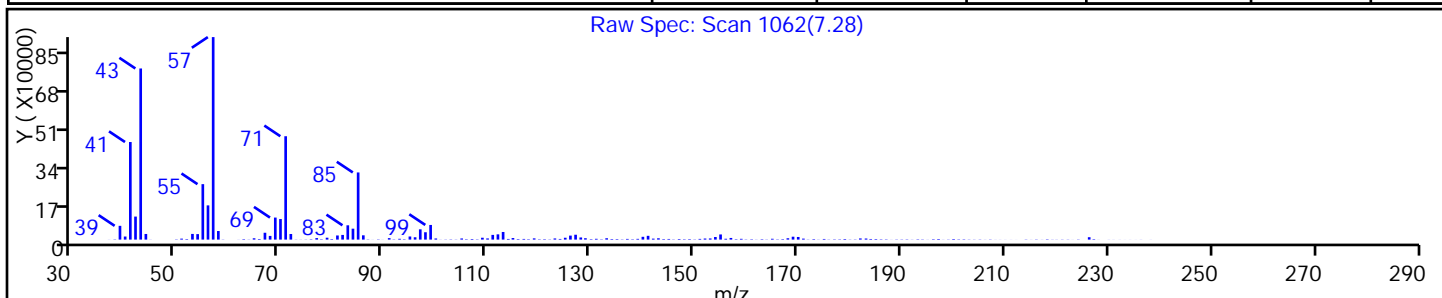
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Tetradecane, 2-methyl-	1560-95-8	NIST02.L	64579	C15H32	212	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

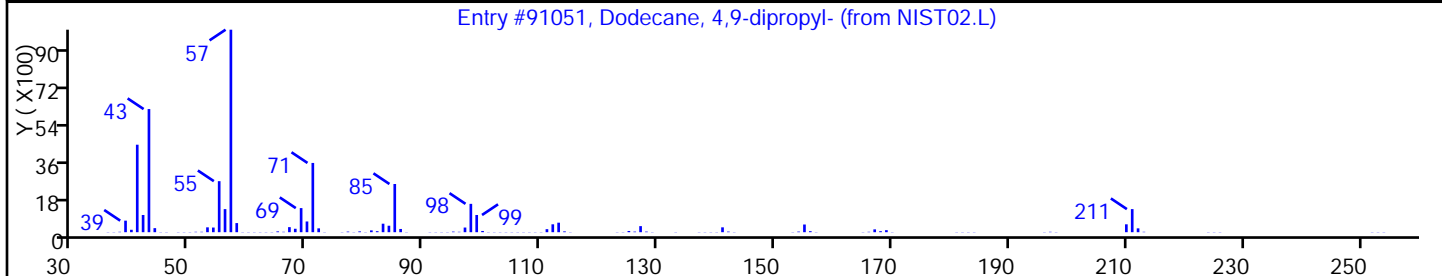
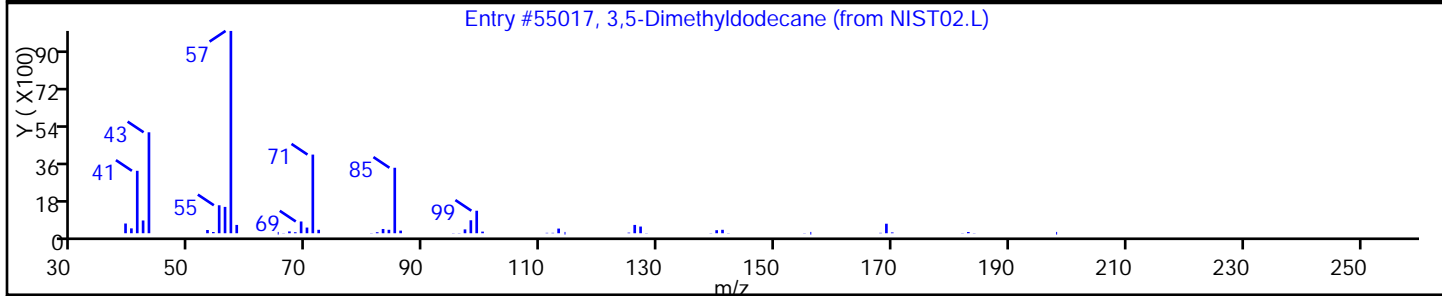
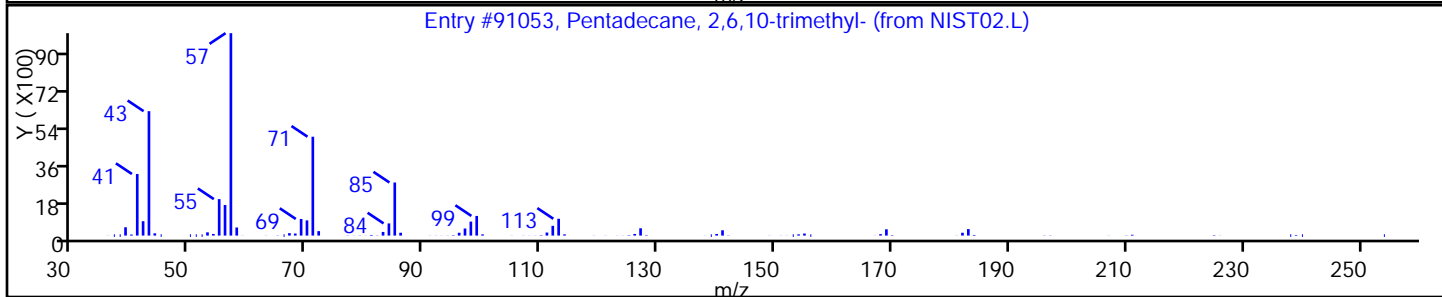
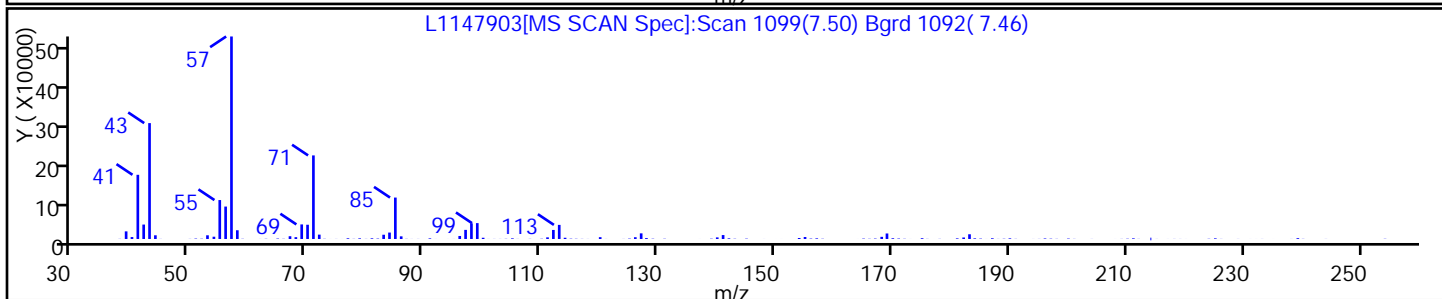
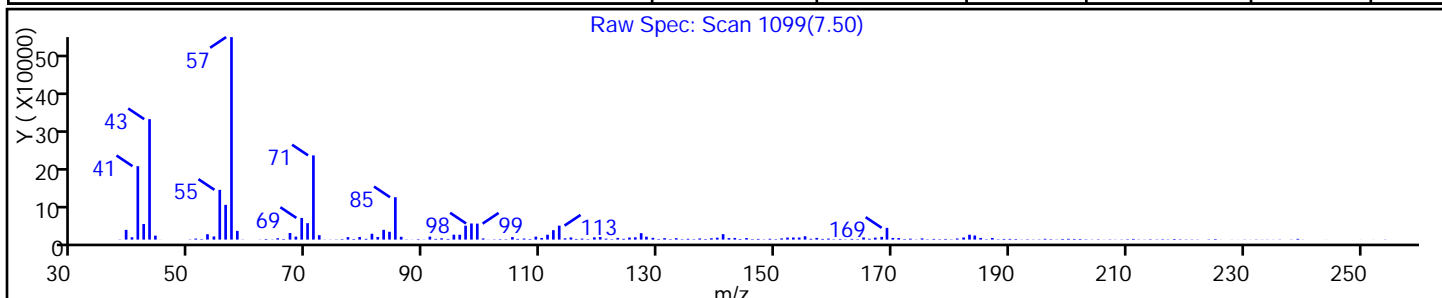
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	94
3,5-Dimethyldodecane	107770-99-C	NIST02.L	55017	C14H30	198	90
Dodecane, 4,9-dipropyl-	3054-63-5	NIST02.L	91051	C18H38	254	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

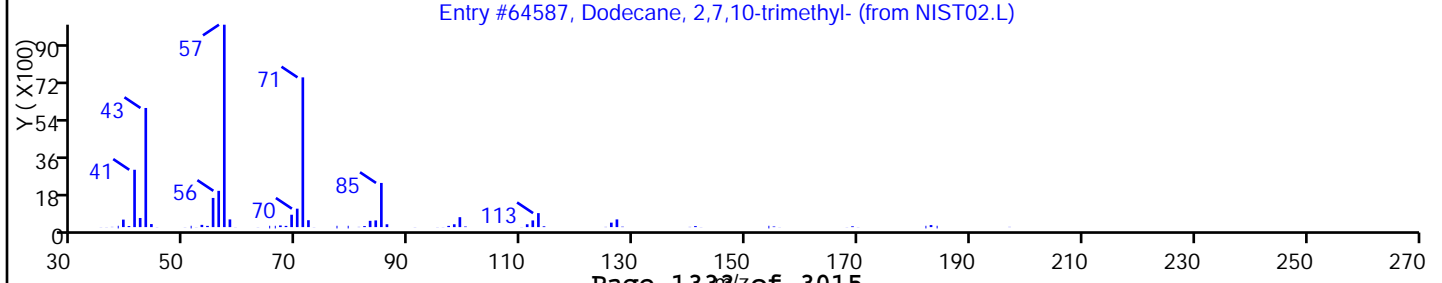
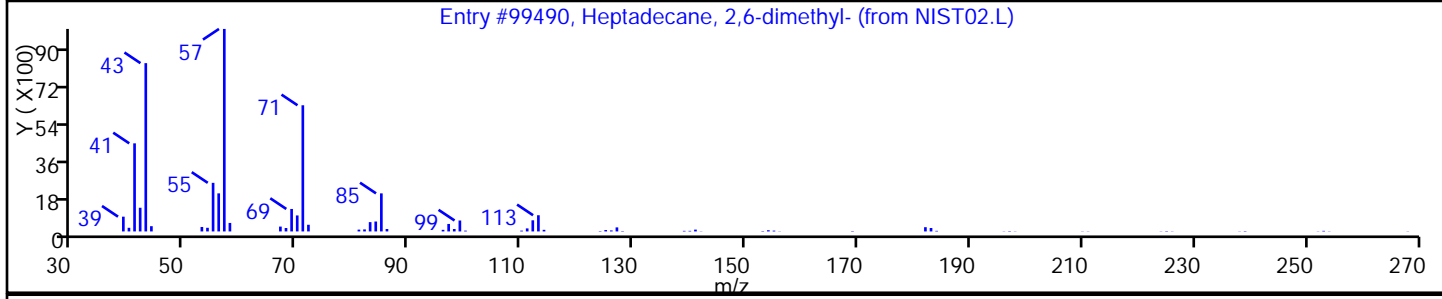
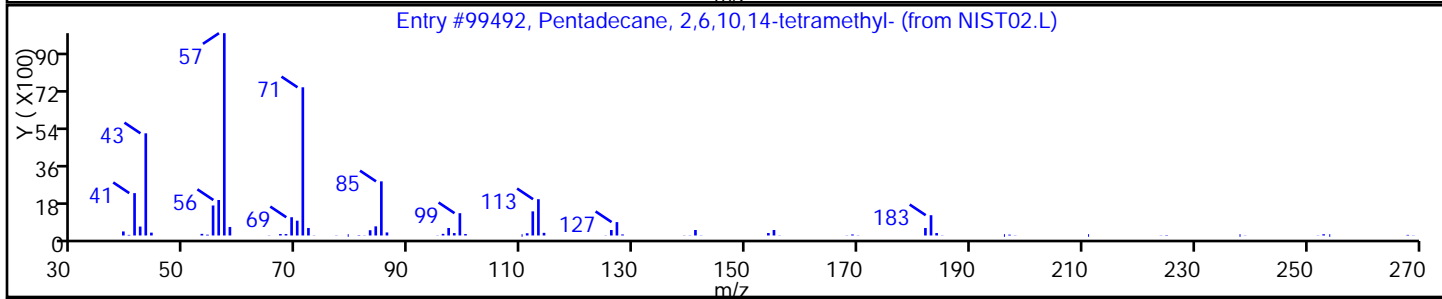
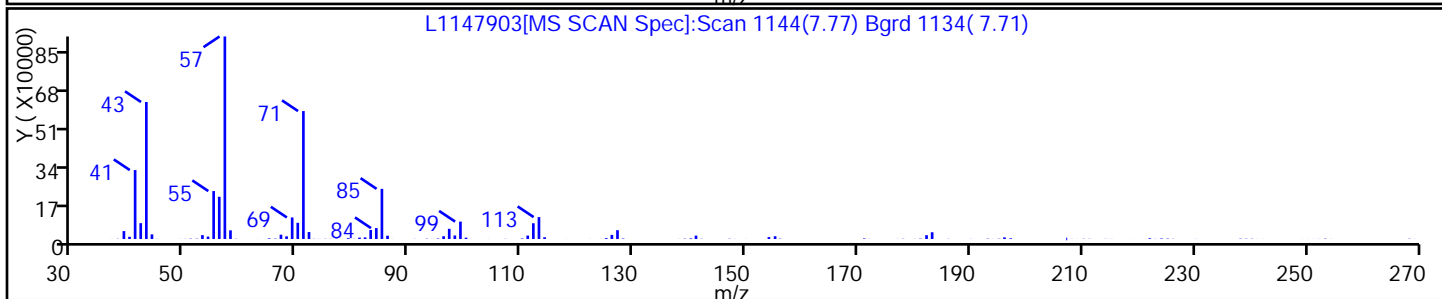
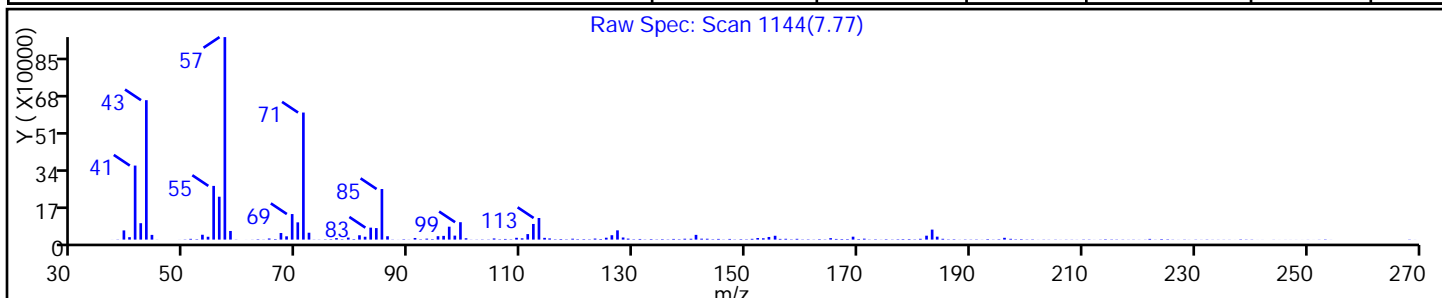
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	97
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	94
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

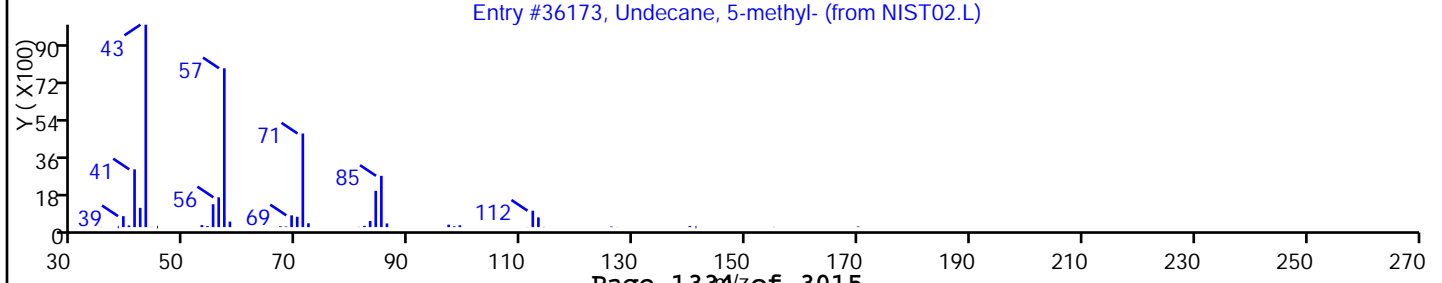
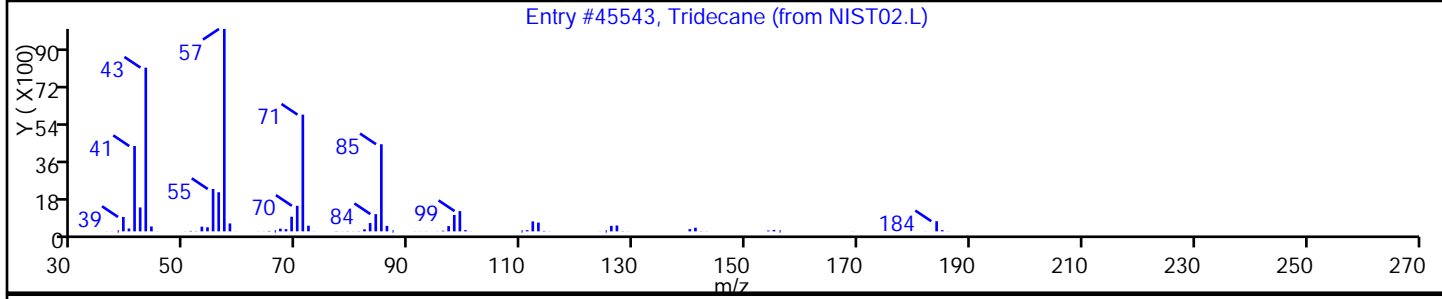
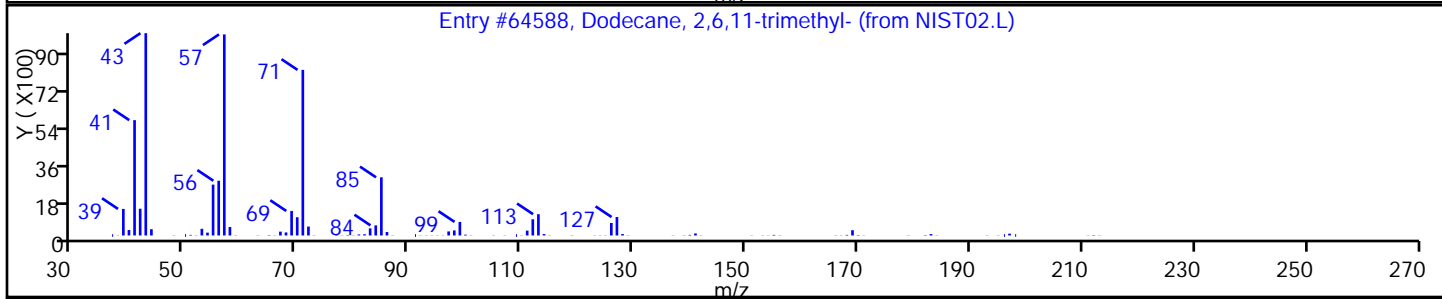
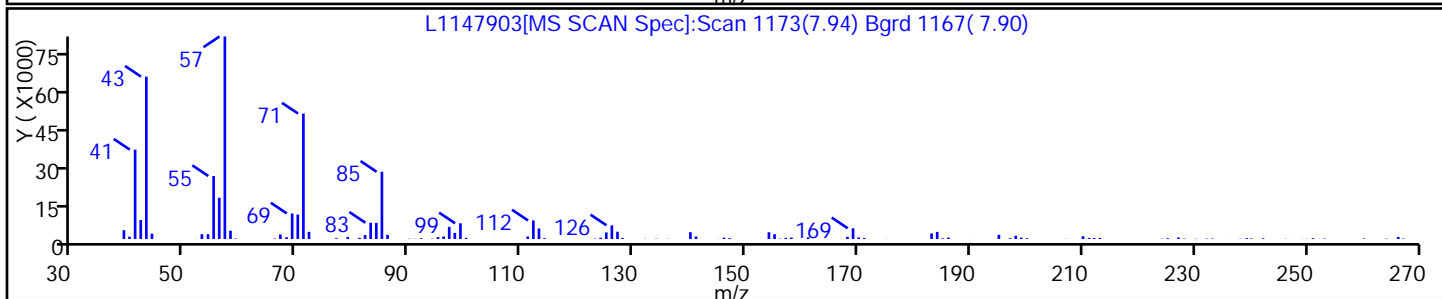
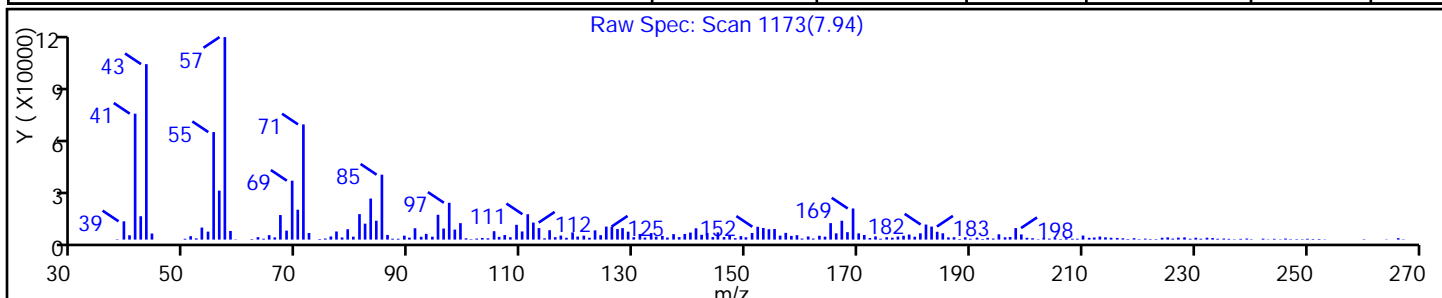
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	91
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	91
Undecane, 5-methyl-	1632-70-8	NIST02.L	36173	C12H26	170	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

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ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

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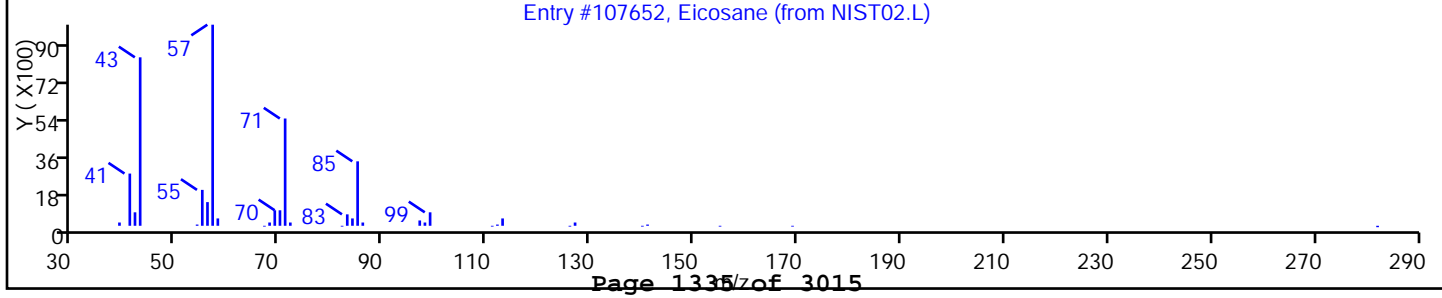
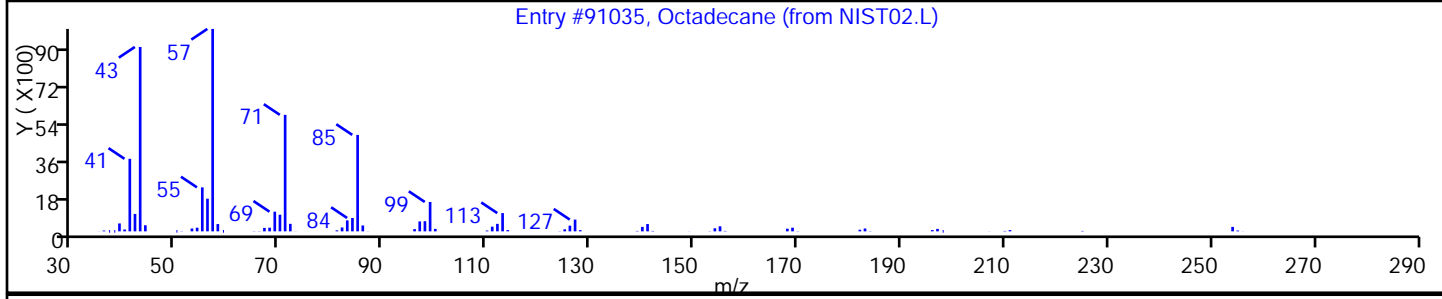
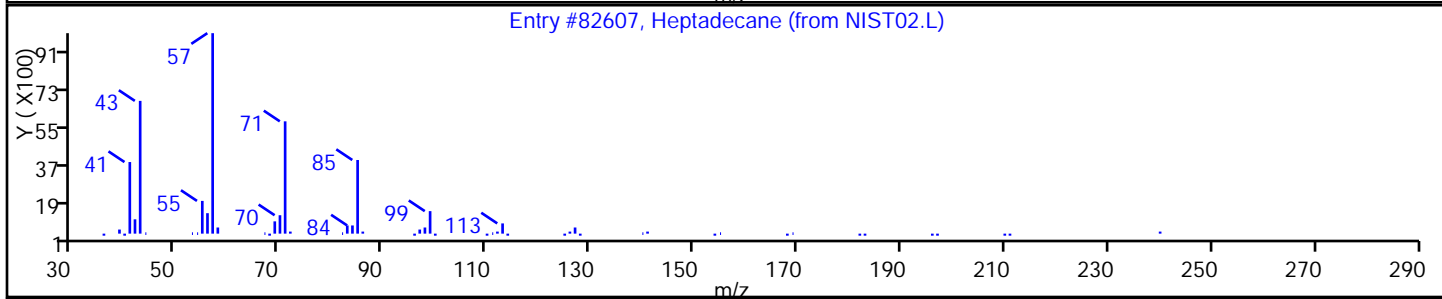
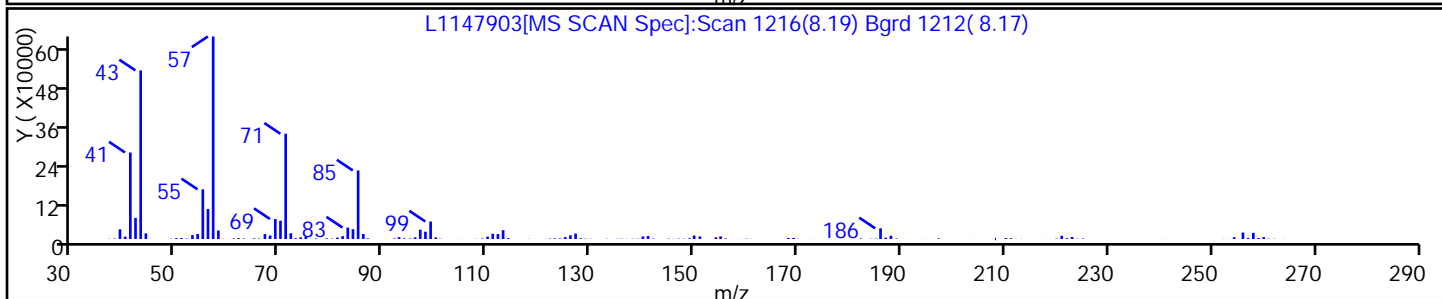
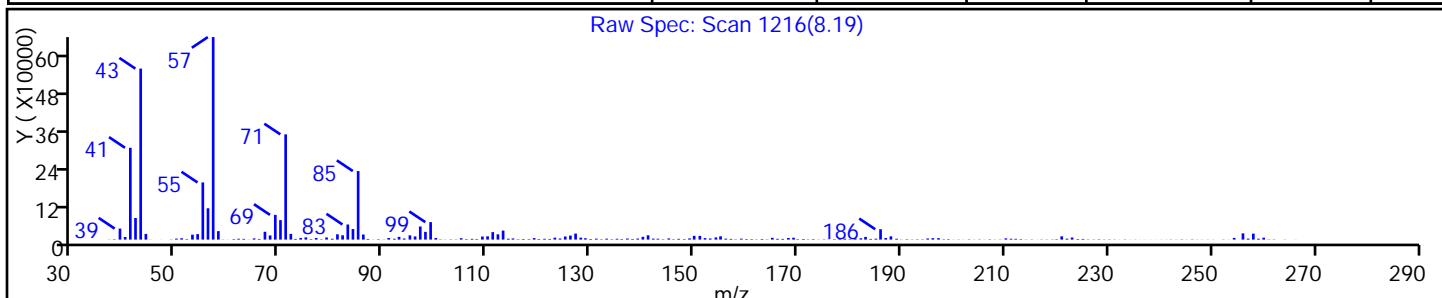
Method: 8270_12R

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
Octadecane	593-45-3	NIST02.L	91035	C18H38	254	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

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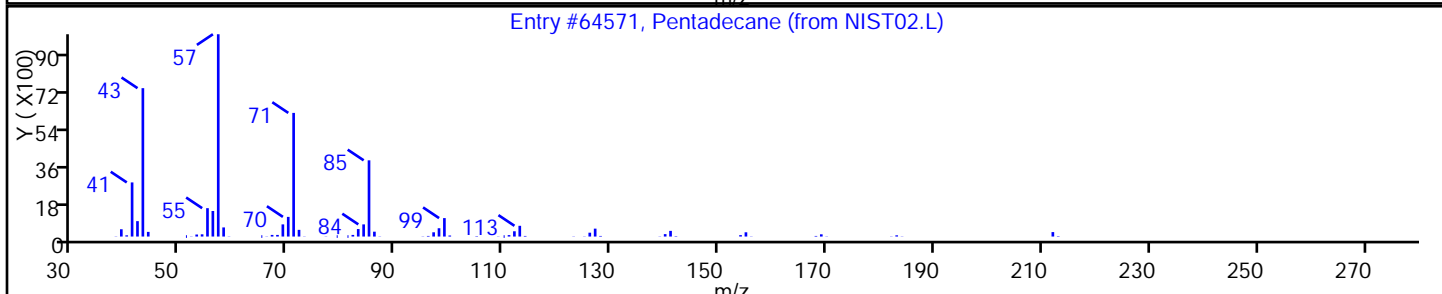
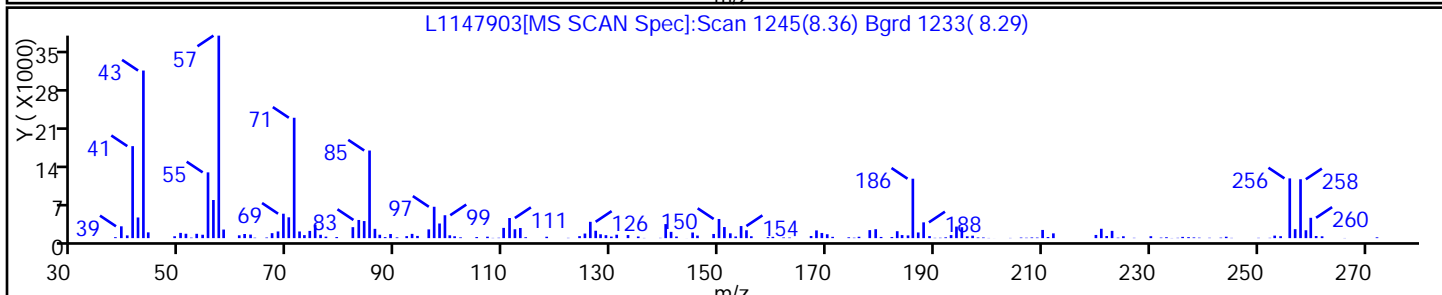
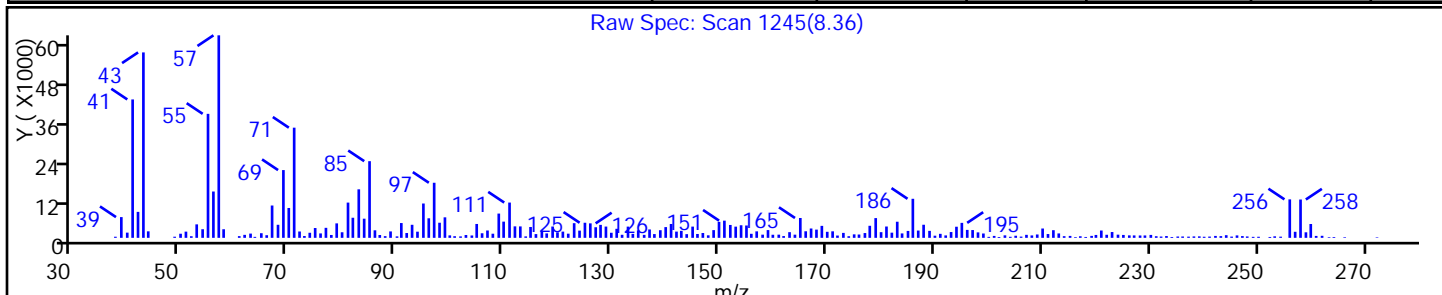
Method: 8270_12R

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	89



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

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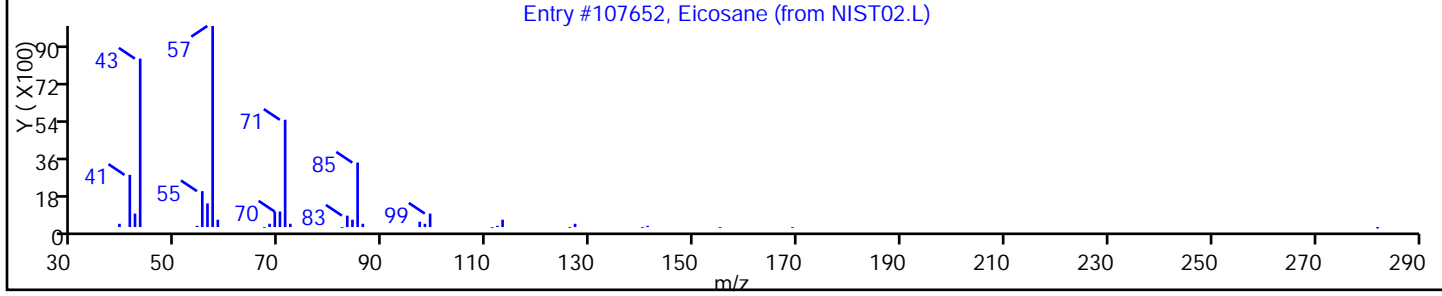
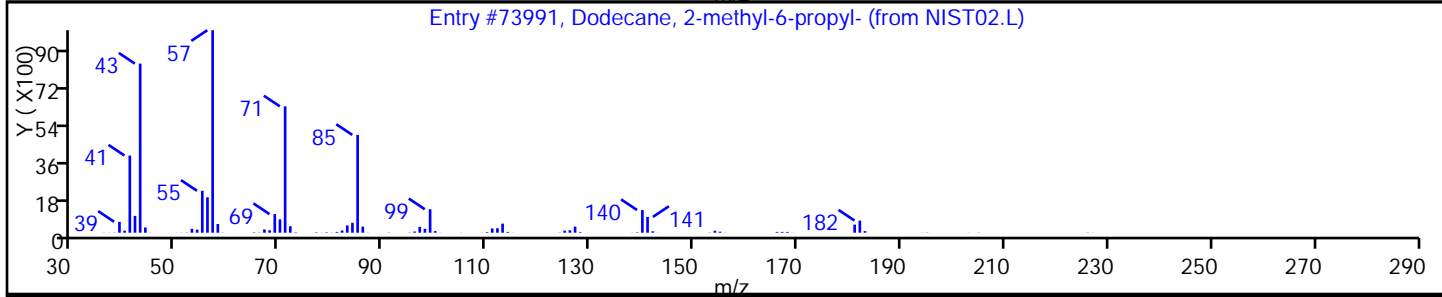
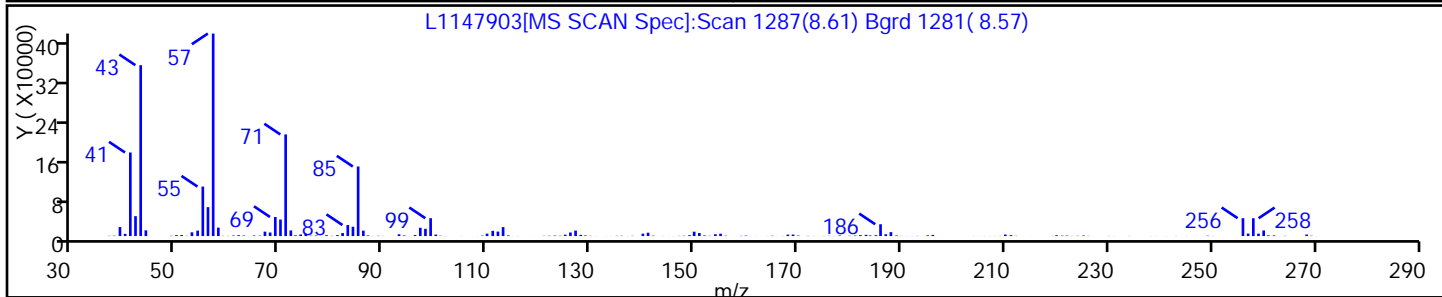
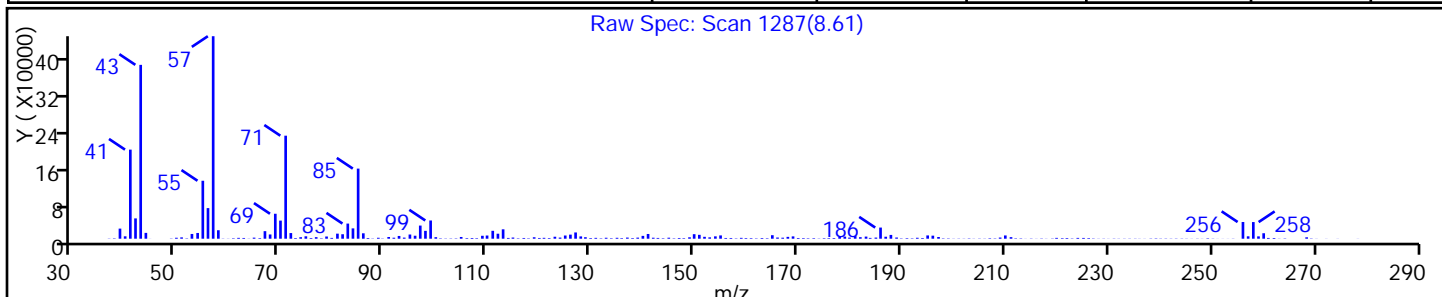
Method: 8270_12R

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	90
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

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Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

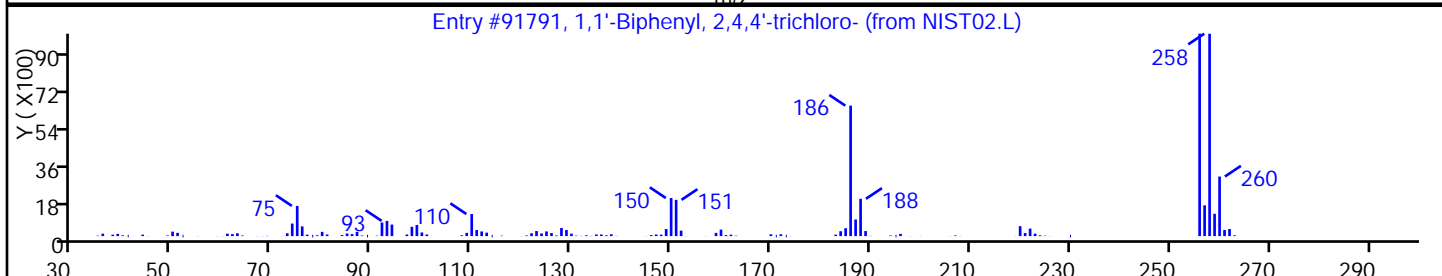
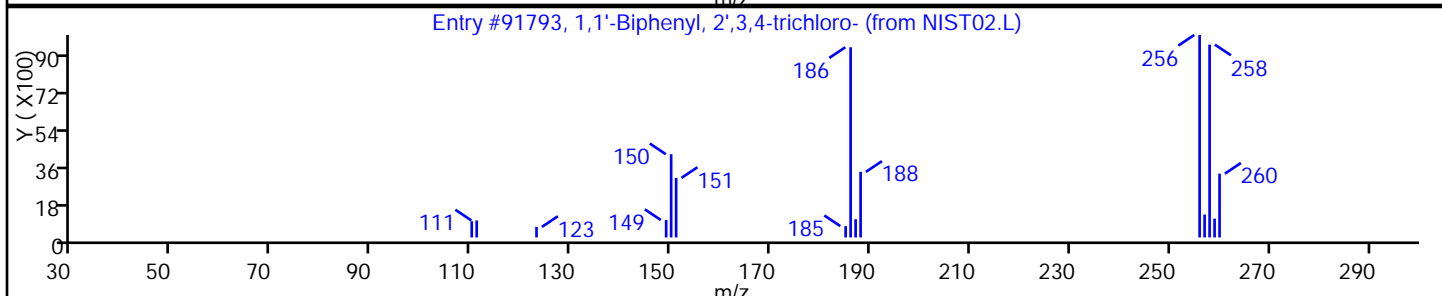
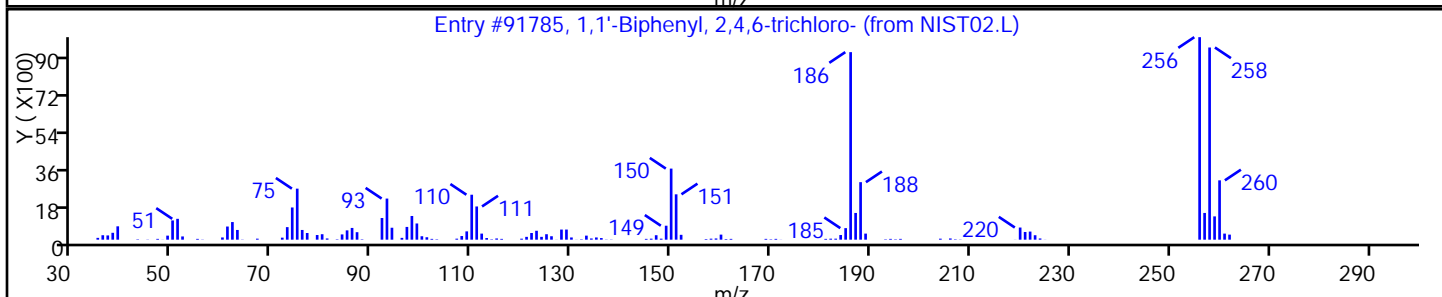
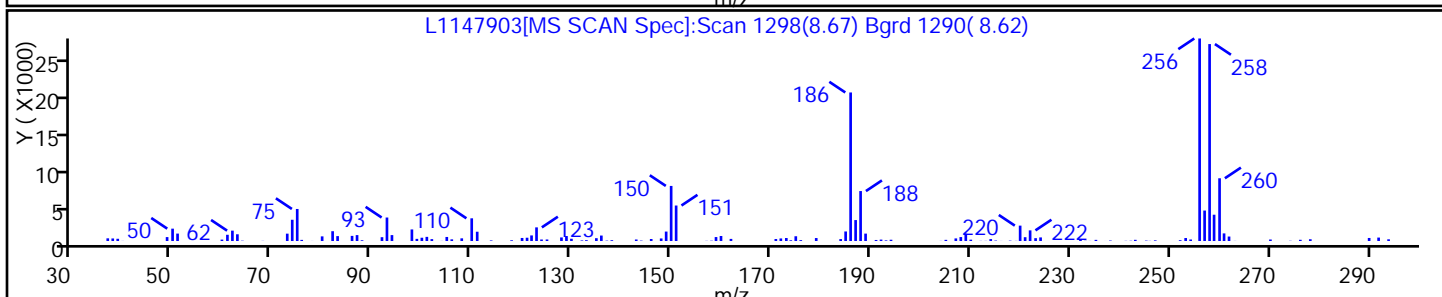
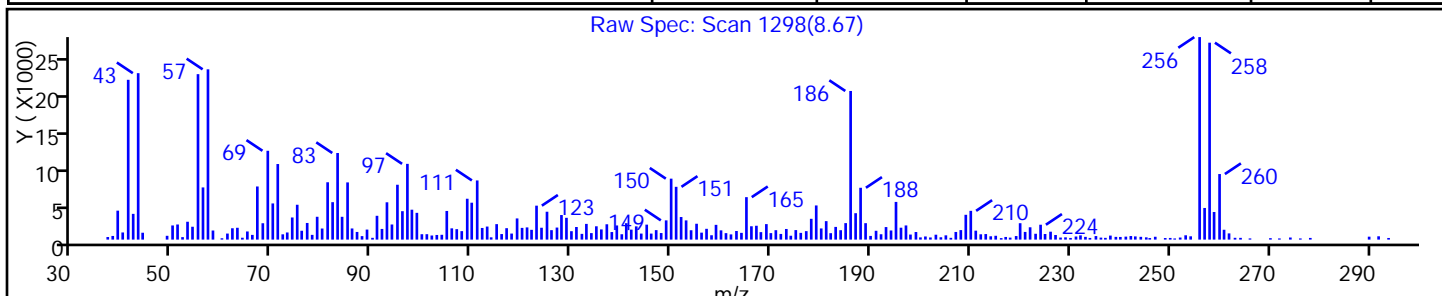
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Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

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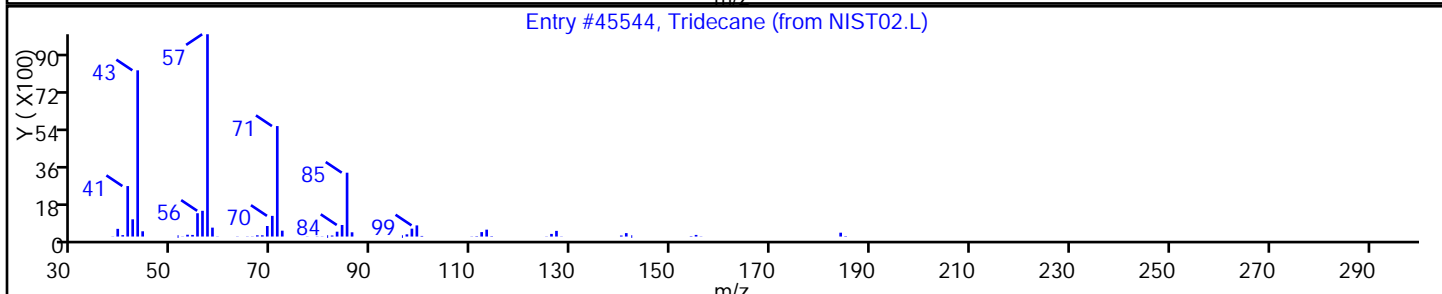
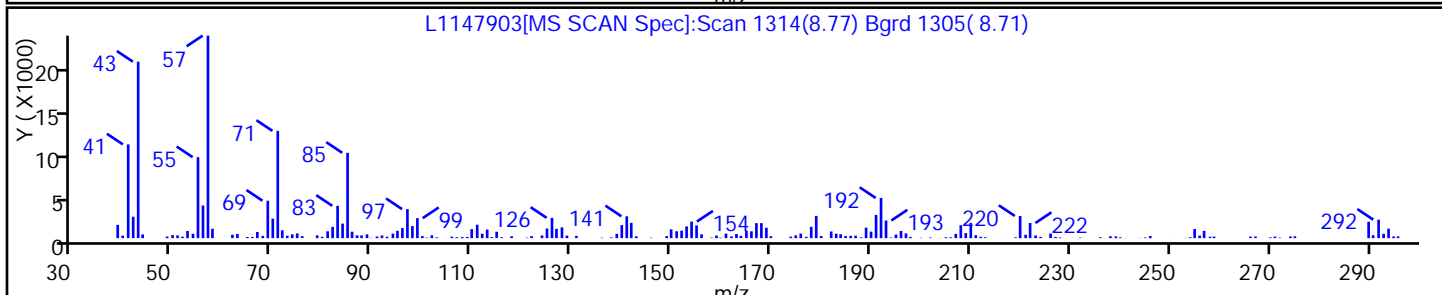
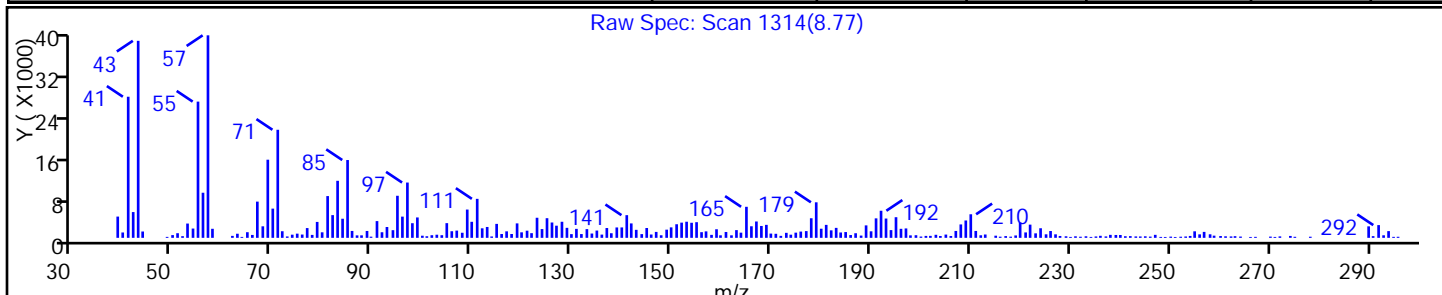
Method: 8270_12R

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

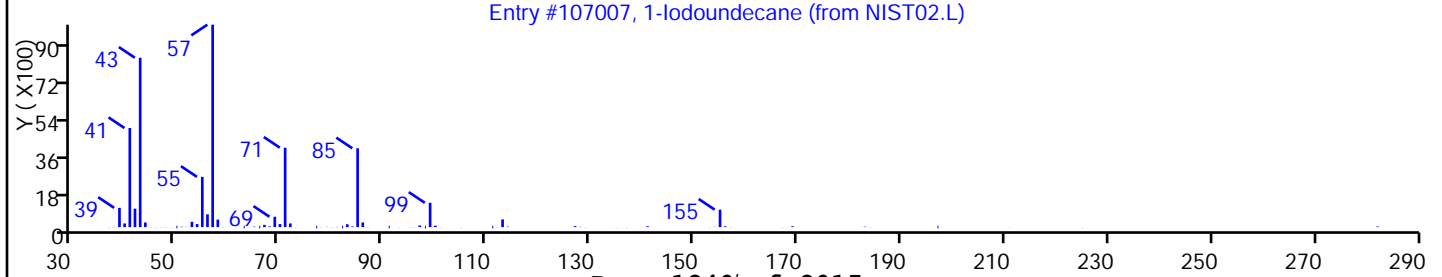
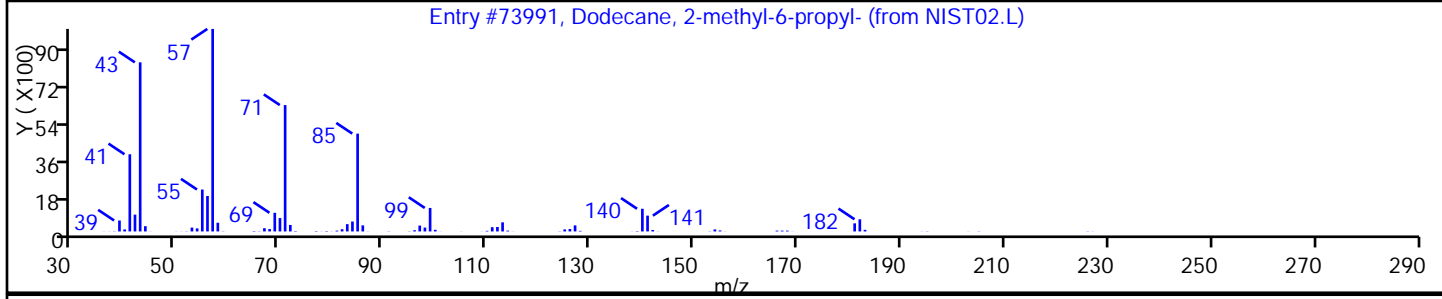
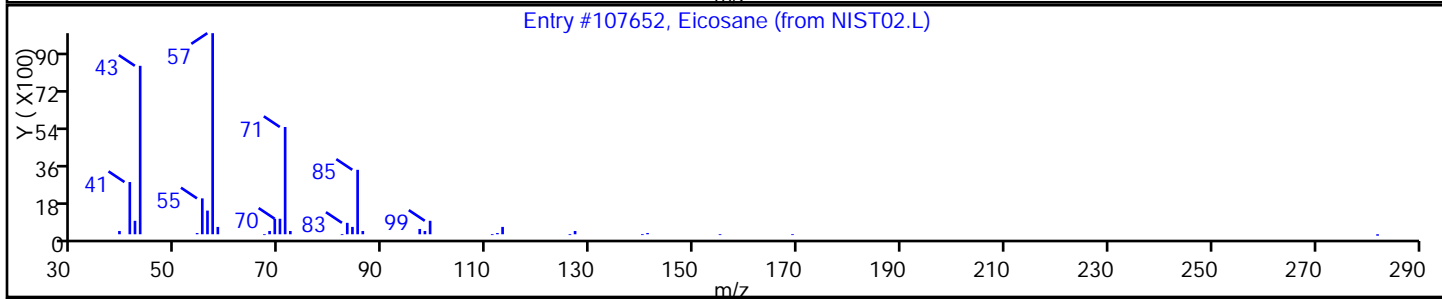
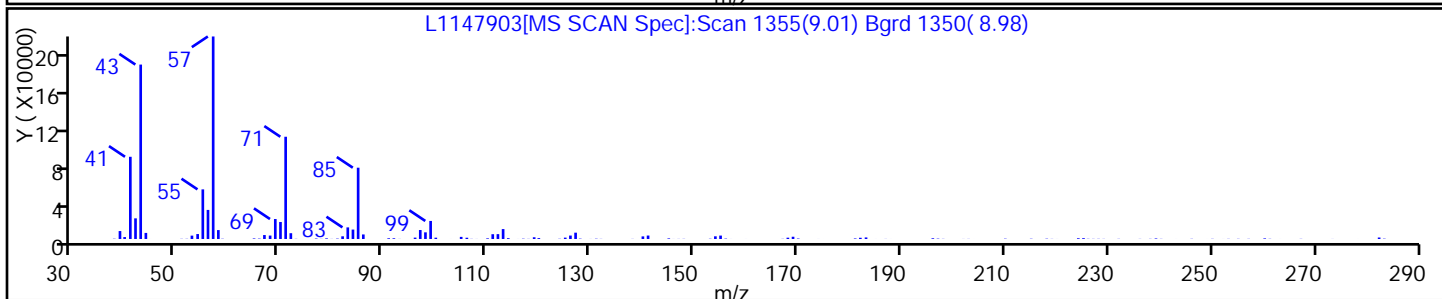
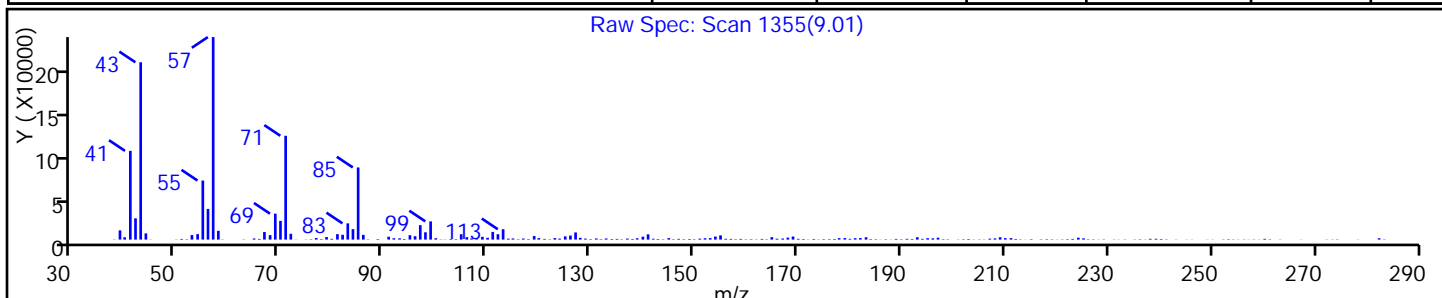
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	94
1-Iodoundecane	4282-44-4	NIST02.L	107007	C11H23I	282	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147903.D

Injection Date: 12-Mar-2014 14:06:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID: BNA 12

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

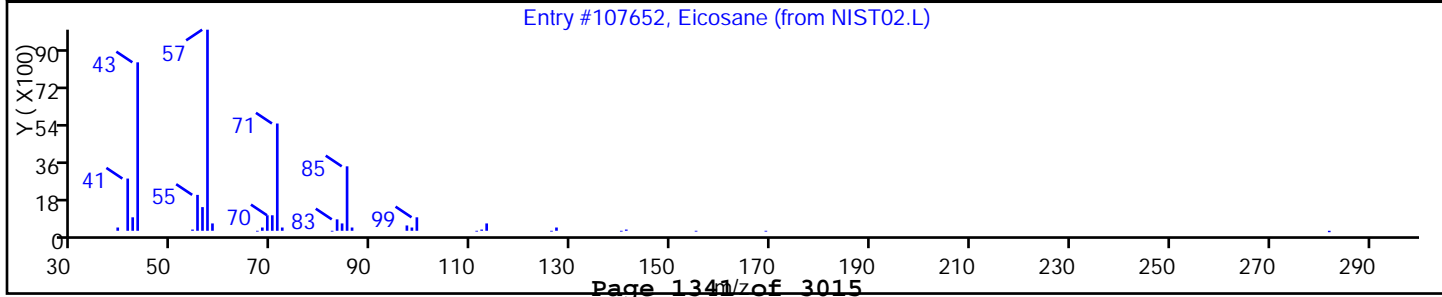
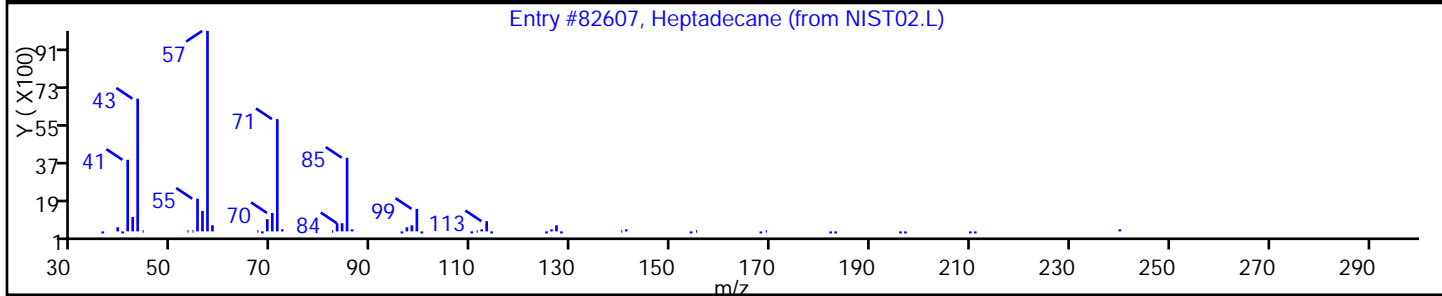
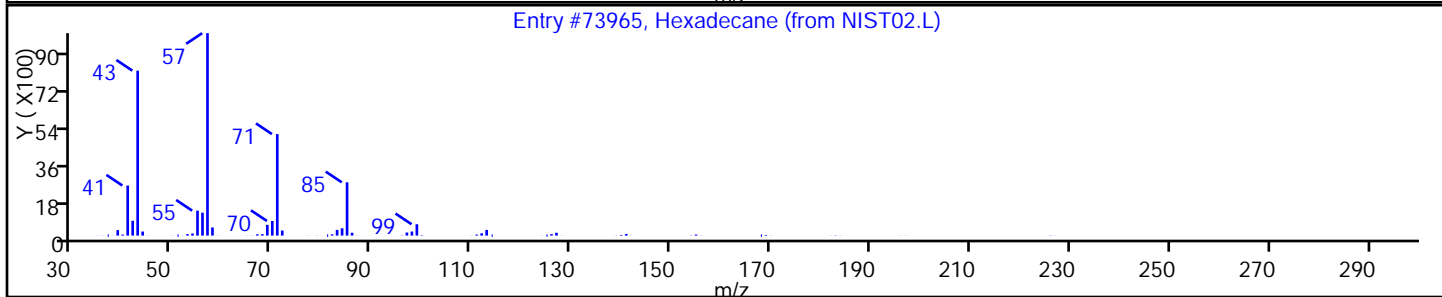
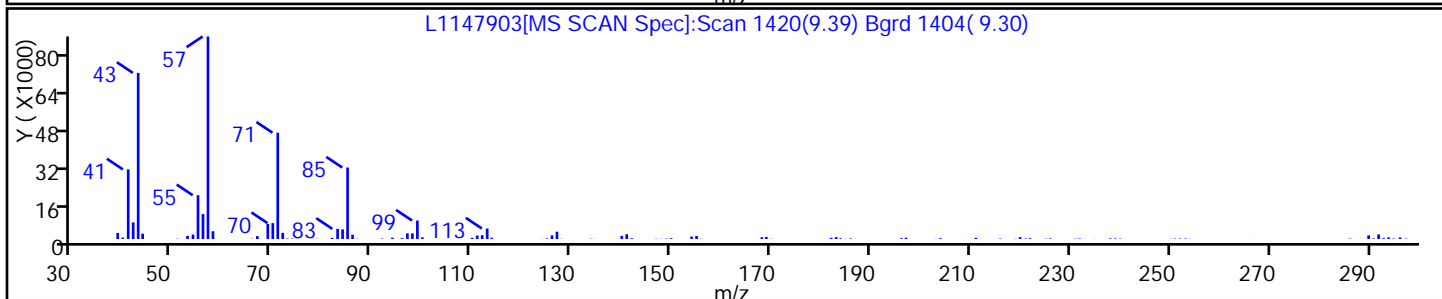
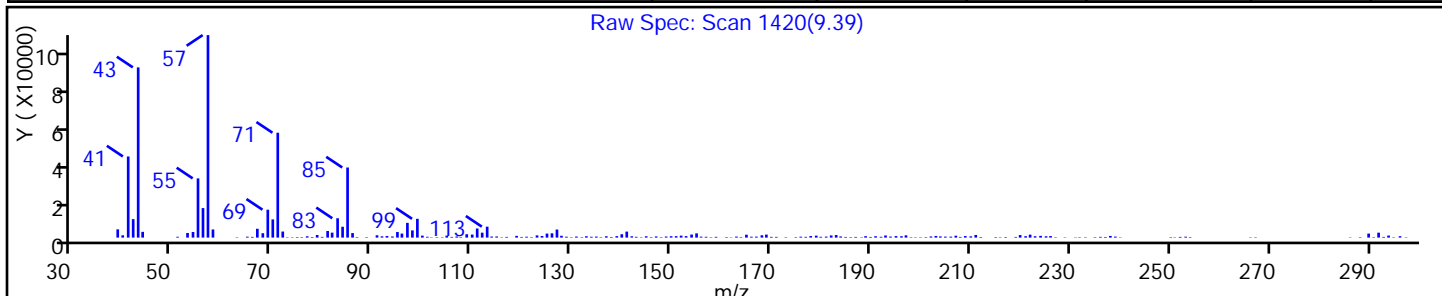
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	97
Heptadecane	629-78-7	NIST02.L	82607	C17H36	240	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: L1147892.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:33
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl) ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U *	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	95	U	390	95
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	390	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	390	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: L1147892.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:33
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	390	250
51-28-5	2,4-Dinitrophenol	220	U	780	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	49	U	390	49
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	780	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	780	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	390	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: L1147892.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:33
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		40-106
4165-62-2	Phenol-d5	76		44-104
1718-51-0	Terphenyl-d14	109		41-145
118-79-6	2,4,6-Tribromophenol	65		19-114
367-12-4	2-Fluorophenol	68		39-103
321-60-8	2-Fluorobiphenyl	77		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: L1147892.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:33
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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\CBNAMS12\20140312-10745.b\L1147892.D
 Lims ID: 460-72180-E-4-A Lab Sample ID: 460-72180-4
 Client ID: PMP-15SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 09:33:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-009
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 17:19:02

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.460	2.437	0.023	94	140998	33.8	
\$ 6 Phenol-d5	99	3.360	3.372	-0.012	68	184537	37.9	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	147458	40.0	
\$ 25 Nitrobenzene-d5	82	4.289	4.295	-0.006	93	144333	34.7	
* 35 Naphthalene-d8	136	5.013	5.019	-0.006	100	538429	40.0	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	306897	38.5	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	244295	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	95	38366	32.7	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	305143	40.0	
\$ 91 Terphenyl-d14	244	9.819	9.819	0.0	99	204372	54.3	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	176956	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	98	157225	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147892.D

Injection Date: 12-Mar-2014 09:33:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-4-A

Lab Sample ID: 460-72180-4

Worklist Smp#: 9

Client ID: PMP-15SW-SI

Injection Vol: 1.0 ul

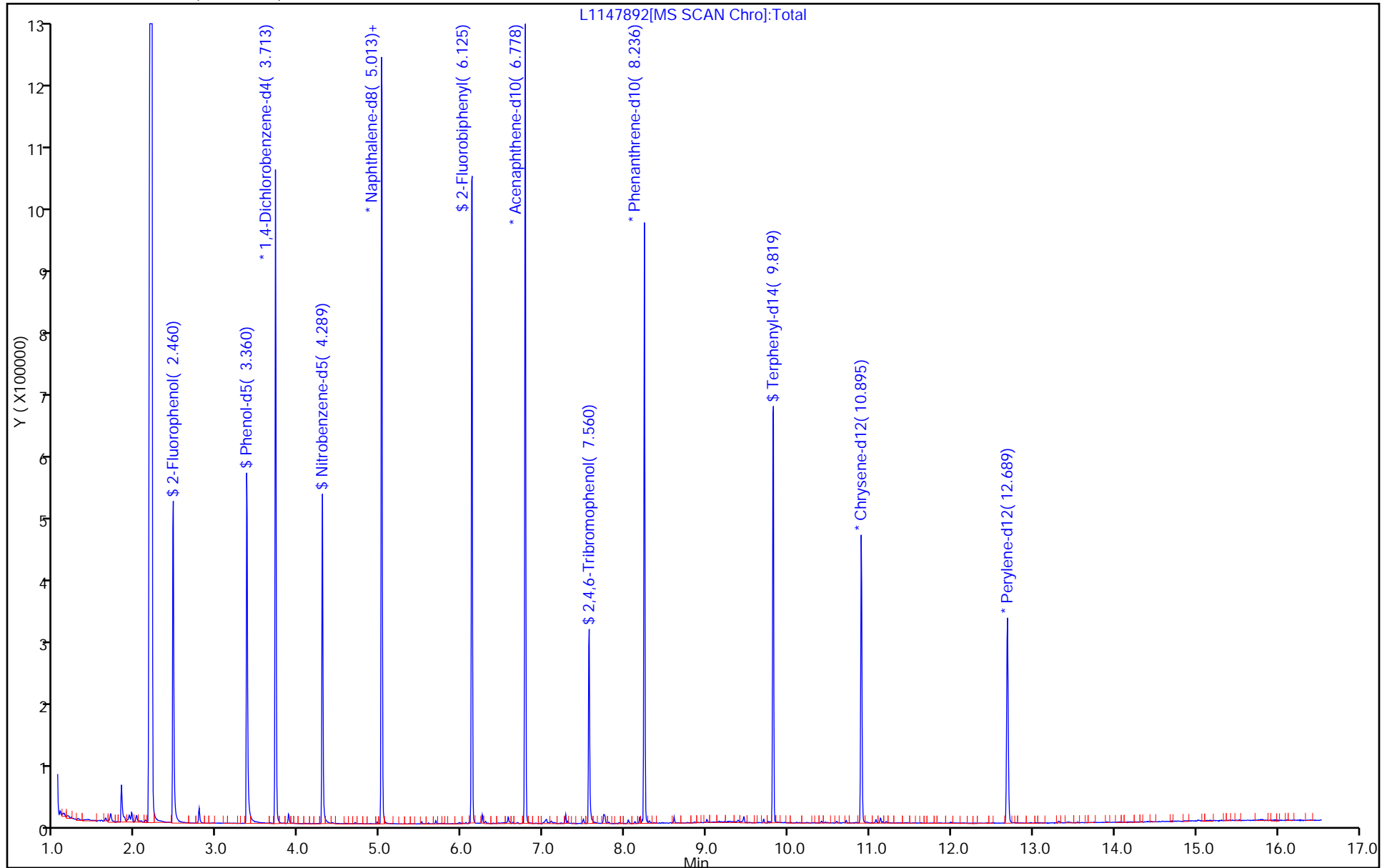
Dil. Factor: 1.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: L1147893.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 09:58
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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	64	U	380	64
106-44-5	4-Methylphenol	74	U	380	74
100-52-7	Benzaldehyde	44	U	380	44
98-86-2	Acetophenone	58	U	380	58
111-44-4	Bis(2-chloroethyl) ether	5.1	U	38	5.1
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	5.3	U *	38	5.3
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	76	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	48	U	380	48
118-74-1	Hexachlorobenzene	5.1	U	38	5.1
77-47-4	Hexachlorocyclopentadiene	44	U	380	44
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	50	U	380	50
91-58-7	2-Chloronaphthalene	42	U	380	42
88-74-4	2-Nitroaniline	160	U	380	160
606-20-2	2,6-Dinitrotoluene	11	U	76	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	55	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: L1147893.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 09:58
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	240	U	380	240
51-28-5	2,4-Dinitrophenol	210	U	760	210
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	50	U	380	50
84-74-2	Di-n-butyl phthalate	46	U	380	46
121-14-2	2,4-Dinitrotoluene	12	U	76	12
7005-72-3	4-Chlorophenyl phenyl ether	44	U	380	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	380	37
1912-24-9	Atrazine	58	U	380	58
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	760	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	34	U	380	34
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	4.7	U	38	4.7
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	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: L1147893.D
 Analysis Method: 8270C Date Collected: 03/07/2014 09:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 09:58
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		40-106
4165-62-2	Phenol-d5	78		44-104
1718-51-0	Terphenyl-d14	109		41-145
118-79-6	2,4,6-Tribromophenol	64		19-114
367-12-4	2-Fluorophenol	72		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-15SW-SD</u>	Lab Sample ID: <u>460-72180-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>L1147893.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 09:45</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:37</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>03/12/2014 09:58</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>12.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212016</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147893.D
 Lims ID: 460-72180-E-5-A Lab Sample ID: 460-72180-5
 Client ID: PMP-15SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 09:58:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-010
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 17:19:59

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.460	2.437	0.023	94	145378	36.1	
\$ 6 Phenol-d5	99	3.360	3.372	-0.012	68	183613	39.0	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	142686	40.0	
\$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	93	150448	37.4	
* 35 Naphthalene-d8	136	5.013	5.019	-0.006	99	521444	40.0	
\$ 48 2-Fluorobiphenyl	172	6.119	6.125	-0.006	97	311715	40.4	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	236525	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	94	36608	32.2	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	312382	40.0	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	98	196630	54.6	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	169195	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	98	153908	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147893.D

Injection Date: 12-Mar-2014 09:58:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-5-A

Lab Sample ID: 460-72180-5

Worklist Smp#: 10

Client ID: PMP-15SW-SD

Injection Vol: 1.0 ul

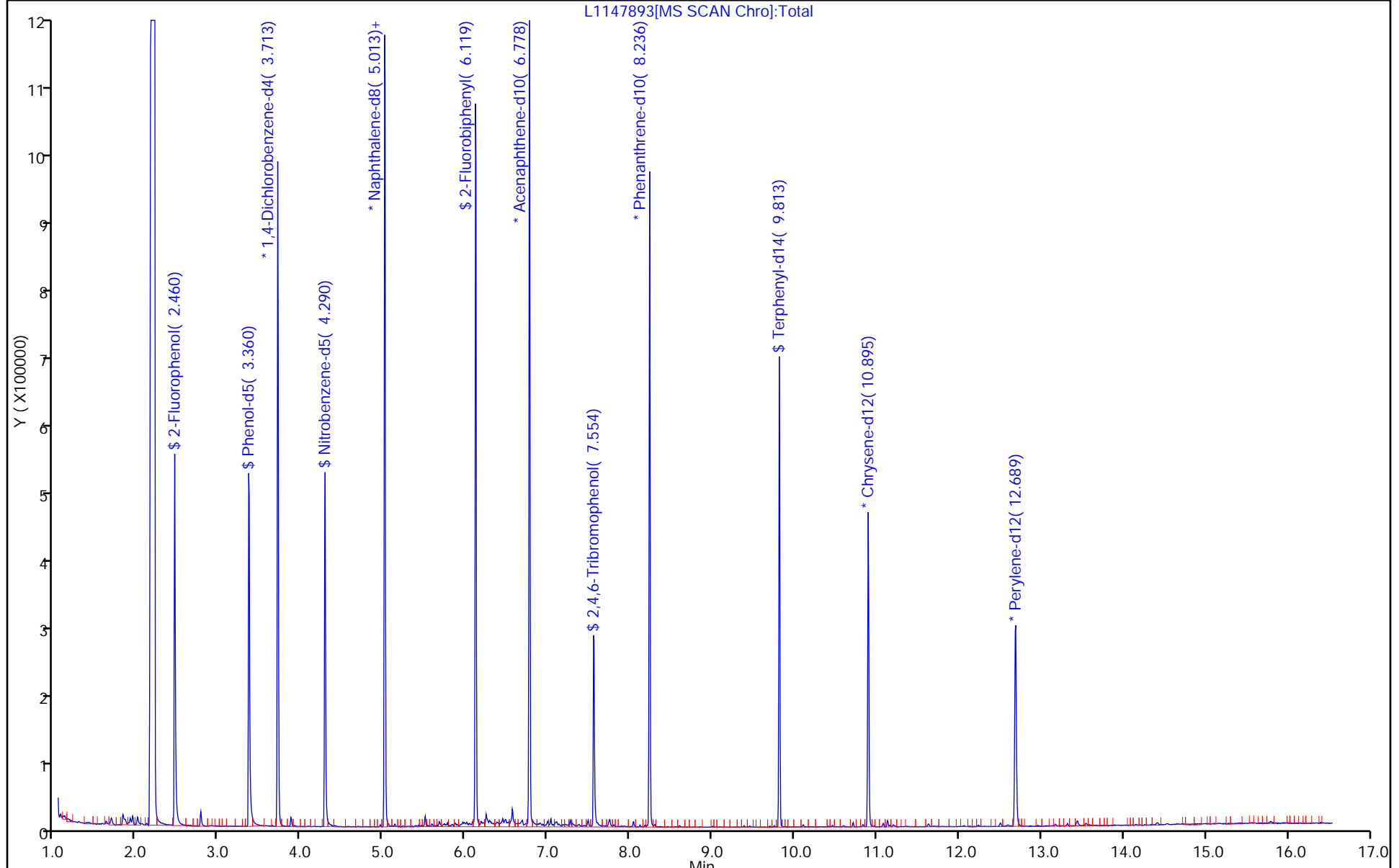
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: L1147899.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 12:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	100	U	750	100
95-57-8	2-Chlorophenol	99	U	750	99
95-48-7	2-Methylphenol	130	U	750	130
106-44-5	4-Methylphenol	150	U	750	150
100-52-7	Benzaldehyde	88	U	750	88
98-86-2	Acetophenone	120	U	750	120
111-44-4	Bis(2-chloroethyl) ether	10	U	75	10
108-60-1	2,2'-oxybis[1-chloropropane]	83	U	750	83
621-64-7	N-Nitrosodi-n-propylamine	13	U	75	13
98-95-3	Nitrobenzene	11	U *	75	11
67-72-1	Hexachloroethane	8.4	U	75	8.4
78-59-1	Isophorone	91	U	750	91
88-75-5	2-Nitrophenol	84	U	750	84
105-67-9	2,4-Dimethylphenol	190	U	750	190
120-83-2	2,4-Dichlorophenol	110	U	750	110
111-91-1	Bis(2-chloroethoxy)methane	97	U	750	97
91-20-3	Naphthalene	87	U	750	87
106-47-8	4-Chloroaniline	200	U	750	200
87-68-3	Hexachlorobutadiene	18	U	150	18
105-60-2	Caprolactam	170	U	750	170
59-50-7	4-Chloro-3-methylphenol	110	U	750	110
91-57-6	2-Methylnaphthalene	97	U	750	97
118-74-1	Hexachlorobenzene	10	U	75	10
77-47-4	Hexachlorocyclopentadiene	88	U	750	88
88-06-2	2,4,6-Trichlorophenol	88	U	750	88
95-95-4	2,4,5-Trichlorophenol	97	U	750	97
92-52-4	Diphenyl	100	U	750	100
91-58-7	2-Chloronaphthalene	84	U	750	84
88-74-4	2-Nitroaniline	310	U	750	310
606-20-2	2,6-Dinitrotoluene	23	U	150	23
131-11-3	Dimethyl phthalate	89	U	750	89
208-96-8	Acenaphthylene	89	U	750	89
99-09-2	3-Nitroaniline	270	U	750	270
83-32-9	Acenaphthene	110	U	750	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: L1147899.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 12:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	480	U	750	480
51-28-5	2,4-Dinitrophenol	430	U	1500	430
132-64-9	Dibenzofuran	88	U	750	88
84-66-2	Diethyl phthalate	89	U	750	89
86-73-7	Fluorene	96	U	750	96
206-44-0	Fluoranthene	130	J	750	100
84-74-2	Di-n-butyl phthalate	93	U	750	93
121-14-2	2,4-Dinitrotoluene	25	U	150	25
7005-72-3	4-Chlorophenyl phenyl ether	88	U	750	88
100-01-6	4-Nitroaniline	230	U	1500	230
534-52-1	4,6-Dinitro-2-methylphenol	200	U	1500	200
101-55-3	4-Bromophenyl phenyl ether	74	U	750	74
1912-24-9	Atrazine	120	U	750	120
120-12-7	Anthracene	91	U	750	91
86-74-8	Carbazole	89	U	750	89
85-01-8	Phenanthrene	1500		750	96
87-86-5	Pentachlorophenol	220	U	1500	220
129-00-0	Pyrene	440	J	750	63
218-01-9	Chrysene	88	U	750	88
207-08-9	Benzo[k]fluoranthene	5.7	U	75	5.7
191-24-2	Benzo[g,h,i]perylene	56	U	750	56
205-99-2	Benzo[b]fluoranthene	4.7	U	75	4.7
50-32-8	Benzo[a]pyrene	5.3	U	75	5.3
56-55-3	Benzo[a]anthracene	5.2	U	75	5.2
86-30-6	N-Nitrosodiphenylamine	74	U	750	74
85-68-7	Butyl benzyl phthalate	69	U	750	69
117-81-7	Bis(2-ethylhexyl) phthalate	250	U	750	250
117-84-0	Di-n-octyl phthalate	48	U	750	48
193-39-5	Indeno[1,2,3-cd]pyrene	14	U	75	14
53-70-3	Dibenz(a,h)anthracene	9.5	U	75	9.5
91-94-1	3,3'-Dichlorobenzidine	260	U	750	260
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	750	100
58-90-2	2,3,4,6-Tetrachlorophenol	98	U	750	98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: L1147899.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 12:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		40-106
4165-62-2	Phenol-d5	81		44-104
1718-51-0	Terphenyl-d14	90		41-145
118-79-6	2,4,6-Tribromophenol	65		19-114
367-12-4	2-Fluorophenol	75		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: L1147899.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 12:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg
 Number TICs Found: 15 TIC Result Total: 89400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	5.88	3300	J
581-40-8	Naphthalene, 2,3-dimethyl-	6.45	7800	J N
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	6.58	10000	J N
	Unknown	6.70	3400	J
2027-17-0	Naphthalene, 2-(1-methylethyl)-	6.90	4100	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.00	4400	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.04	5200	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.11	6500	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.22	4200	J N
829-26-5	Naphthalene, 2,3,6-trimethyl-	7.33	6500	J N
	Unknown	7.38	6800	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.51	6500	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.77	11000	J N
55045-11-9	Tridecane, 5-propyl-	7.94	3000	J N
	Unknown	8.57	6700	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D
 Lims ID: 460-72180-E-6-A Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:28:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 1.0 ul Dil. Factor: 2.0000
 Sample Info: 460-0010745-016
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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: asfawa

Date: 13-Mar-2014 07:18:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.454	2.437	0.017	93	67680	18.8	
\$ 6 Phenol-d5	99	3.360	3.372	-0.012	68	85409	20.4	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	97	127144	40.0	
\$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	92	70591	21.4	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	428334	40.0	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	93	134311	23.6	
* 61 Acenaphthene-d10	164	6.784	6.778	0.006	93	174399	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.572	7.566	0.006	30	13707	16.3	
* 83 Phenanthrene-d10	188	8.248	8.236	0.012	92	231959	40.0	
84 Phenanthrene	178	8.272	8.266	0.006	77	61561	10.2	
88 Fluoranthene	202	9.436	9.430	0.006	72	5078	0.8820	
90 Pyrene	202	9.648	9.648	0.0	93	16260	2.89	
\$ 91 Terphenyl-d14	244	9.819	9.819	0.0	98	92979	22.5	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	98	194608	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	206355	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D
 Lims ID: 460-72180-E-6-A Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:28:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 1.0 ul Dil. Factor: 2.0000
 Sample Info: 460-0010745-016
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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: asfawa Date: 13-Mar-2014 07:18:01

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
5.878	502099	22.0	35					
6.454	581-40-8 2376485	51.2	61	97	27164	C12H12	156	
6.578	18344-37-1 3110330	67.1	61	86	115580	C21H44	296	
Unknown								
6.695	1034209	22.3	61					
6.895	2027-17-0 1248149	26.9	61	91	36223	C13H14	170	
7.001	2245-38-7 1350072	29.1	61	98	36214	C13H14	170	
7.042	829-26-5 1599544	34.5	61	98	36216	C13H14	170	
7.107	829-26-5 1979637	42.7	61	90	36212	C13H14	170	
7.219	829-26-5 1274172	27.5	61	98	36216	C13H14	170	
7.325	829-26-5 1976482	42.6	61	95	36216	C13H14	170	
Unknown								
7.384	2091886	45.1	61					
7.507	3892-00-0 4029684	42.6	83	91	91053	C18H38	254	

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-							
7.772	6957068	73.6	83	96	99493	C19H40	268	
55045-11-9	Tridecane, 5-propyl-							
7.942	1850646	19.6	83	83	73971	C16H34	226	
	Unknown							
8.572	4168086	44.1	83					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.019	912805	40.0
* 61 Acenaphthene-d10	6.784	1854896	40.0
* 83 Phenanthrene-d10	8.225	3780459	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Worklist Smp#: 16

Client ID: PMP-16SW-WT

Injection Vol: 1.0 ul

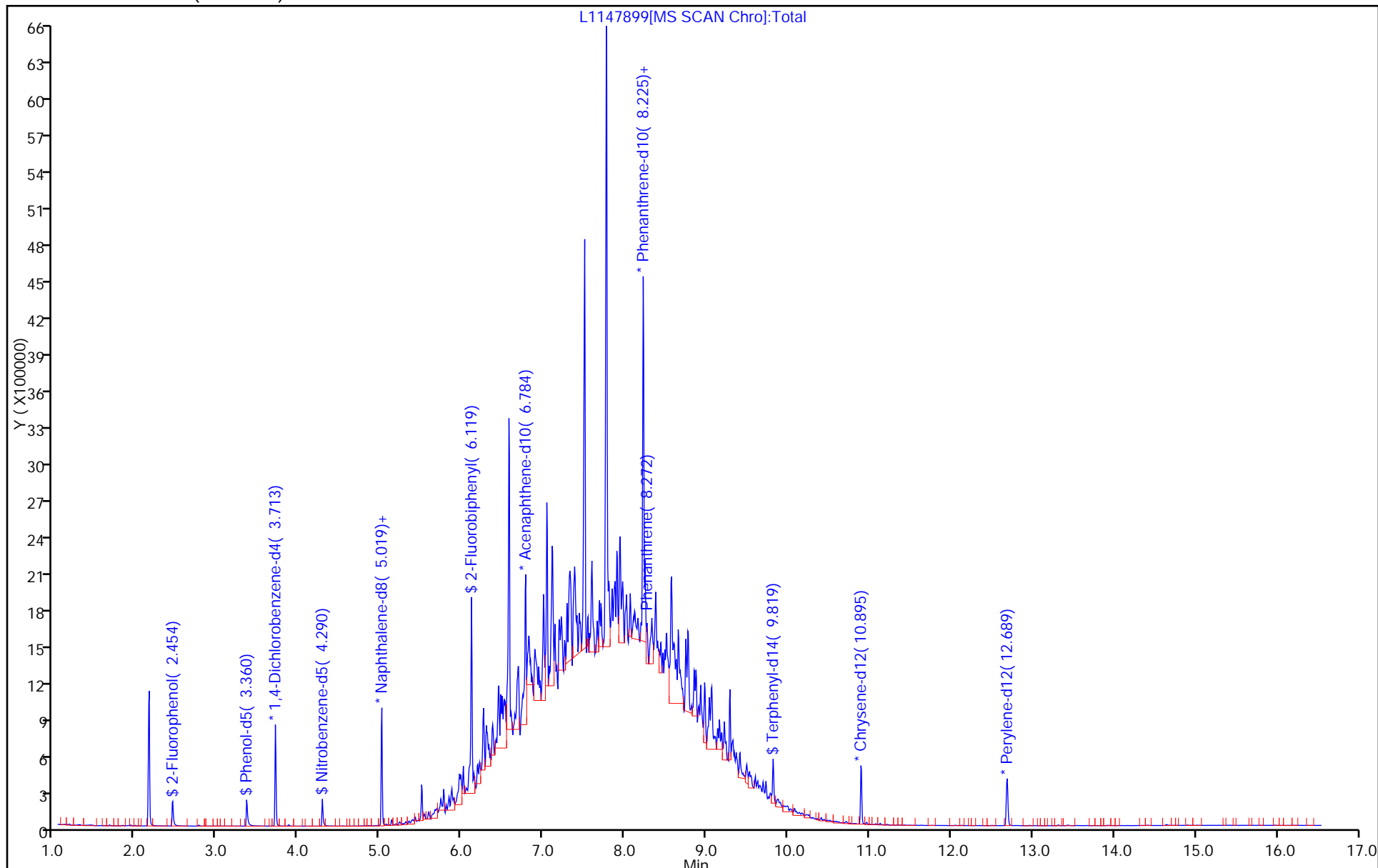
Dil. Factor: 2.0000

ALS Bottle#: 16

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

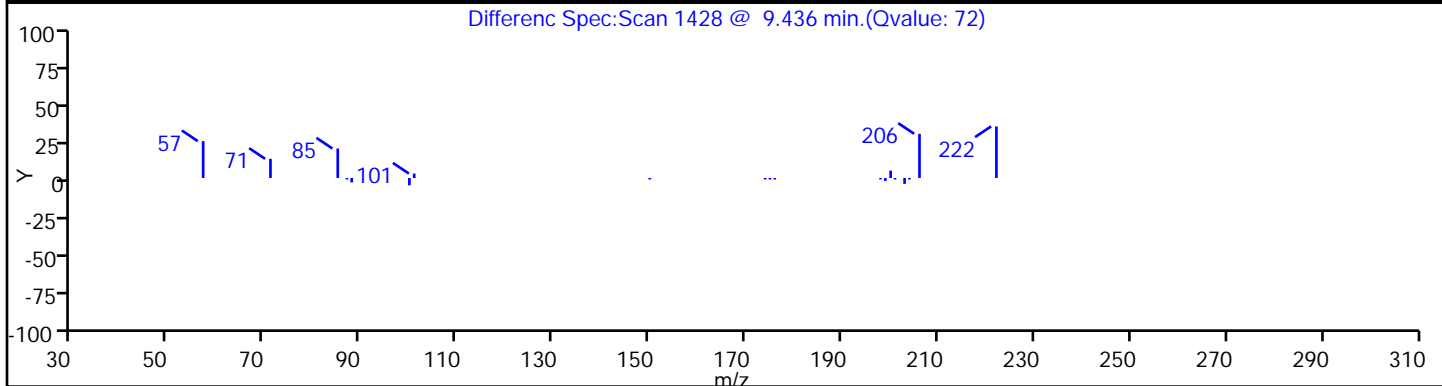
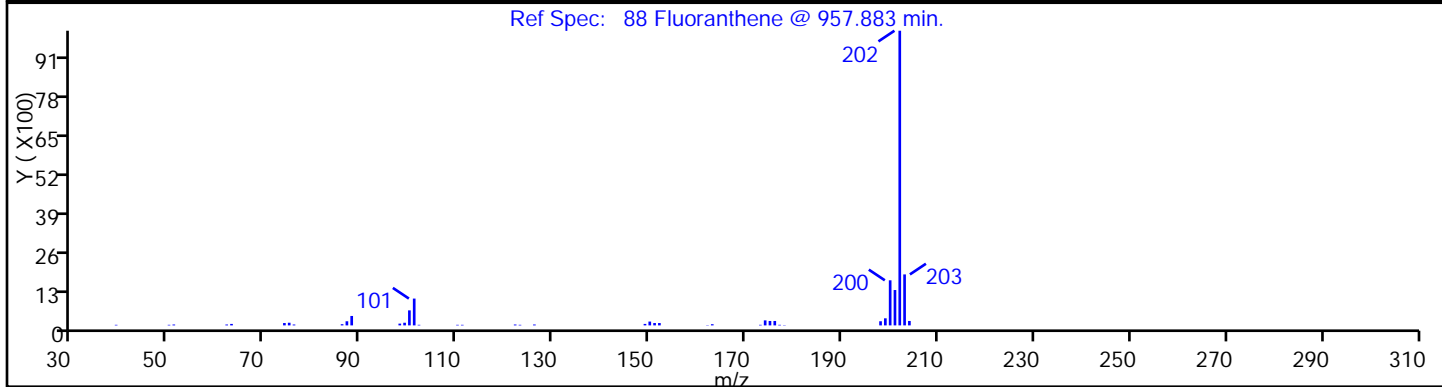
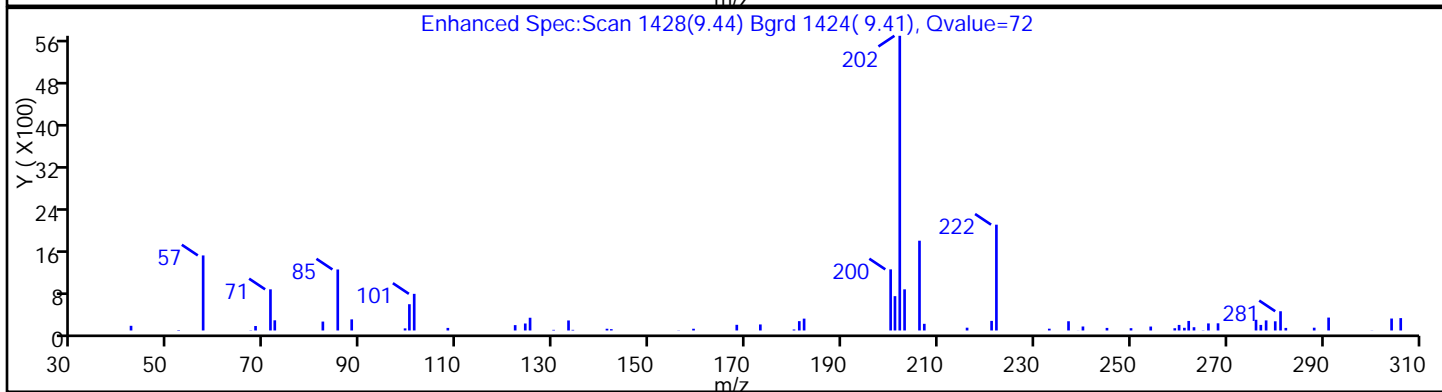
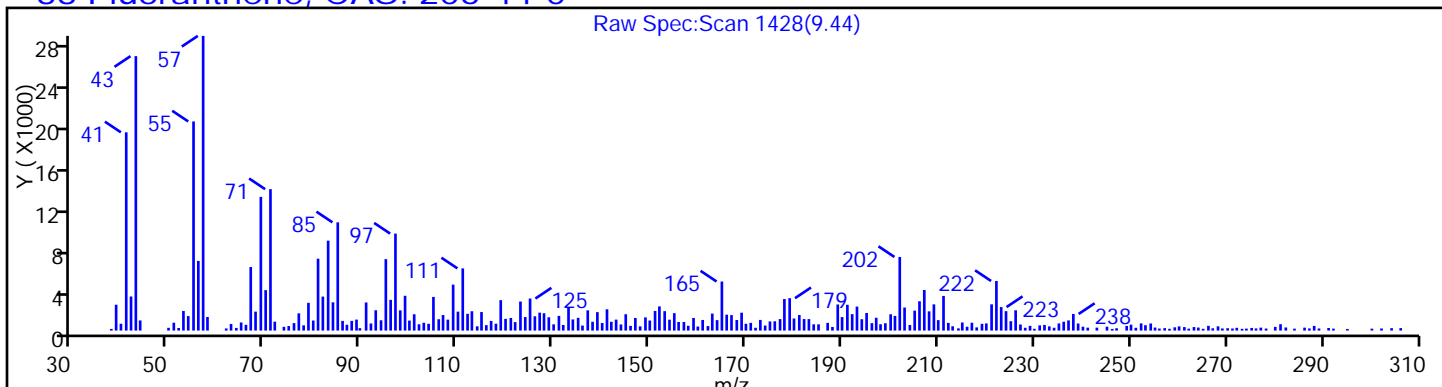
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

88 Fluoranthene, CAS: 206-44-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

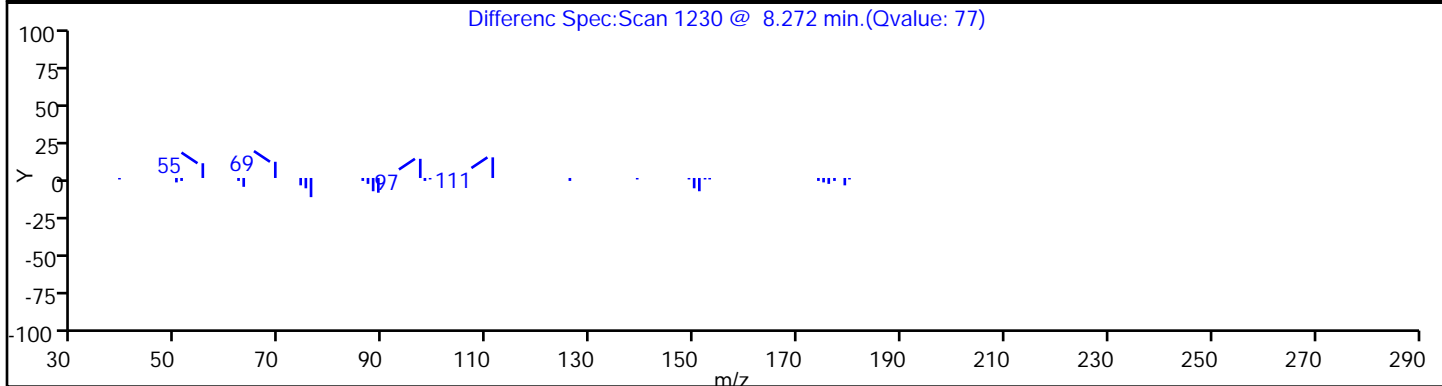
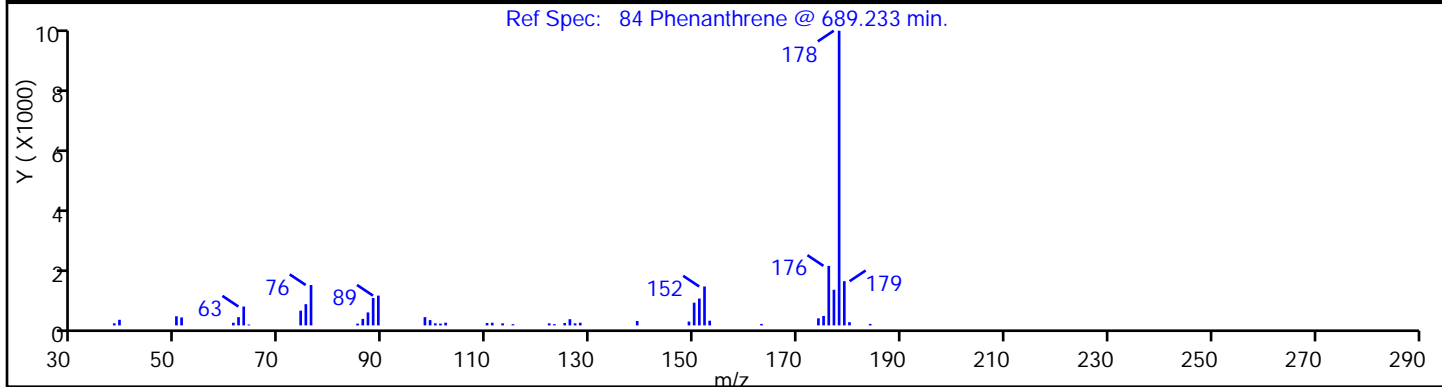
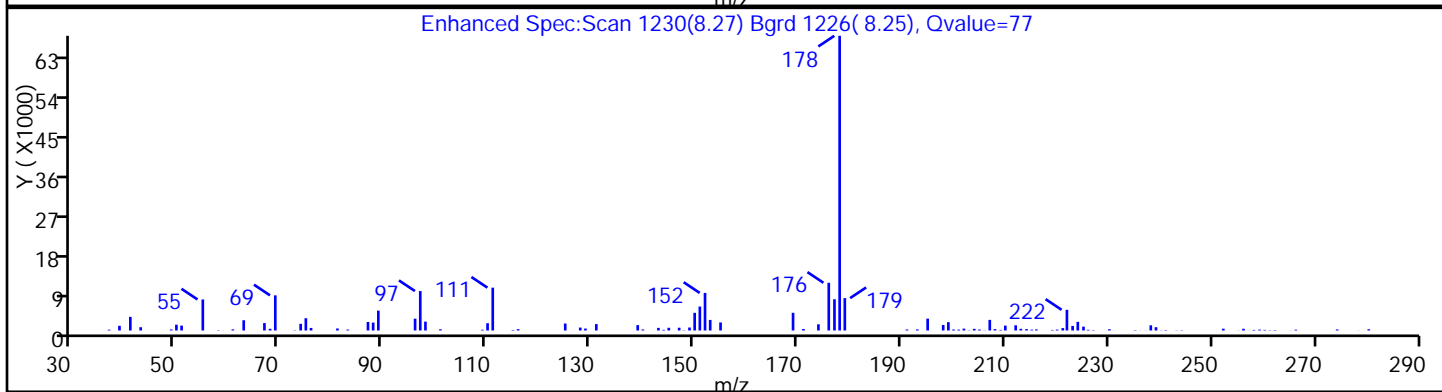
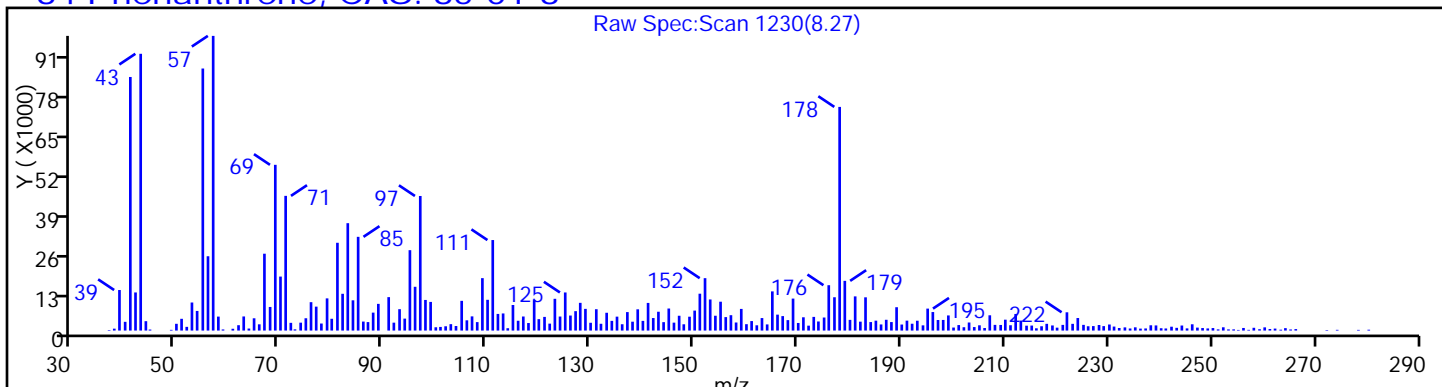
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

84 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

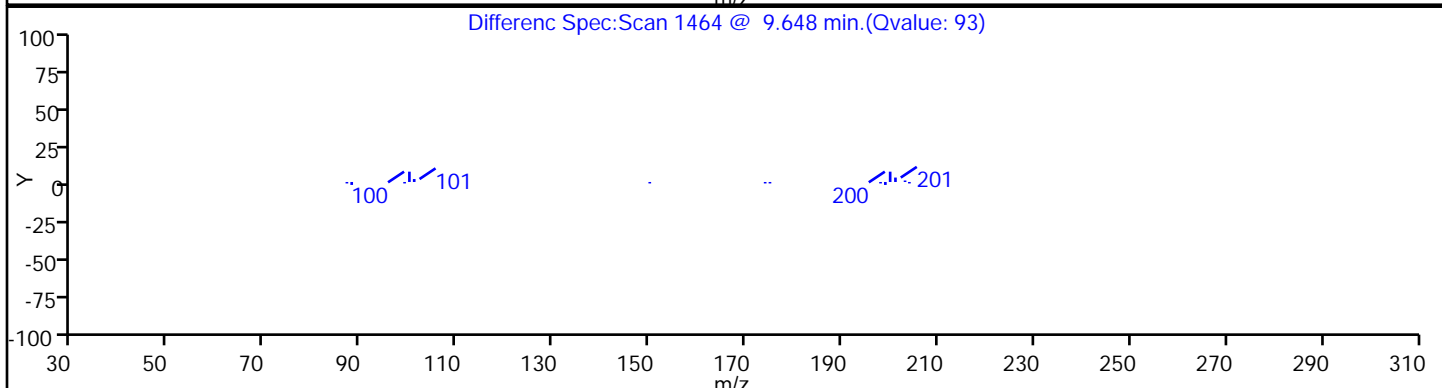
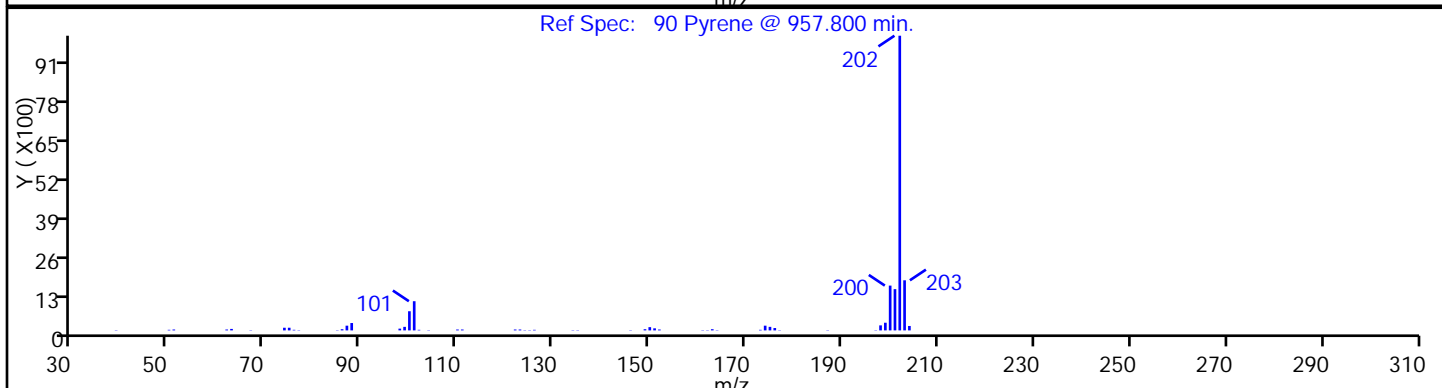
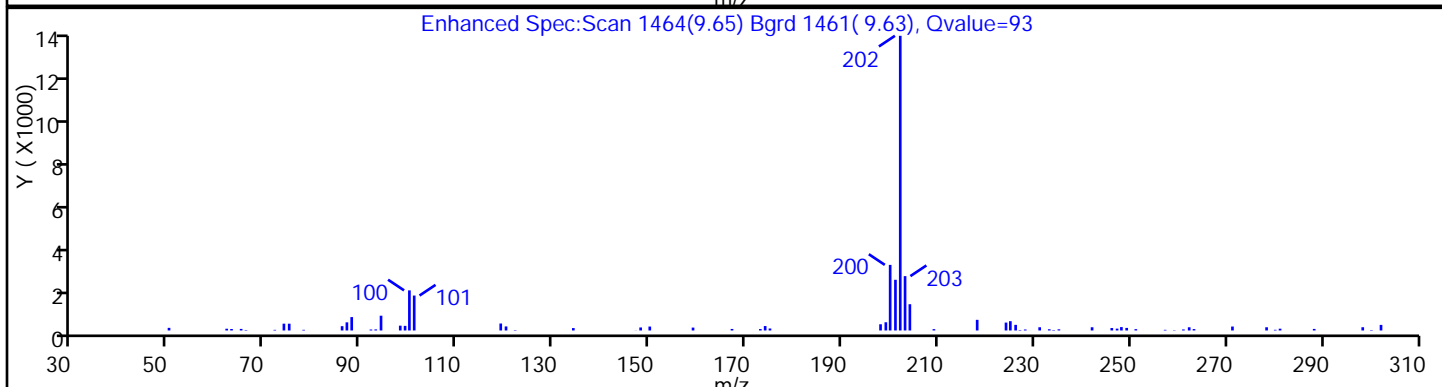
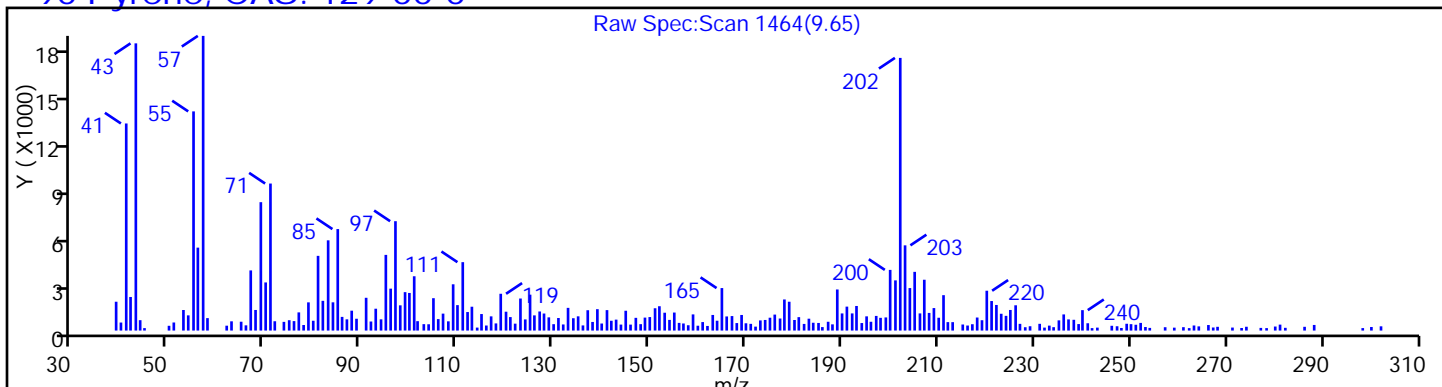
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

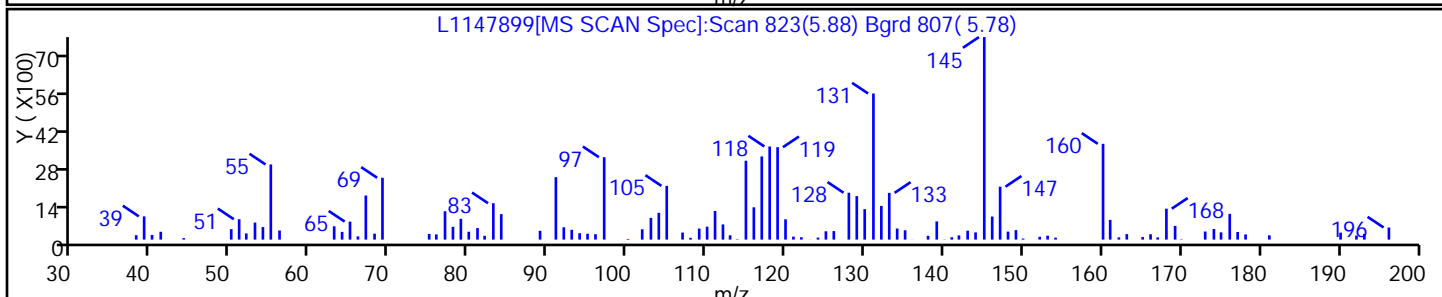
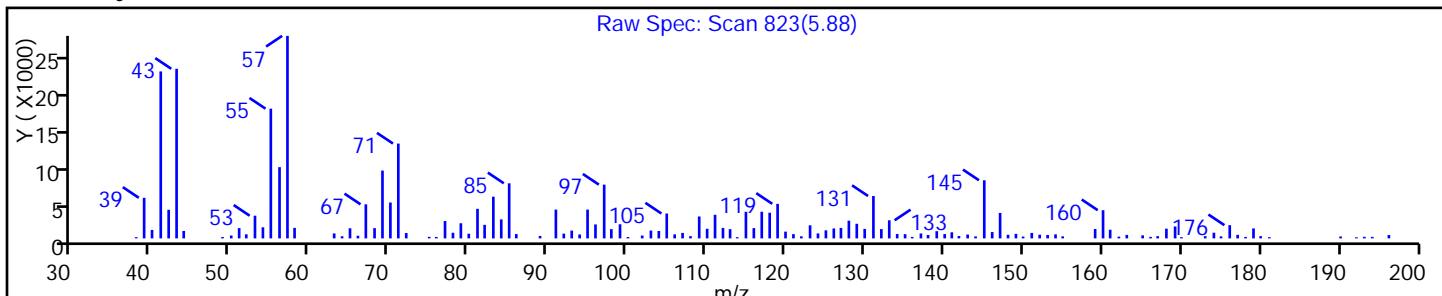
Dil. Factor: 2.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

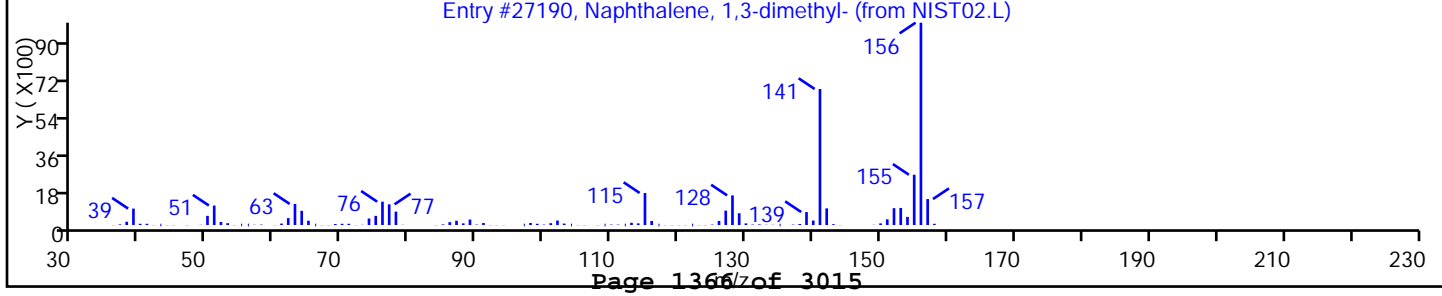
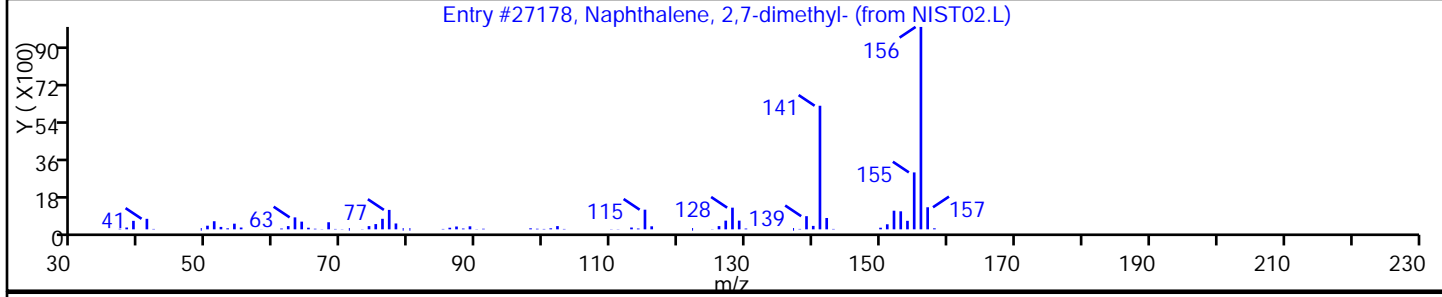
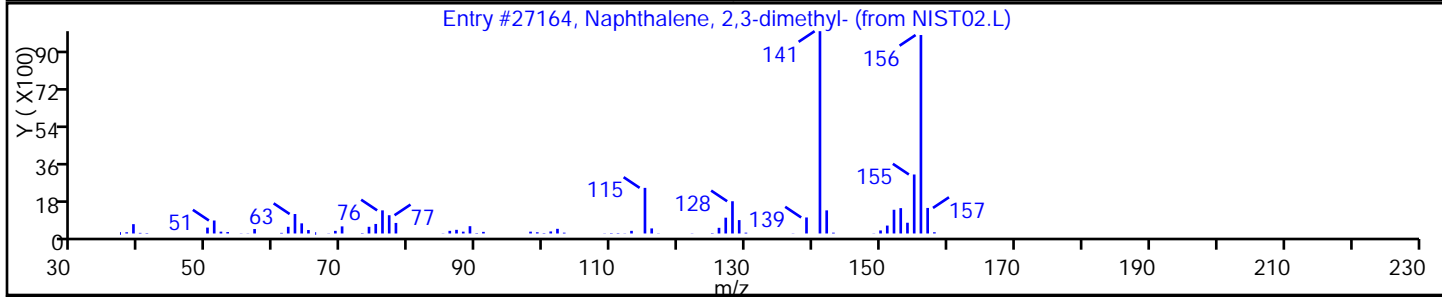
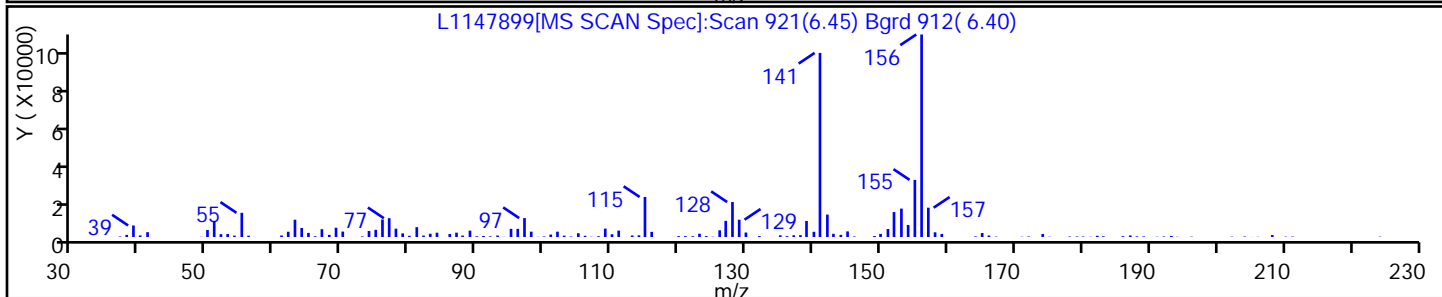
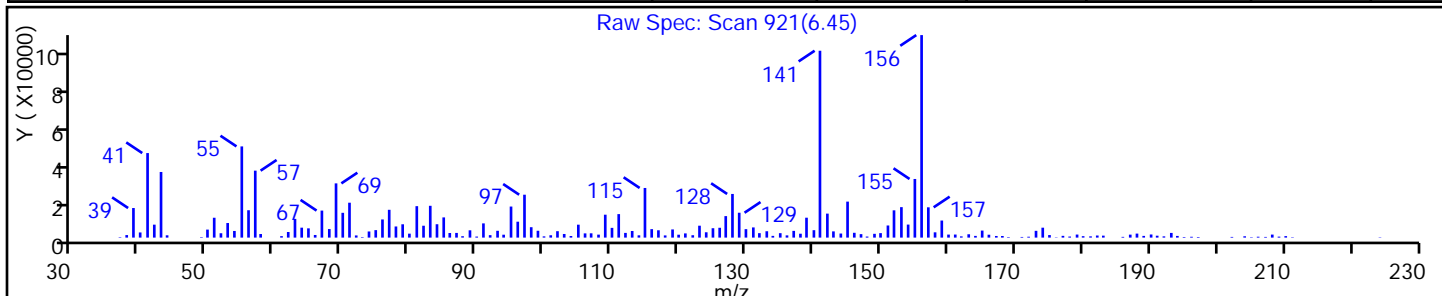
Method: 8270_12R

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	97
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.L	27178	C12H12	156	97
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.L	27190	C12H12	156	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

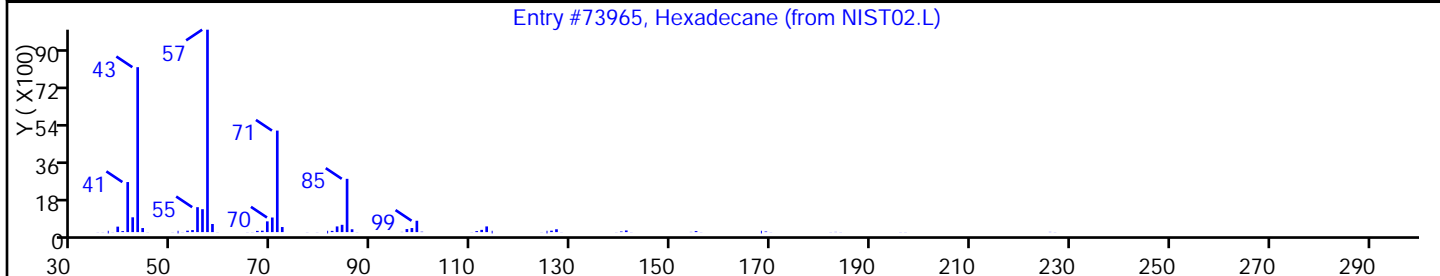
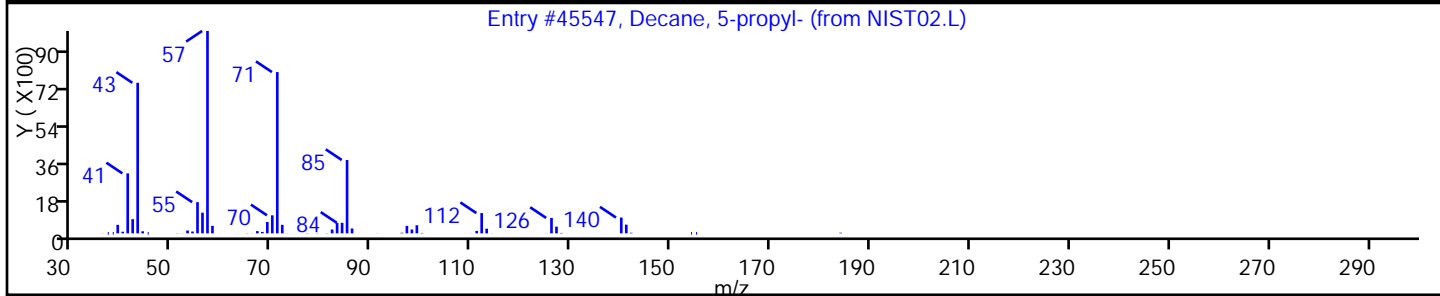
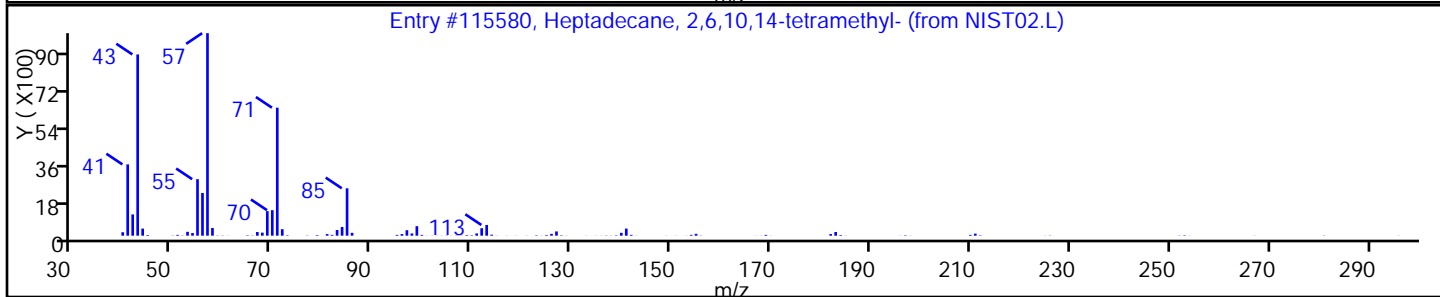
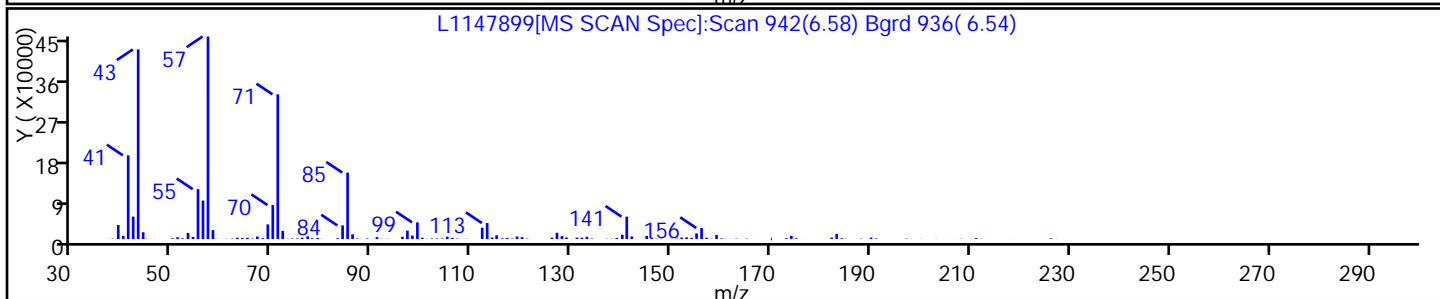
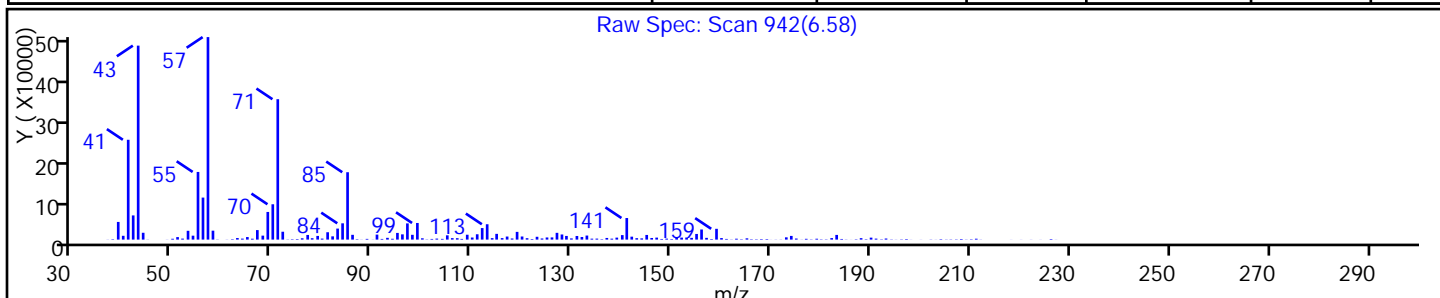
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C ₂₁ H ₄₄	296	86
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C ₁₃ H ₂₈	184	83
Hexadecane	544-76-3	NIST02.L	73965	C ₁₆ H ₃₄	226	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

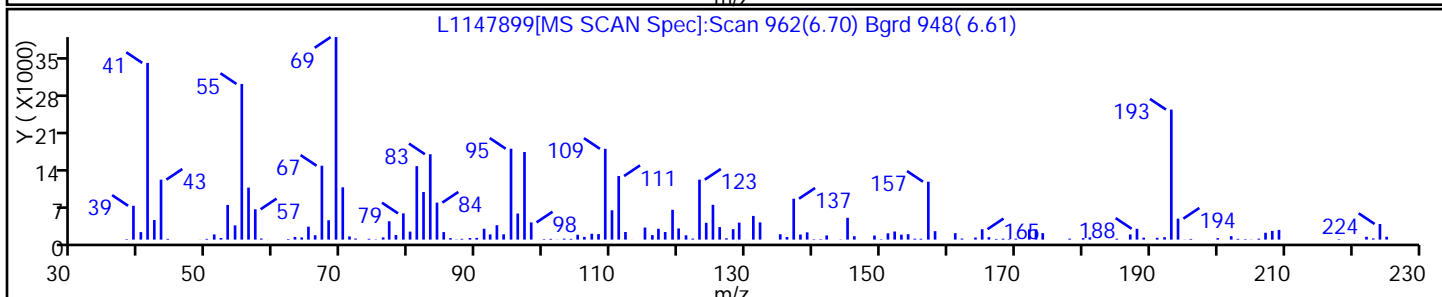
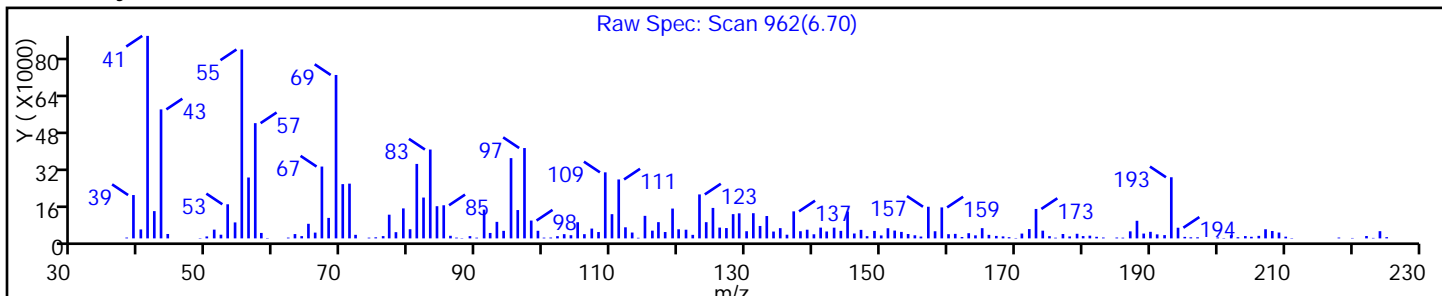
Dil. Factor: 2.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

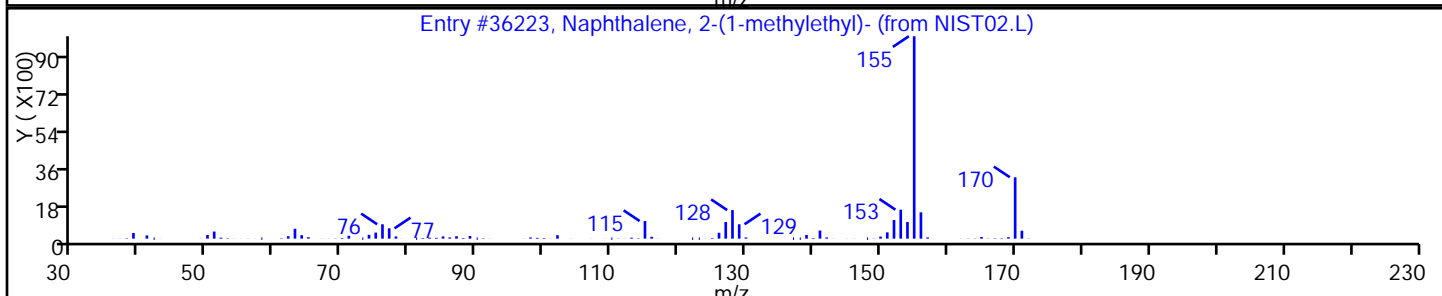
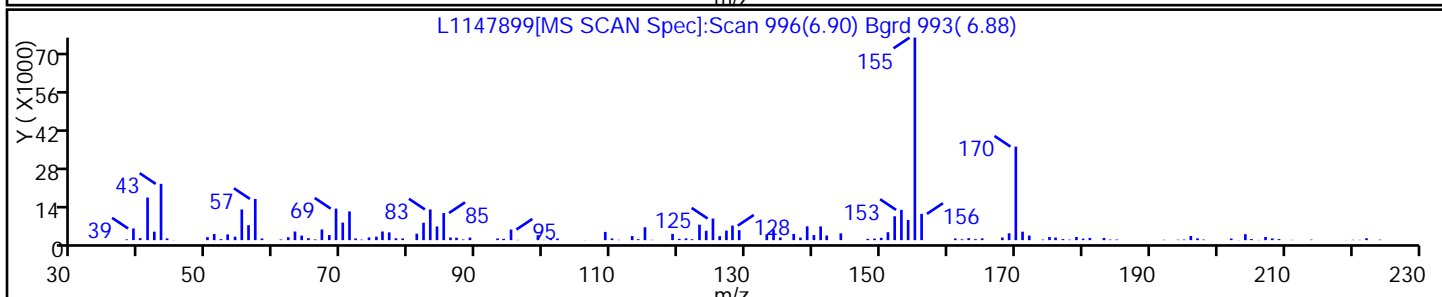
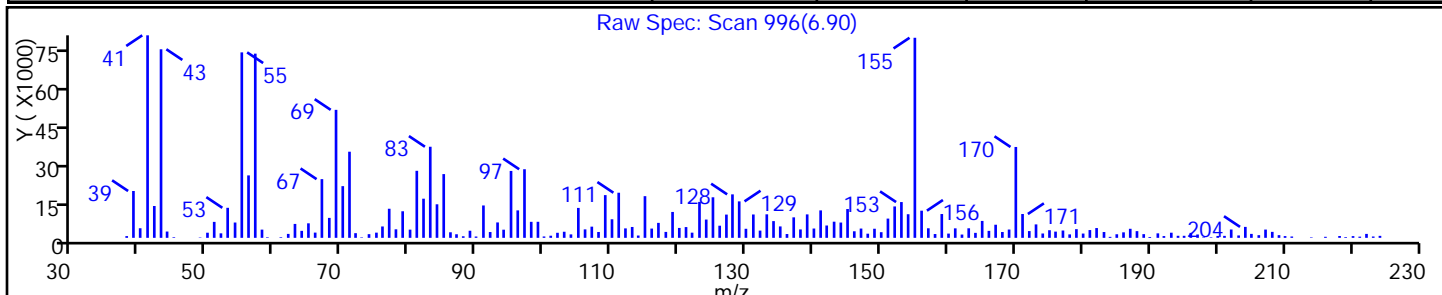
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-(1-methylethyl)-	2027-17-0	NIST02.L	36223	C13H14	170	91



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

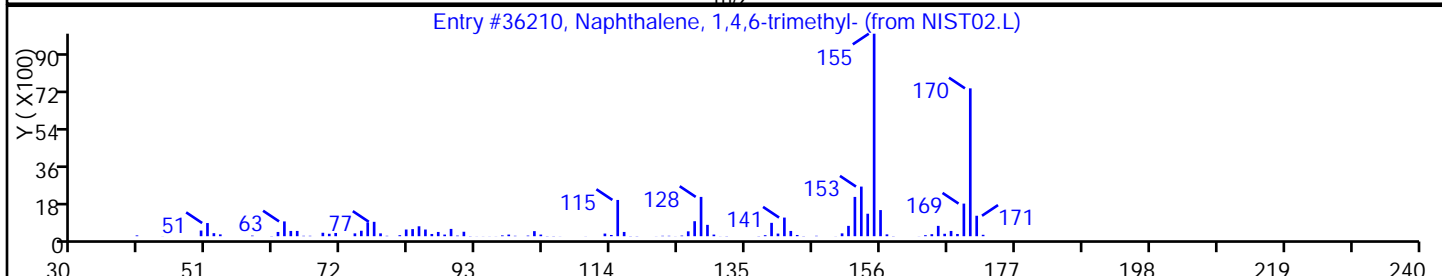
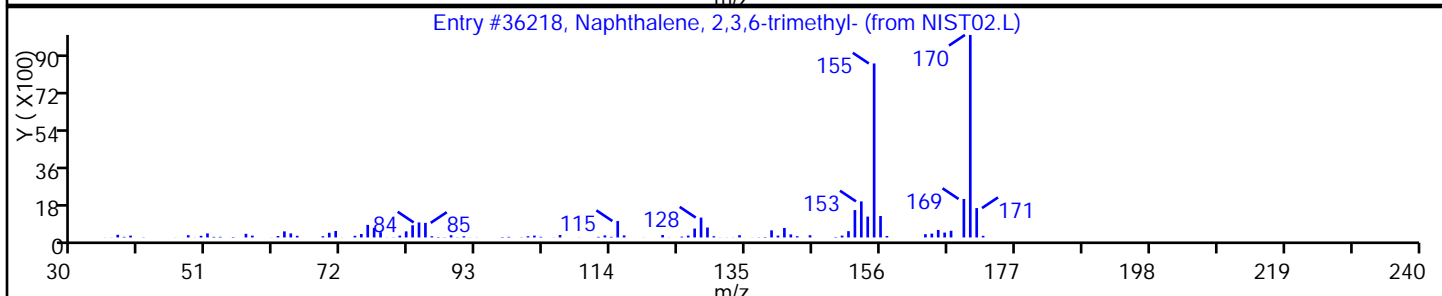
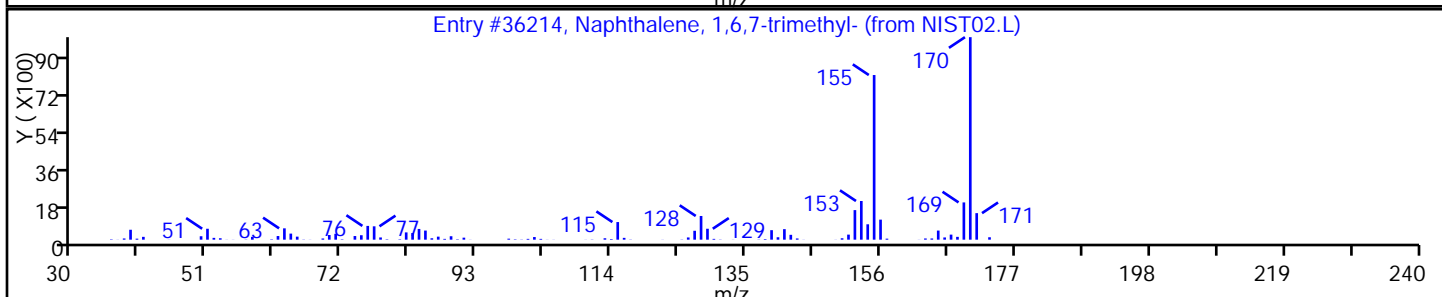
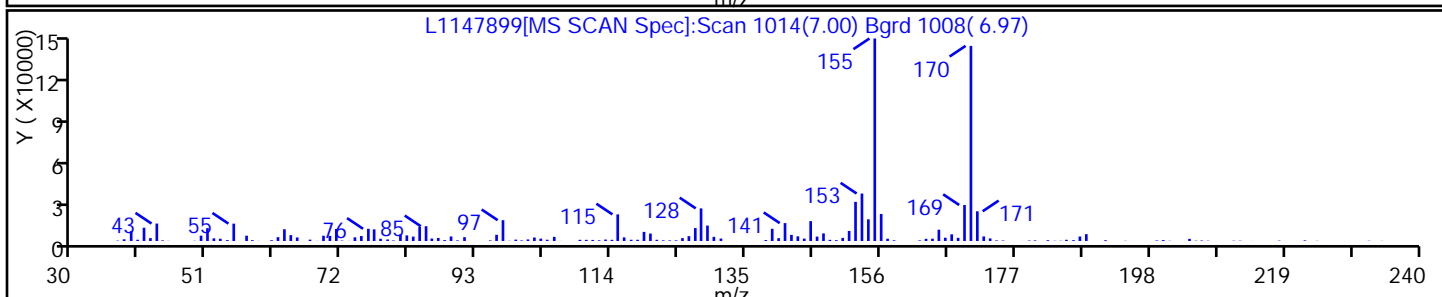
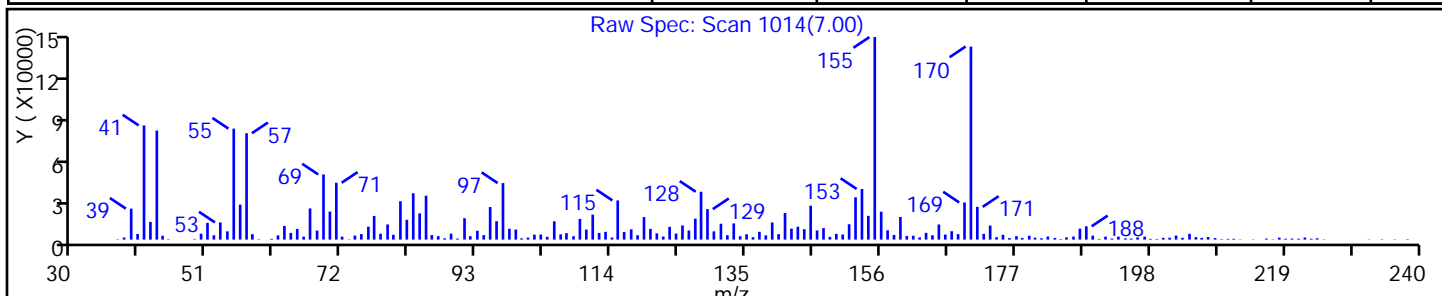
Method: 8270_12R

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	36214	C13H14	170	98
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36218	C13H14	170	97
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	96



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

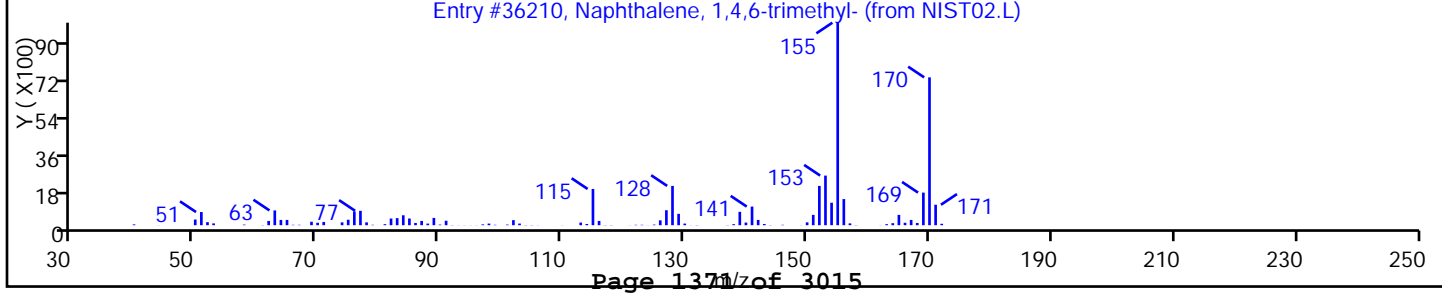
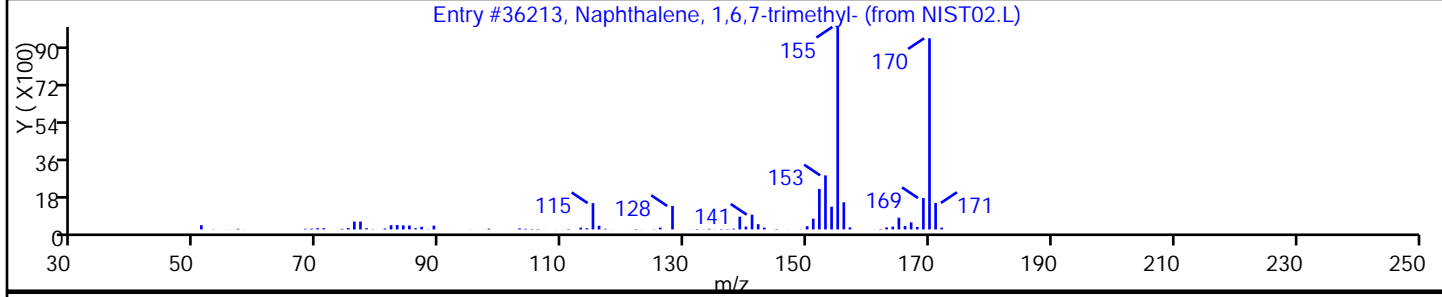
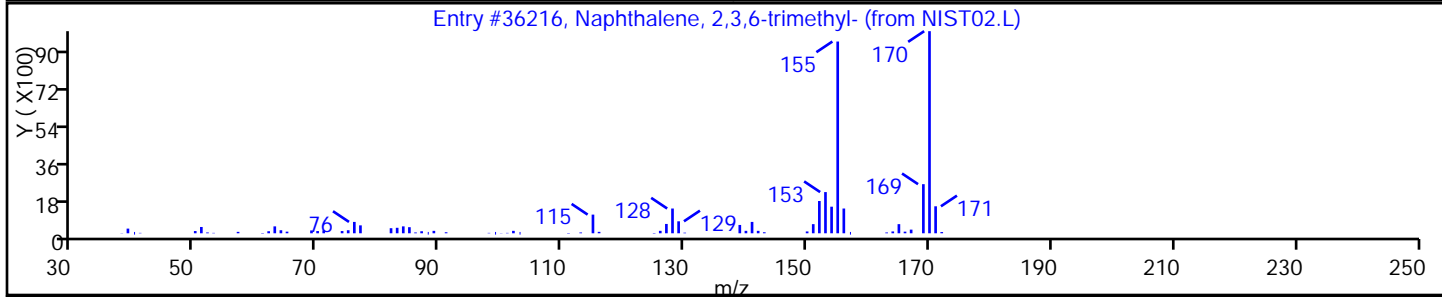
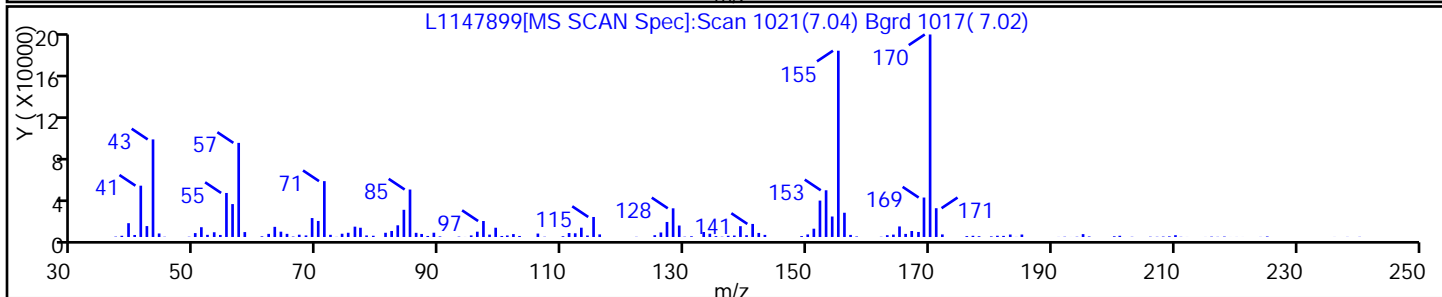
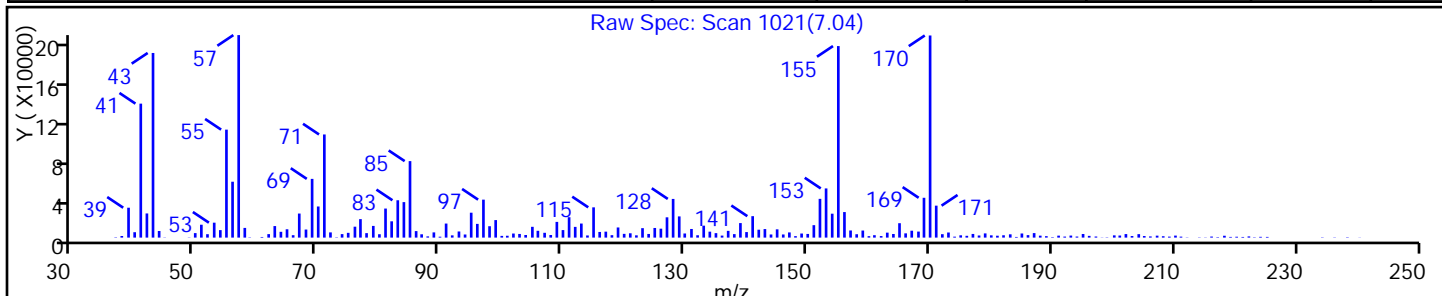
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	98
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	96



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

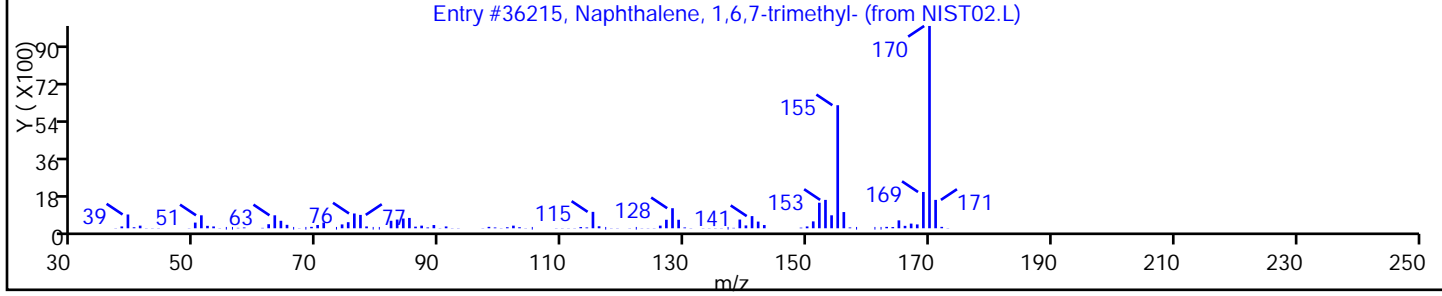
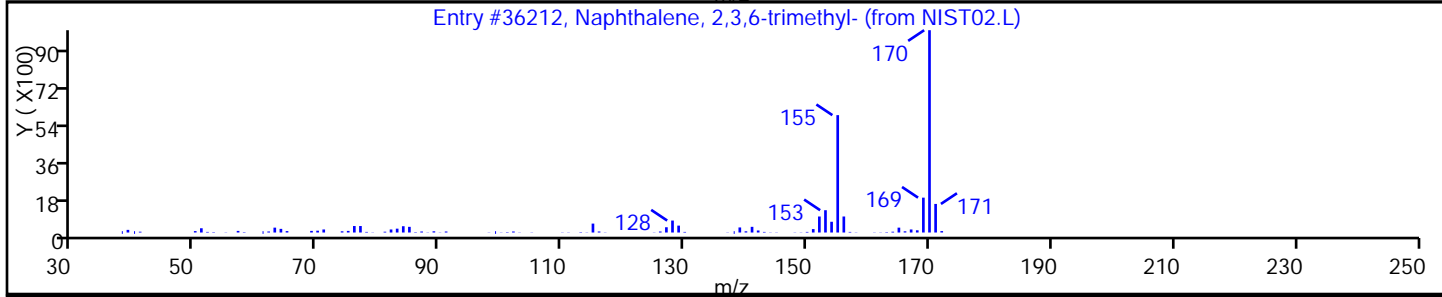
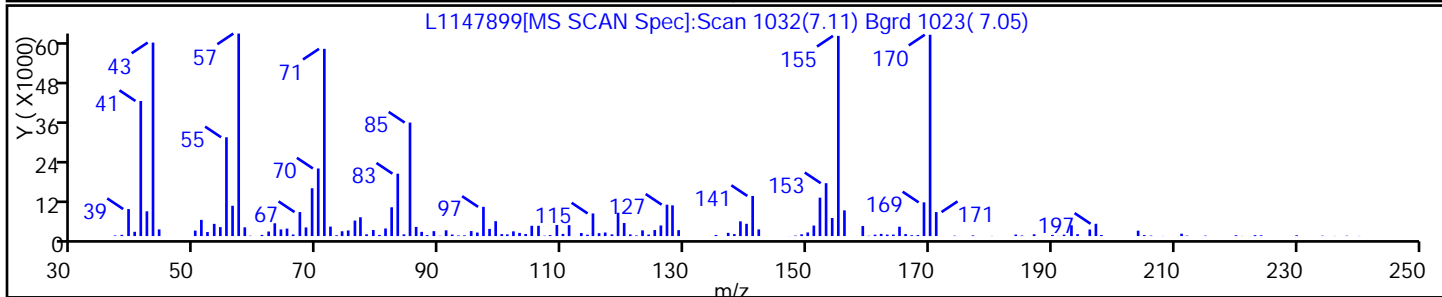
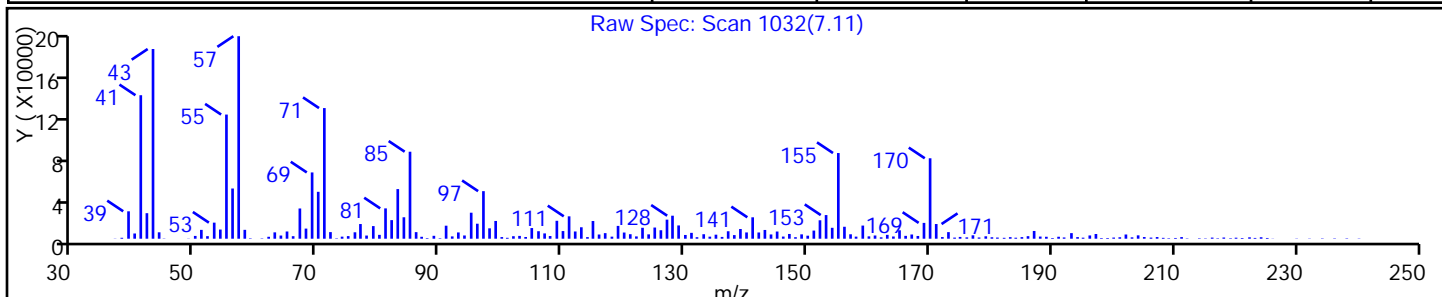
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	C13H14	170	90
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36215	C13H14	170	86



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

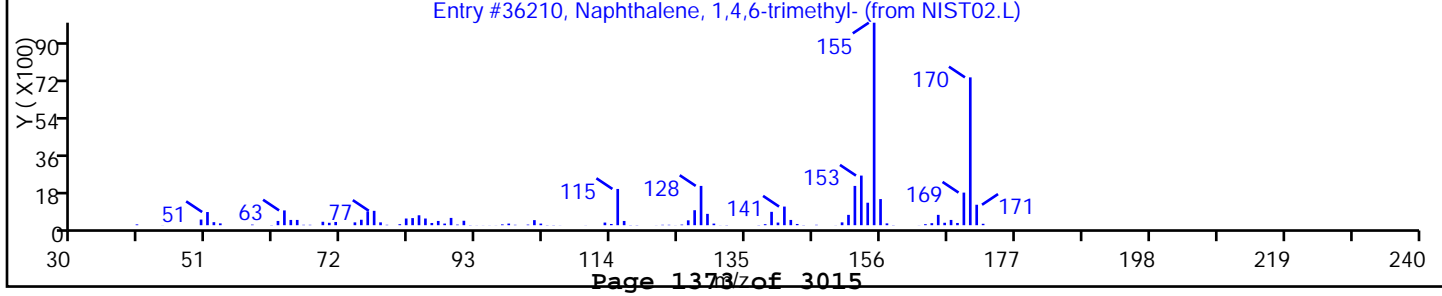
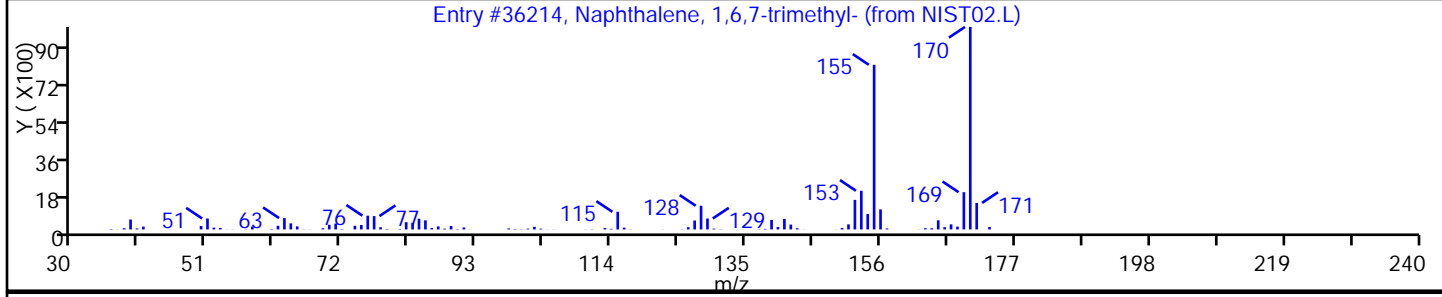
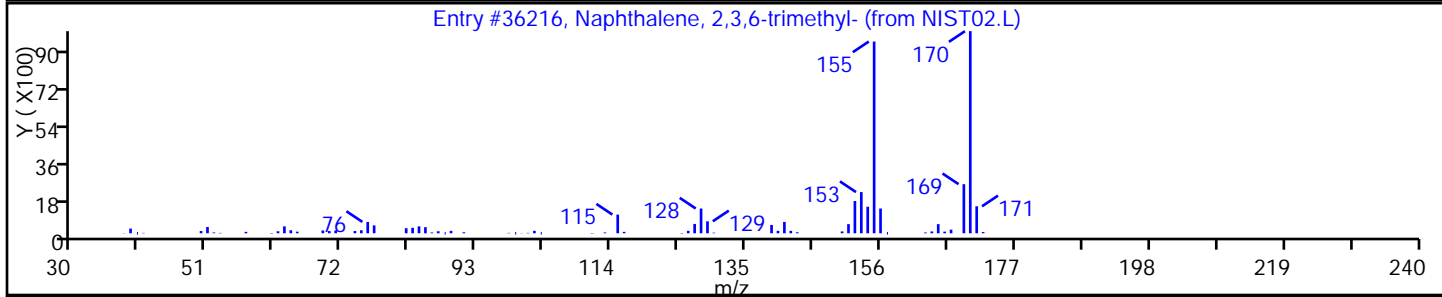
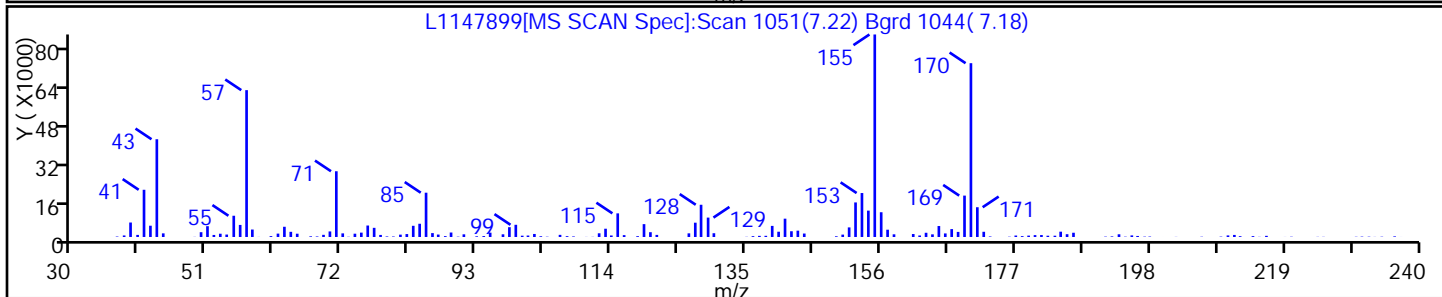
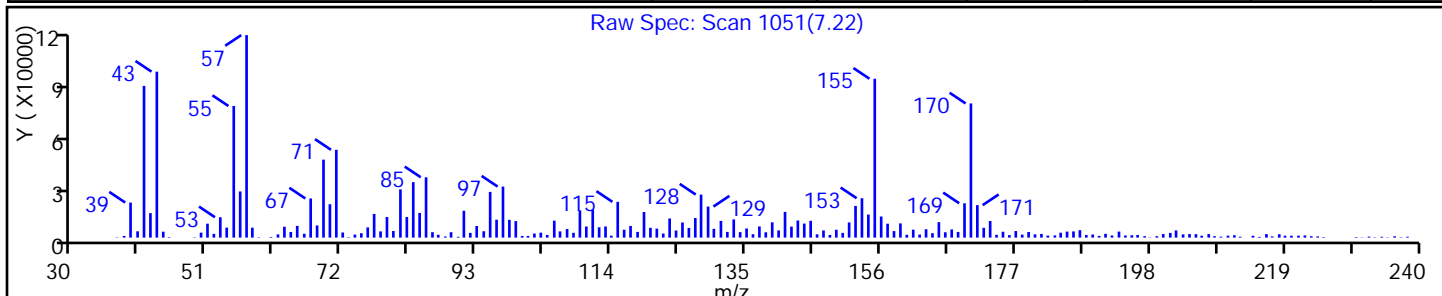
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	98
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	96
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	95



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

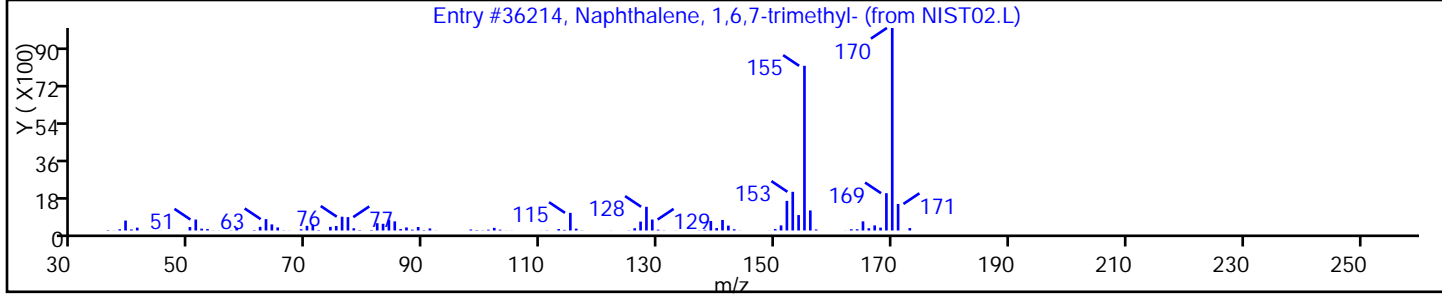
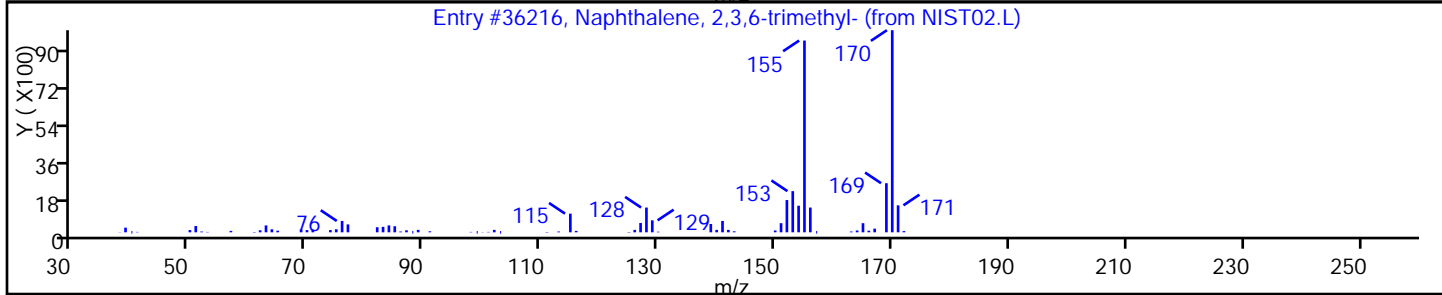
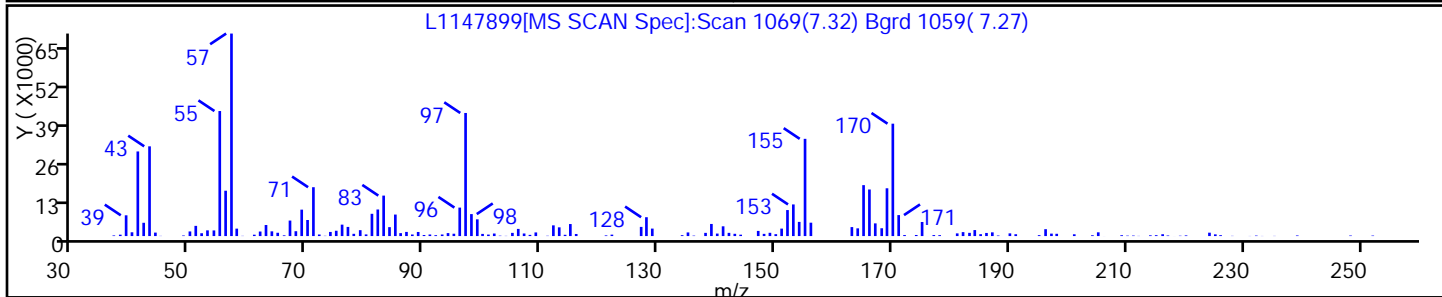
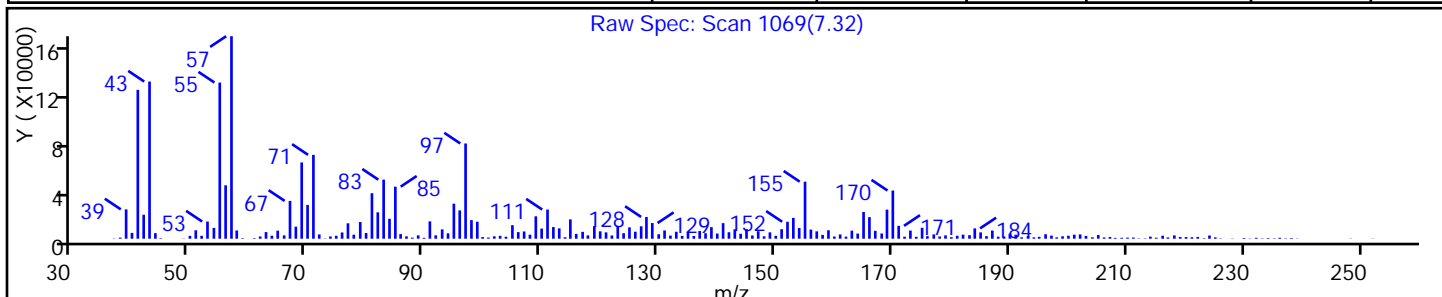
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36216	C13H14	170	95
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36214	C13H14	170	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

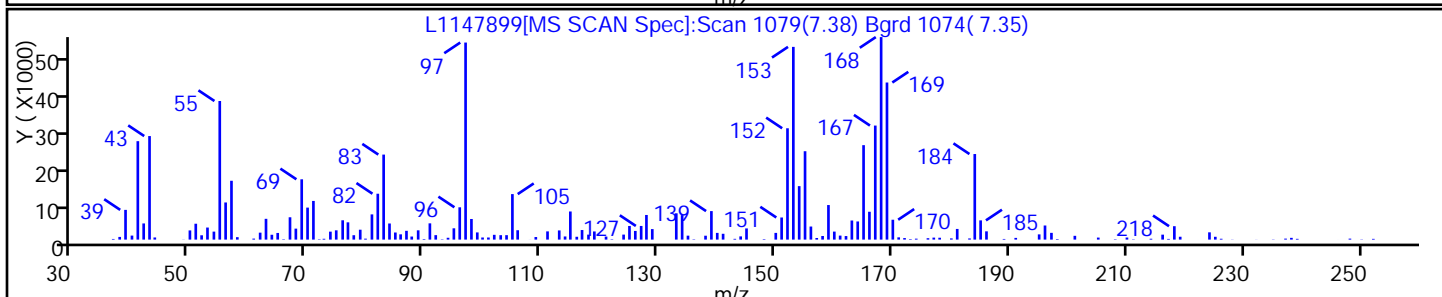
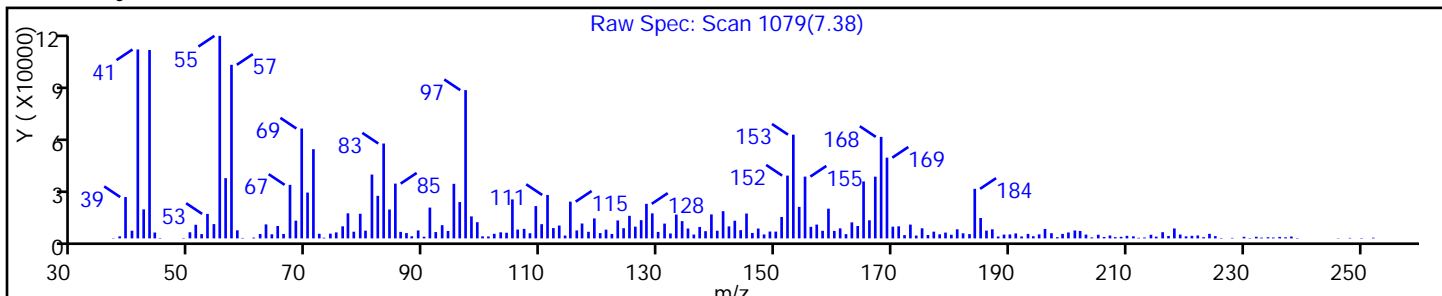
Dil. Factor: 2.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

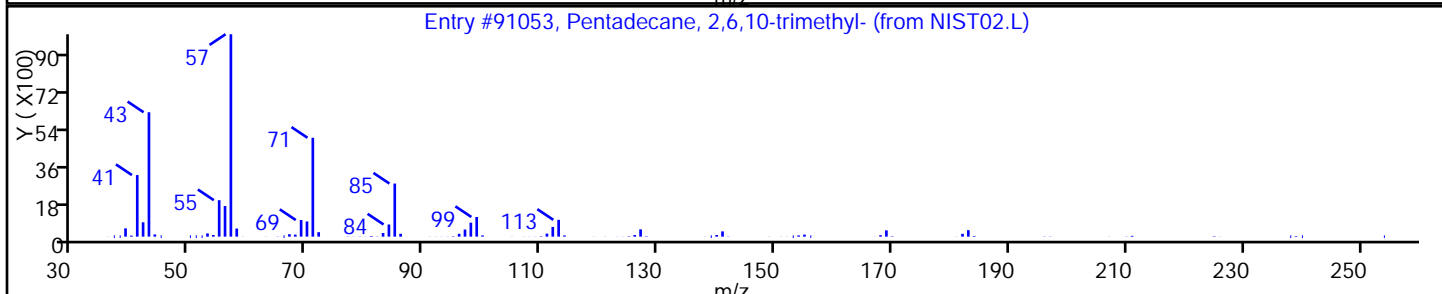
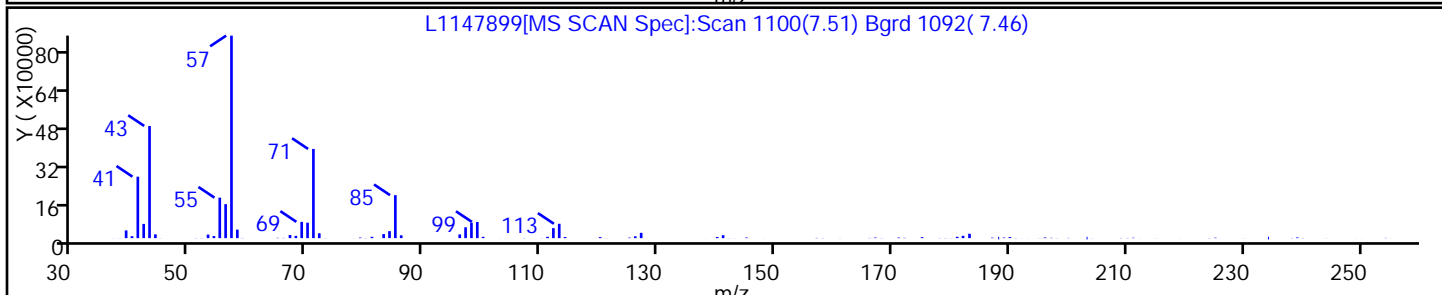
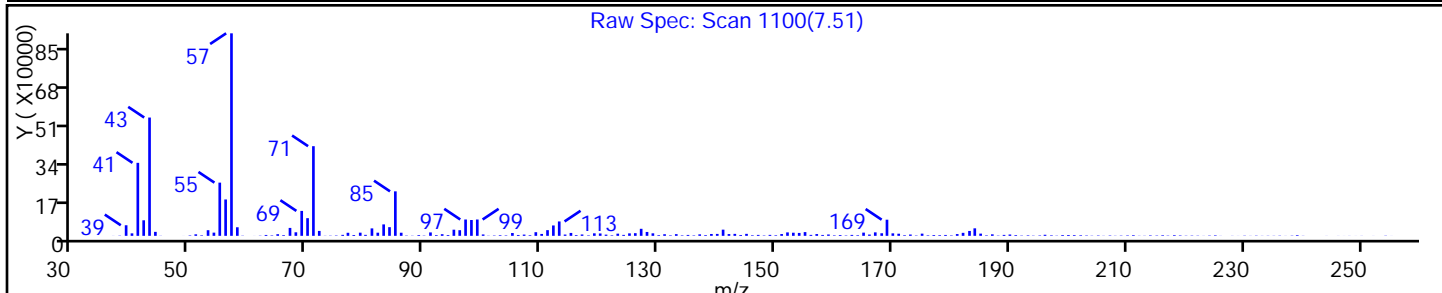
Method: 8270_12R

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

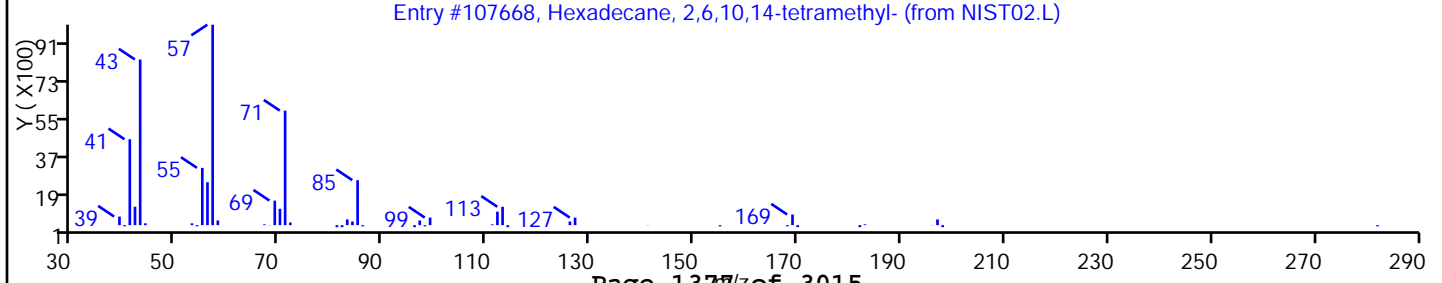
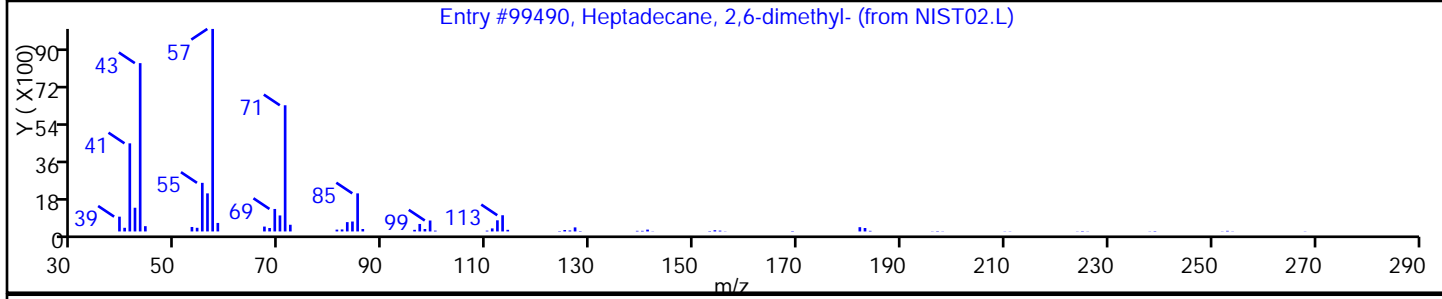
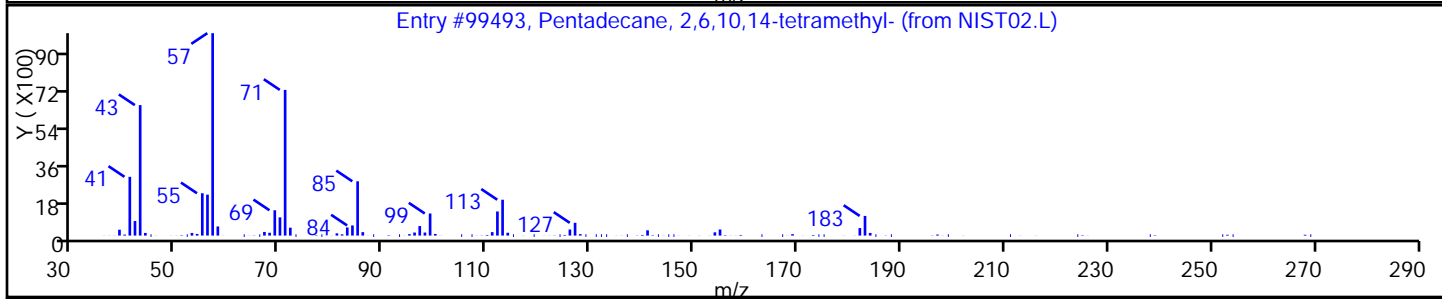
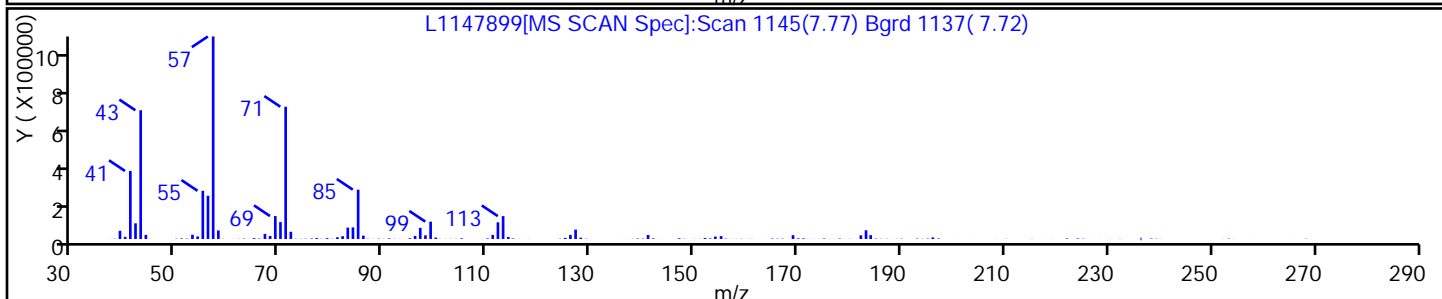
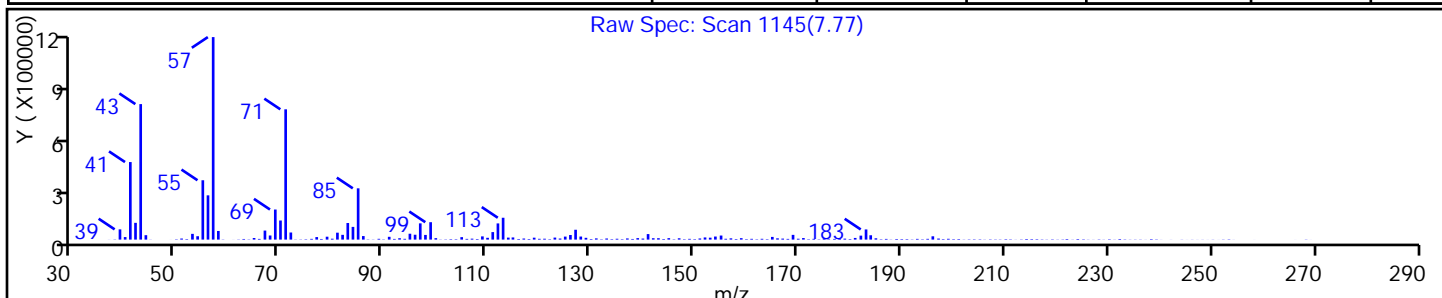
Method: 8270_12R

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	96
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	93
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107668	C20H42	282	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

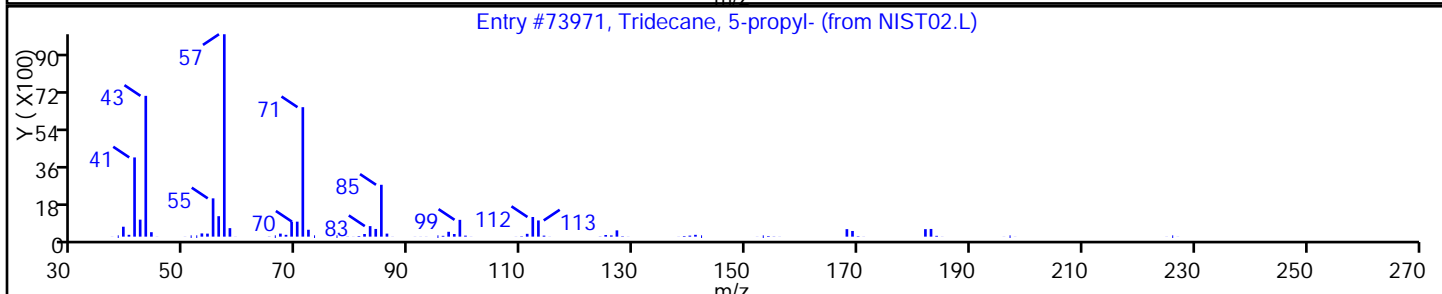
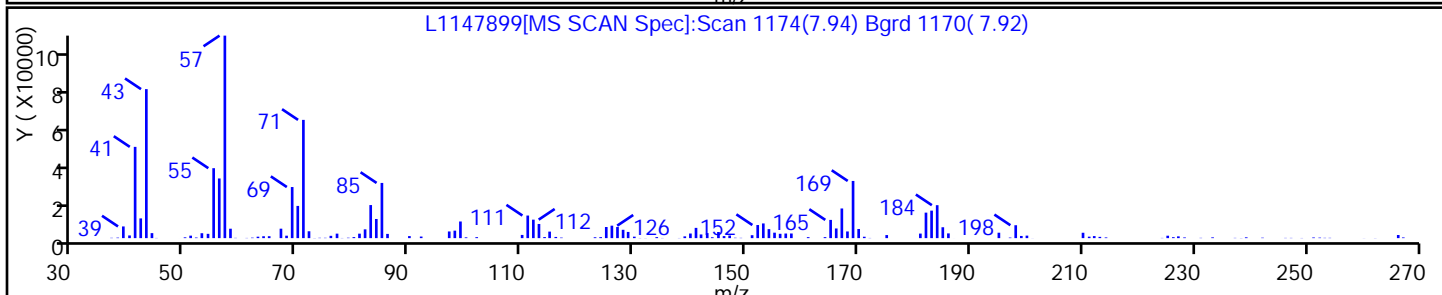
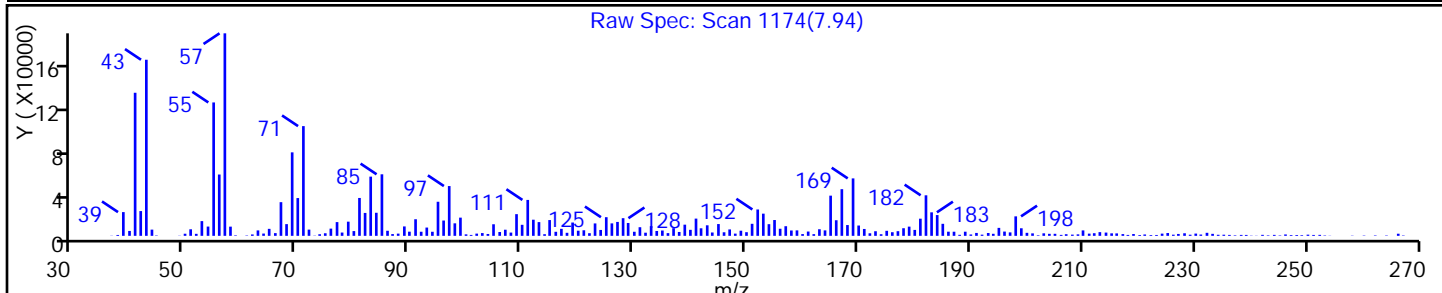
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147899.D

Injection Date: 12-Mar-2014 12:28:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID: BNA 12

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

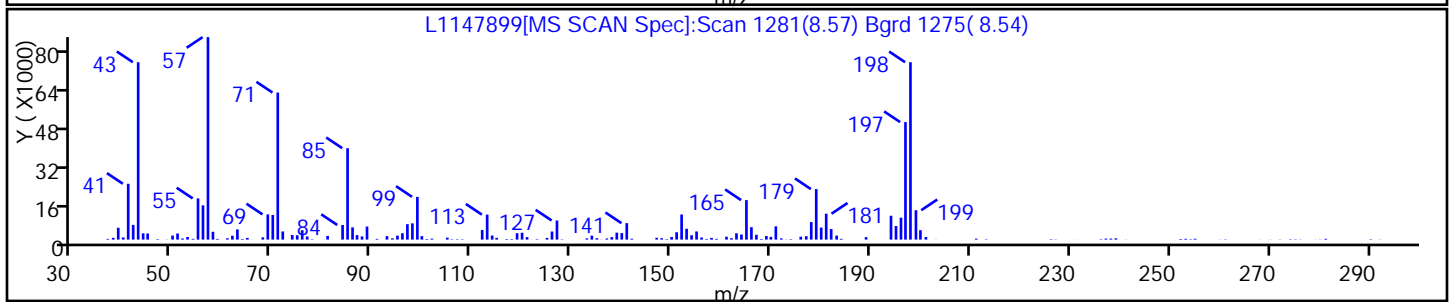
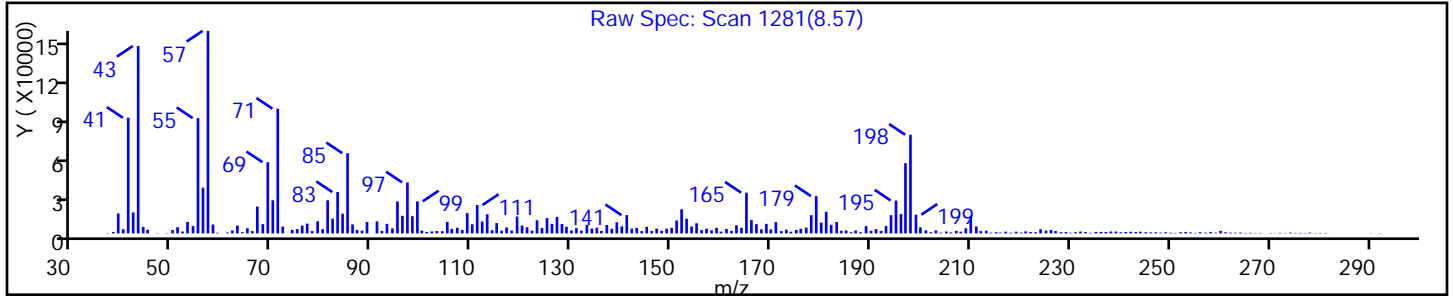
Dil. Factor: 2.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: L1147900.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 12:53
 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.: 212016 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	5.3	U	38	5.3
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	50	U	380	50
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	46	U	380	46
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: L1147900.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 12:53
 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.: 212016 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	65	J	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	48	U	380	48
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	60	U	380	60
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	46	U	380	46
85-01-8	Phenanthrene	350	J	380	49
87-86-5	Pentachlorophenol	120	U	780	120
129-00-0	Pyrene	40	J	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	29	U	380	29
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	4.9	U	38	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	380	140
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: L1147900.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 12:53
 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.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		40-106
4165-62-2	Phenol-d5	87		44-104
1718-51-0	Terphenyl-d14	109		41-145
118-79-6	2,4,6-Tribromophenol	77		19-114
367-12-4	2-Fluorophenol	81		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: L1147900.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 12:53
 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.: 212016 Units: ug/Kg
 Number TICs Found: 15 TIC Result Total: 11310

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.10	560	J N
2245-38-7	Naphthalene, 1,6,7-trimethyl-	7.21	510	J N
112-40-3	Dodecane	7.33	540	J N
	Unknown	7.37	750	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.49	1600	J N
529-05-5	Azulene, 7-ethyl-1,4-dimethyl-	7.70	500	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	7.75	2500	J N
	Unknown	7.89	660	J
629-62-9	Pentadecane	7.93	610	J N
132-65-0	Dibenzothiophene	8.11	410	J N
593-49-7	Heptacosane	8.56	670	J N
4860-03-1	Hexadecane, 1-chloro-	8.65	540	J N
610-48-0	Anthracene, 1-methyl-	8.77	700	J N
1207-15-4	2,8-Dimethyldibenzo(b,d)thiophene	9.05	400	J N
2789-88-0	di-p-Tolylacetylene	9.32	360	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D
 Lims ID: 460-72180-E-7-A Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:53:30 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-017
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 07:24:30

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.460	2.437	0.023	93	141177	40.7	
\$ 6 Phenol-d5	99	3.366	3.372	-0.006	68	175674	43.4	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	96	122754	40.0	
\$ 25 Nitrobenzene-d5	82	4.289	4.295	-0.006	93	139729	42.9	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	100	422313	40.0	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	25	935	0.1451	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	276726	49.0	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	172933	40.0	
70 Fluorene	166	7.325	7.325	0.0	84	4288	0.8358	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	90	32016	38.5	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	98	211346	40.0	
84 Phenanthrene	178	8.260	8.266	-0.006	97	25096	4.55	
90 Pyrene	202	9.648	9.648	0.0	75	2120	0.5108	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	99	166159	54.3	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	143778	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	98	146779	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D
 Lims ID: 460-72180-E-7-A Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:53:30 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-017
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 Calib Date: 05-Mar-2014 23:36:30
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 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: asfawa Date: 13-Mar-2014 07:24:30

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
7.095	2131-42-2 135373	Naphthalene, 1,4,6-trimethyl- 7.26	61	97	36210	C13H14	170	
7.213	2245-38-7 123128	Naphthalene, 1,6,7-trimethyl- 6.60	61	98	36213	C13H14	170	
7.325	112-40-3 129392	Dodecane 6.94	61	86	36157	C12H26	170	
7.366	Unknown 179617	9.63	61					
7.489	3892-00-0 393558	Pentadecane, 2,6,10-trimethyl- 21.1	61	90	91053	C18H38	254	
7.701	529-05-5 168362	Azulene, 7-ethyl-1,4-dimethyl- 6.41	83	95	45639	C14H16	184	
7.754	1921-70-6 832804	Pentadecane, 2,6,10,14-tetramethyl- 31.7	83	90	99492	C19H40	268	
7.889	Unknown 223490	8.51	83					
7.930	629-62-9 207492	Pentadecane 7.90	83	83	64573	C15H32	212	
8.113	132-65-0 138656	Dibenzothiophene 5.28	83	90	45492	C12H8S	184	
8.560	593-49-7 226046	Heptacosane 8.61	83	80	151555	C27H56	380	
8.648	4860-03-1 183725	Hexadecane, 1-chloro- 7.00	83	81	94519	C16H33Cl	260	

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
610-48-0	Anthracene, 1-methyl-							
8.766	235705	8.98	83	94	50617	C15H12	192	
1207-15-4	2,8-Dimethyldibenzo(b,d)thiophene							
9.054	134816	5.13	83	86	64447	C14H12S	212	
2789-88-0	di-p-Tolylacetylene							
9.319	120707	4.60	83	94	60333	C16H14	206	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	6.778	745863	40.0
* 83 Phenanthrene-d10	8.236	1050393	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Worklist Smp#: 17

Client ID: PMP-16SW-SI

Injection Vol: 1.0 ul

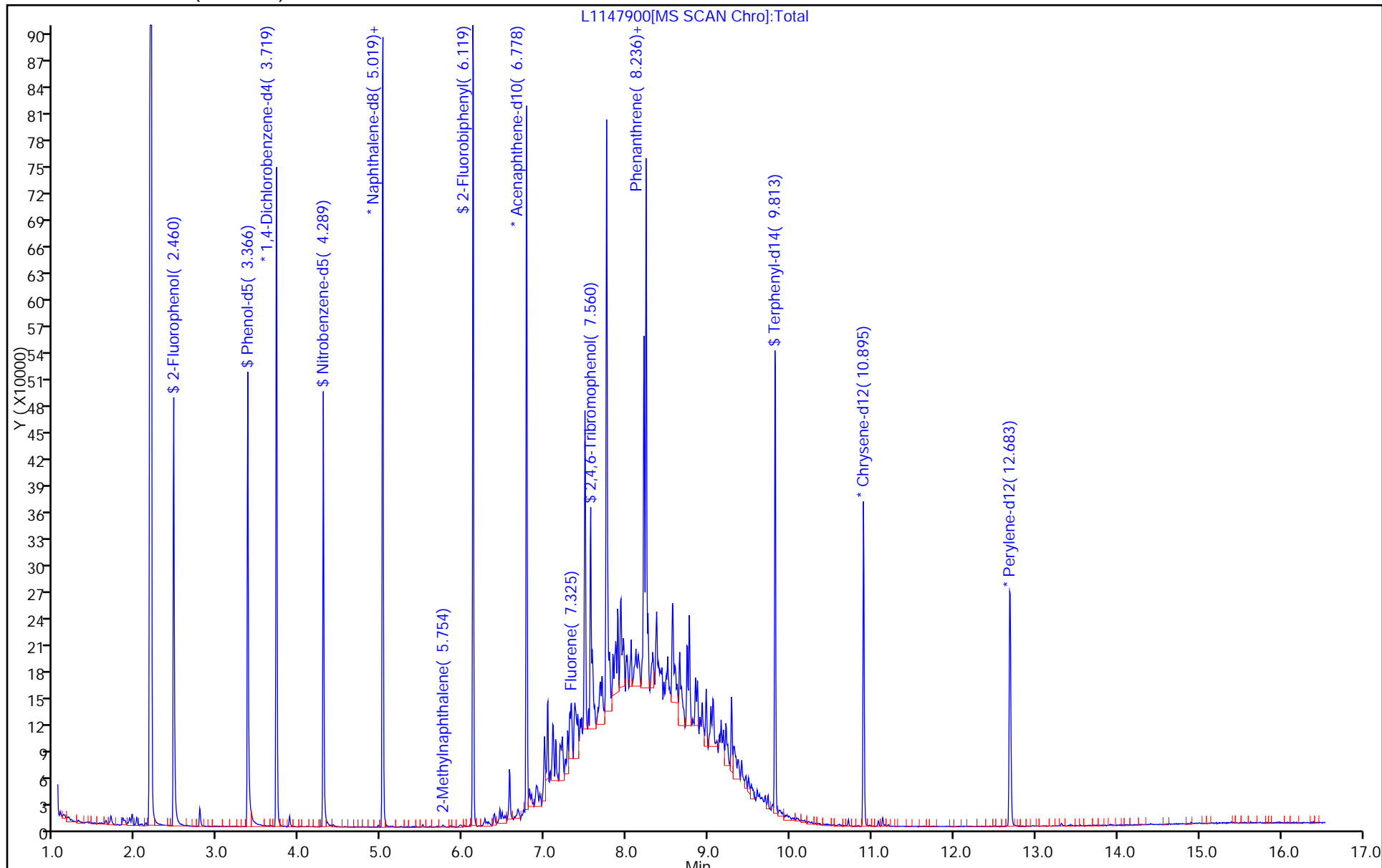
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

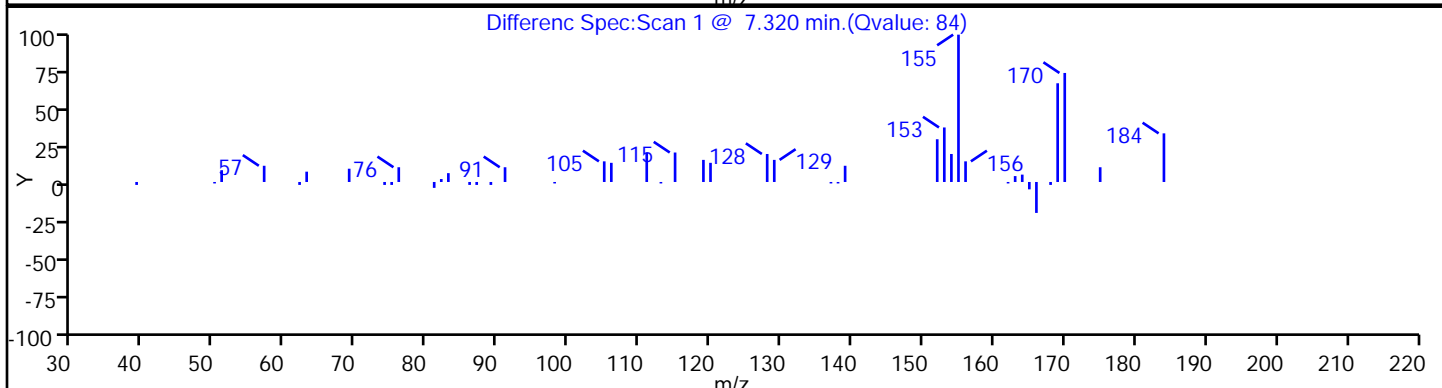
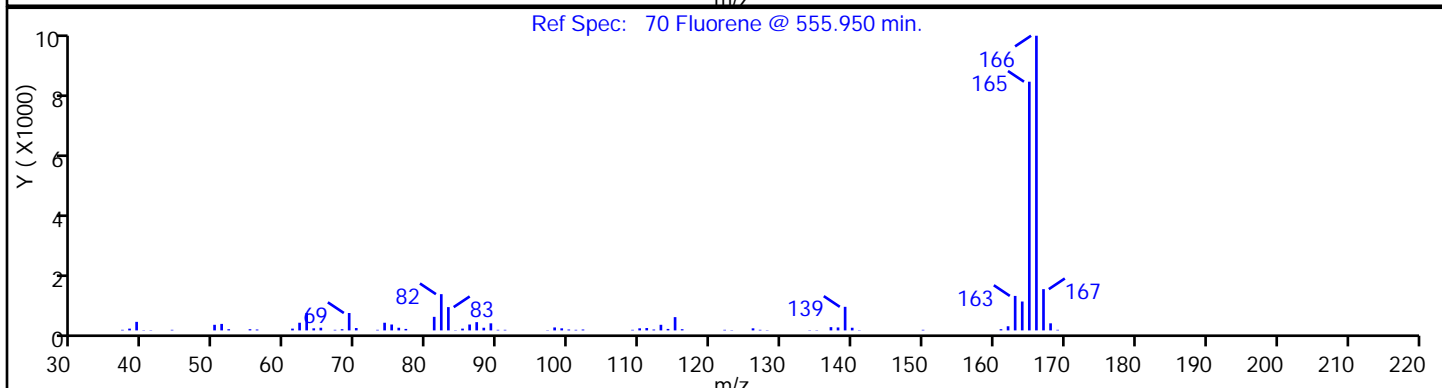
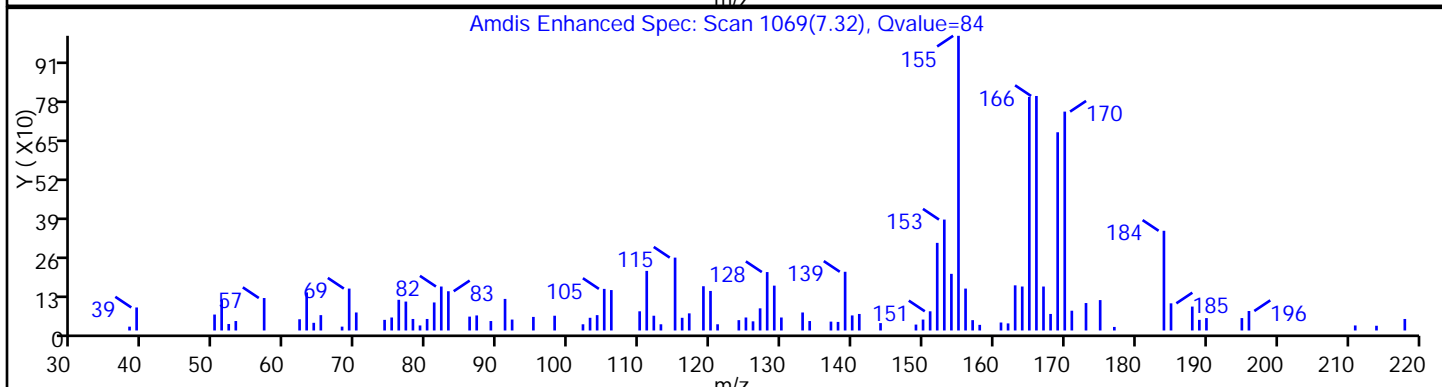
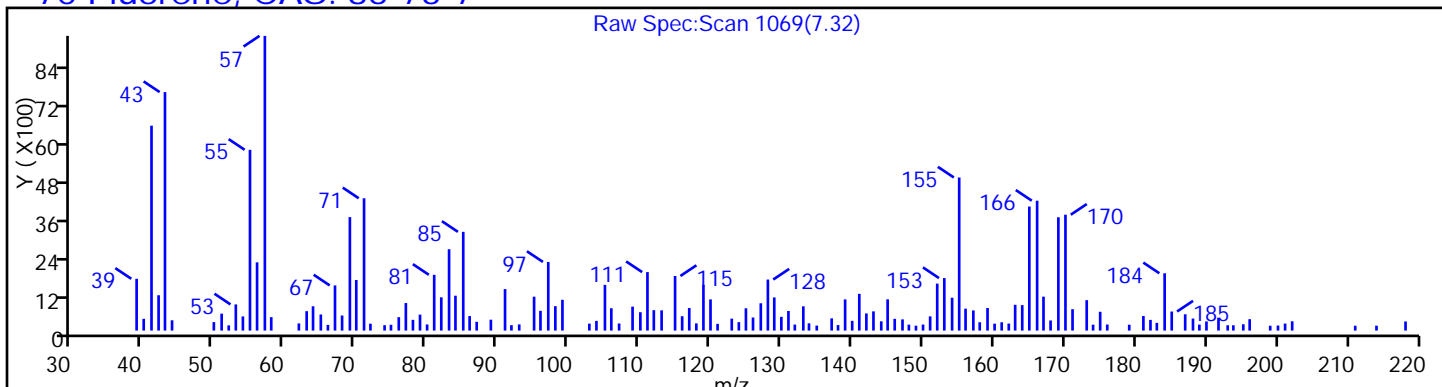
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

70 Fluorene, CAS: 86-73-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

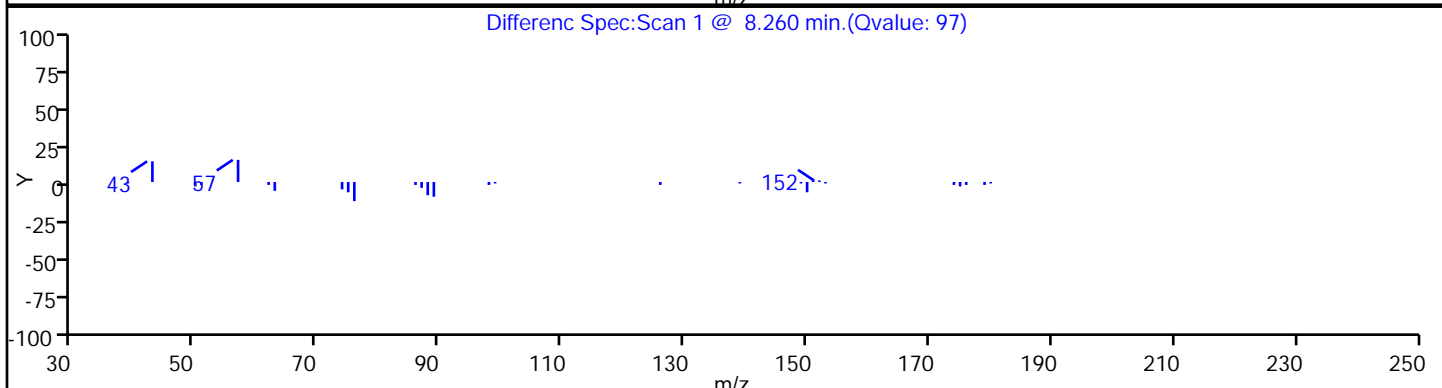
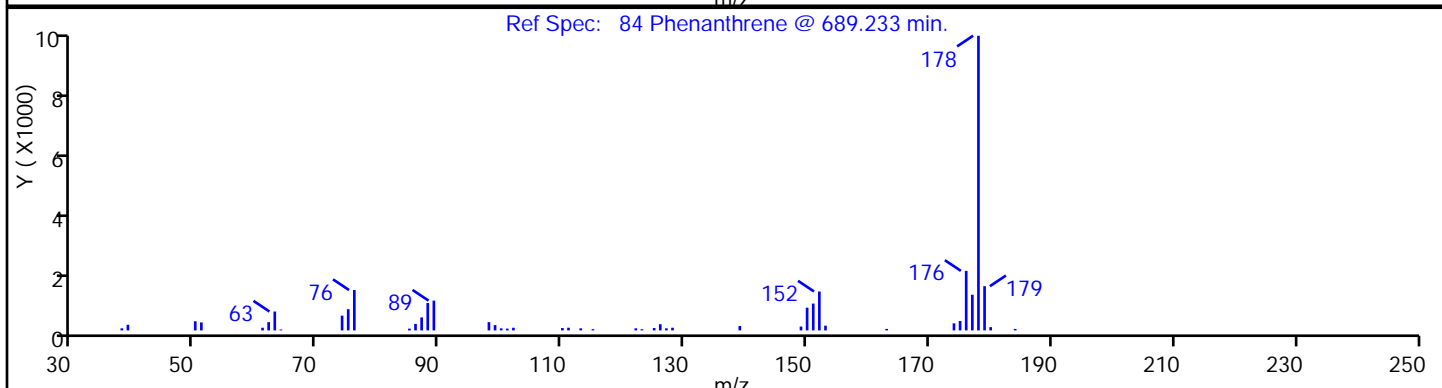
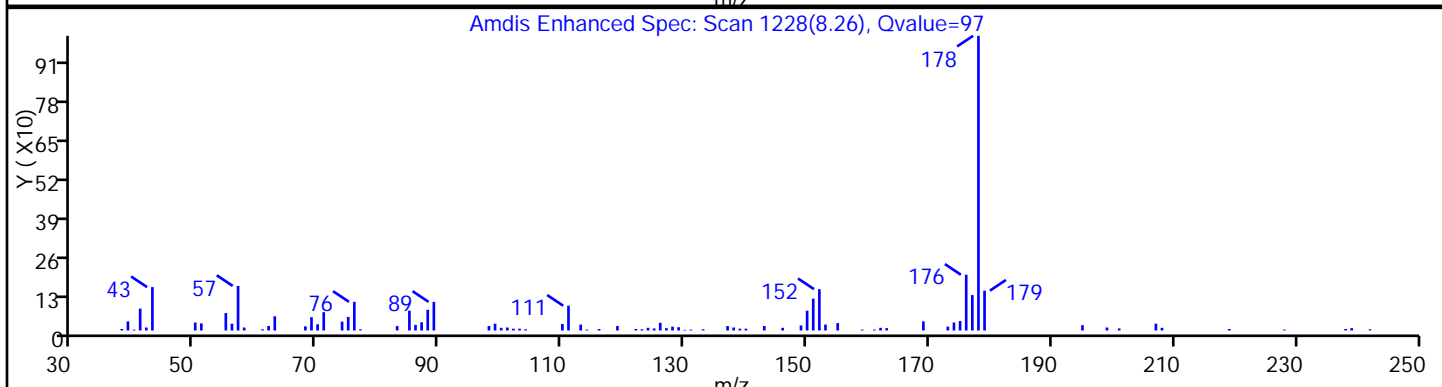
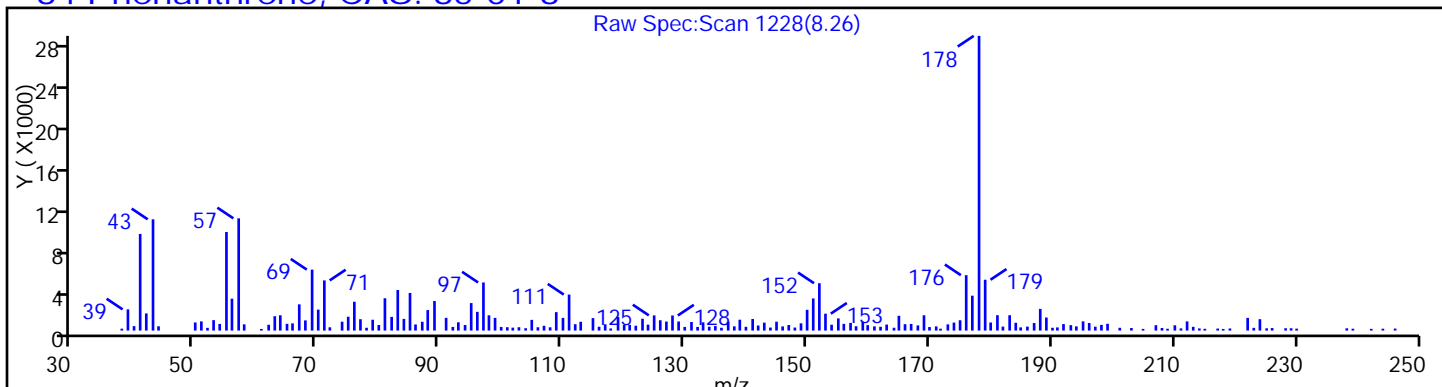
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

84 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

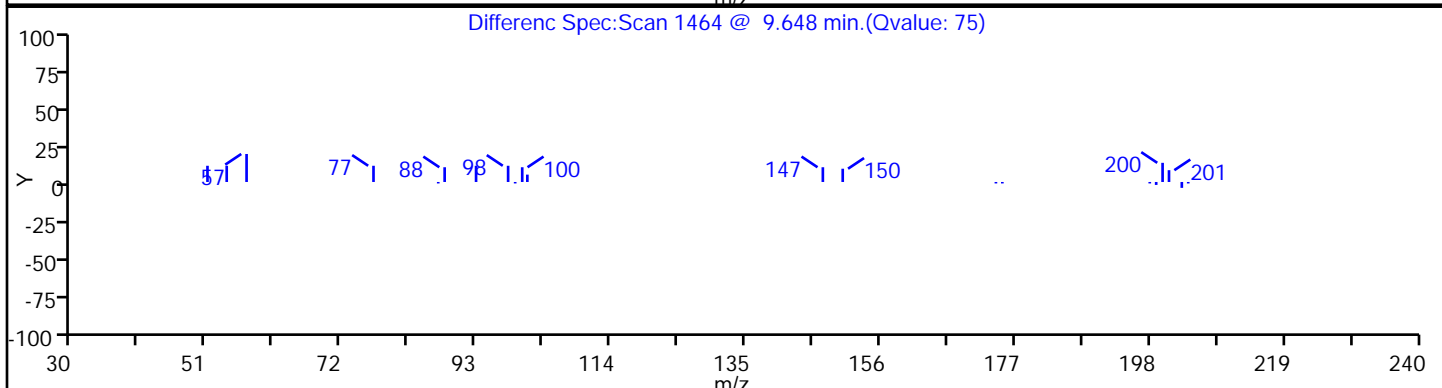
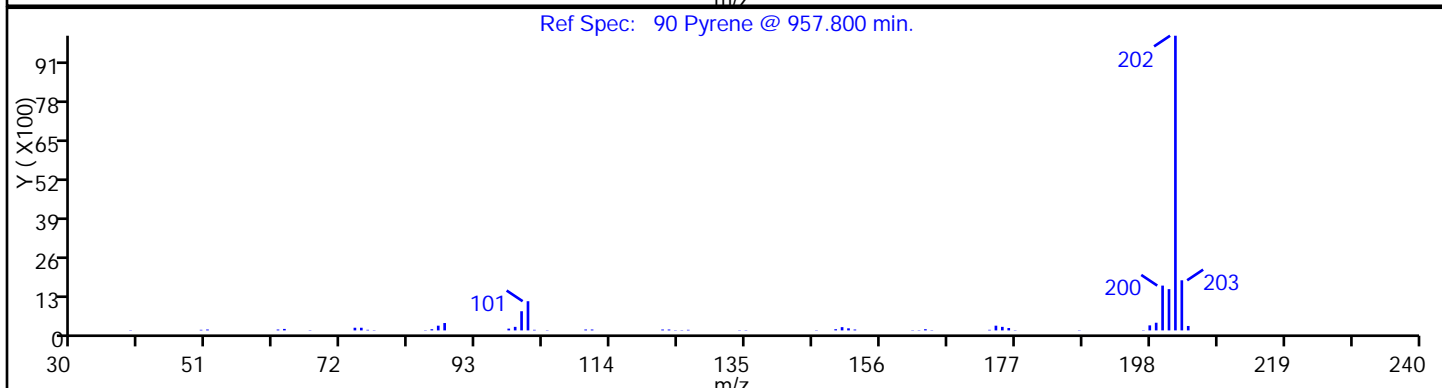
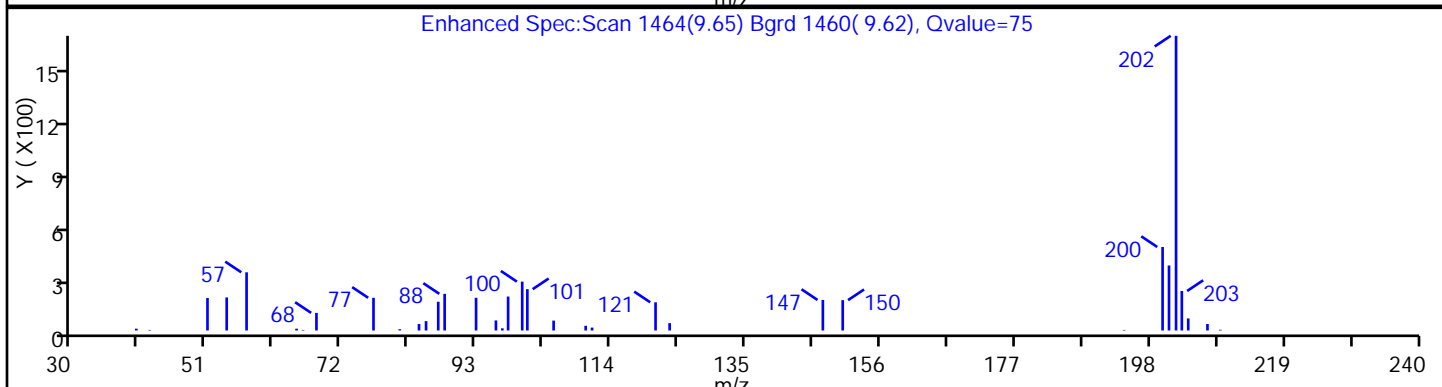
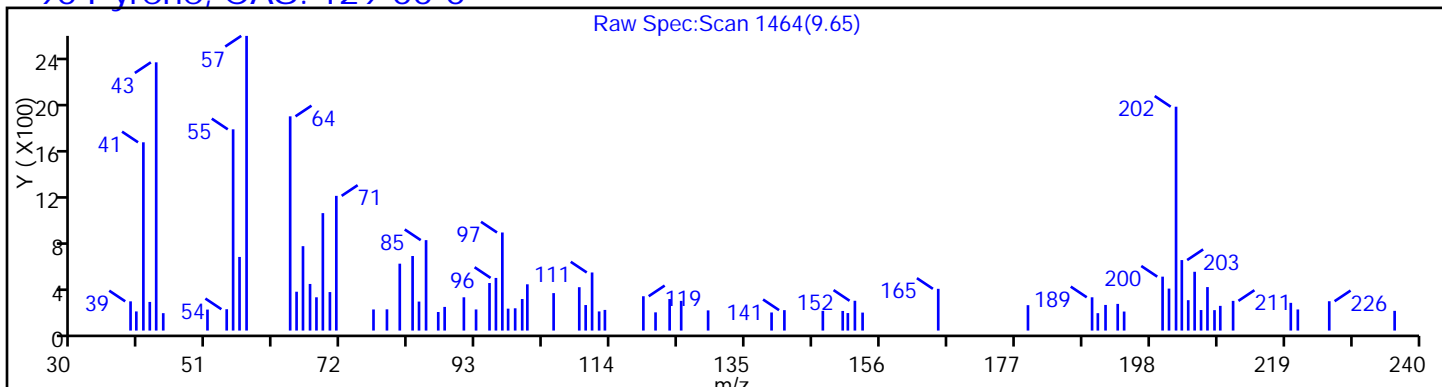
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

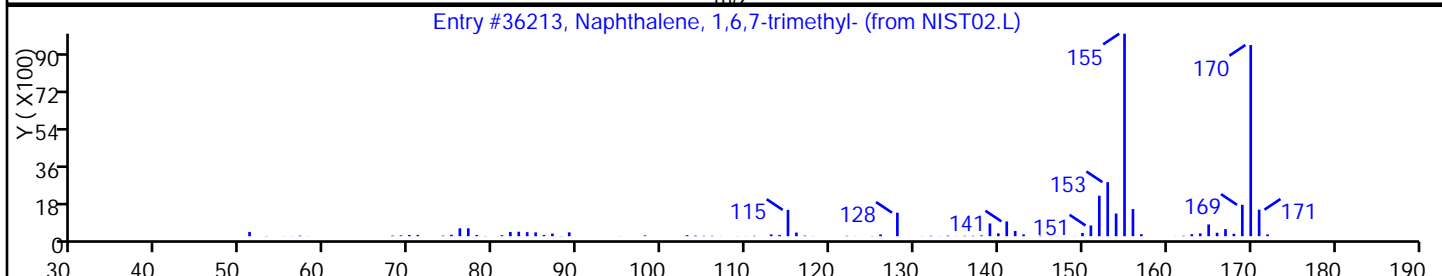
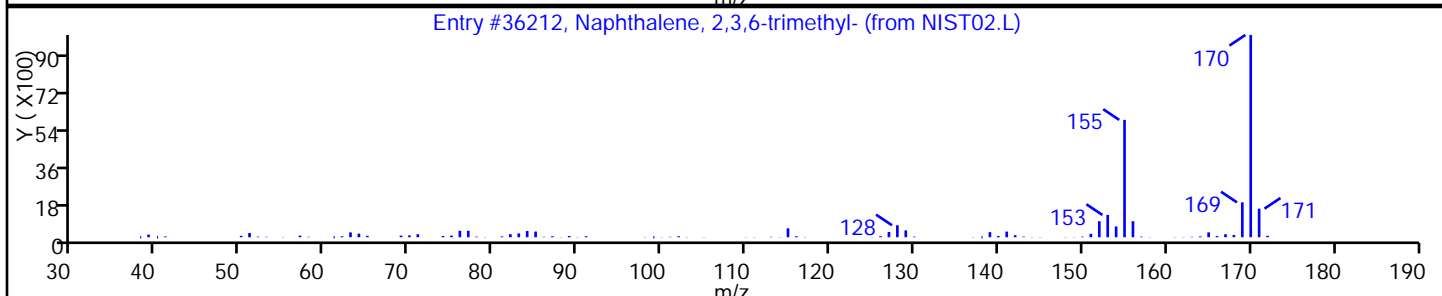
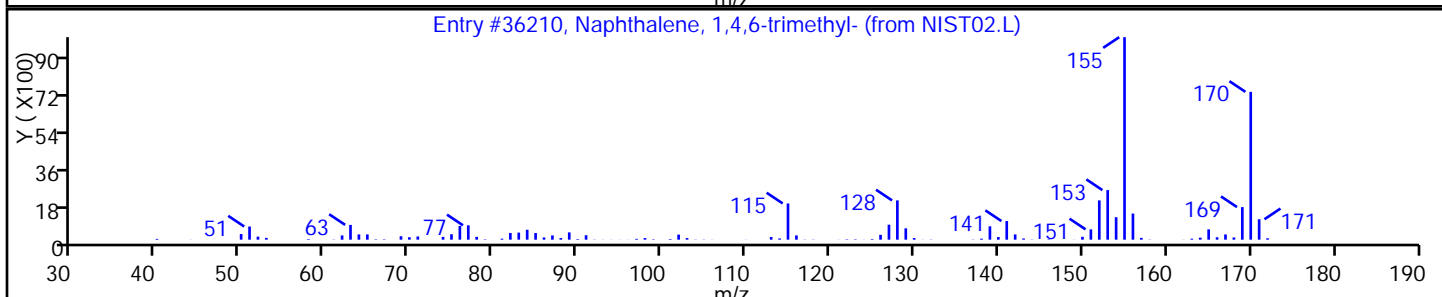
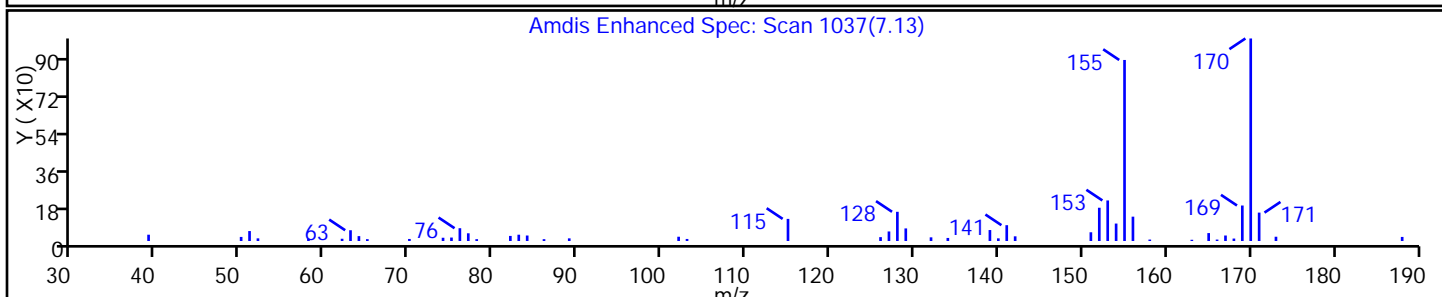
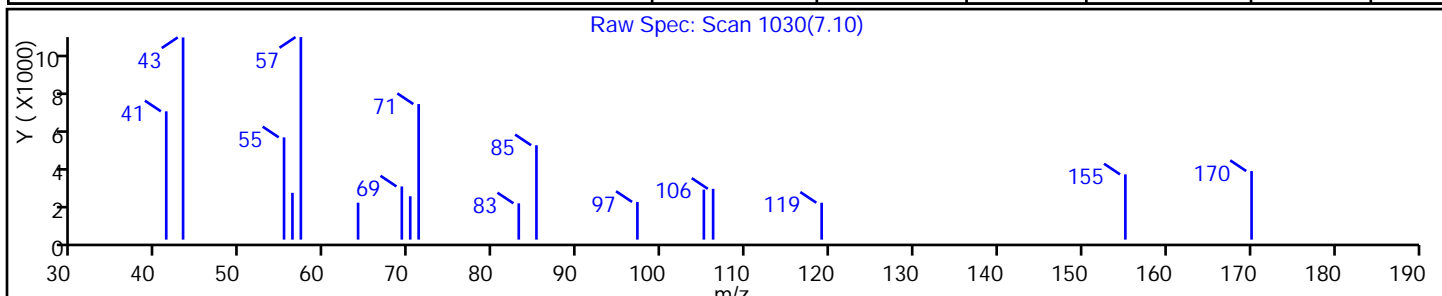
Method: 8270_12R

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	97
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.L	36212	C13H14	170	97
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

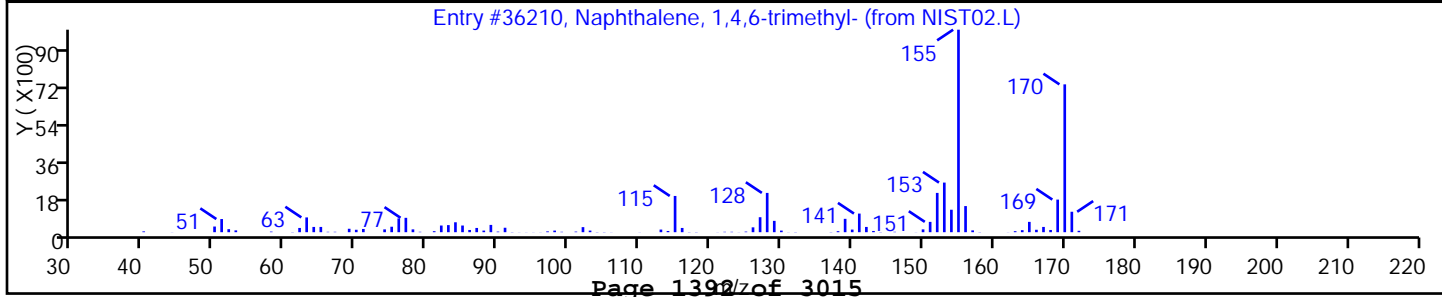
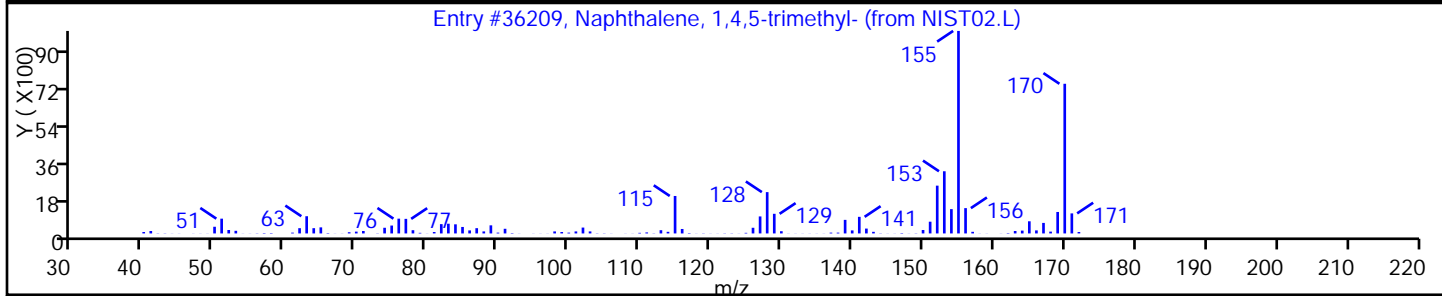
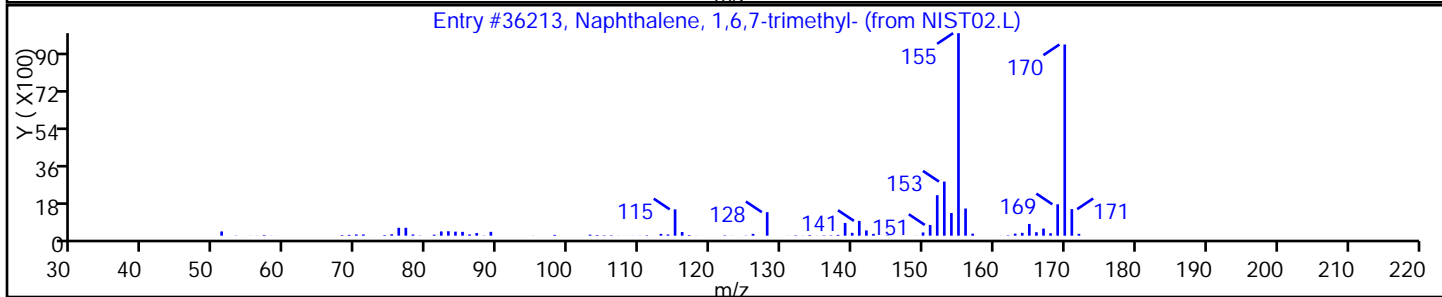
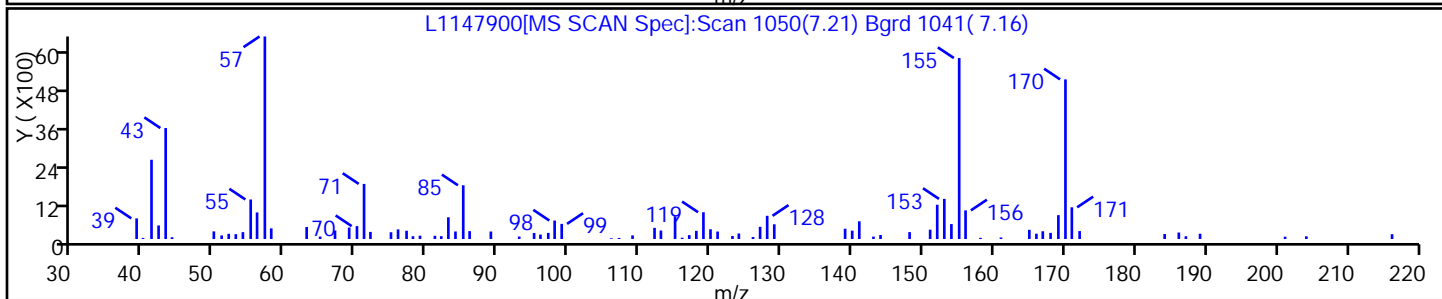
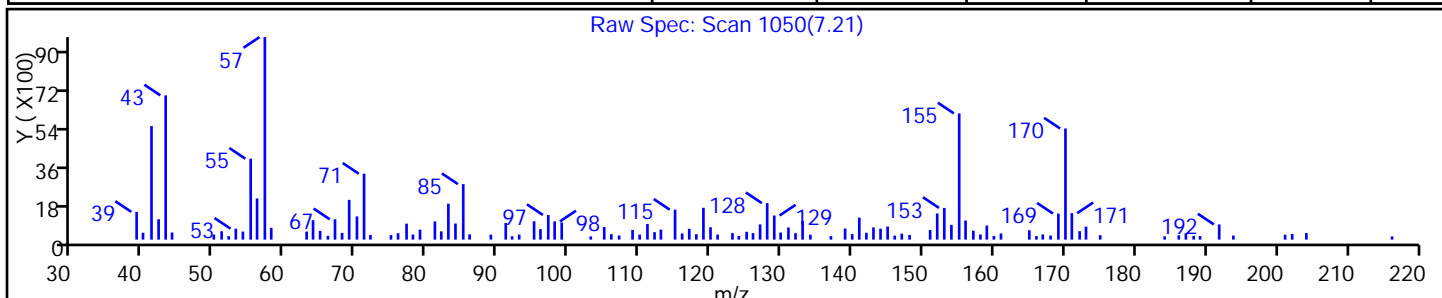
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.L	36213	C13H14	170	98
Naphthalene, 1,4,5-trimethyl-	2131-41-1	NIST02.L	36209	C13H14	170	95
Naphthalene, 1,4,6-trimethyl-	2131-42-2	NIST02.L	36210	C13H14	170	95



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

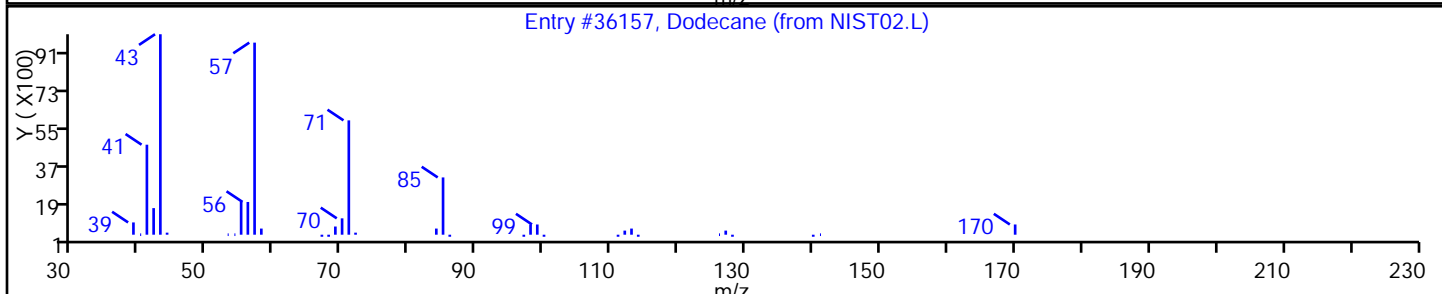
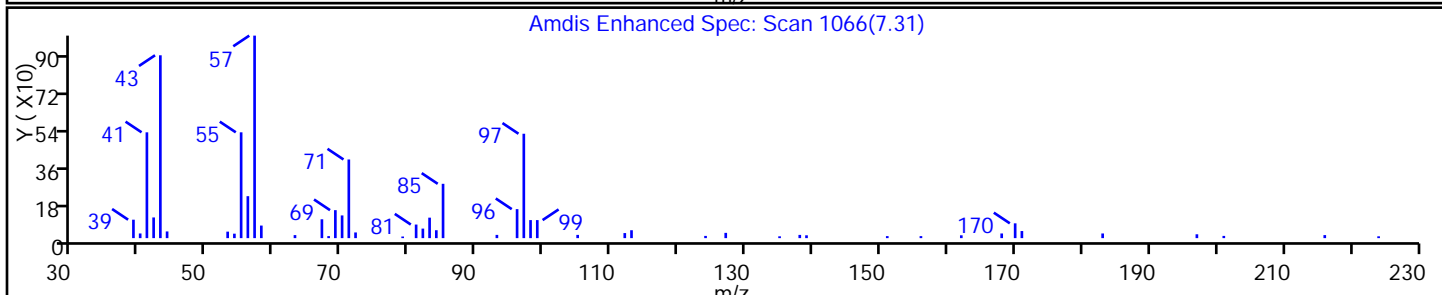
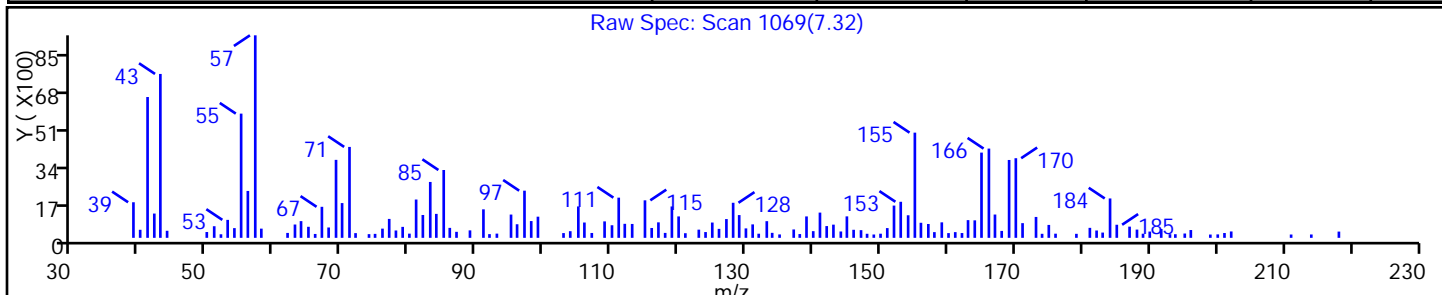
Method: 8270_12R

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	36157	C12H26	170	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

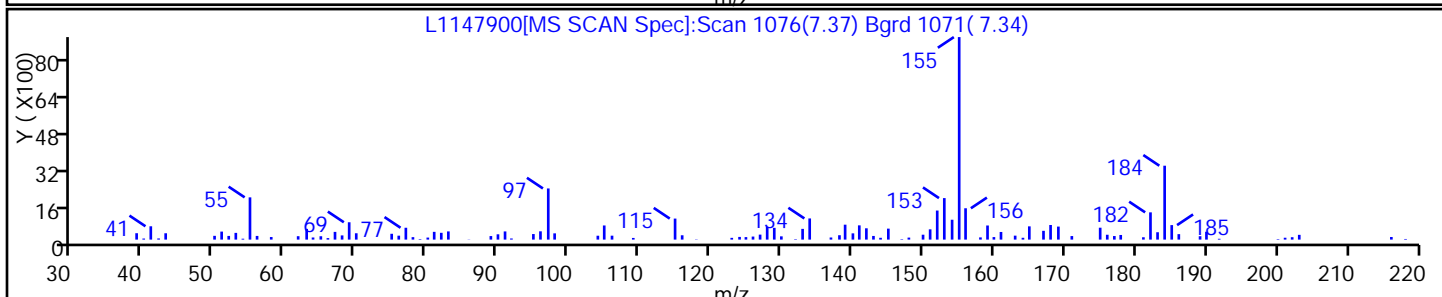
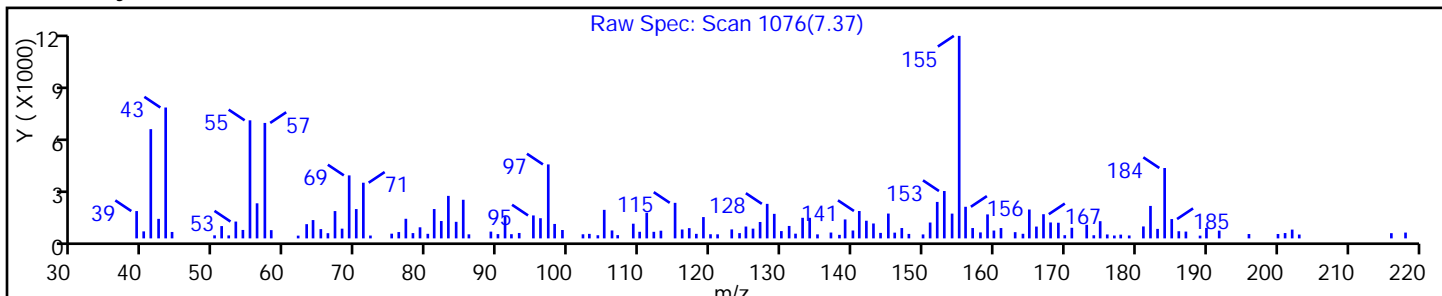
Dil. Factor: 1.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

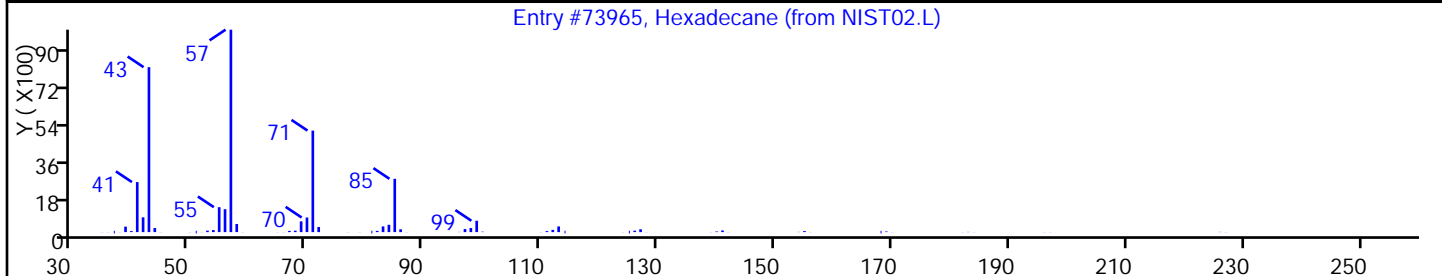
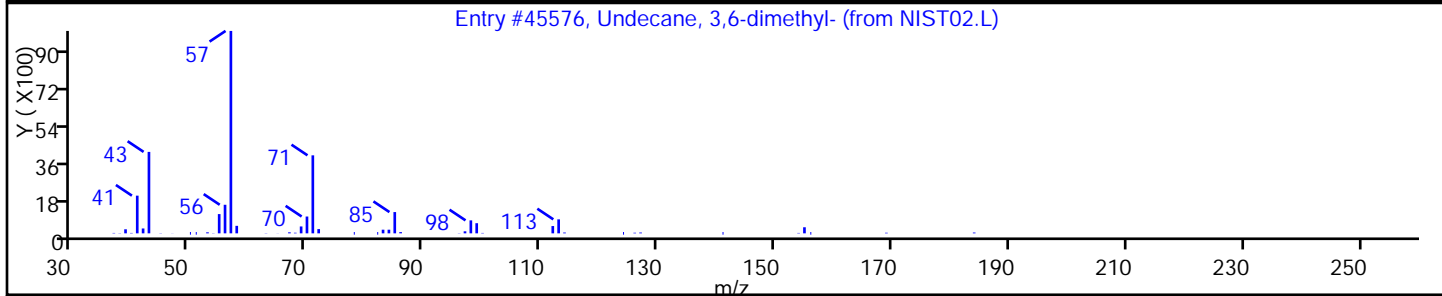
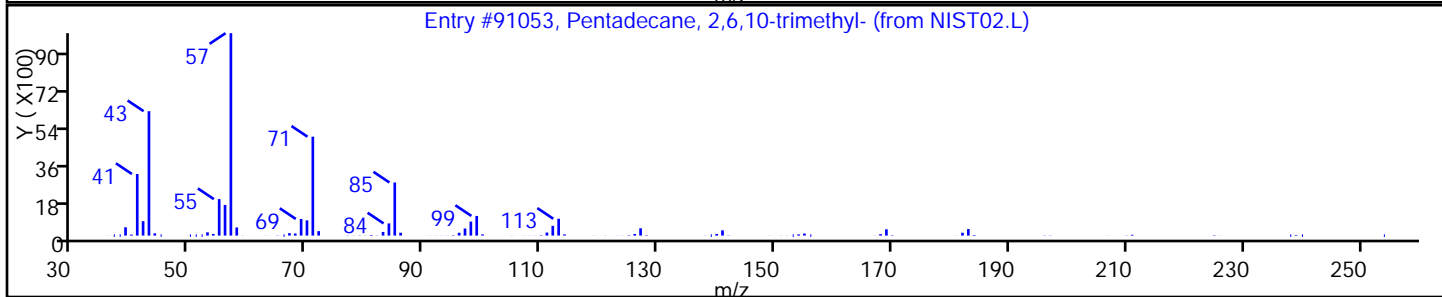
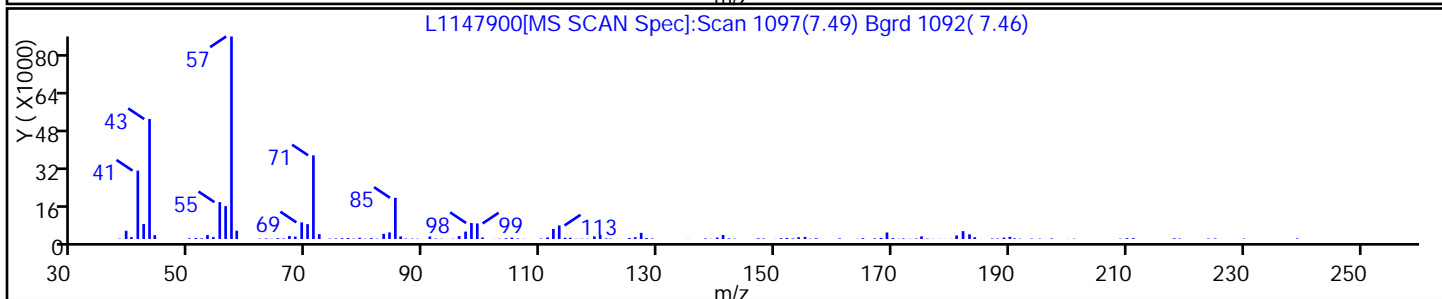
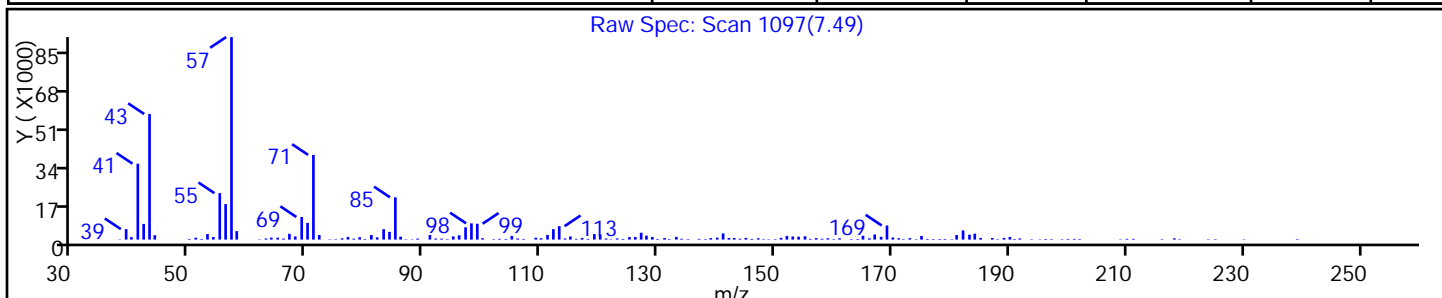
Method: 8270_12R

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	90
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	81
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

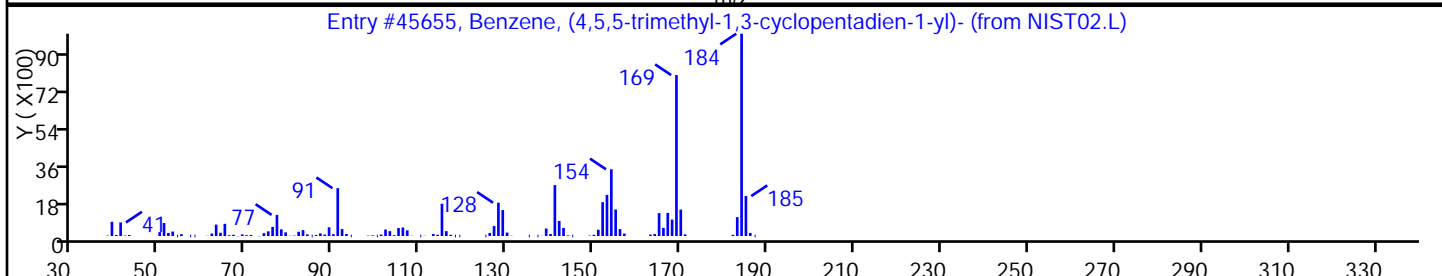
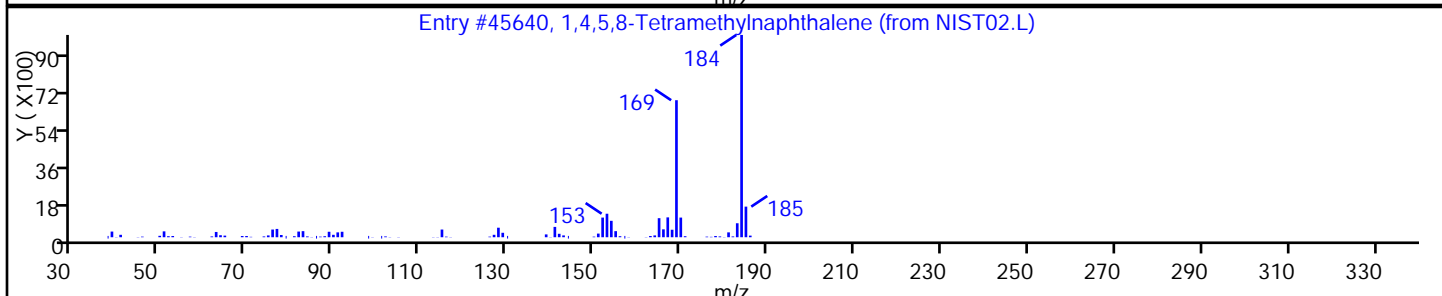
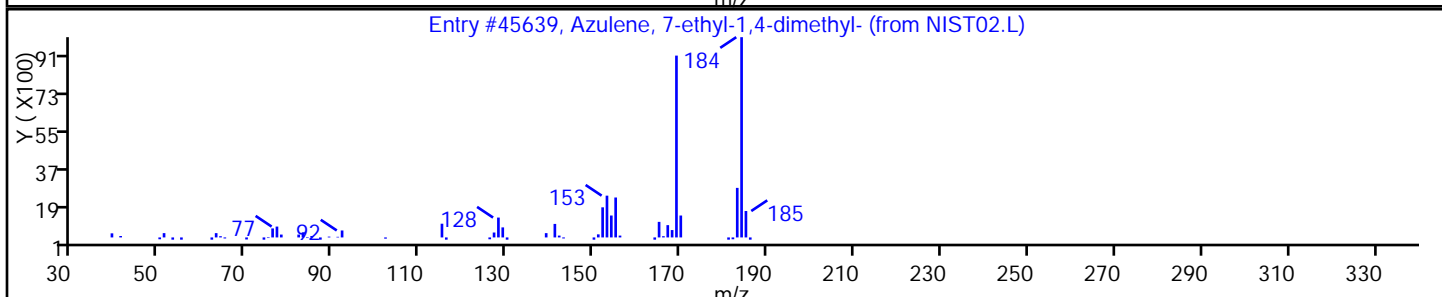
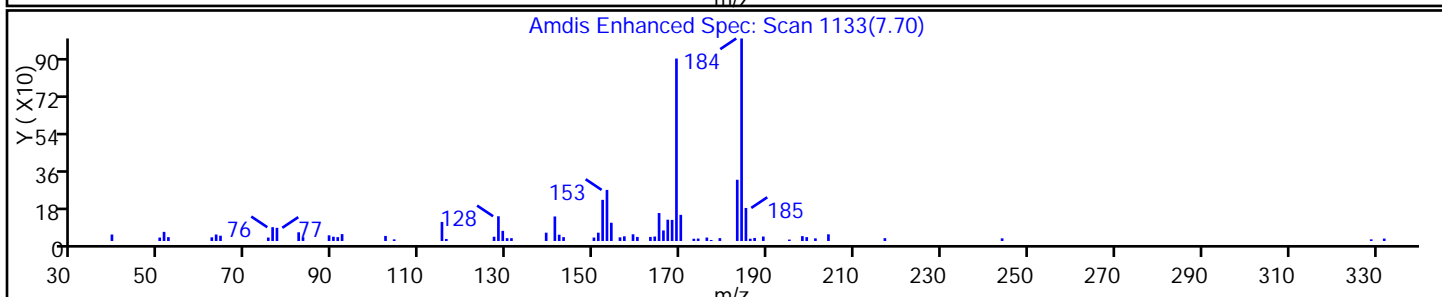
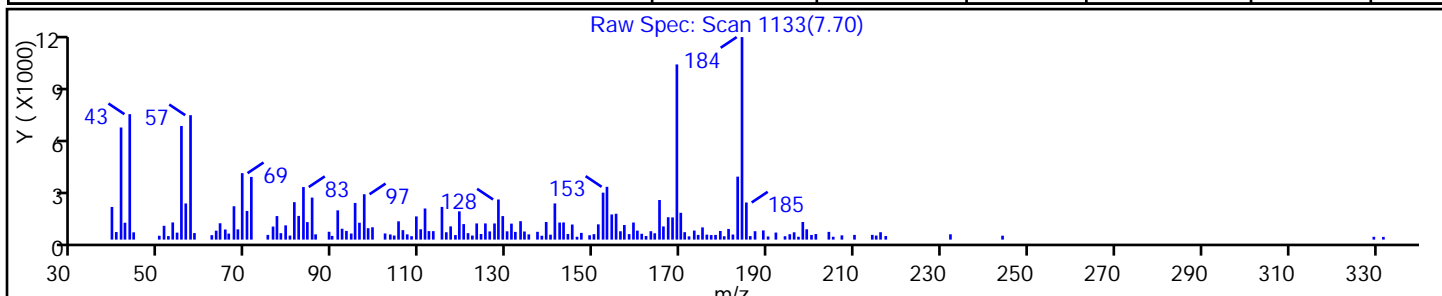
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Azulene, 7-ethyl-1,4-dimethyl-	529-05-5	NIST02.L	45639	C14H16	184	95
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST02.L	45640	C14H16	184	87
Benzene, (4,5,5-trimethyl-1,3-cyclopenta	33930-85-7	NIST02.L	45655	C14H16	184	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

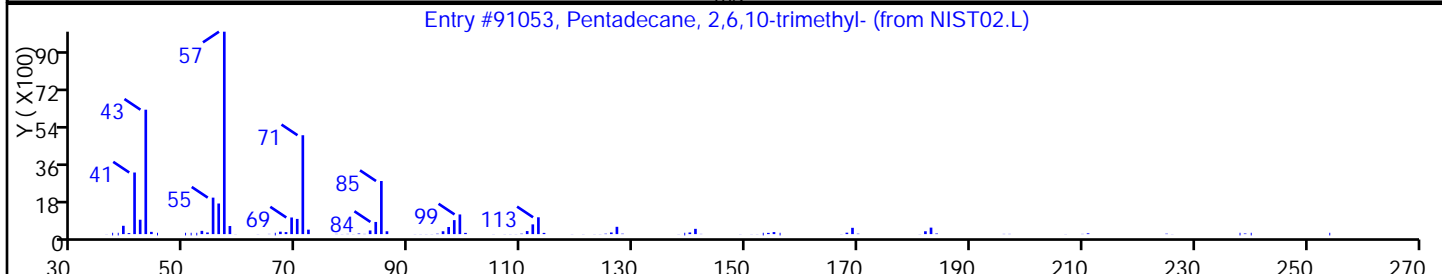
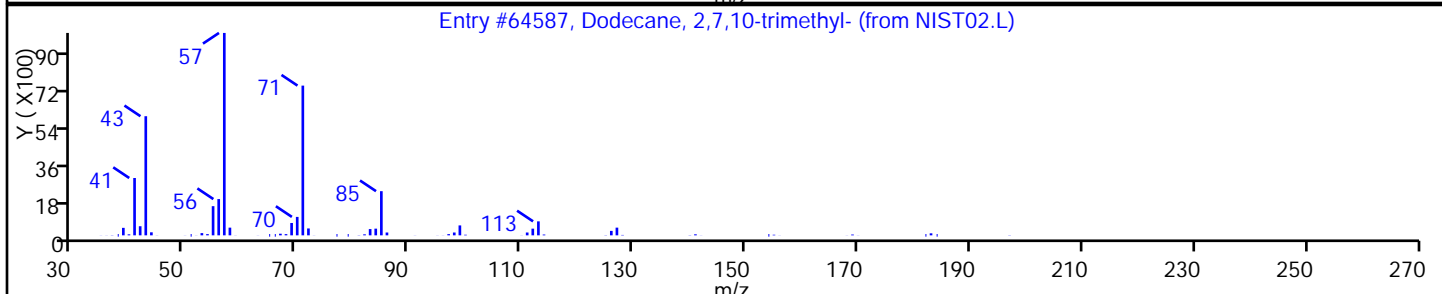
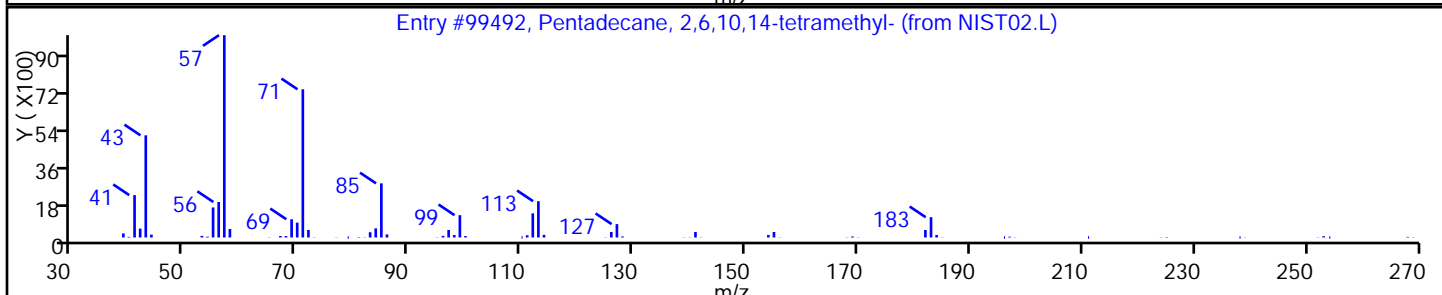
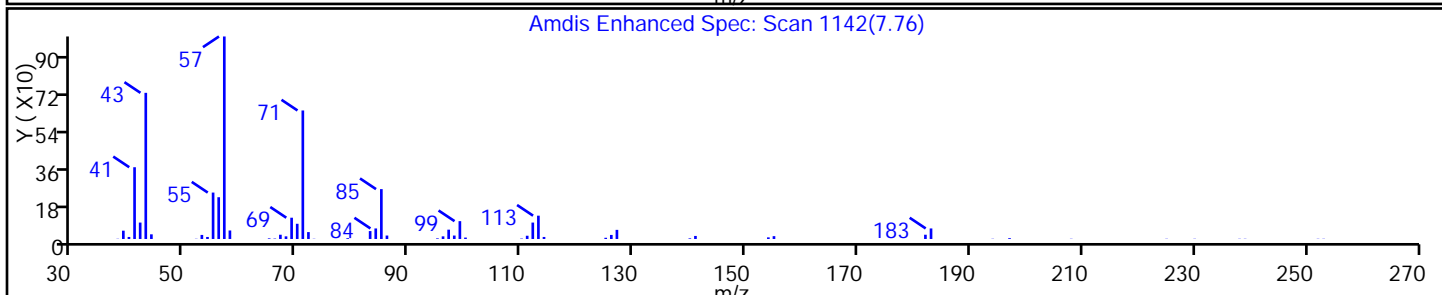
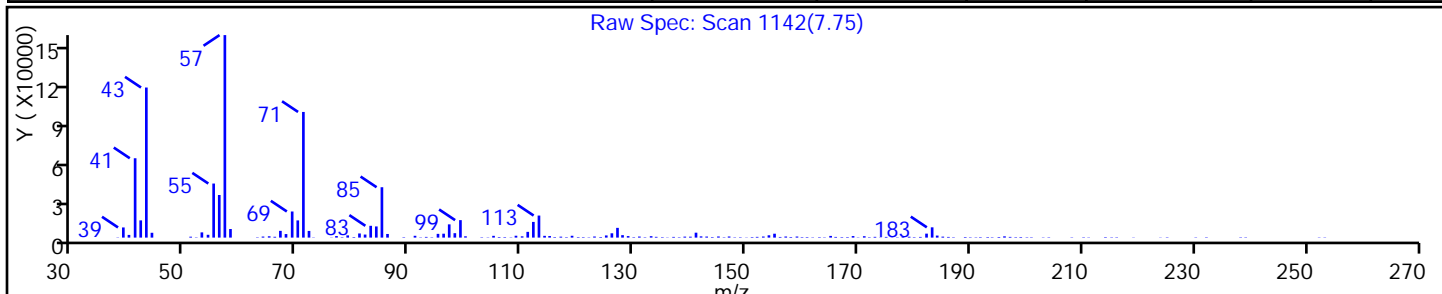
Method: 8270_12R

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	99492	C19H40	268	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	87
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

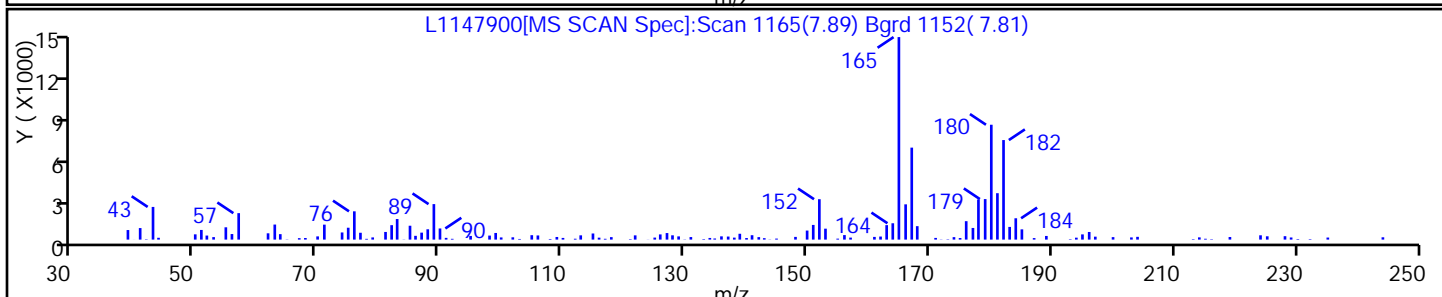
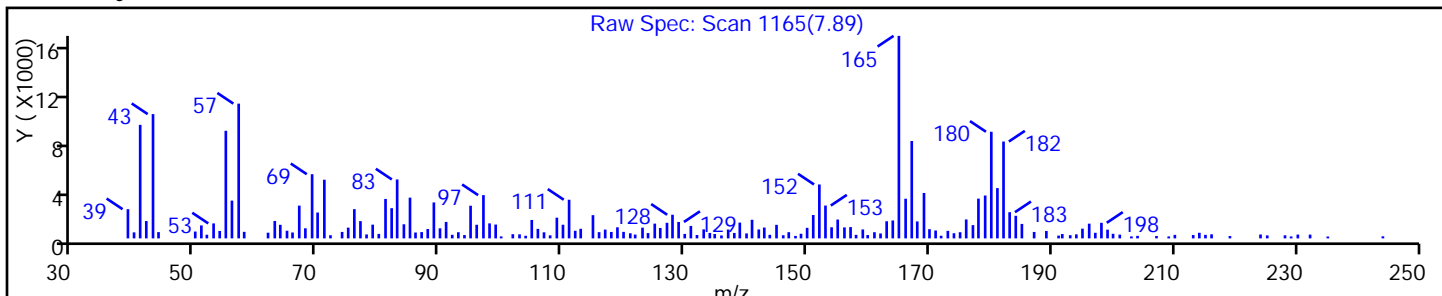
Dil. Factor: 1.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

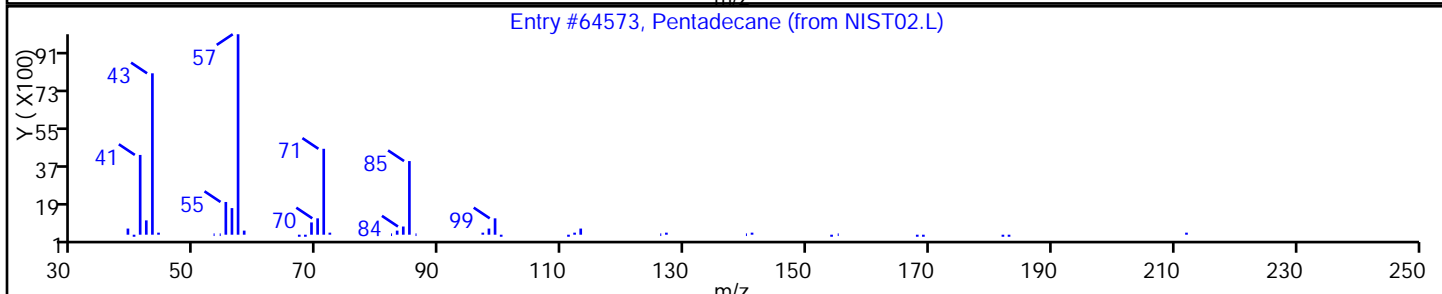
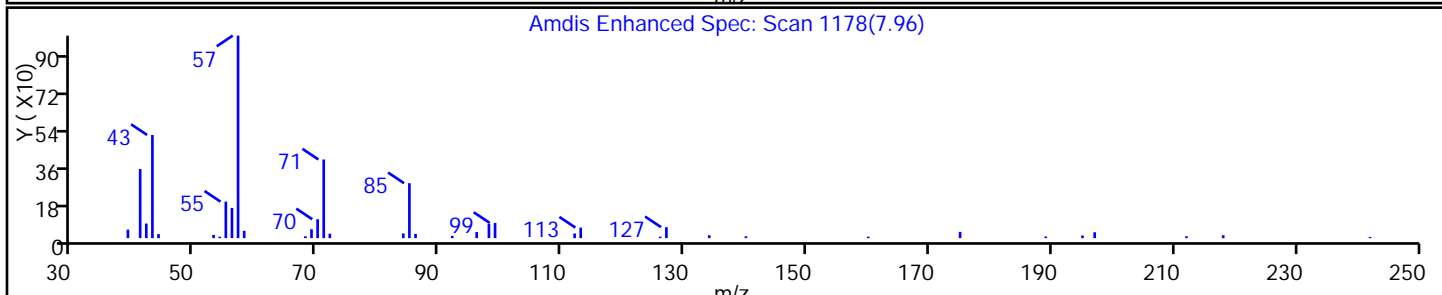
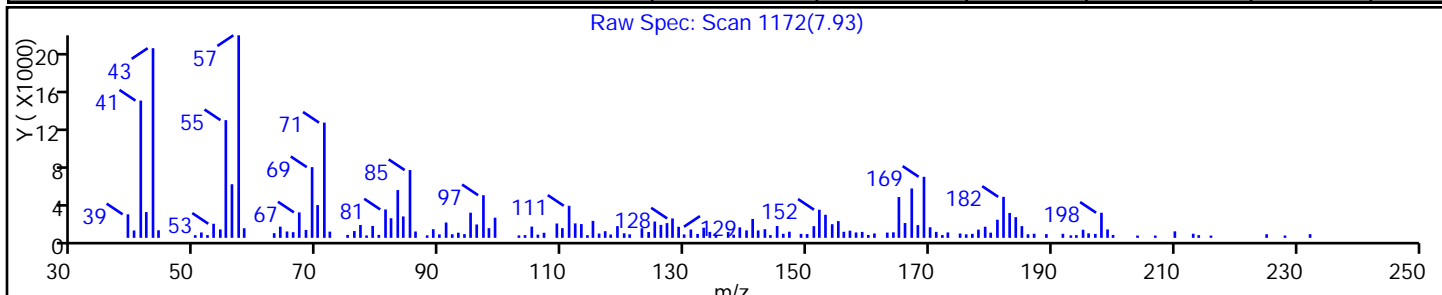
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64573	C15H32	212	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

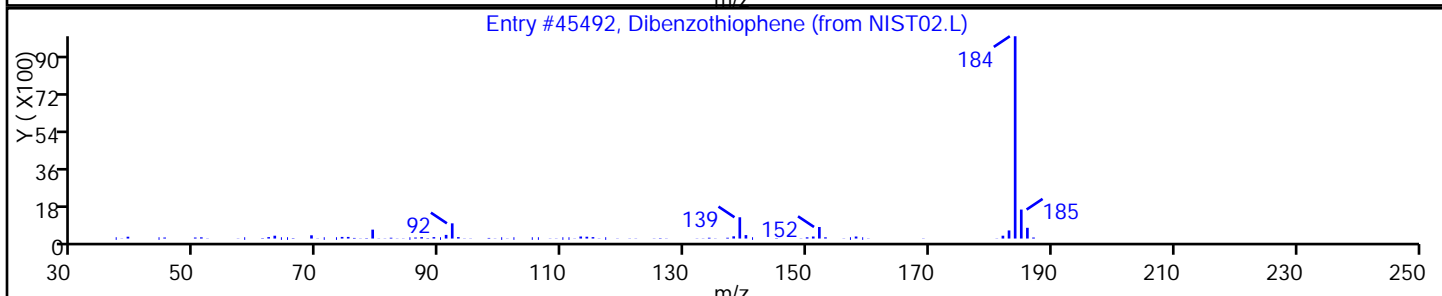
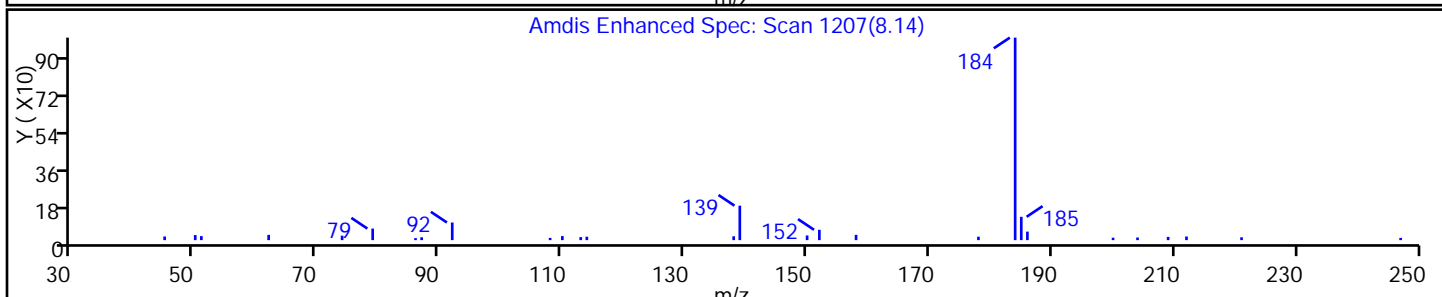
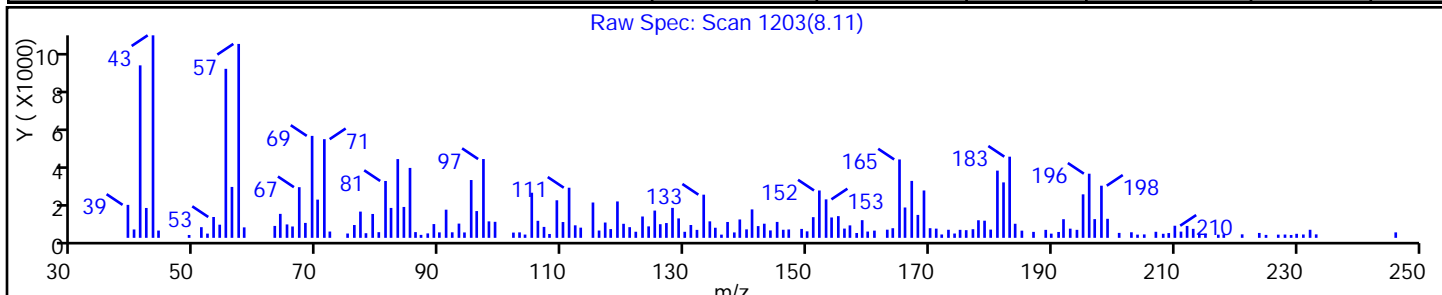
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dibenzothiophene	132-65-0	NIST02.L	45492	C12H8S	184	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

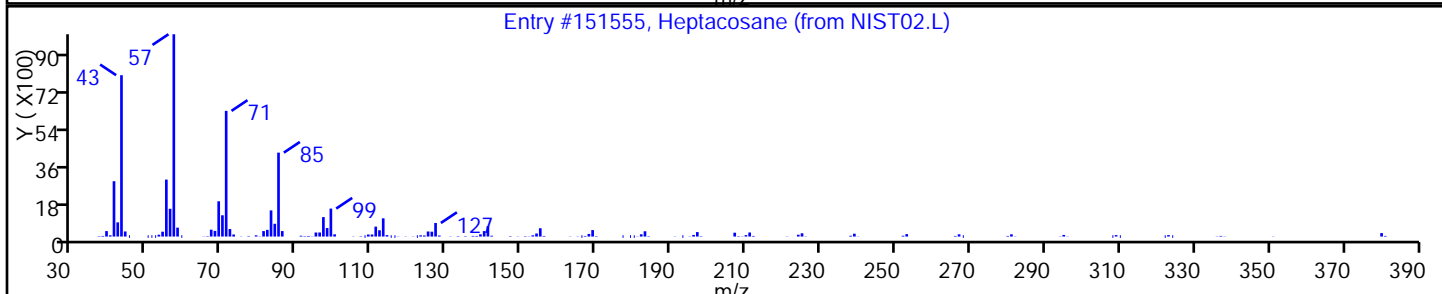
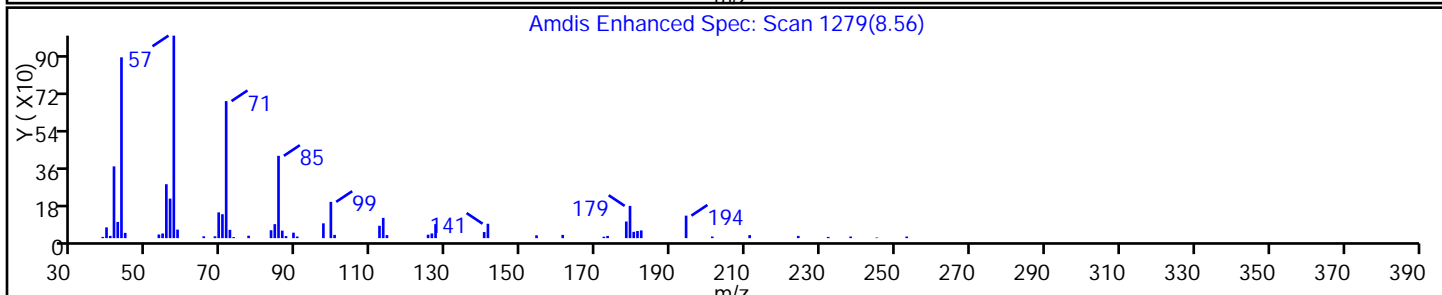
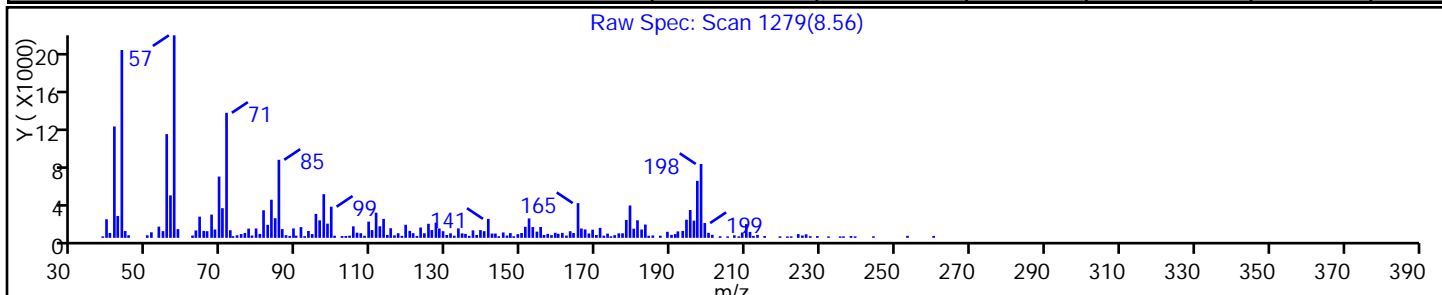
Method: 8270_12R

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	151555	C27H56	380	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

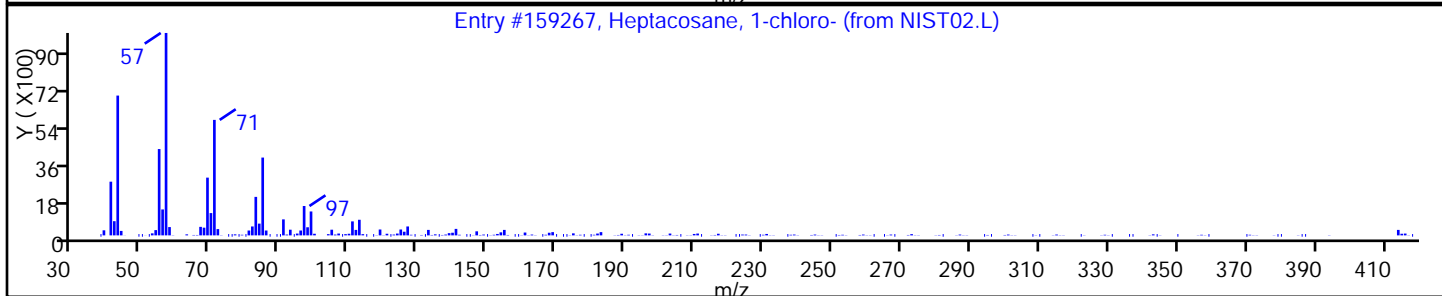
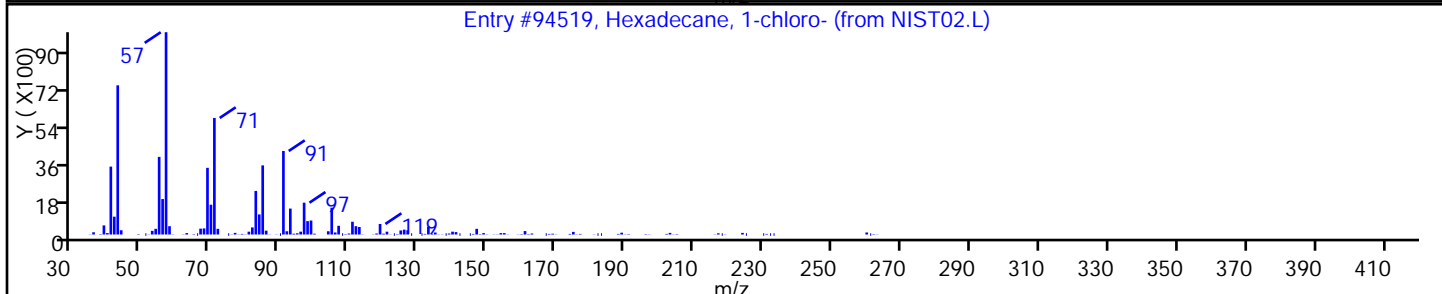
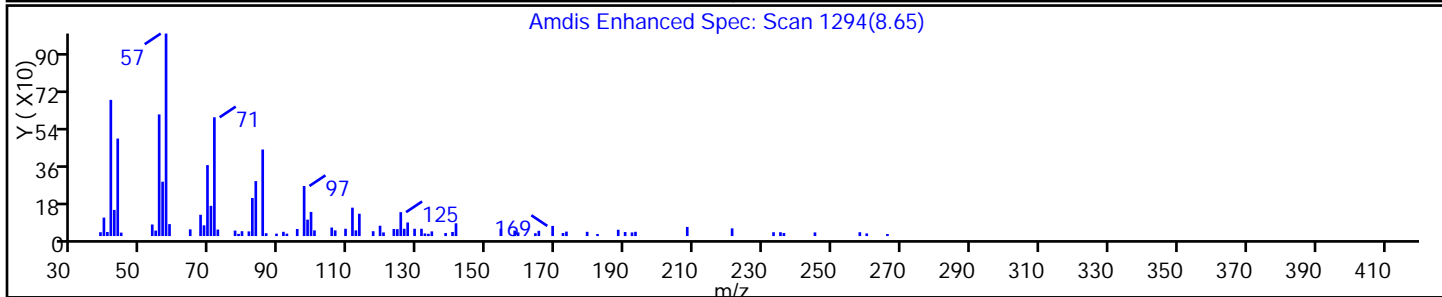
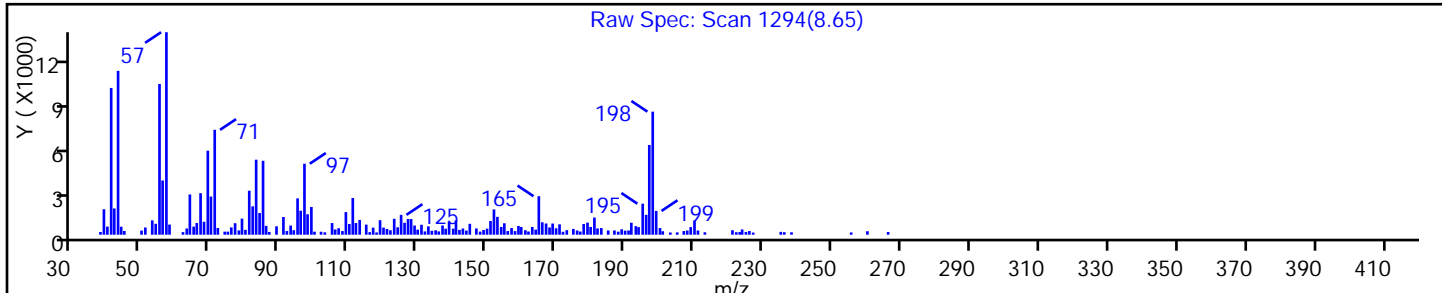
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 1-chloro-	4860-03-1	NIST02.L	94519	C16H33Cl	260	81
Heptacosane, 1-chloro-	62016-79-9	NIST02.L	159267	C27H55Cl	414	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

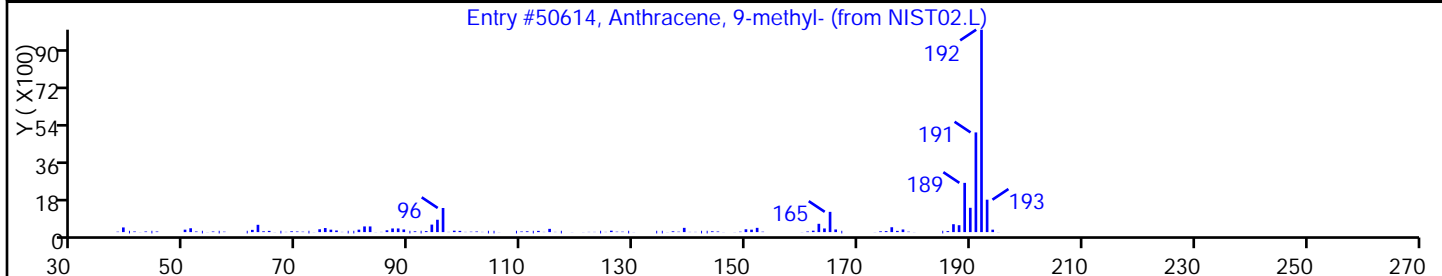
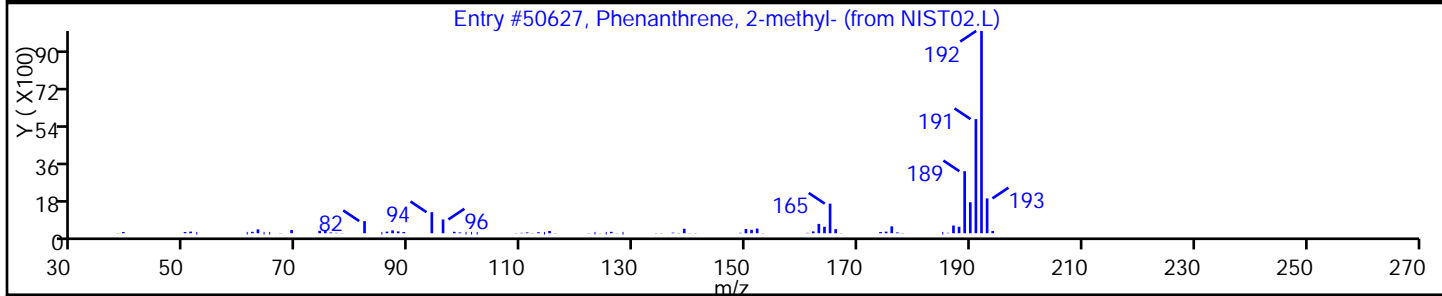
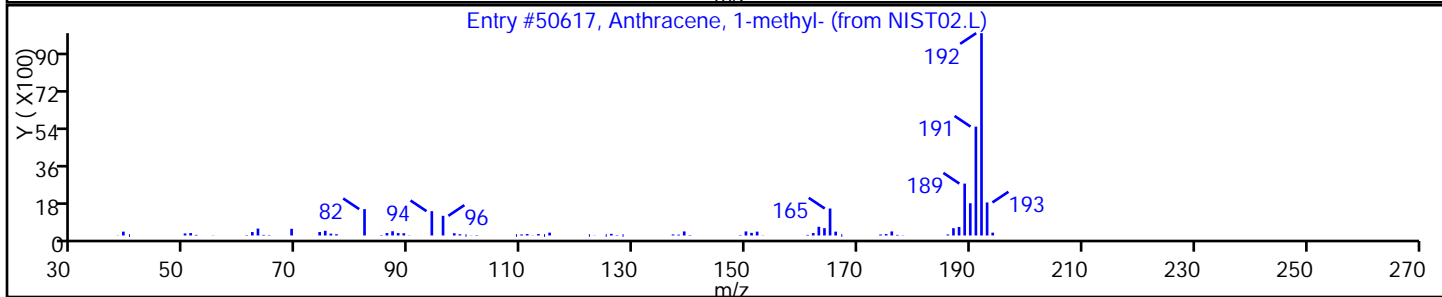
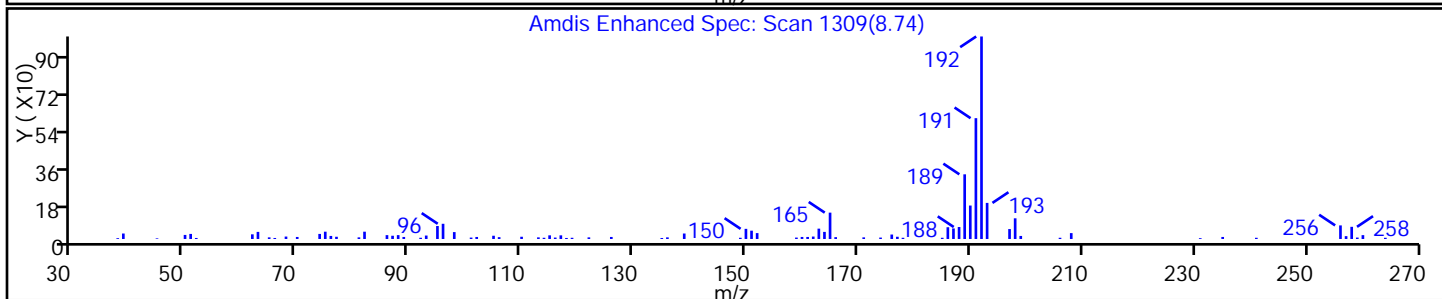
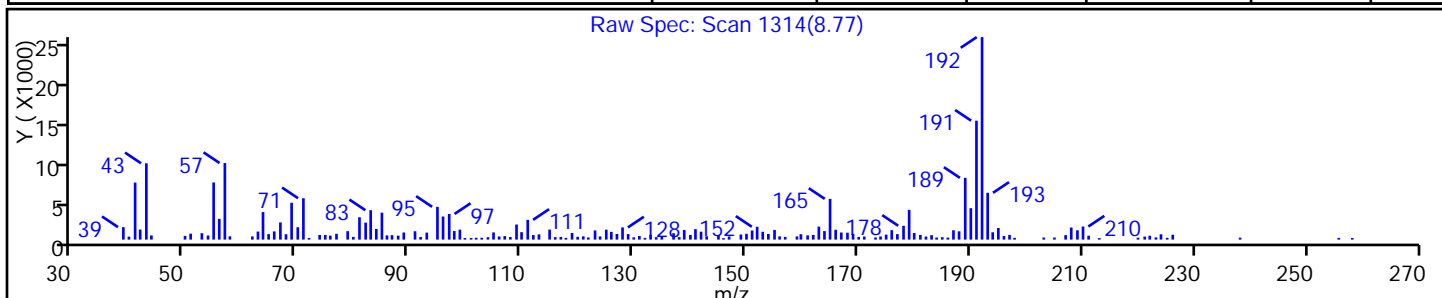
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Anthracene, 1-methyl-	610-48-0	NIST02.L	50617	C15H12	192	94
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50627	C15H12	192	90
Anthracene, 9-methyl-	779-02-2	NIST02.L	50614	C15H12	192	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

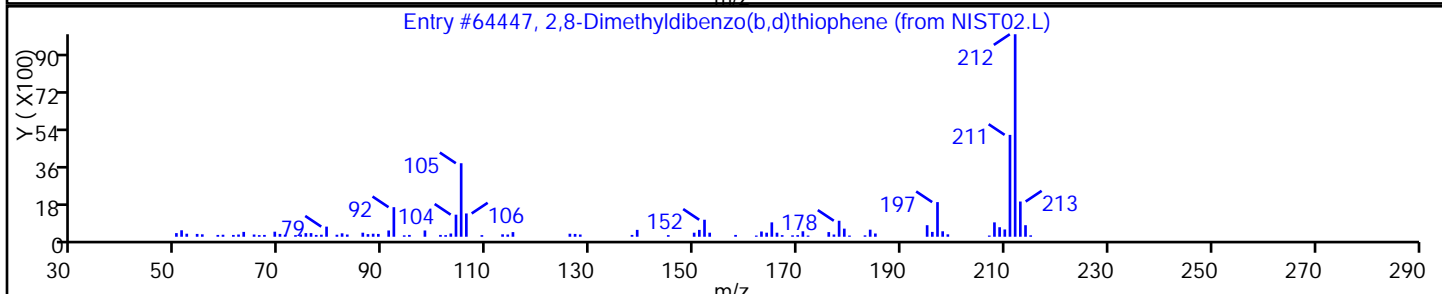
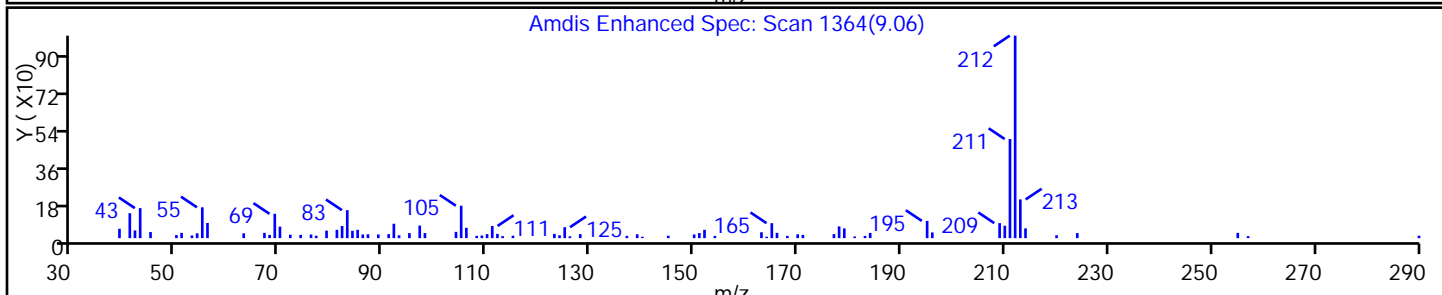
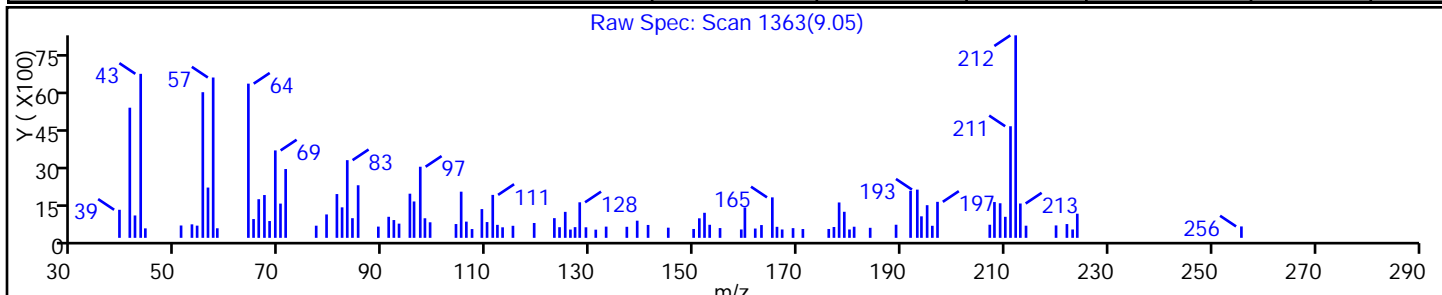
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

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2,8-Dimethyldibenzo(b,d)thiophene	1207-15-4	NIST02.L	64447	C14H12S	212	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147900.D

Injection Date: 12-Mar-2014 12:53:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID: BNA 12

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

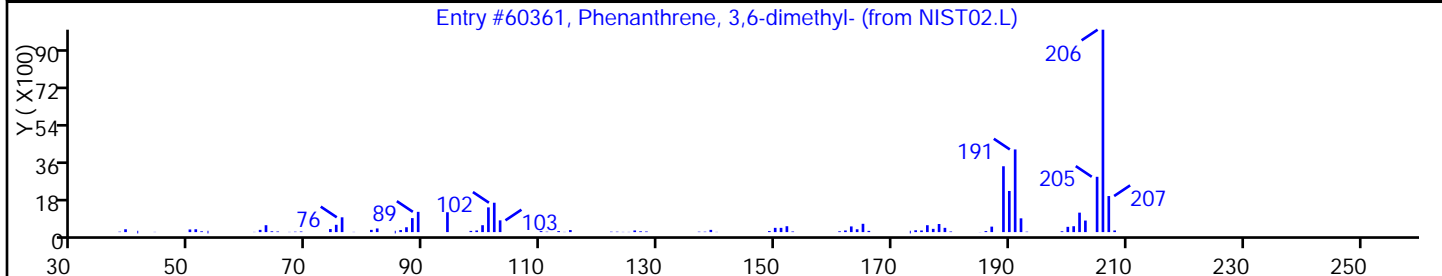
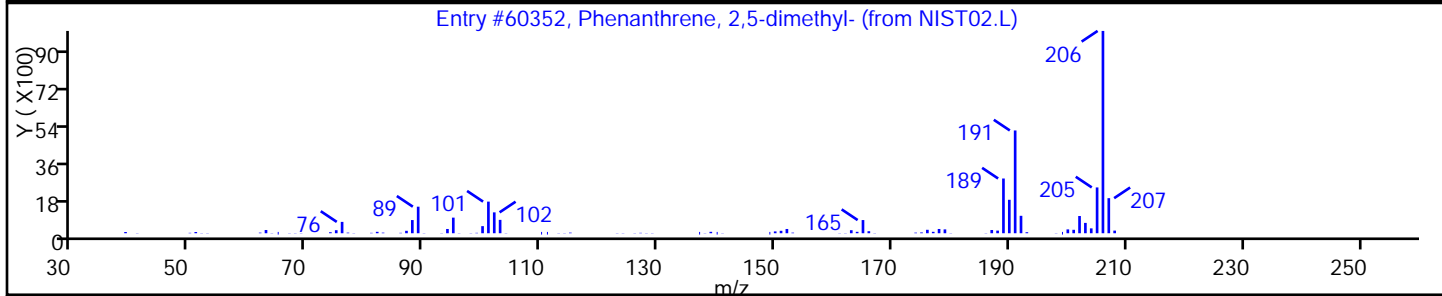
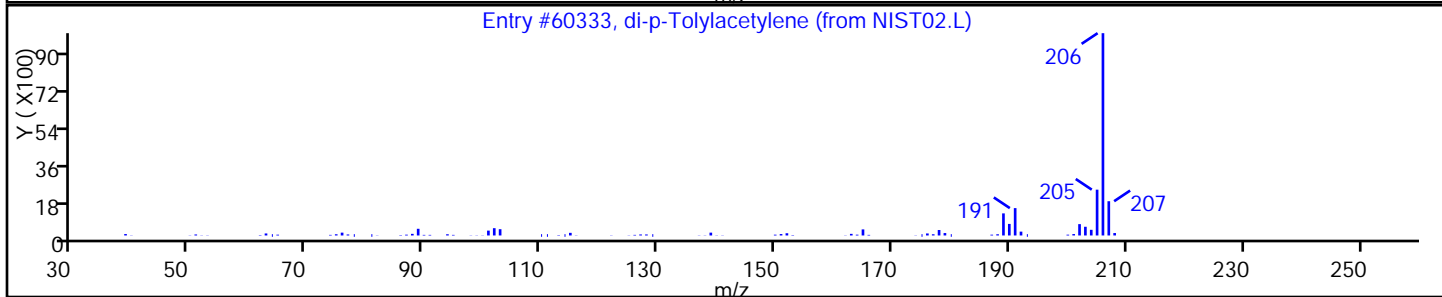
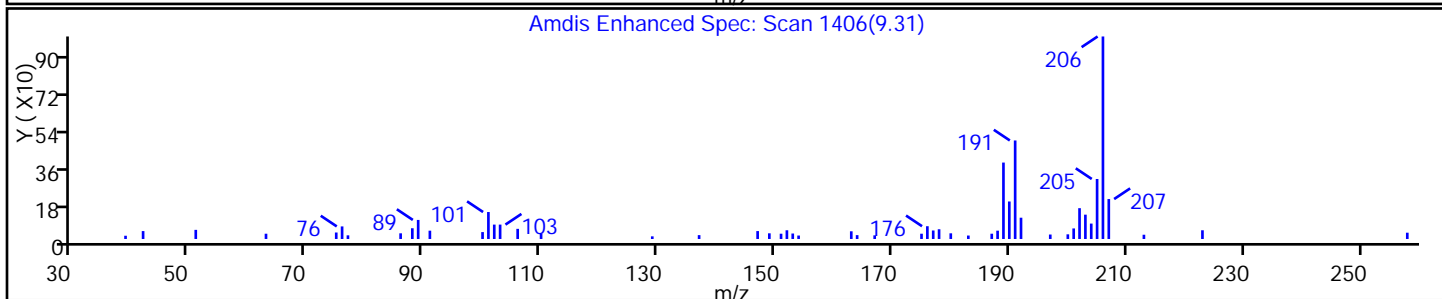
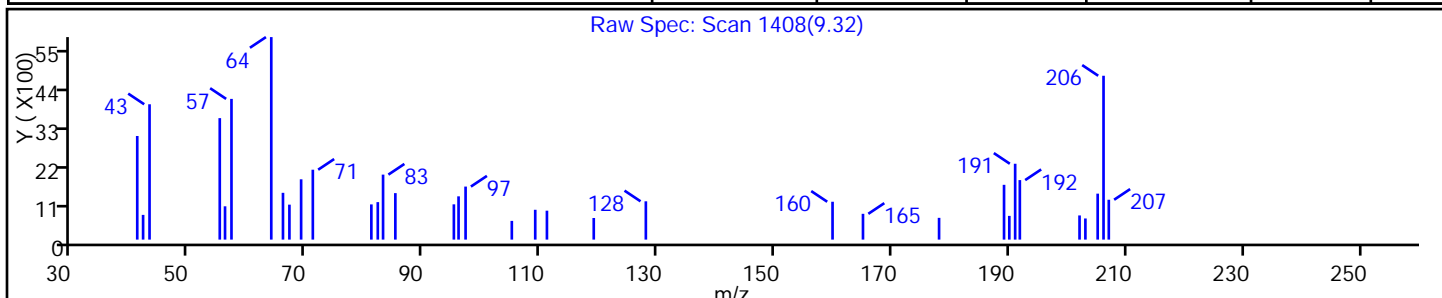
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
di-p-Tolylacetylene	2789-88-0	NIST02.L	60333	C16H14	206	94
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST02.L	60352	C16H14	206	93
Phenanthrene, 3,6-dimethyl-	1576-67-6	NIST02.L	60361	C16H14	206	93



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: L1147898.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 12:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: L1147898.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 12:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 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	270	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: L1147898.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 12:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		40-106
4165-62-2	Phenol-d5	80		44-104
1718-51-0	Terphenyl-d14	98		41-145
118-79-6	2,4,6-Tribromophenol	63		19-114
367-12-4	2-Fluorophenol	74		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: L1147898.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 12:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212016 Units: ug/Kg
 Number TICs Found: 15 TIC Result Total: 241200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.15	13000	J
629-59-4	Tetradecane	6.25	5300	J N
17312-62-8	Decane, 5-propyl-	6.57	6800	J N
112-40-3	Dodecane	7.10	7300	J N
544-76-3	Hexadecane	7.28	12000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.50	8300	J N
54105-67-8	Heptadecane, 2,6-dimethyl-	7.76	71000	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	7.93	10000	J N
	Unknown	8.06	9400	J
629-62-9	Pentadecane	8.19	43000	J N
	Unknown	8.37	8500	J
55045-08-4	Dodecane, 2-methyl-6-propyl-	8.61	23000	J N
38444-84-7	1,1'-Biphenyl, 2,3,3'-trichloro-	8.67	7600	J N
832-69-9	Phenanthrene, 1-methyl-	8.77	7500	J N
112-95-8	Eicosane	9.01	8500	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D
 Lims ID: 460-72180-E-8-A Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:03:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010745-015
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 17:24:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.449	2.437	0.012	91	23413	7.44	
\$ 6 Phenol-d5	99	3.366	3.372	-0.006	63	29274	7.97	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	97	111330	40.0	
\$ 25 Nitrobenzene-d5	82	4.296	4.295	0.001	88	23287	7.53	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	400704	40.0	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	94	50296	9.45	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	77	163052	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.566	7.566	0.0	54	4904	6.26	
* 83 Phenanthrene-d10	188	8.242	8.236	0.006	95	217537	40.0	
88 Fluoranthene	202	9.431	9.430	0.001	39	822	0.1522	
90 Pyrene	202	9.648	9.648	0.0	81	2958	0.7128	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	96	29935	9.79	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	143768	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	172670	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D
 Lims ID: 460-72180-E-8-A Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:03:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010745-015
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 10:06:34 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 17:24:05

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
2.149	594513	35.0	13					
	629-59-4	Tetradecane						
6.254	715064	13.8	61	96	55009	C14H30	198	
	17312-62-8	Decane, 5-propyl-						
6.572	921220	17.8	61	90	45547	C13H28	184	
	112-40-3	Dodecane						
7.095	977160	18.9	61	90	36157	C12H26	170	
	544-76-3	Hexadecane						
7.278	1619152	31.3	61	96	73964	C16H34	226	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
7.495	1114451	21.5	61	95	91053	C18H38	254	
	54105-67-8	Heptadecane, 2,6-dimethyl-						
7.760	3349202	185.3	83	95	99490	C19H40	268	
	31295-56-4	Dodecane, 2,6,11-trimethyl-						
7.931	470377	26.0	83	92	64591	C15H32	212	
	Unknown							
8.060	442609	24.5	83					
	629-62-9	Pentadecane						
8.189	1999451	110.6	83	95	64573	C15H32	212	
	Unknown							
8.366	397375	22.0	83					
	55045-08-4	Dodecane, 2-methyl-6-propyl-						
8.607	1096633	60.7	83	90	73991	C16H34	226	

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
8.666	358772	19.8	83	96	91792	C12H7Cl3	256	
8.766	352136	19.5	83	90	50623	C15H12	192	
9.007	399954	22.1	83	98	107652	C20H42	282	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.713	679409	40.0
* 61 Acenaphthene-d10	6.778	2072410	40.0
* 83 Phenanthrene-d10	8.242	723001	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Worklist Smp#: 15

Client ID: PMP-17SW-WT

Injection Vol: 1.0 ul

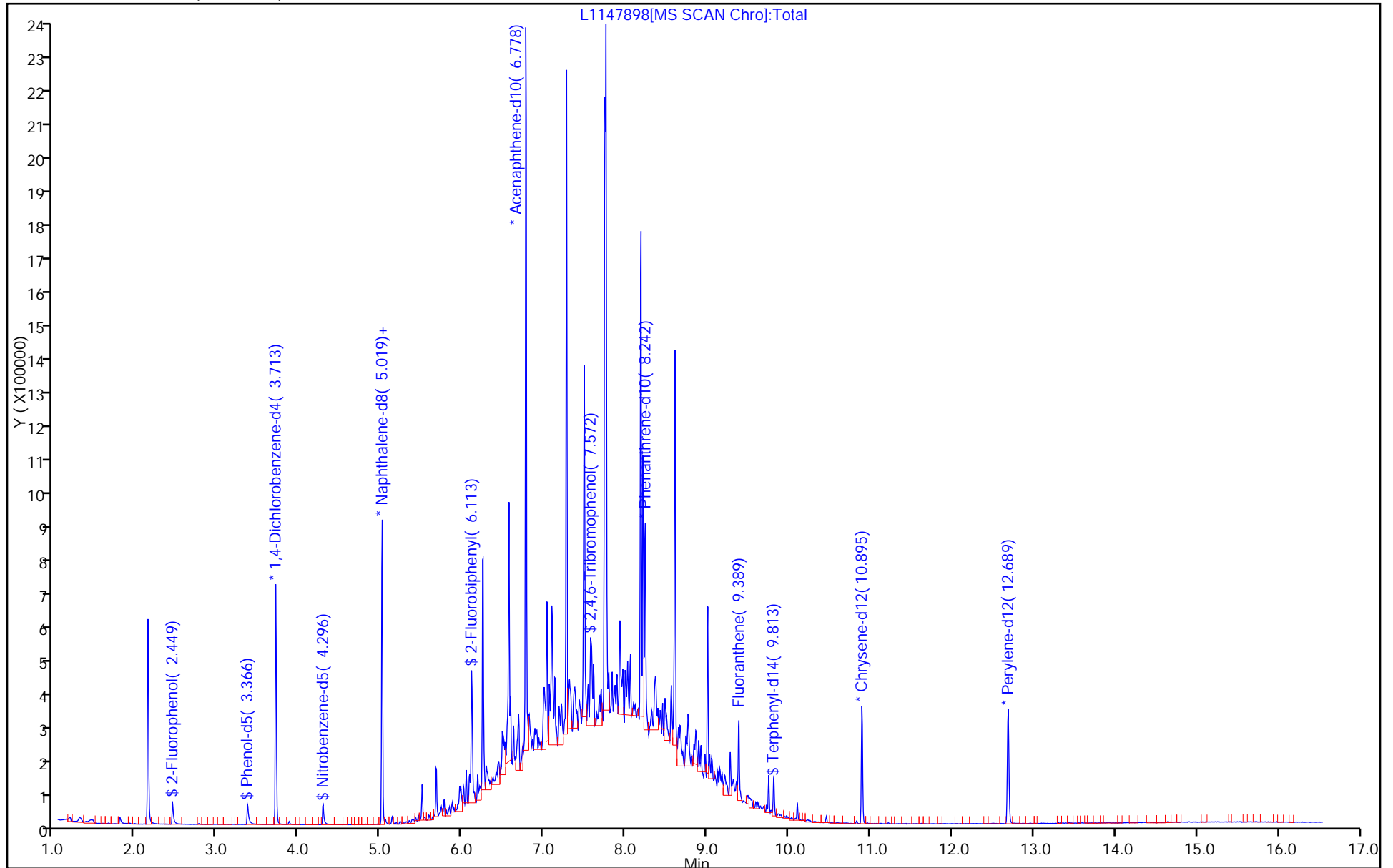
Dil. Factor: 5.0000

ALS Bottle#: 15

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

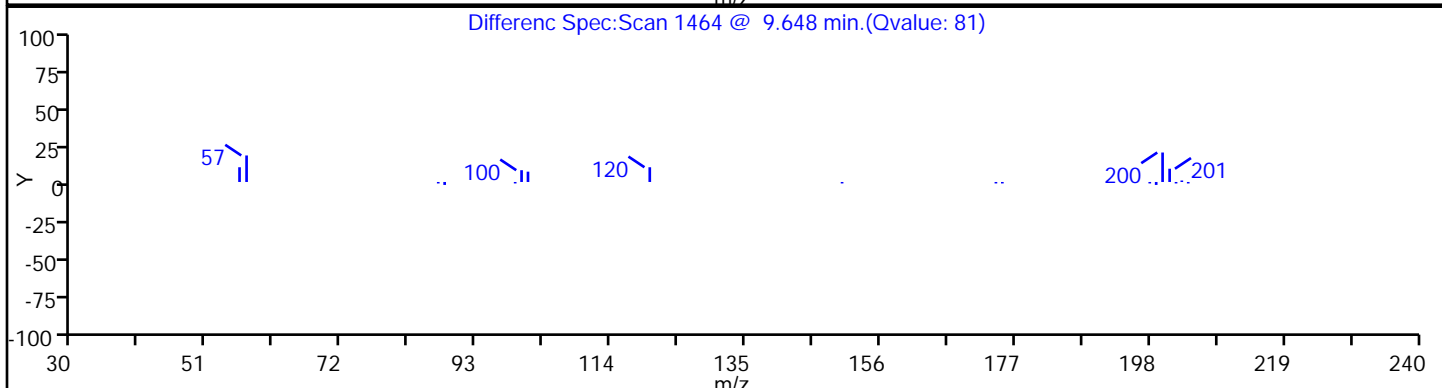
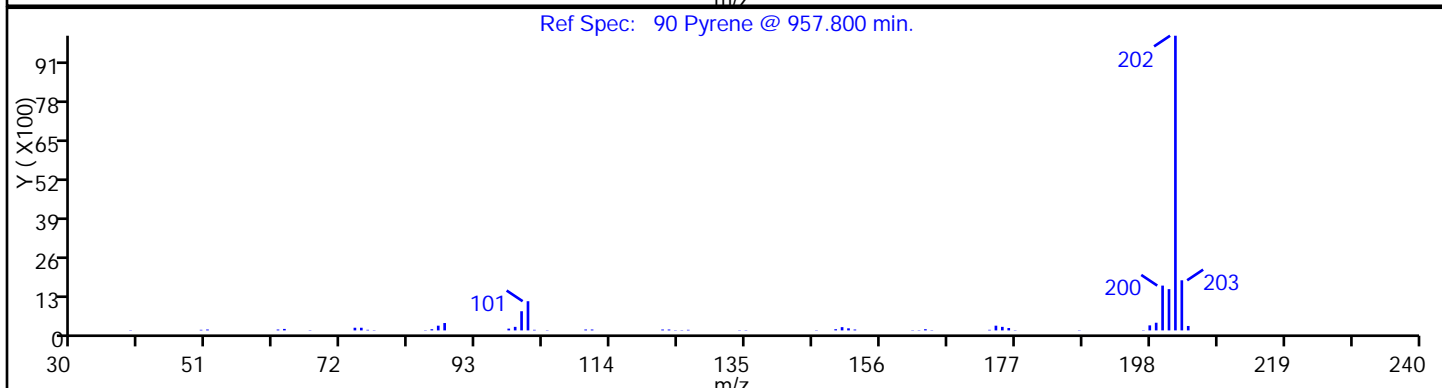
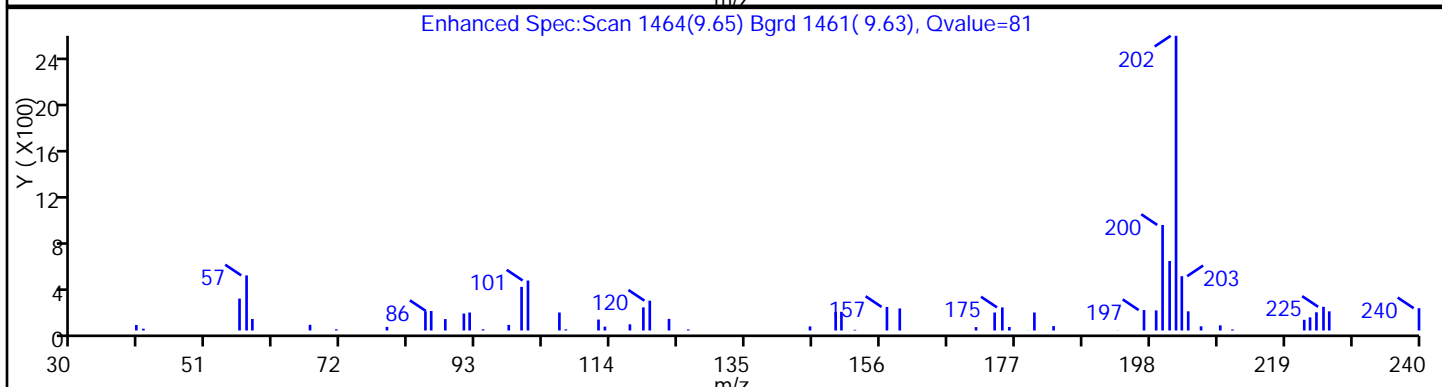
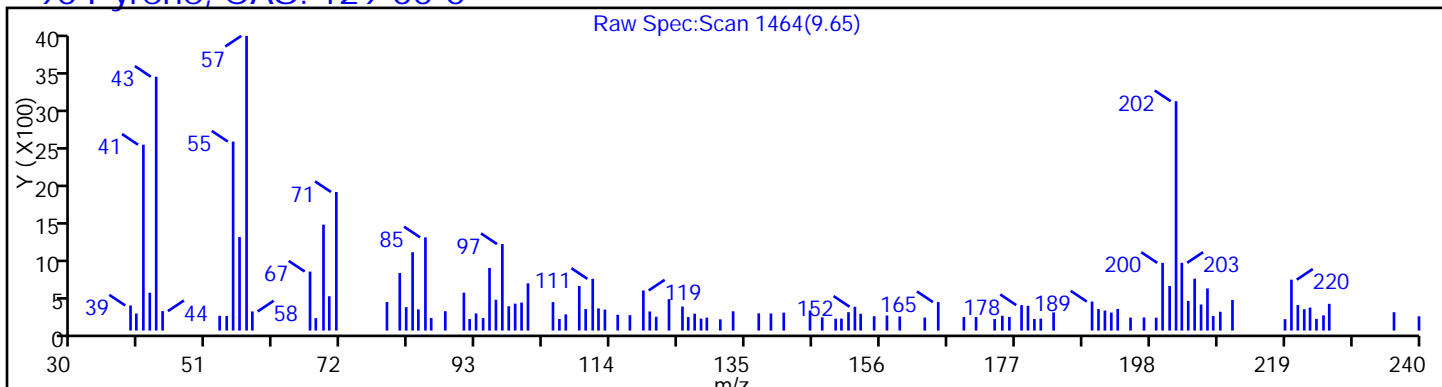
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15

Worklist Smp#: 15

Injection Vol: 1.0 ul

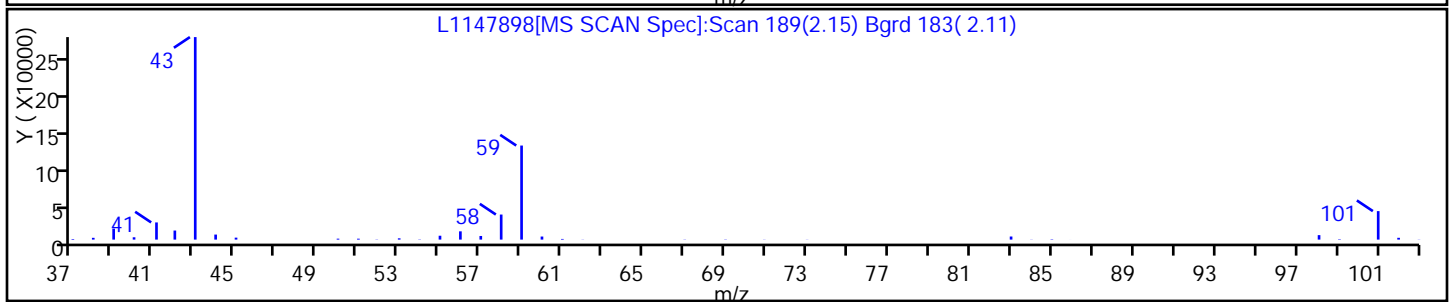
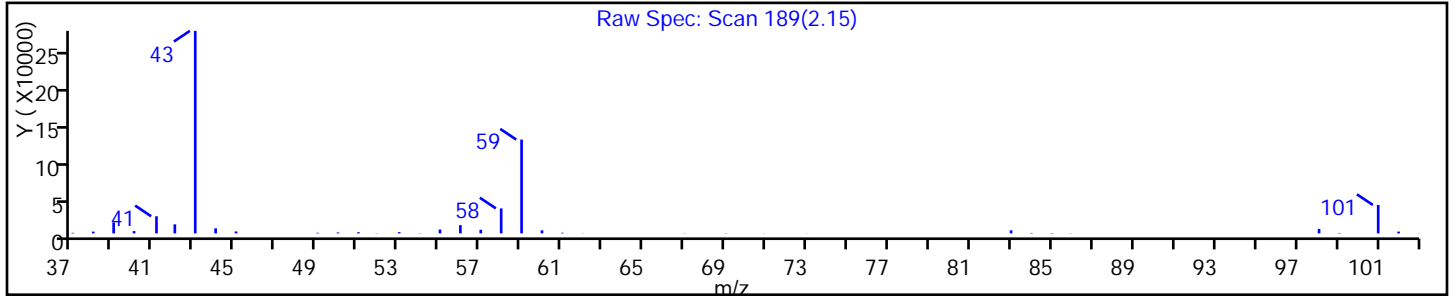
Dil. Factor: 5.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

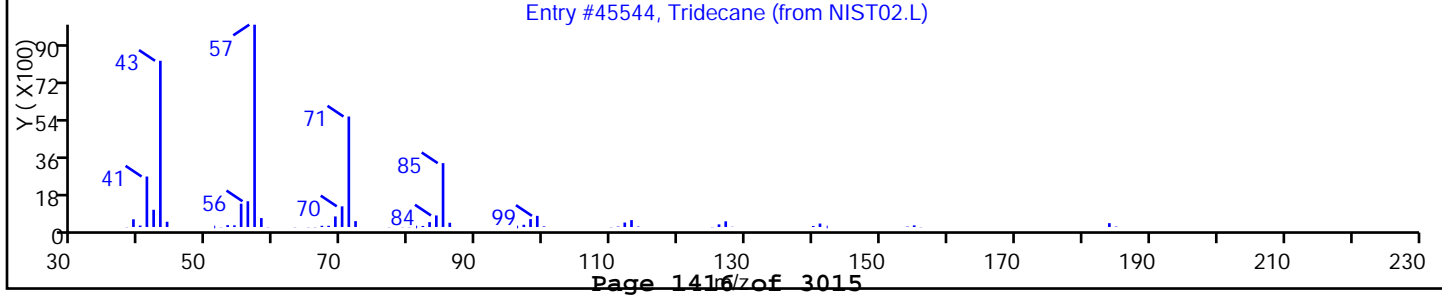
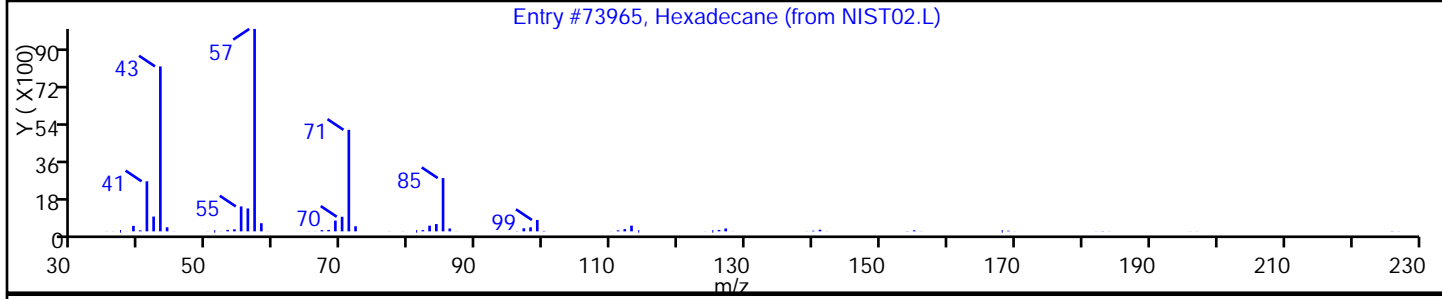
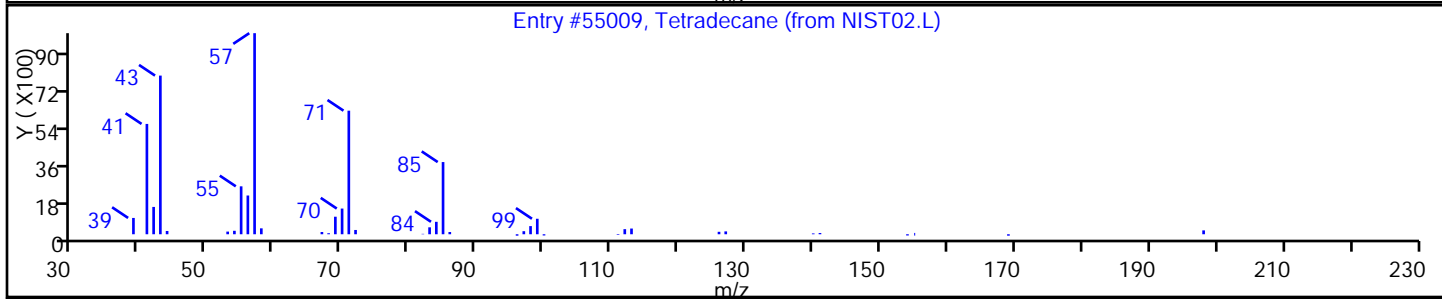
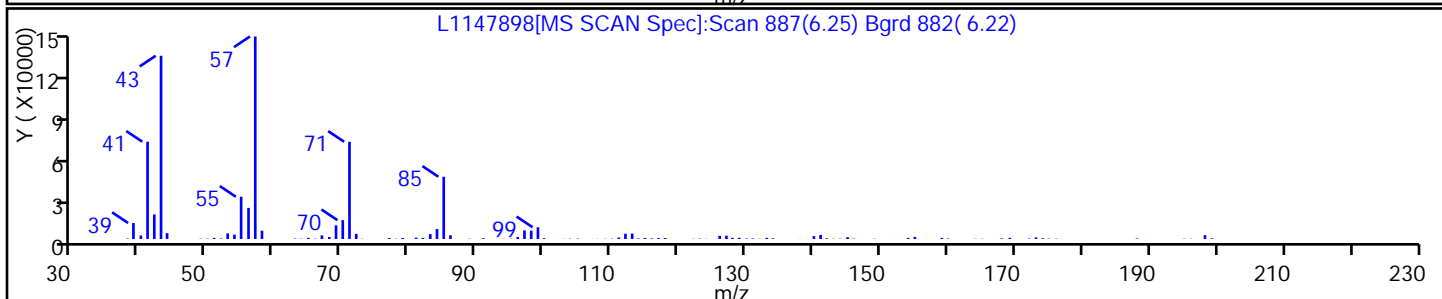
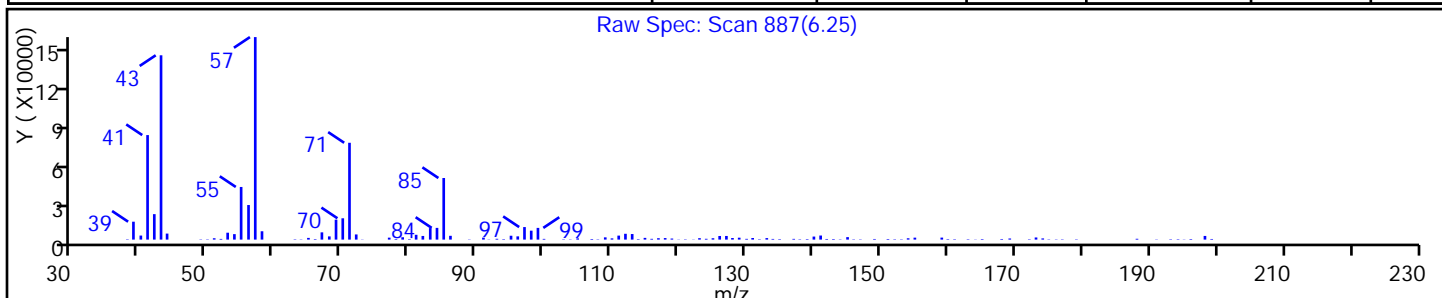
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	96
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

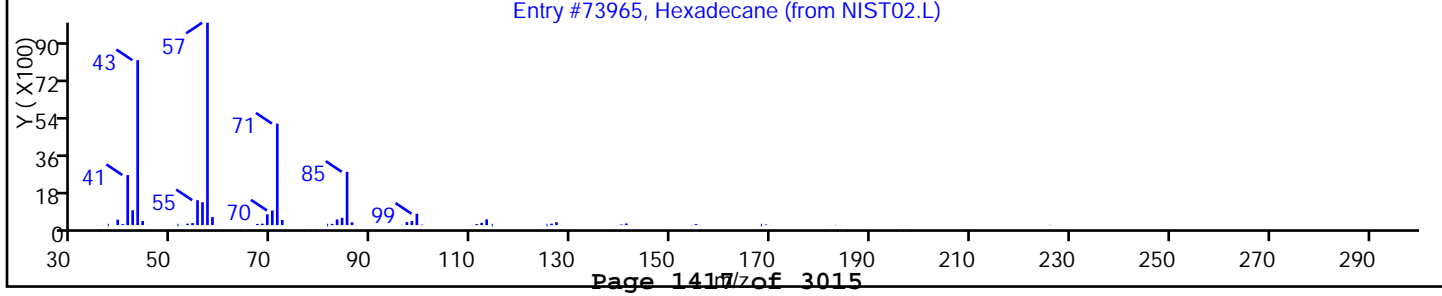
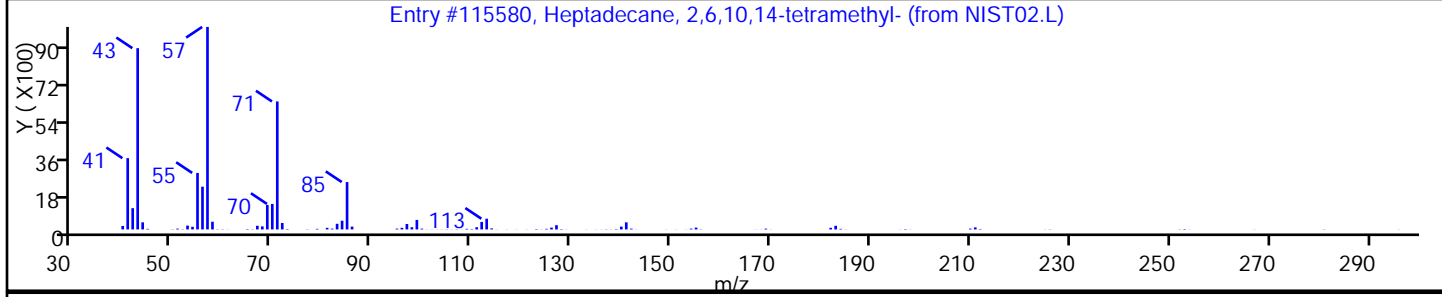
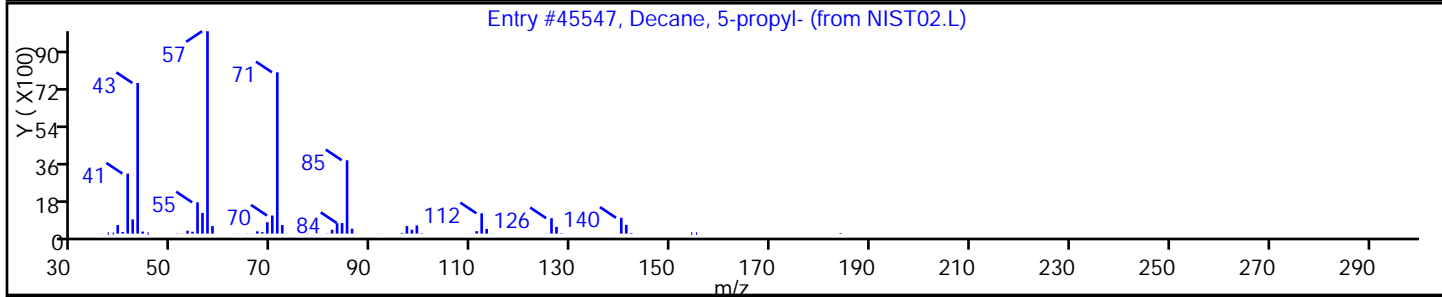
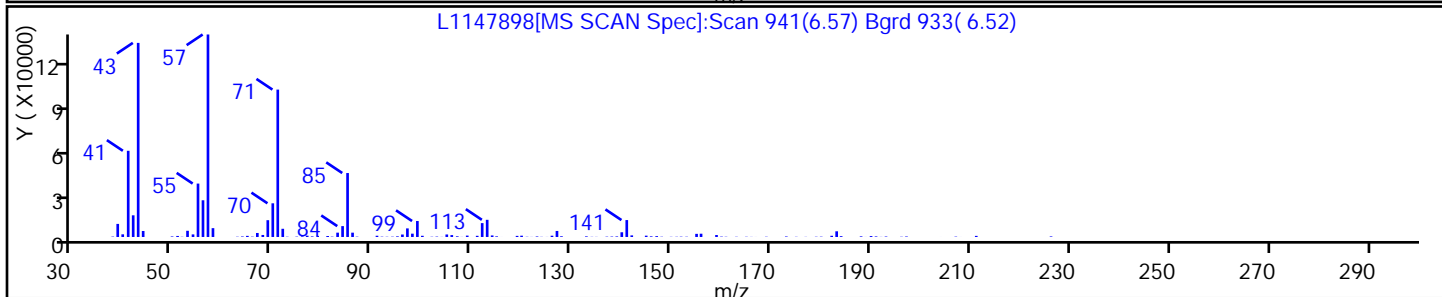
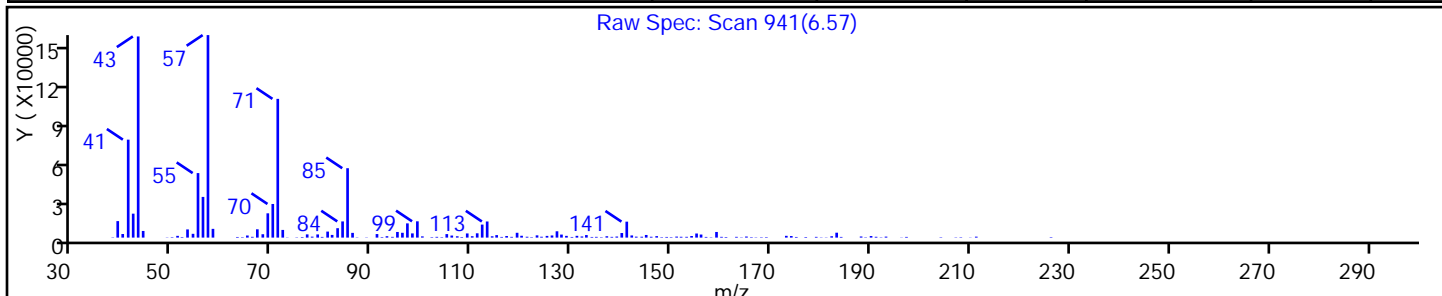
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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	90
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

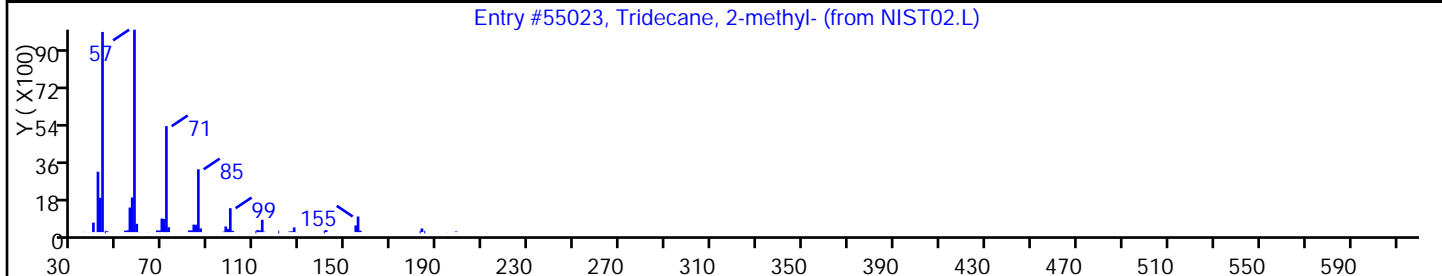
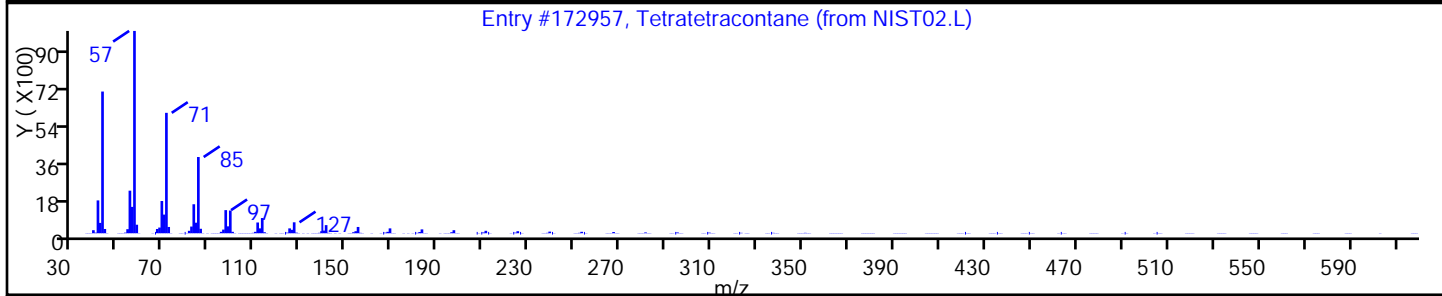
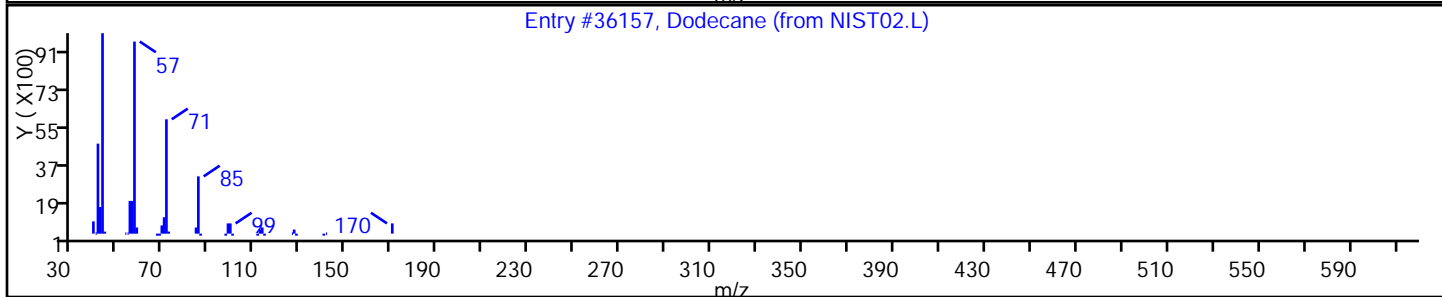
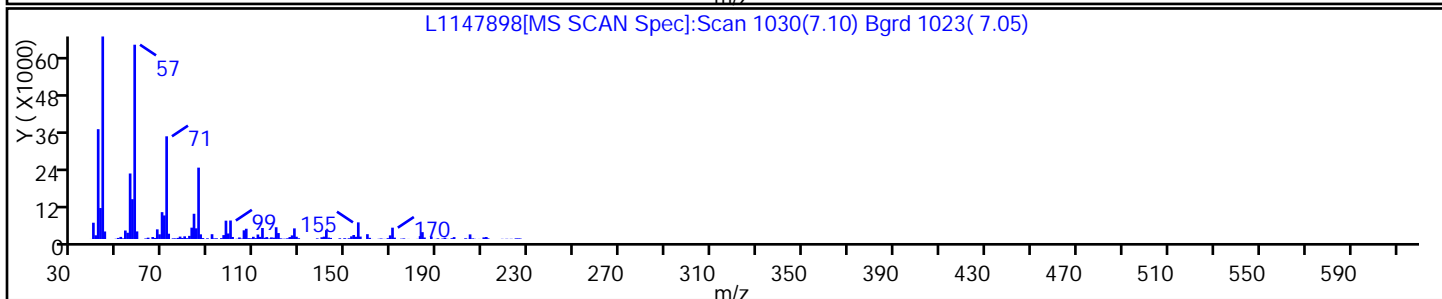
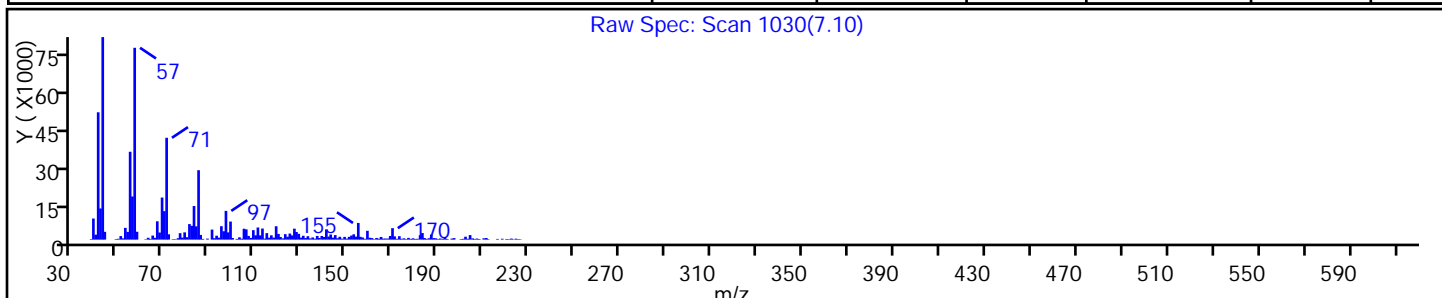
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36157	C12H26	170	90
Tetratetracontane	7098-22-8	NIST02.L	172957	C44H90	619	83
Tridecane, 2-methyl-	1560-96-9	NIST02.L	55023	C14H30	198	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

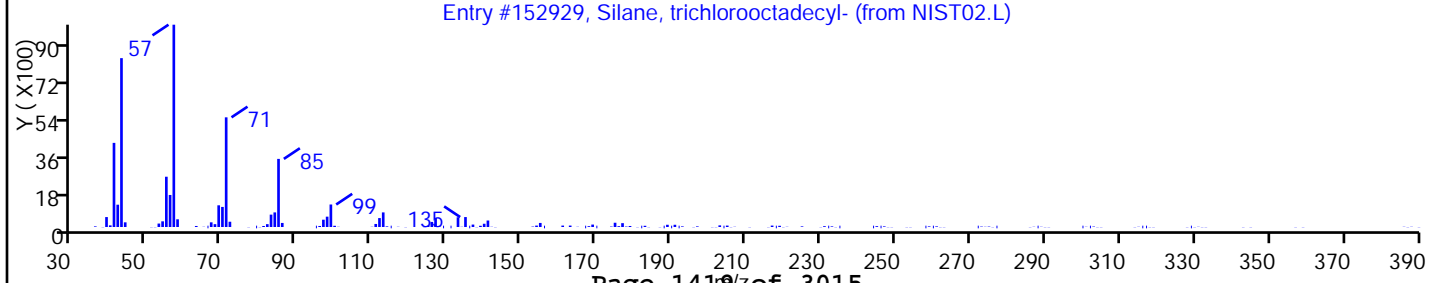
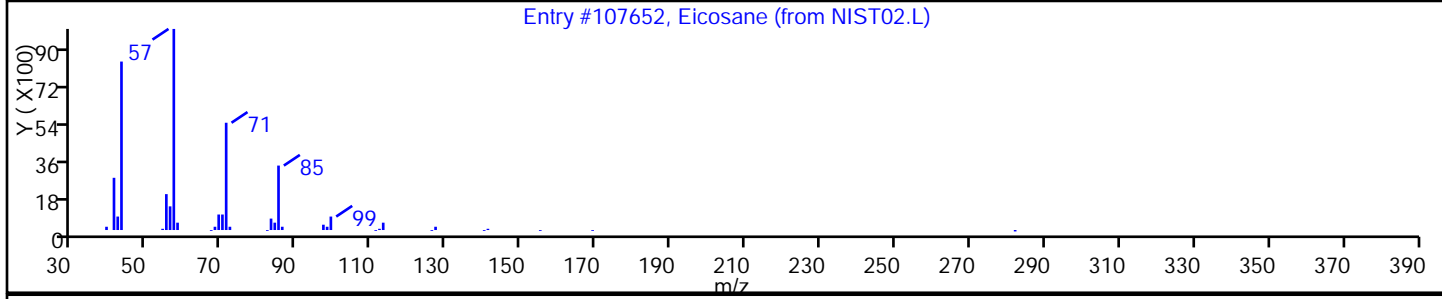
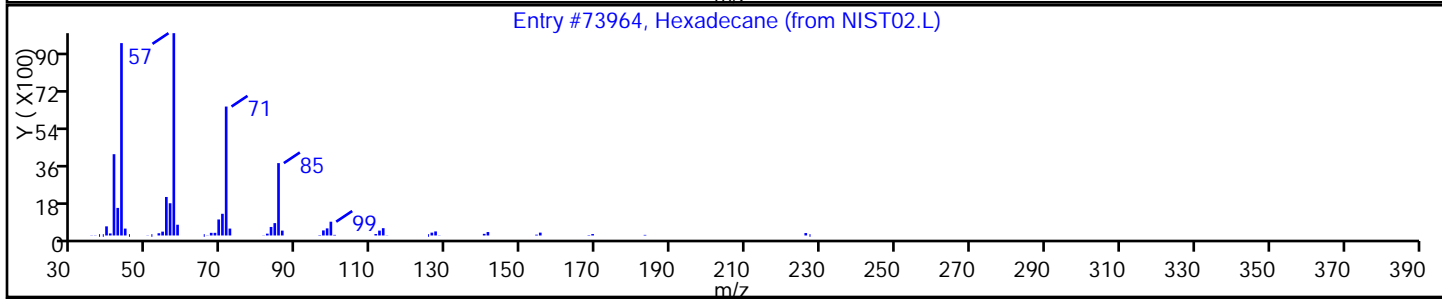
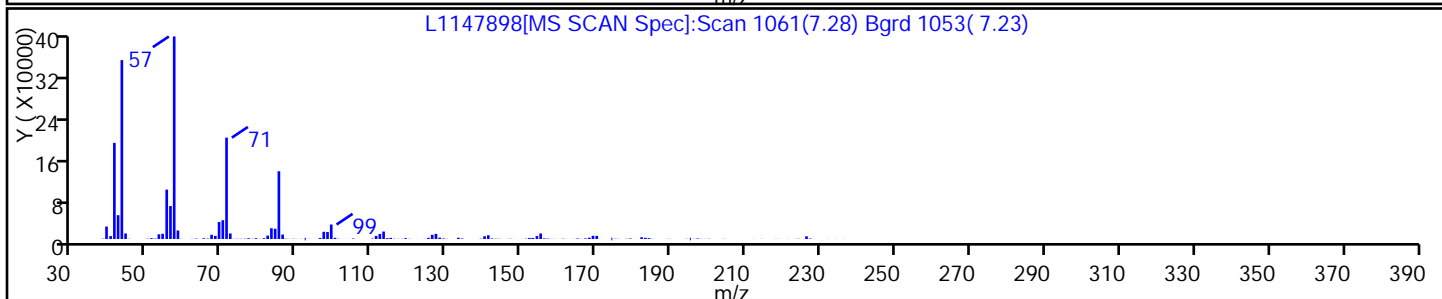
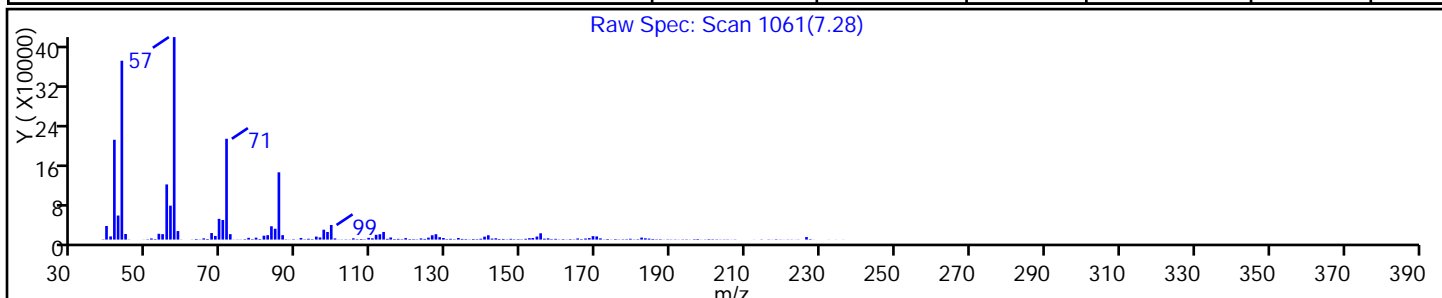
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	96
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Silane, trichlorooctadecyl-	112-04-9	NIST02.L	152929	C18H37Cl3Si	386	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

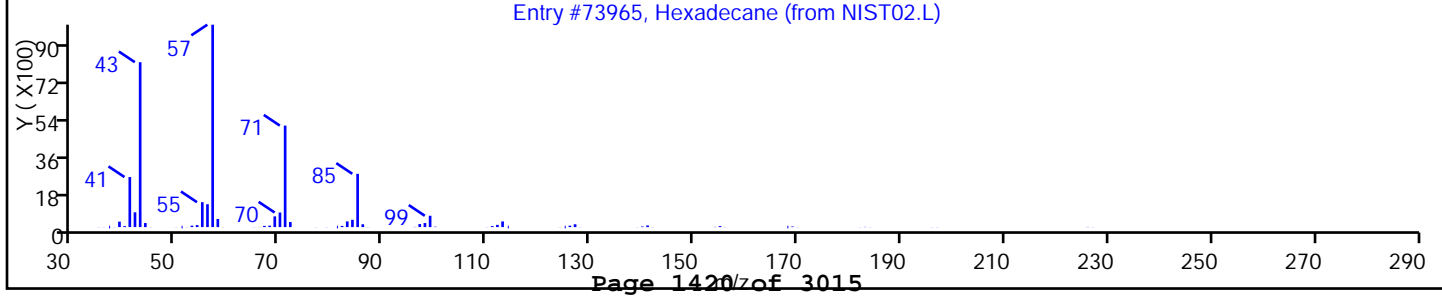
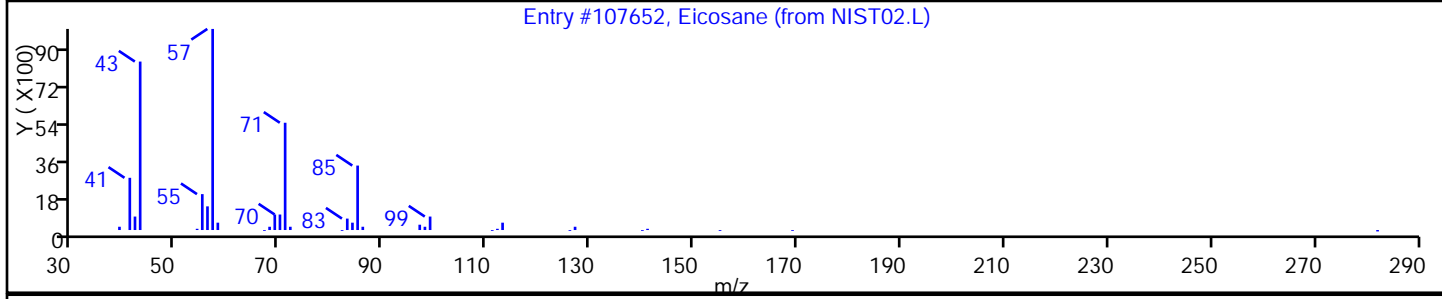
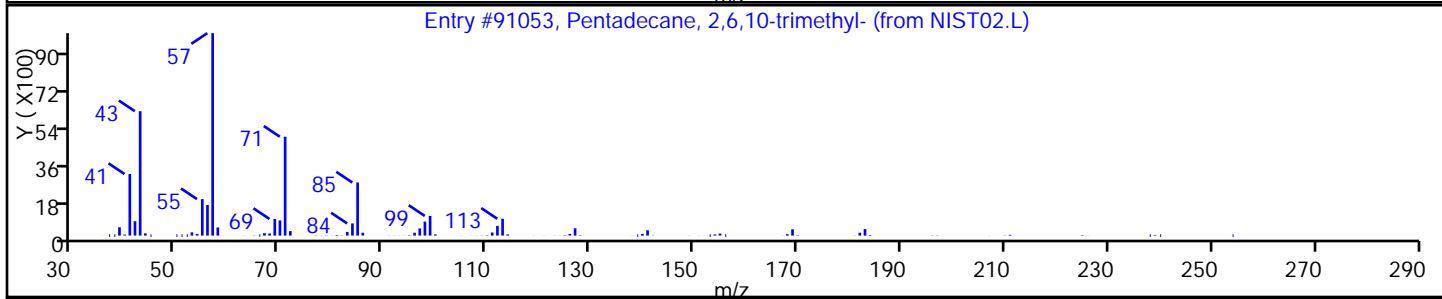
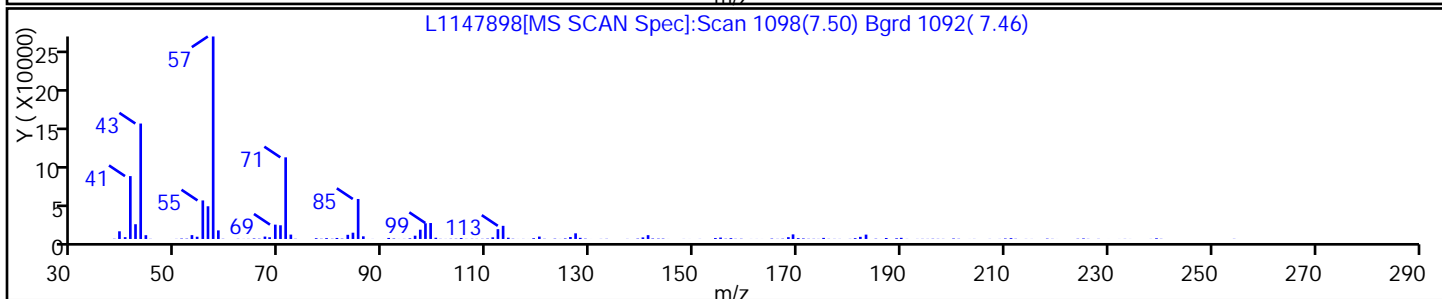
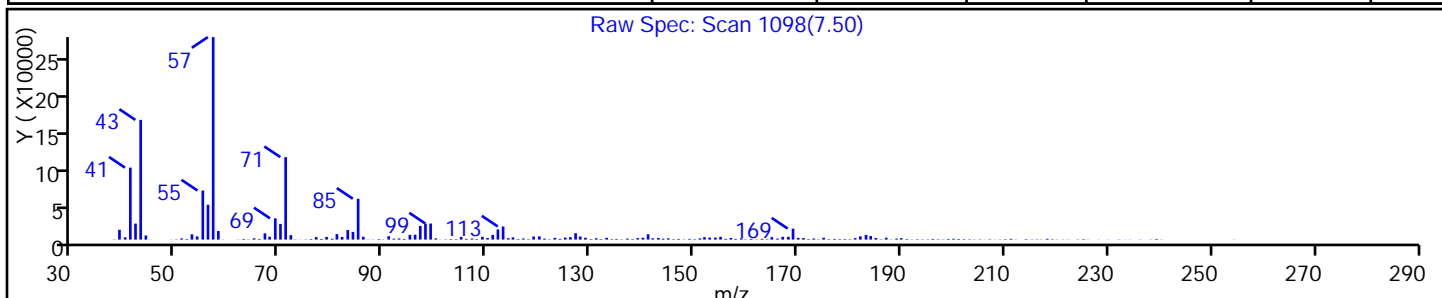
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	80
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

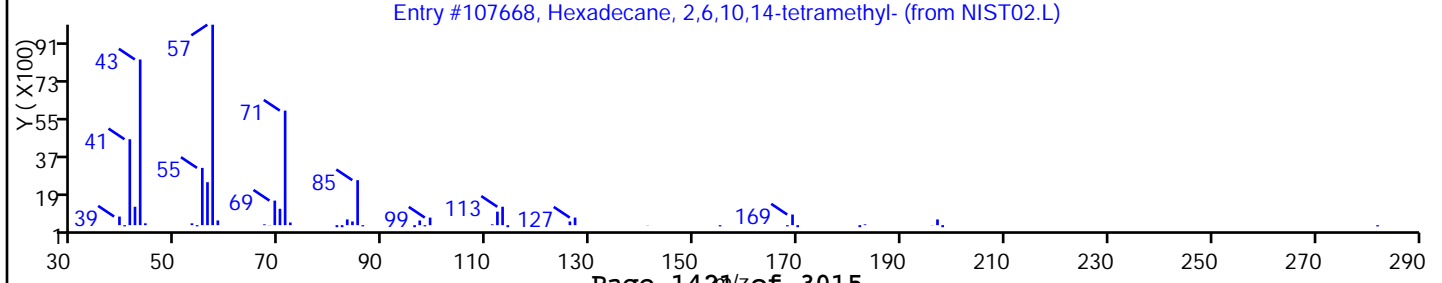
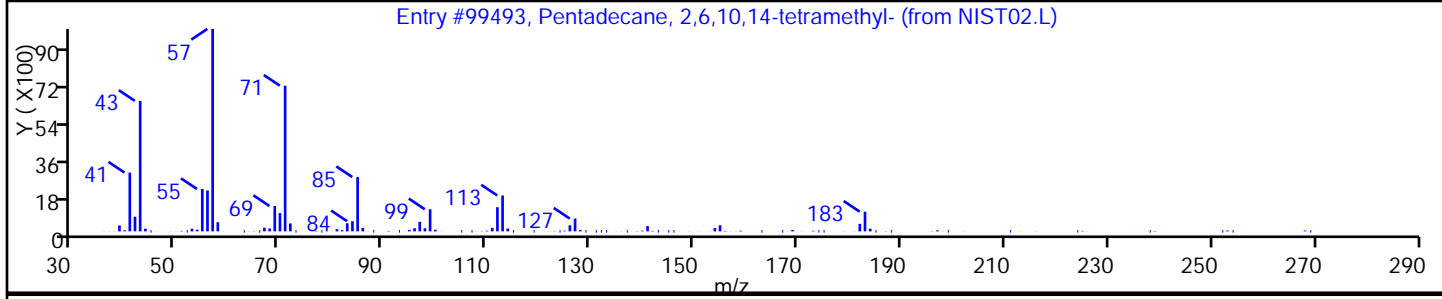
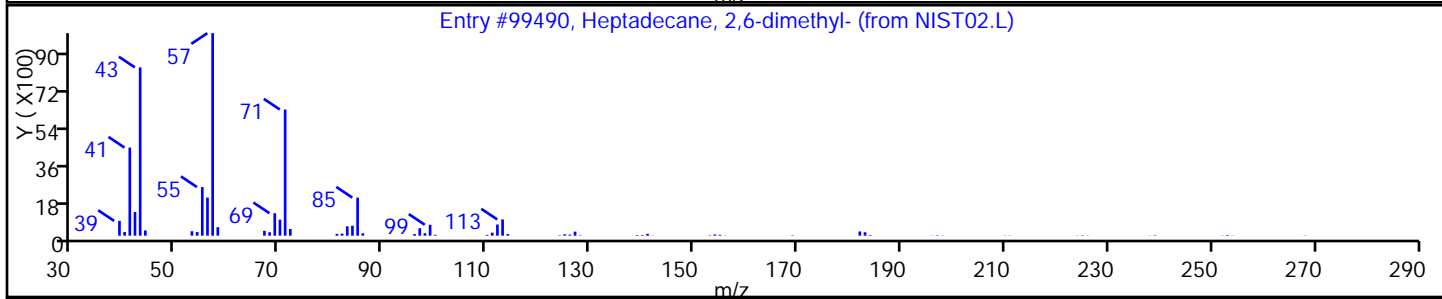
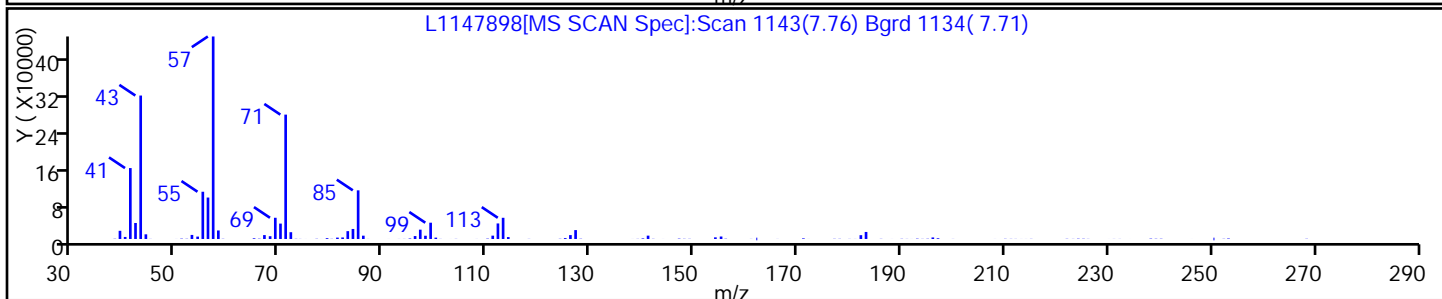
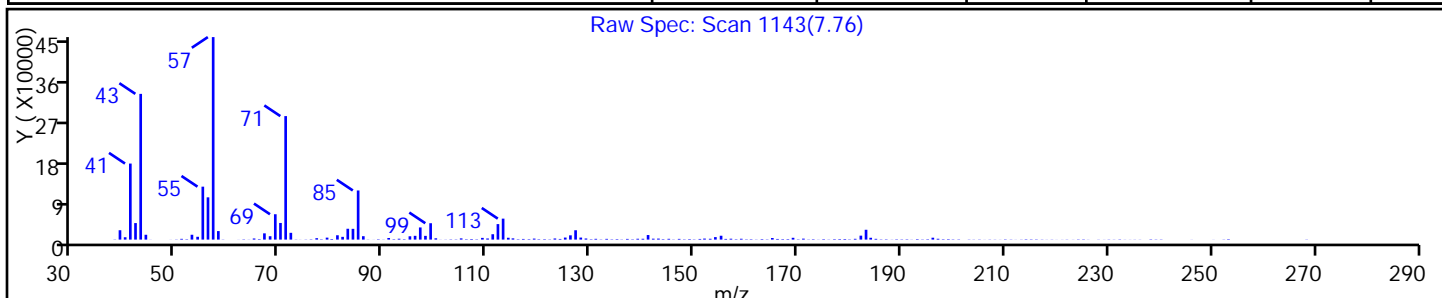
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	95
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	91
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107668	C20H42	282	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

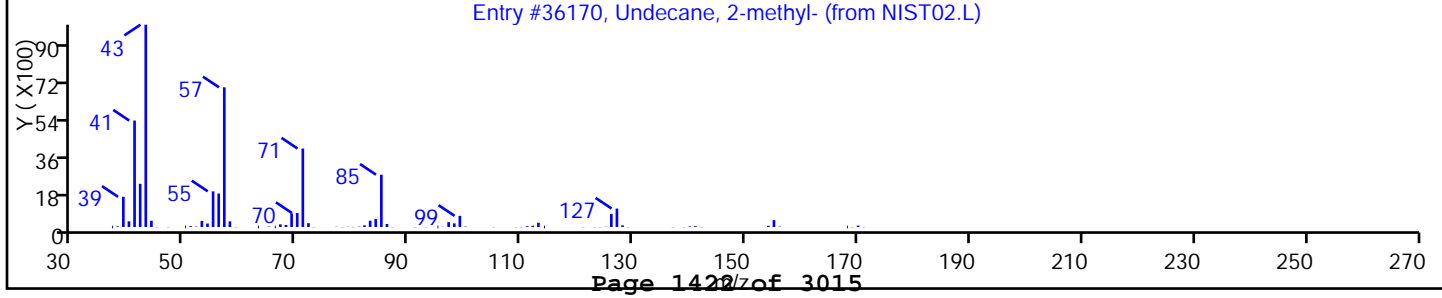
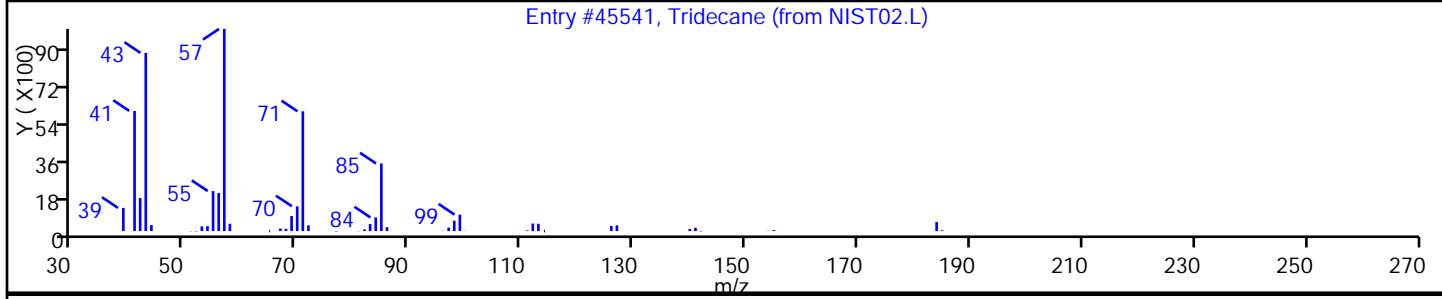
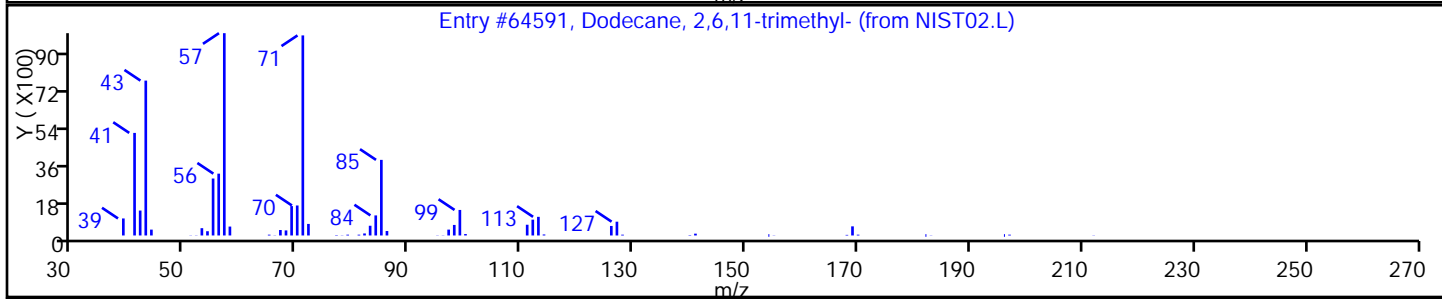
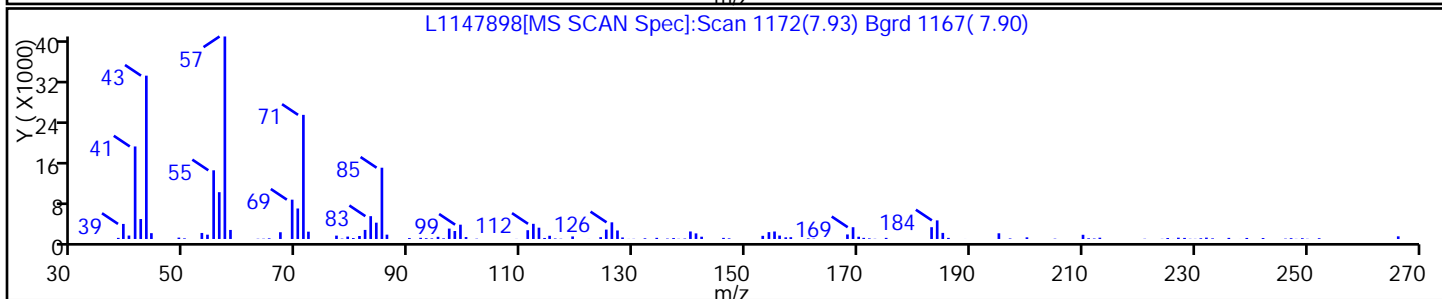
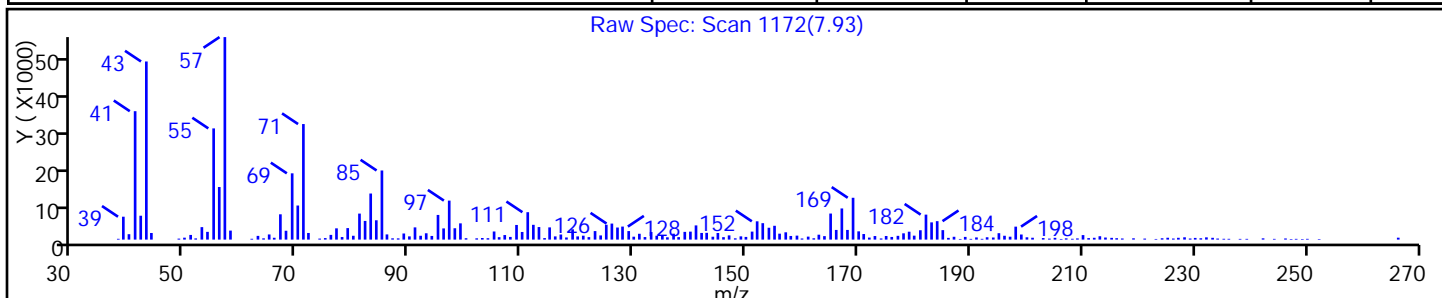
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	92
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	91
Undecane, 2-methyl-	7045-71-8	NIST02.L	36170	C12H26	170	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15

Worklist Smp#: 15

Injection Vol: 1.0 ul

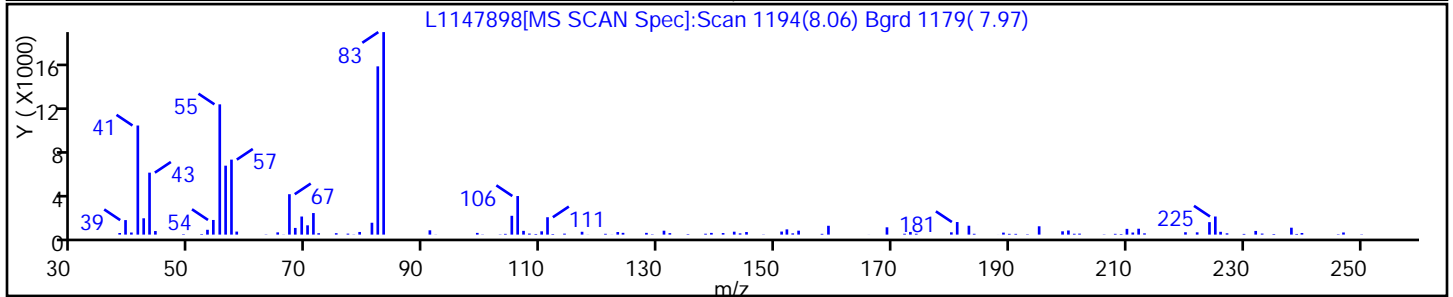
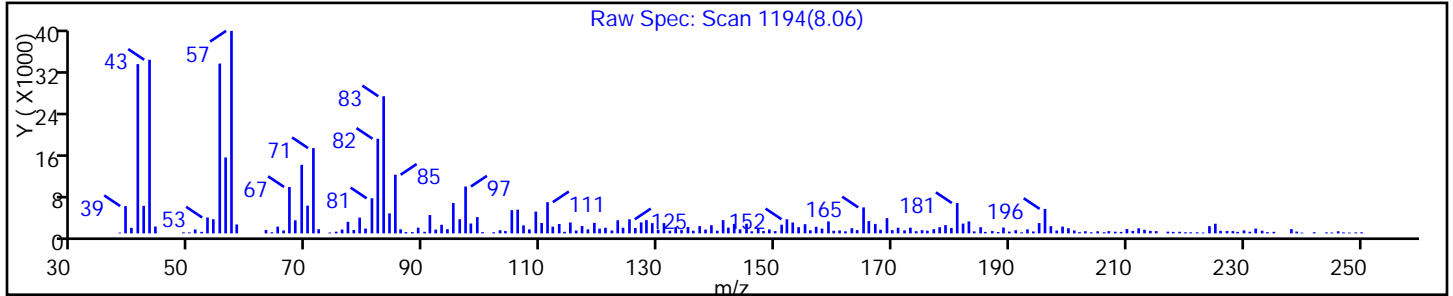
Dil. Factor: 5.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

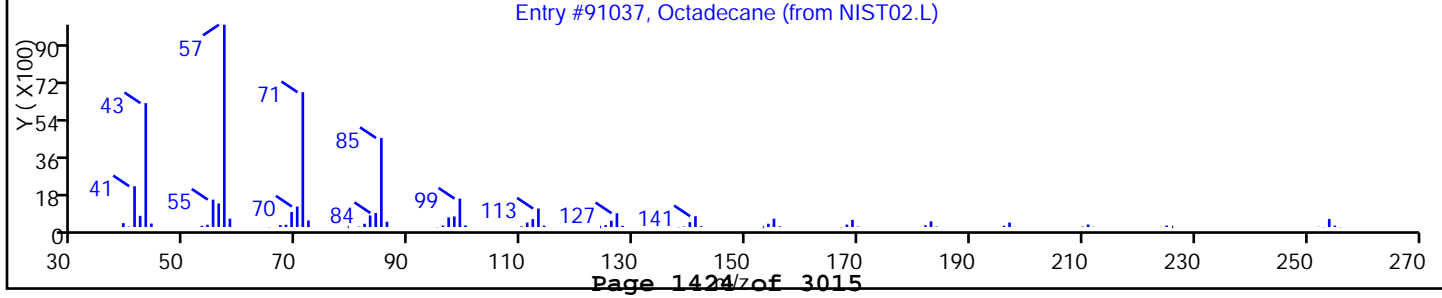
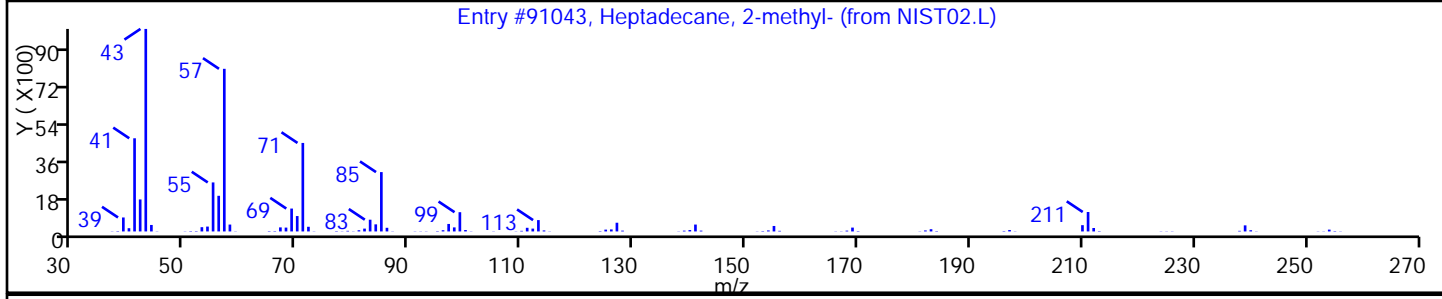
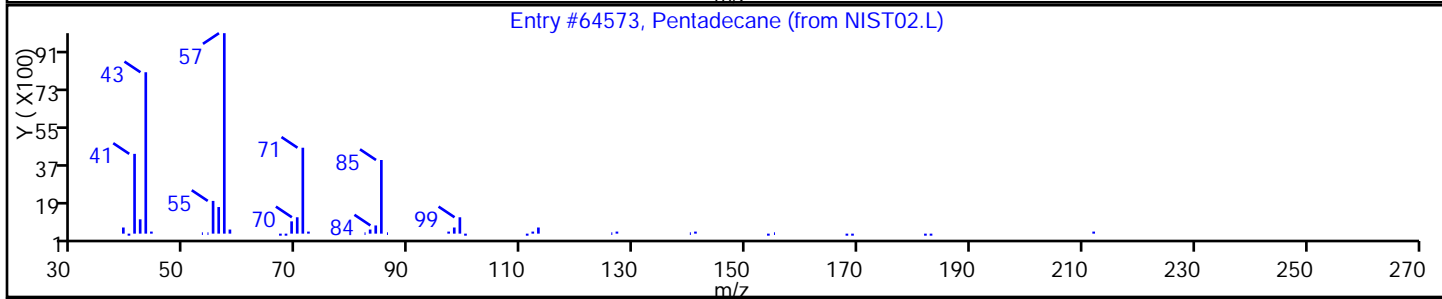
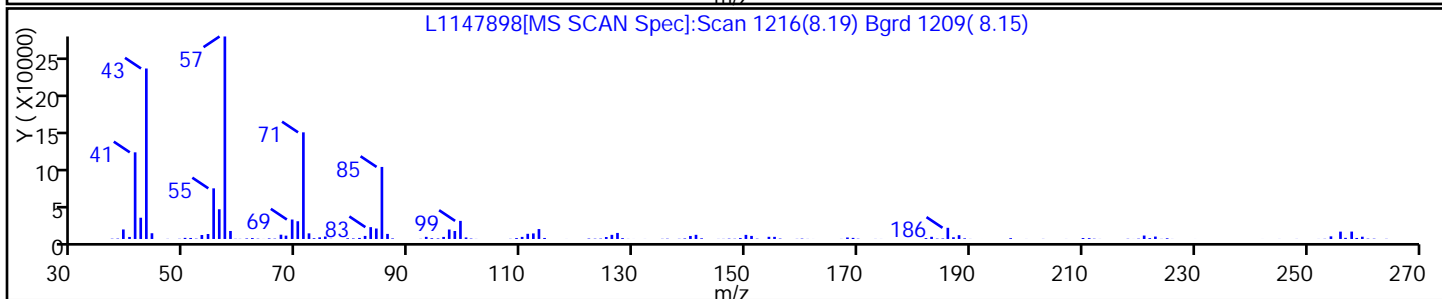
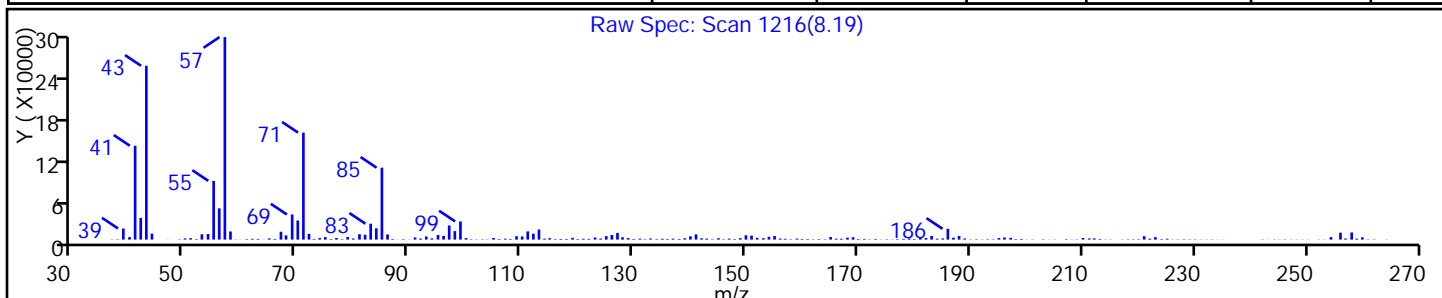
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64573	C15H32	212	95
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91043	C18H38	254	90
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15

Worklist Smp#: 15

Injection Vol: 1.0 ul

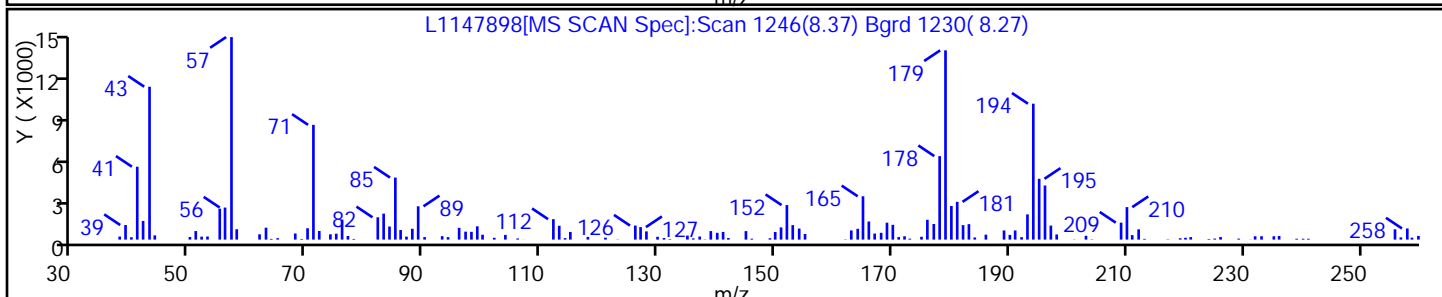
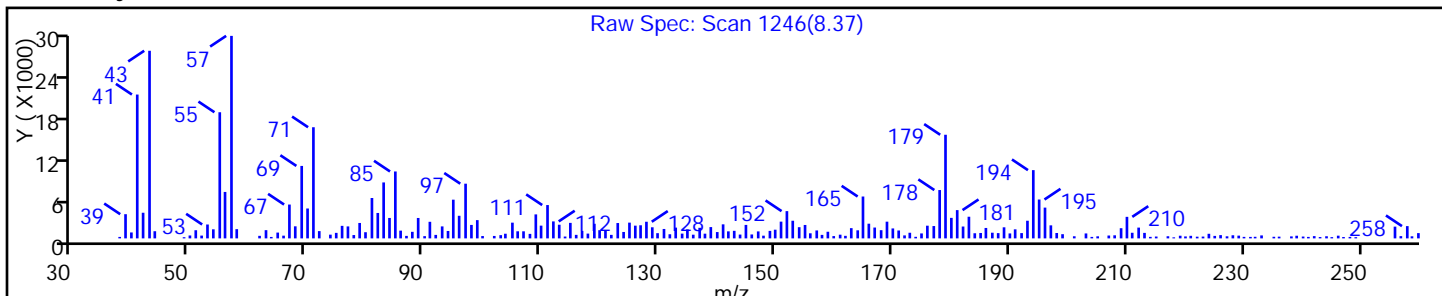
Dil. Factor: 5.0000

Method: 8270_12R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

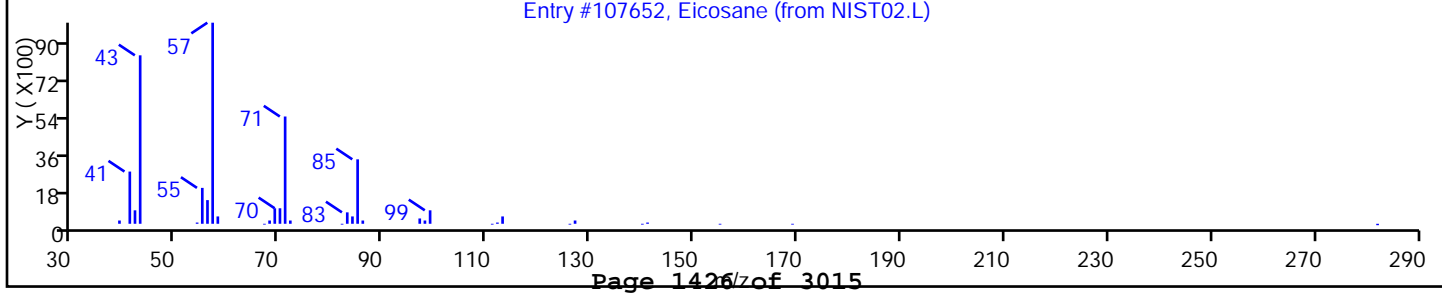
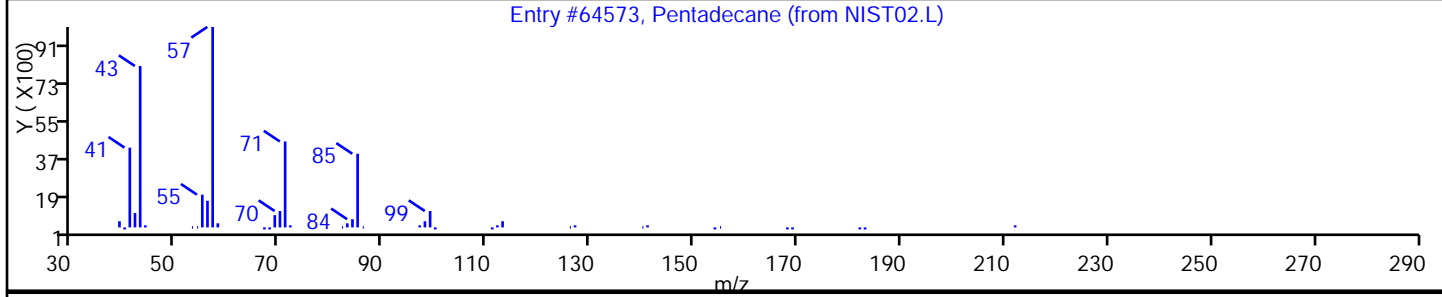
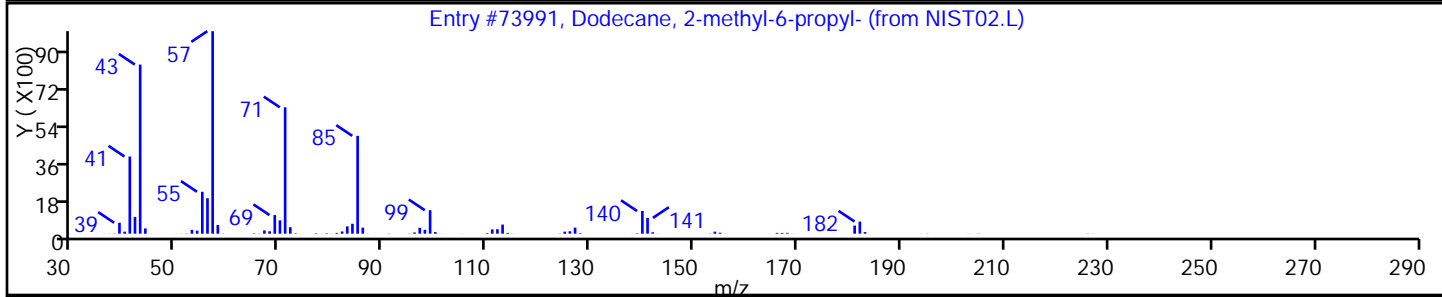
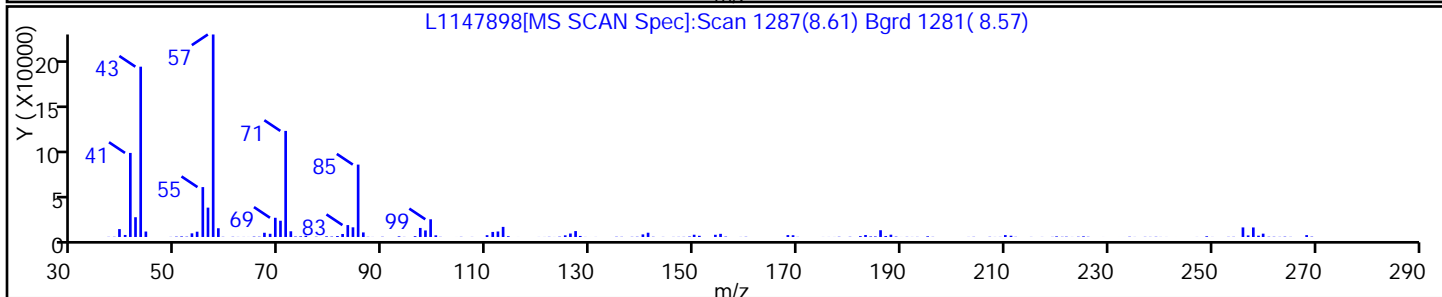
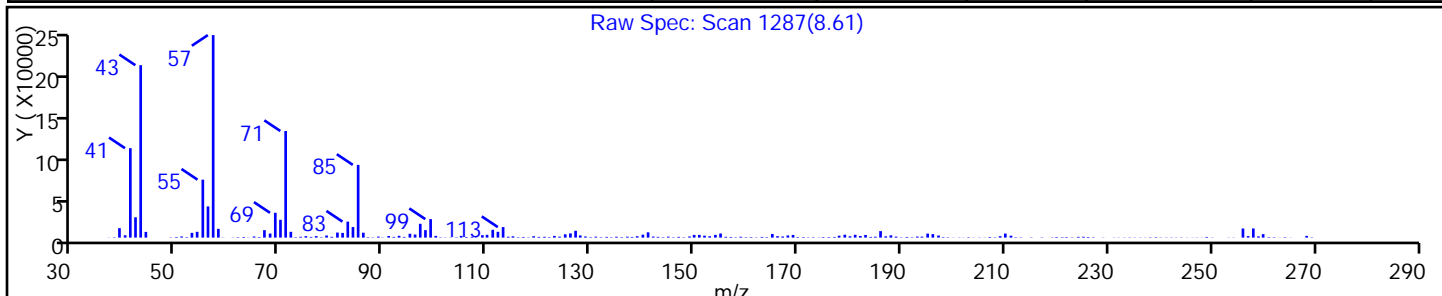
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	90
Pentadecane	629-62-9	NIST02.L	64573	C15H32	212	83
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

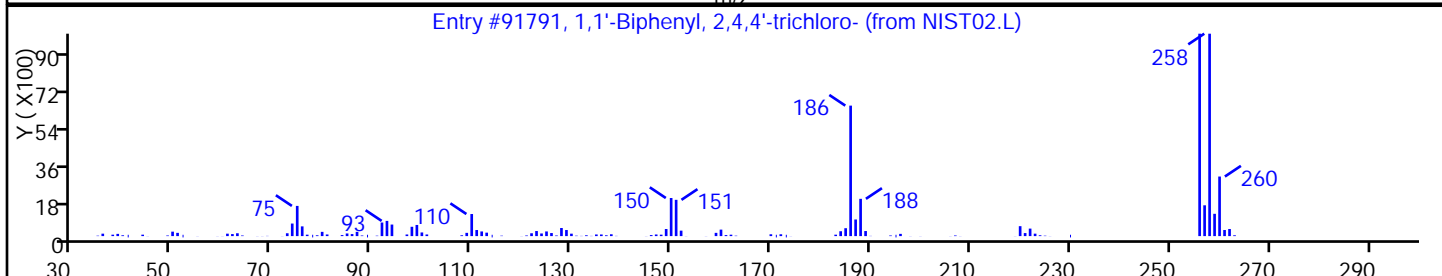
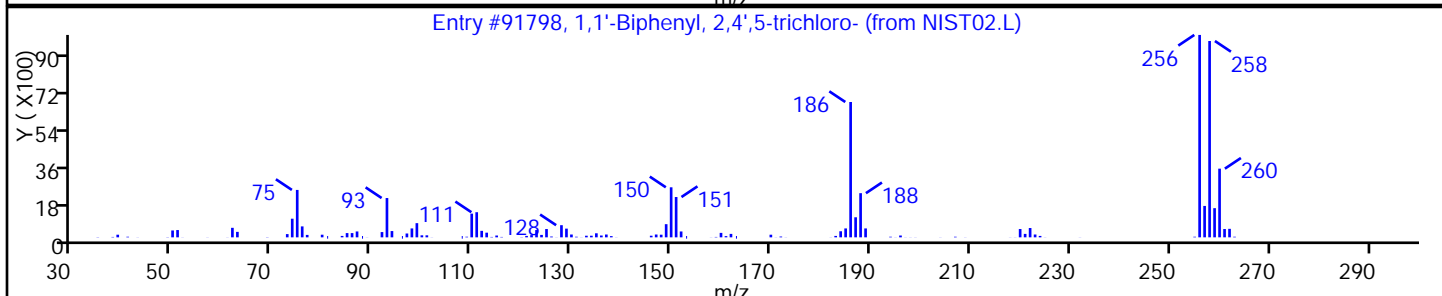
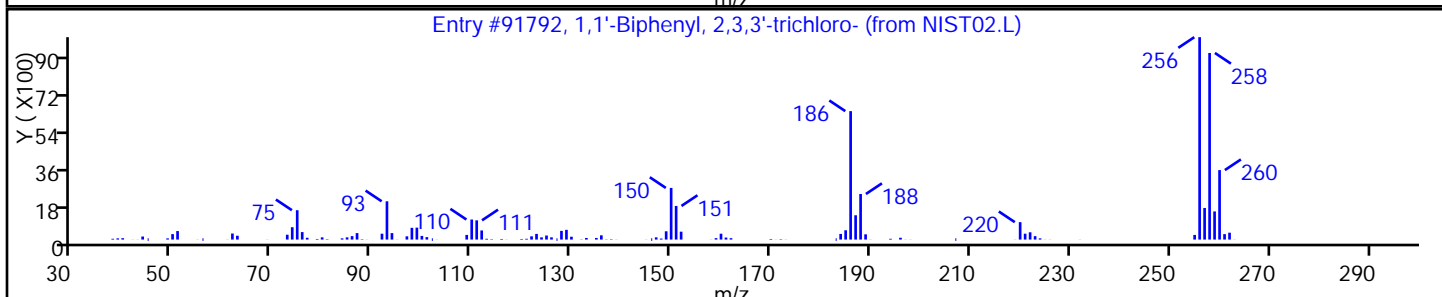
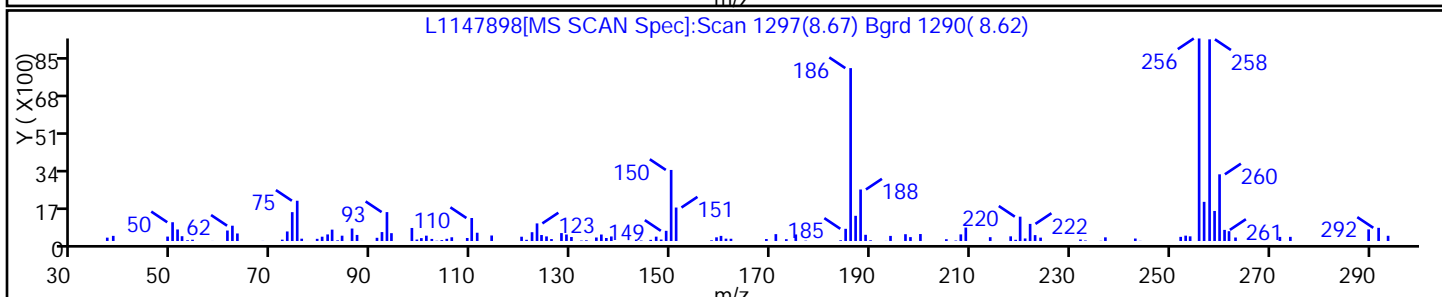
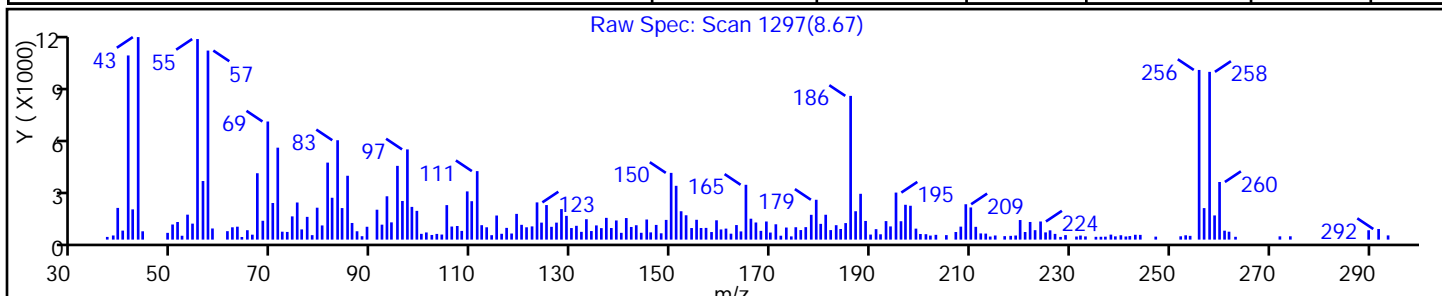
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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	91798	C12H7Cl3	256	95
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15

Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

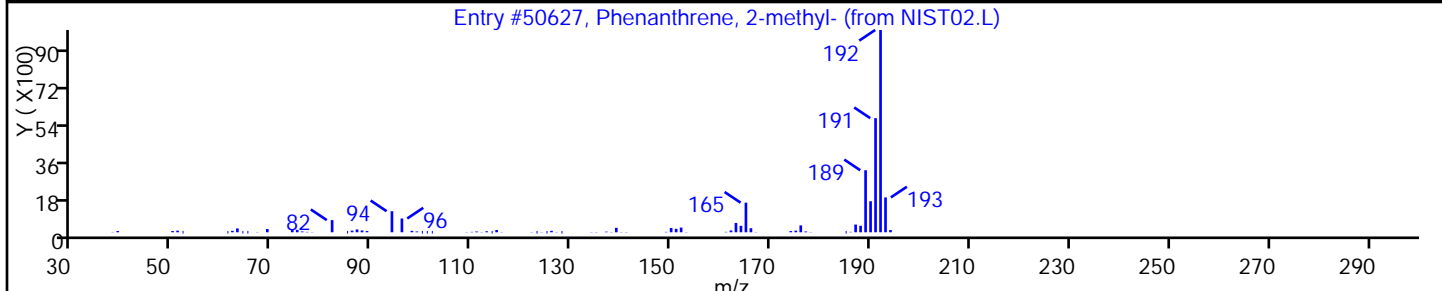
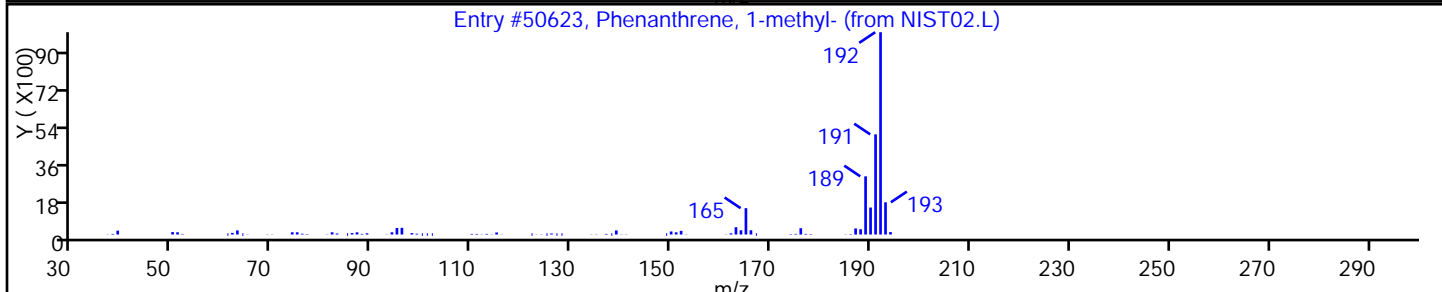
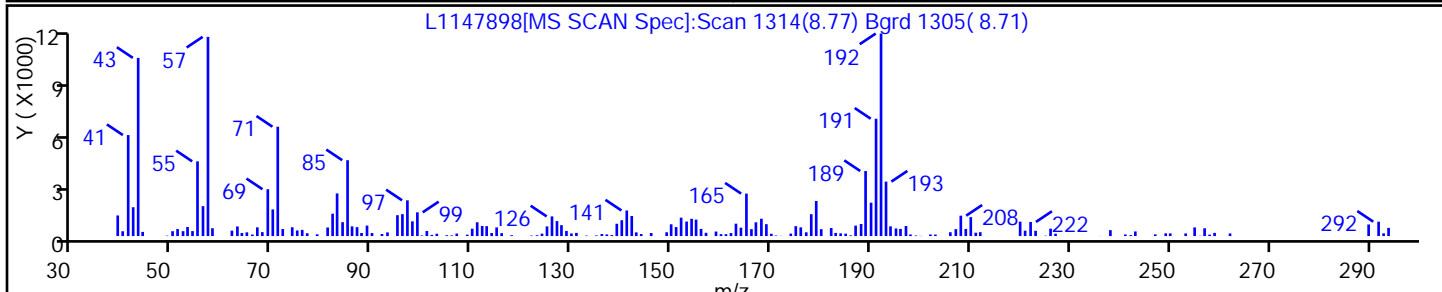
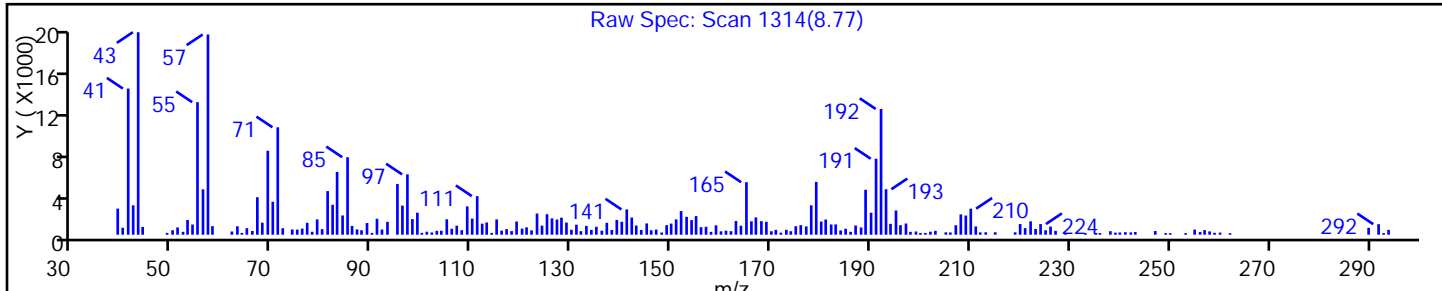
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	90
Phenanthrene, 2-methyl-	2531-84-2	NIST02.L	50627	C15H12	192	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147898.D

Injection Date: 12-Mar-2014 12:03:30

Instrument ID: CBNAMS12

Lims ID: 460-72180-E-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID: BNA 12

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

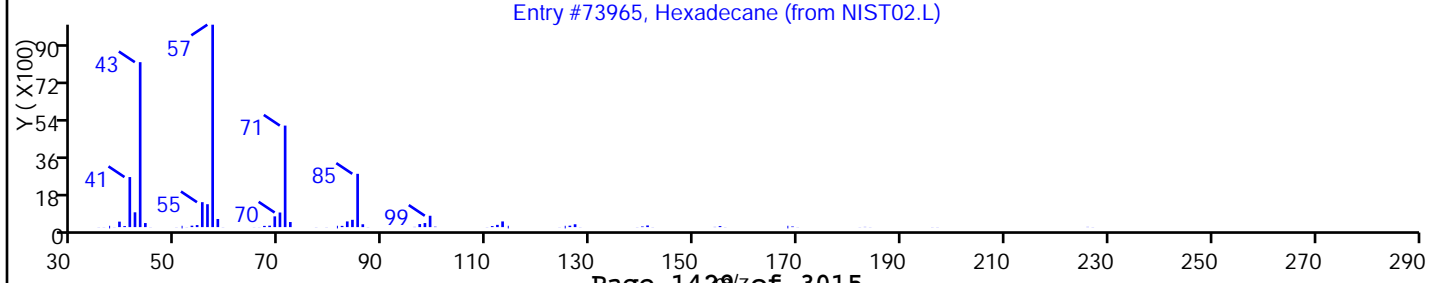
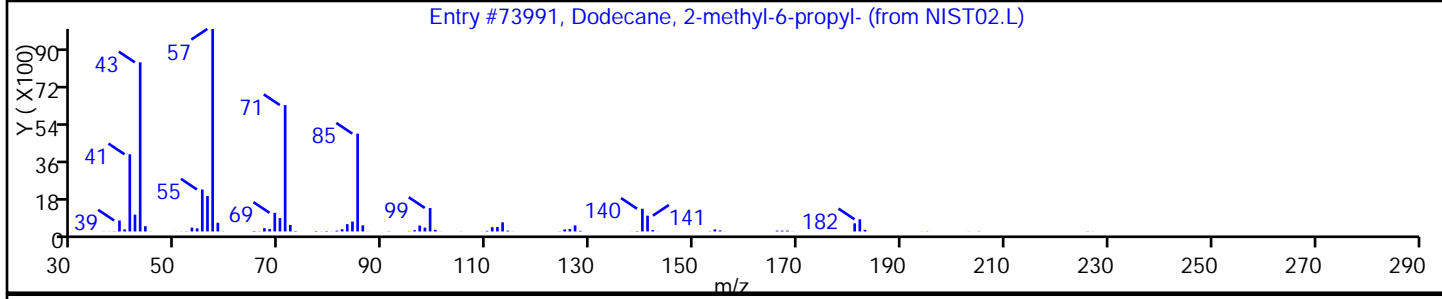
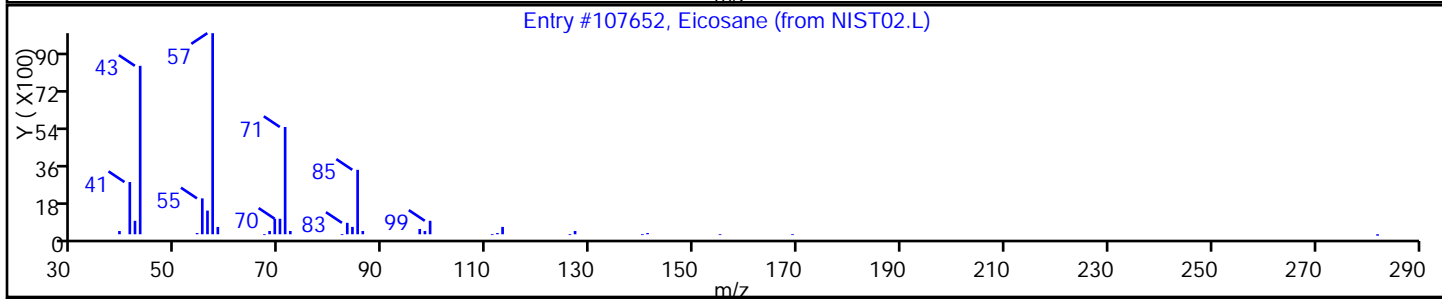
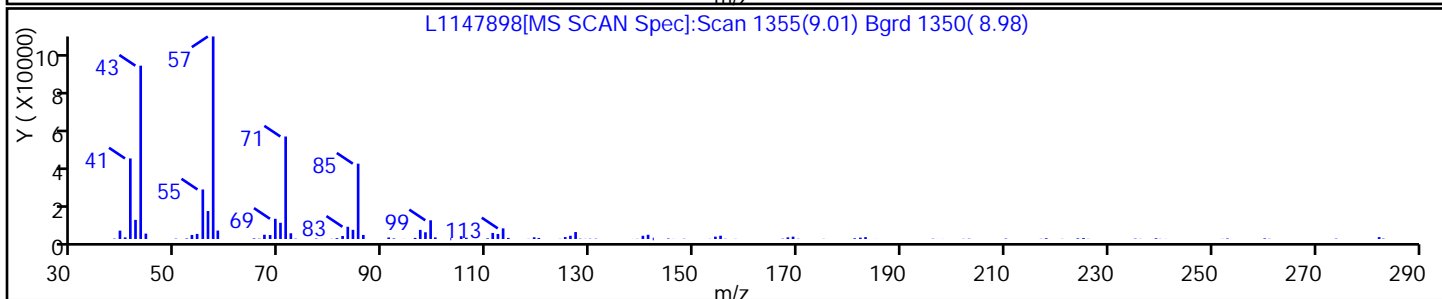
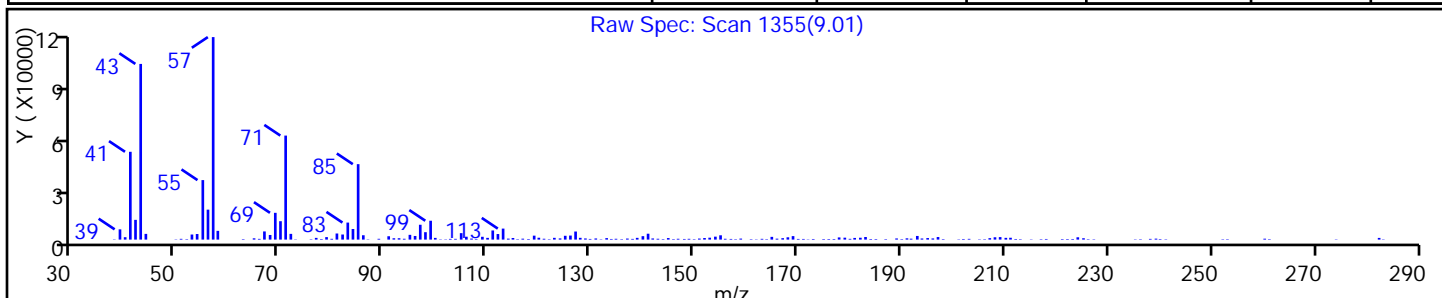
Method: 8270_12R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	94
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: U94474.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 10:36
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	5.3	U	38	5.3
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	70	J	380	50
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	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	380	46
208-96-8	Acenaphthylene	46	U	380	46
99-09-2	3-Nitroaniline	140	U	780	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: U94474.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 10:36
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	46	U	380	46
86-73-7	Fluorene	290	J	380	49
206-44-0	Fluoranthene	51	U	380	51
84-74-2	Di-n-butyl phthalate	48	U	380	48
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	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	380	38
1912-24-9	Atrazine	60	U	380	60
120-12-7	Anthracene	47	U	380	47
86-74-8	Carbazole	46	U	380	46
85-01-8	Phenanthrene	510		380	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	160	J	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	29	U	380	29
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	4.9	U	38	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	780	140
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: U94474.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 10:36
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	94		40-106
4165-62-2	Phenol-d5	97		44-104
1718-51-0	Terphenyl-d14	102		41-145
118-79-6	2,4,6-Tribromophenol	118	X	19-114
367-12-4	2-Fluorophenol	87		39-103
321-60-8	2-Fluorobiphenyl	105		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-17SW-SI</u>	Lab Sample ID: <u>460-72180-9</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94474.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 10:40</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>03/12/2014 10:36</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212014</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>104300</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	6.14	3400	J
629-50-5	Tridecane	6.31	3700	J N
	Unknown	7.73	2500	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.41	20000	J N
	Unknown	8.57	8000	J
	Unknown	8.69	6000	J
593-45-3	n-Octadecane	8.82	17000	E
	Unknown alkane	9.11	8500	J
629-92-5	Nonadecane	9.23	12000	J N
	Unknown	9.40	3200	J
112-95-8	Eicosane	9.62	4400	J N
	Unknown	9.88	4800	J
629-94-7	Heneicosane	9.99	2900	J N
	Unknown alkane	10.72	4200	J
629-78-7	Heptadecane	10.86	3700	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D
 Lims ID: 460-72180-E-9-C Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 10:36:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-015
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:26:47 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: croccom

Date: 12-Mar-2014 15:50:46

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.133	3.121	0.012	85	241844	43.6	
\$ 6 Phenol-d5	99	4.054	4.068	-0.014	83	325076	48.5	
* 13 1,4-Dichlorobenzene-d4	152	4.415	4.410	0.005	99	126758	40.0	
\$ 25 Nitrobenzene-d5	82	4.963	4.977	-0.014	93	305850	47.0	
* 35 Naphthalene-d8	136	5.685	5.690	-0.005	99	528706	40.0	
41 2-Methylnaphthalene	142	6.399	6.402	-0.003	51	6954	0.8972	
42 1-Methylnaphthalene	142	6.504	6.508	-0.004	50	6927	1.03	
\$ 48 2-Fluorobiphenyl	172	6.768	6.765	0.003	96	350170	52.5	
55 1,3-Dimethylnaphthalene	156	7.105	7.100	0.005	85	76665	17.6	
52 1-Naphthylamine	143	7.184	7.193	-0.009	1	13193	NC	
51 2-Naphthylamine	143	7.217	7.193	0.024	13	8040	NC	
* 61 Acenaphthene-d10	164	7.442	7.436	0.006	87	195580	40.0	
70 Fluorene	166	7.991	7.974	0.017	2	20425	3.68	
\$ 76 2,4,6-Tribromophenol	330	8.238	8.219	0.019	47	44297	58.9	
82 n-Octadecane	57	8.824	8.785	0.039	93	1602848	218.3	E
* 83 Phenanthrene-d10	188	8.914	8.891	0.023	87	281957	40.0	
84 Phenanthrene	178	8.936	8.924	0.012	69	51356	6.53	
90 Pyrene	202	10.313	10.303	0.010	92	11816	2.05	
\$ 91 Terphenyl-d14	244	10.470	10.465	0.005	98	216518	51.2	
* 96 Chrysene-d12	240	11.660	11.661	-0.001	98	182097	40.0	
* 103 Perylene-d12	264	13.576	13.580	-0.004	99	158963	40.0	
116 4,4'-DDT	235	7.935	7.968	-0.033	1	381	NR	7

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D
 Lims ID: 460-72180-E-9-C Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 10:36:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-015
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:26:47 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: XAWRK021
 First Level Reviewer: croccom Date: 12-Mar-2014 15:50:46

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.141	1520144	44.1	35					
	629-50-5							
6.306	1645516	47.7	35	93	45540	C13H28	184	
7.733	11448298	31.7	61					
	1921-70-6							
8.407	20067260	262.3	83	90	99492	C19H40	268	
8.565	7872479	102.9	83					
8.688	5902532	77.2	83					
9.106	8380095	109.5	83	0	0		0	
	629-92-5							
9.230	11407250	149.1	83	97	99477	C19H40	268	
9.399	3138964	41.0	83					
	112-95-8							
9.624	4359258	57.0	83	98	107652	C20H42	282	
9.884	4763734	62.3	83					
	629-94-7							
9.986	2875697	37.6	83	94	115569	C21H44	296	

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
10.155	2103558	27.5	83	96	111739	C12H6Cl4	290	
10.718	767702	54.4	96	0	0		0	
10.864	663317	47.0	96	87	82607	C17H36	240	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.685	1380093	40.0
* 61 Acenaphthene-d10	7.419	14451981	40.0
* 83 Phenanthrene-d10	8.914	3060073	40.0
* 96 Chrysene-d12	11.649	564392	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Worklist Smp#: 15

Client ID: PMP-17SW-SI

Injection Vol: 1.0 ul

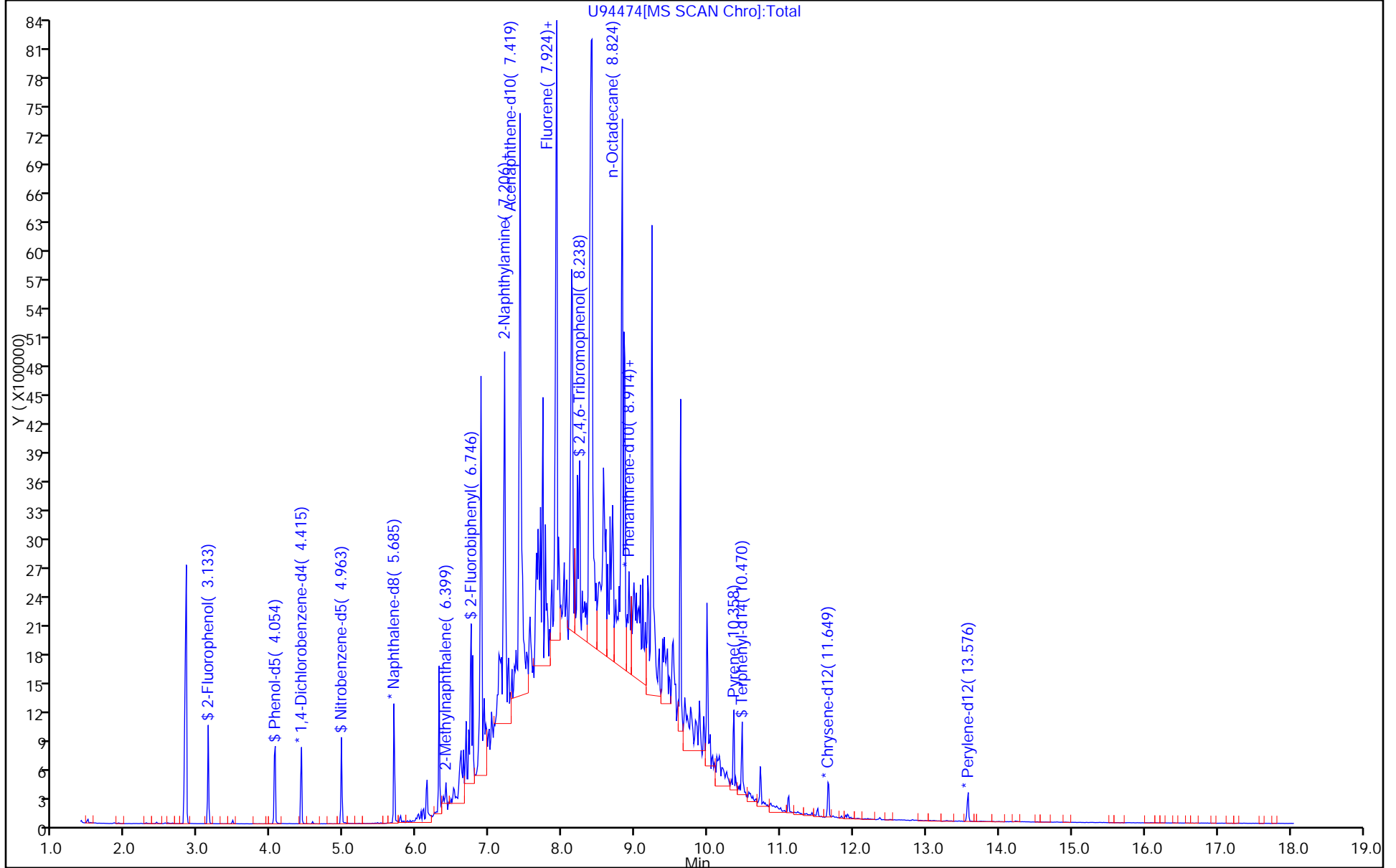
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

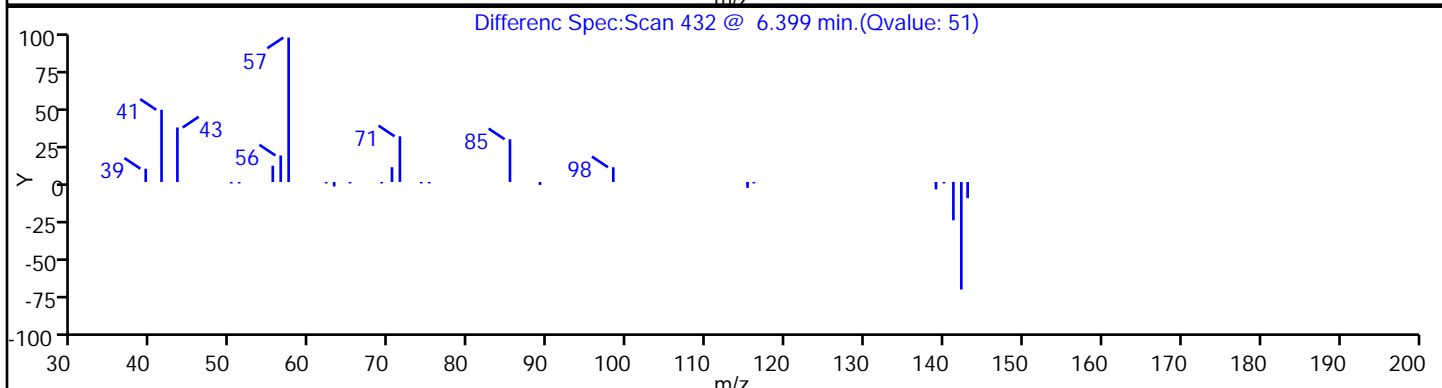
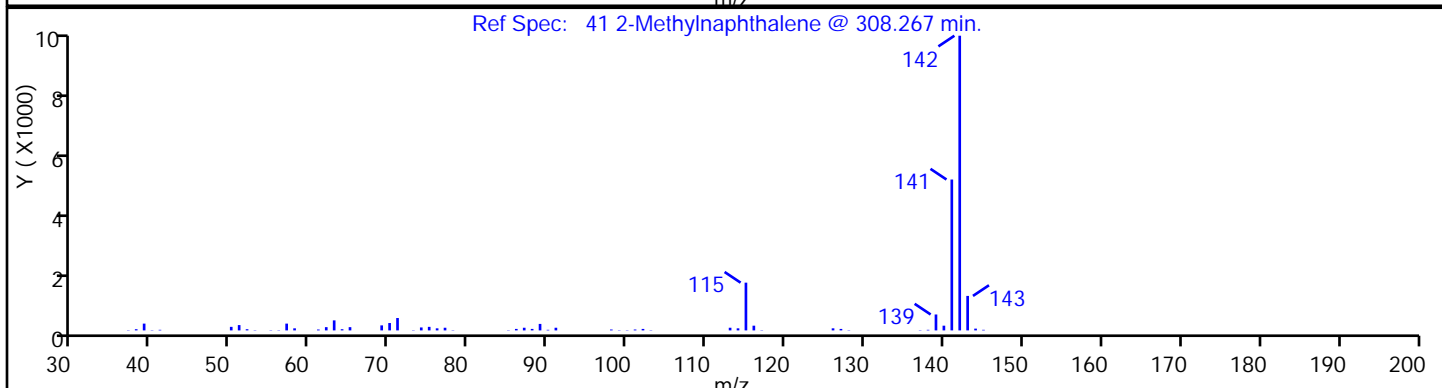
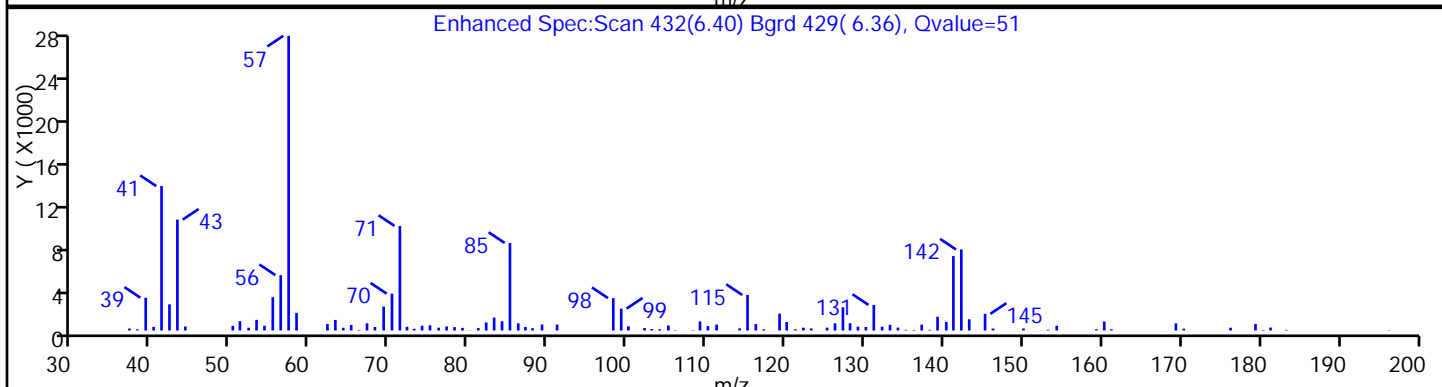
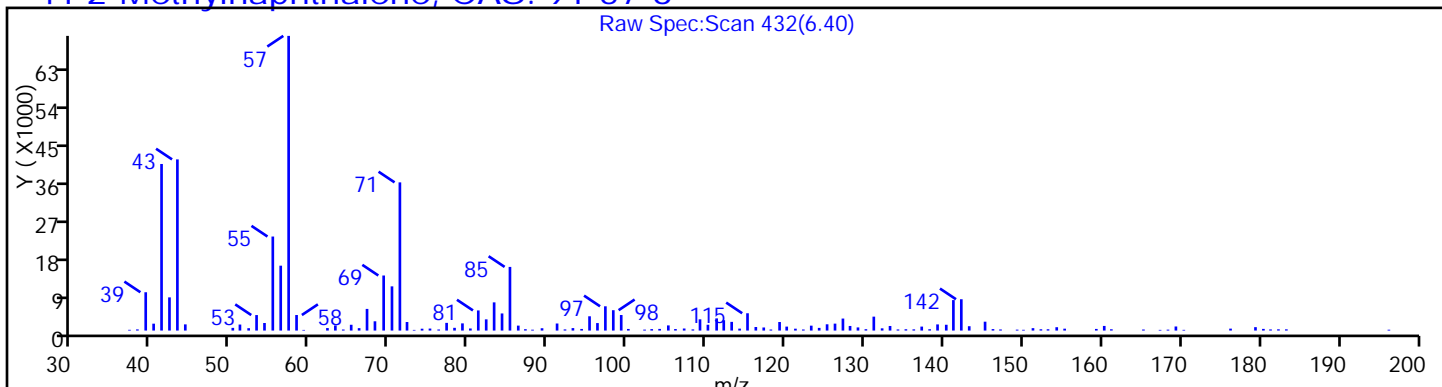
SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

41 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15

Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

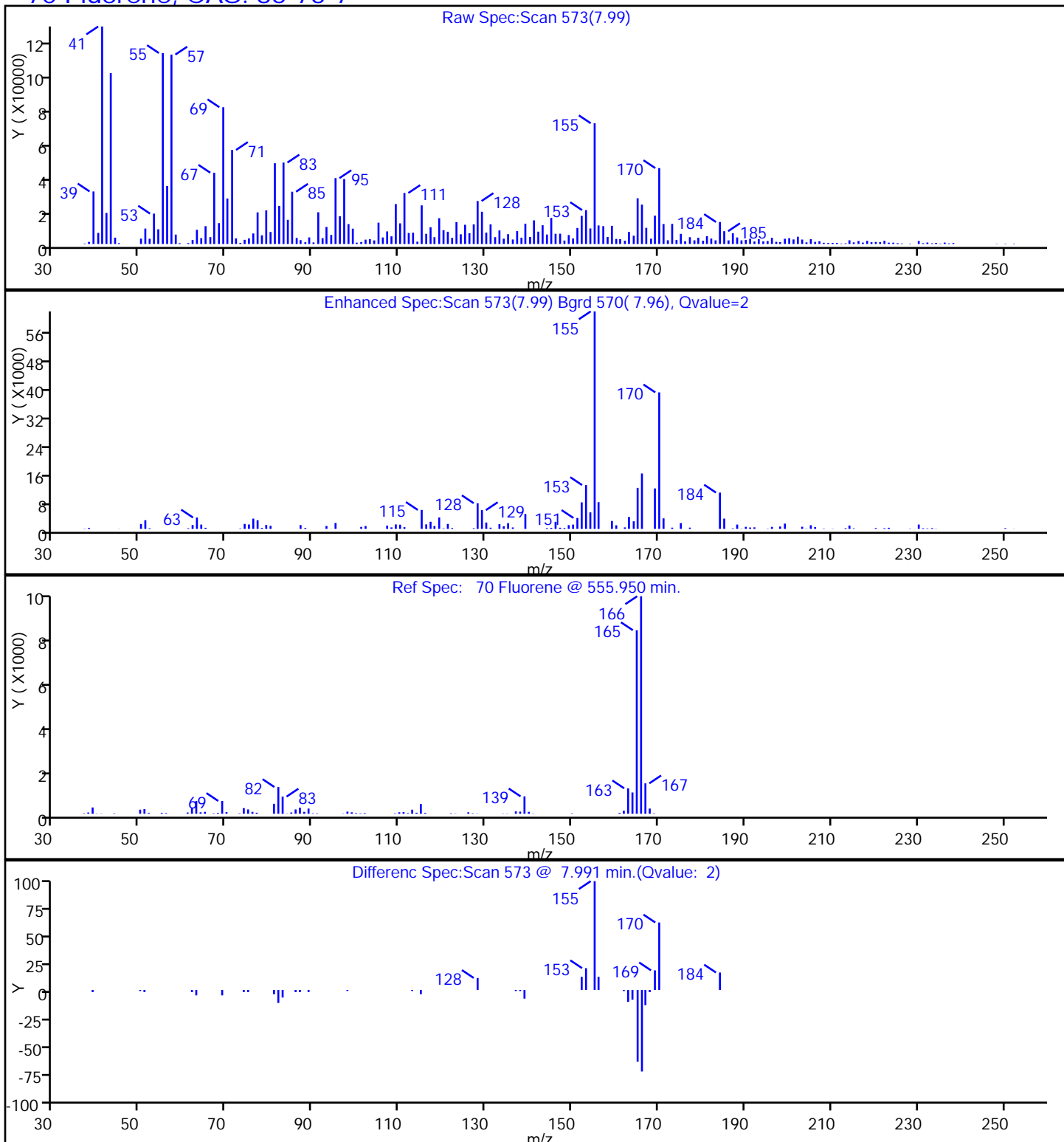
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

70 Fluorene, CAS: 86-73-7



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

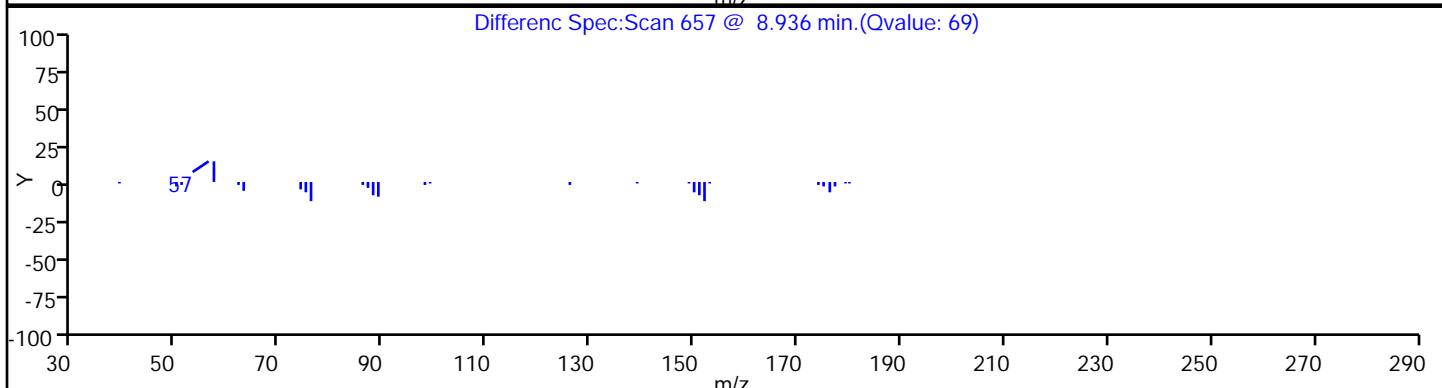
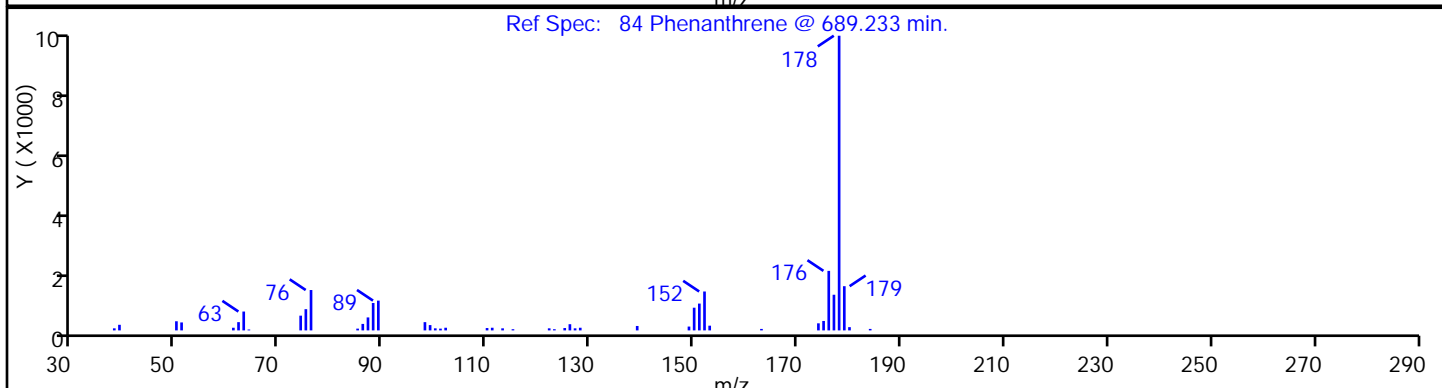
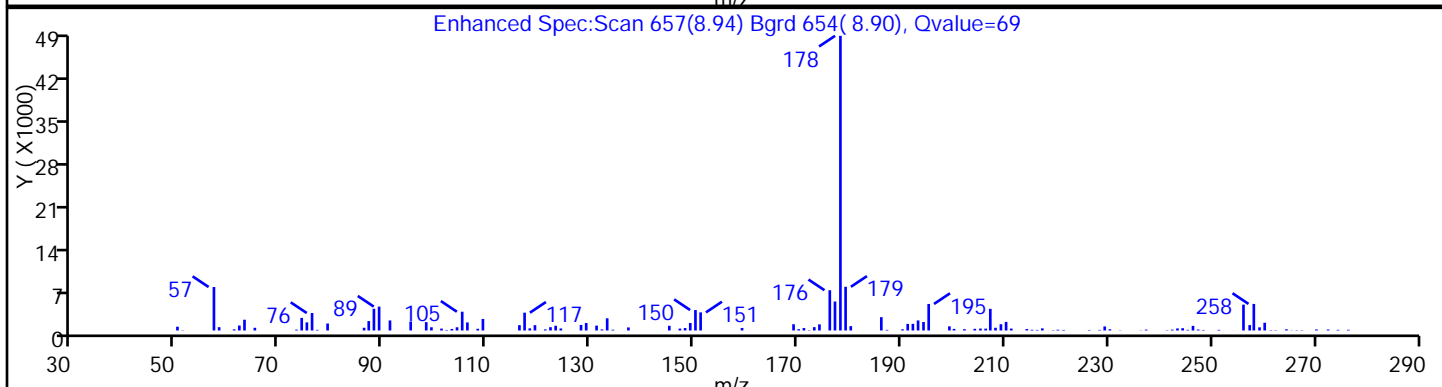
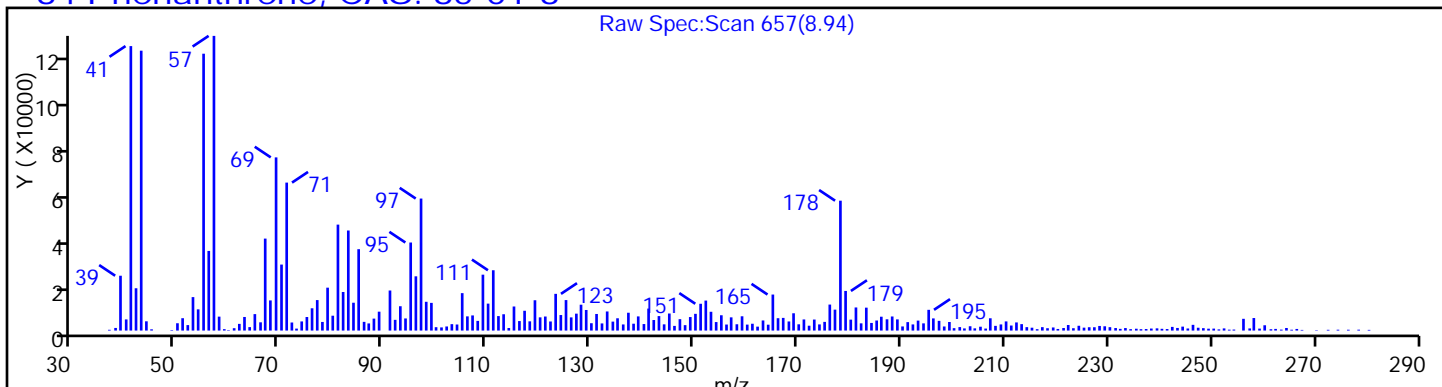
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

84 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

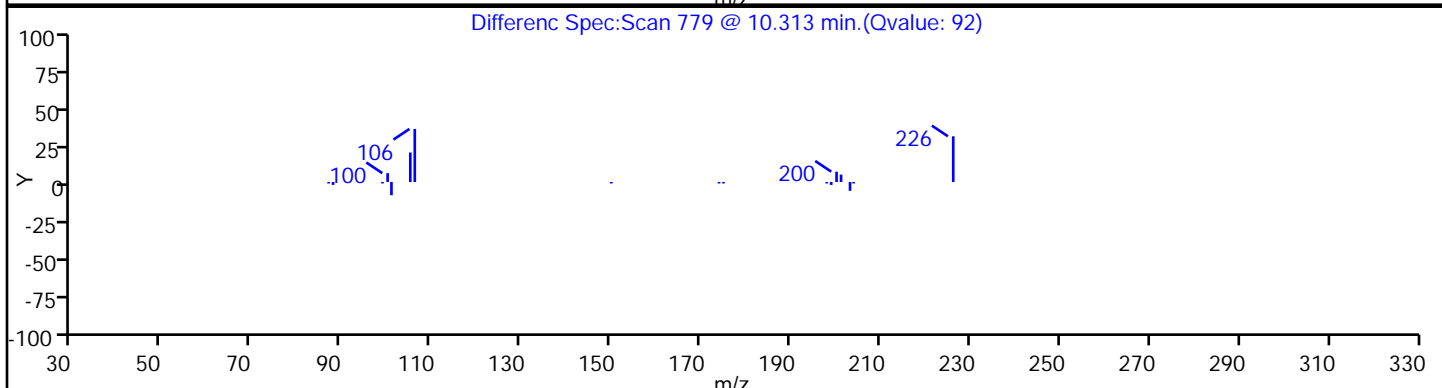
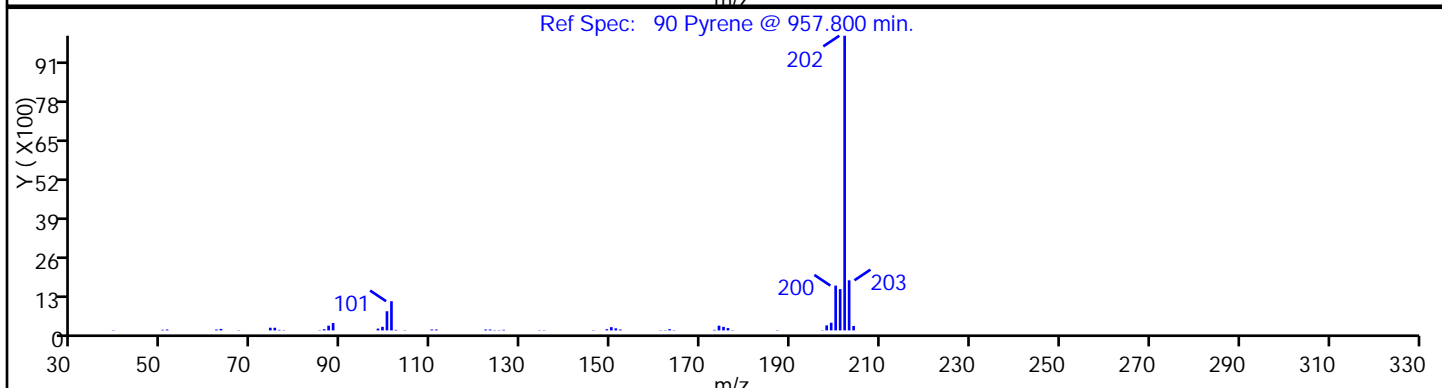
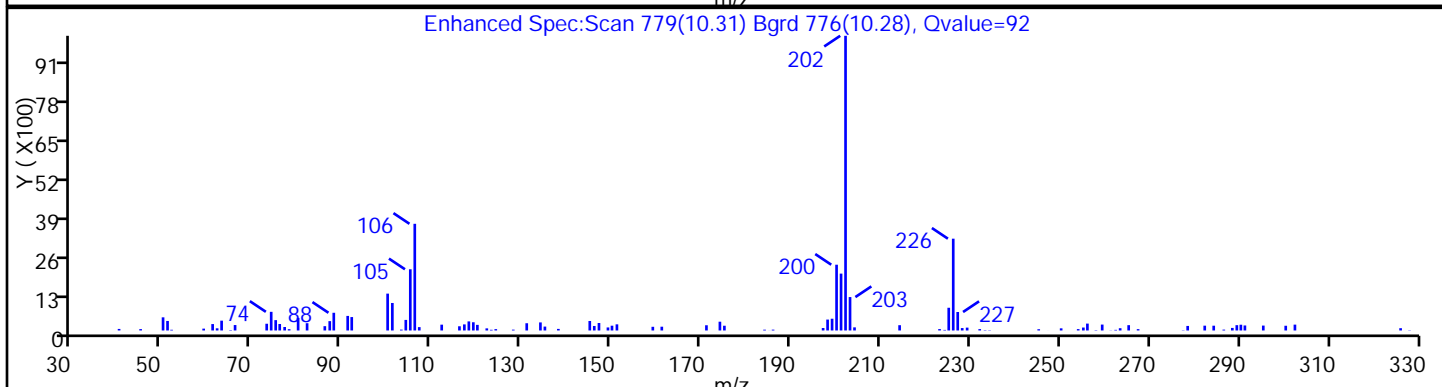
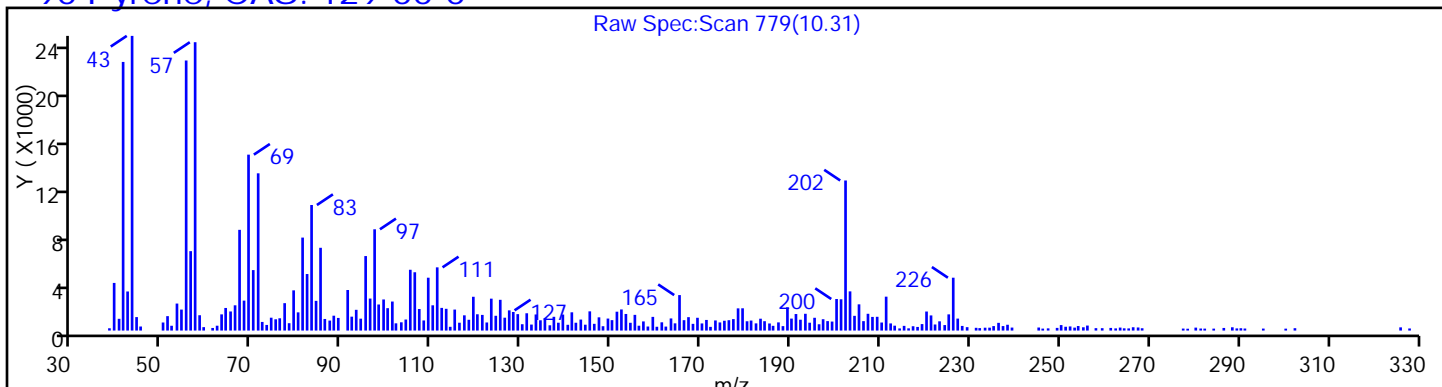
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

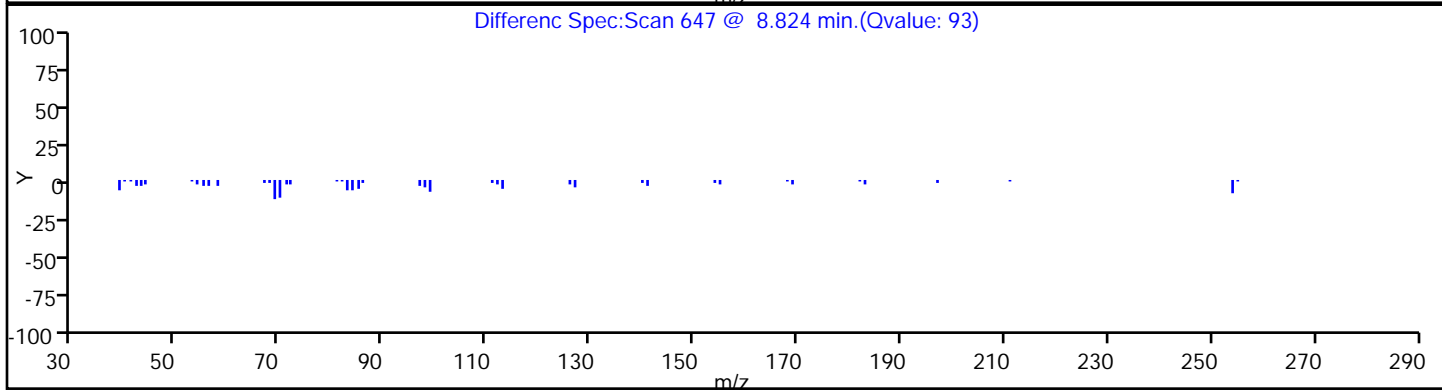
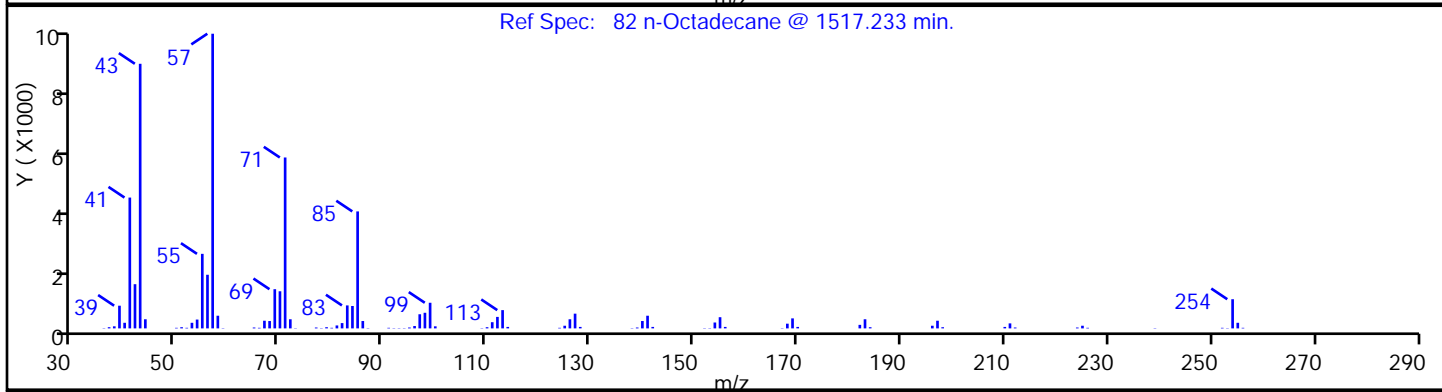
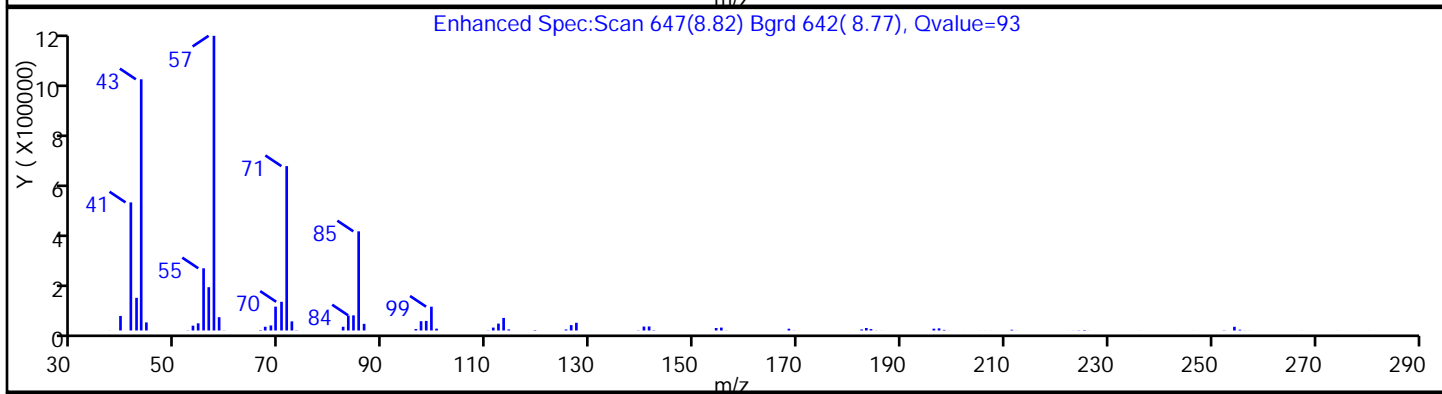
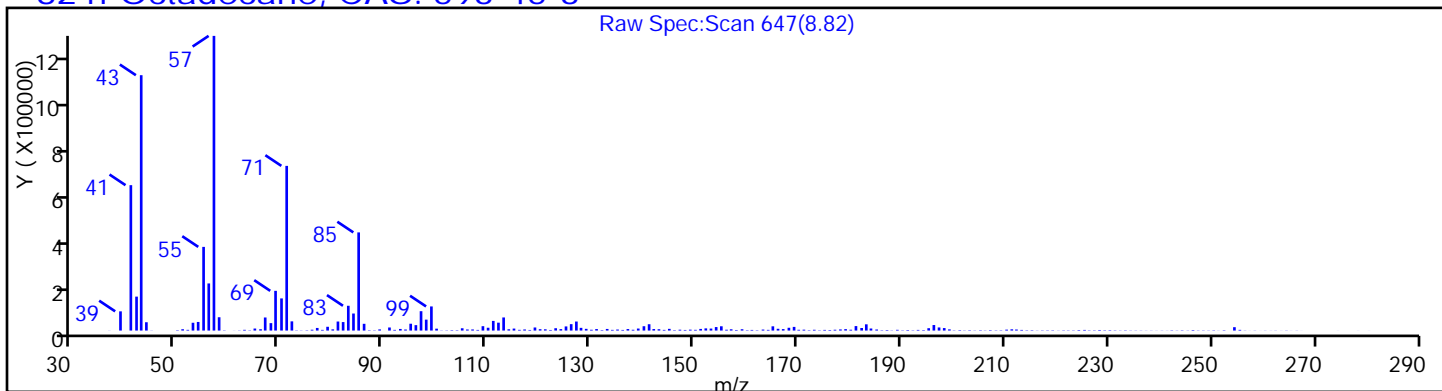
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

82 n-Octadecane, CAS: 593-45-3



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

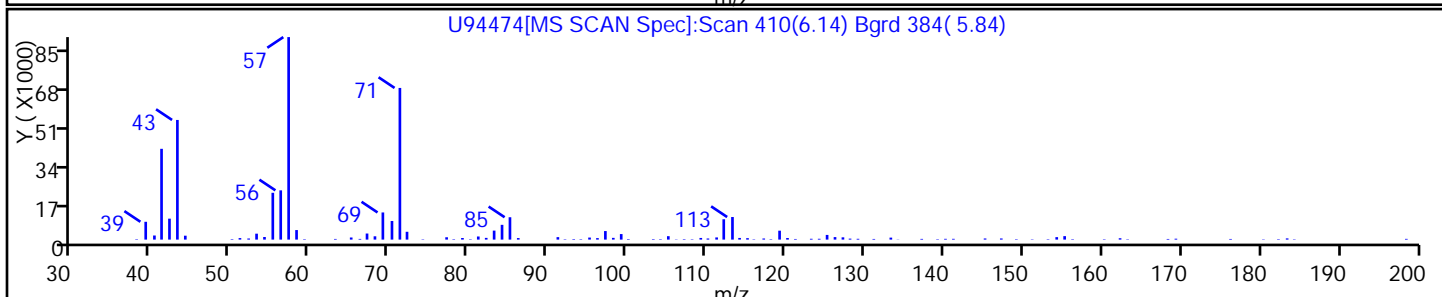
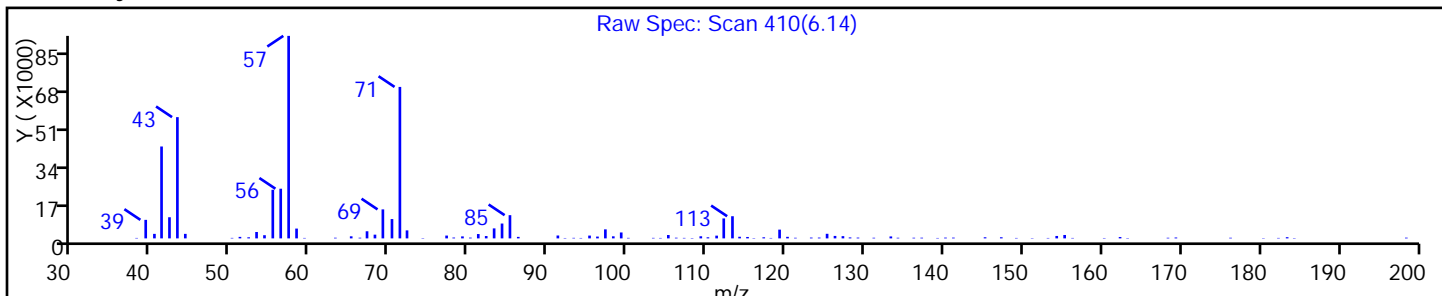
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

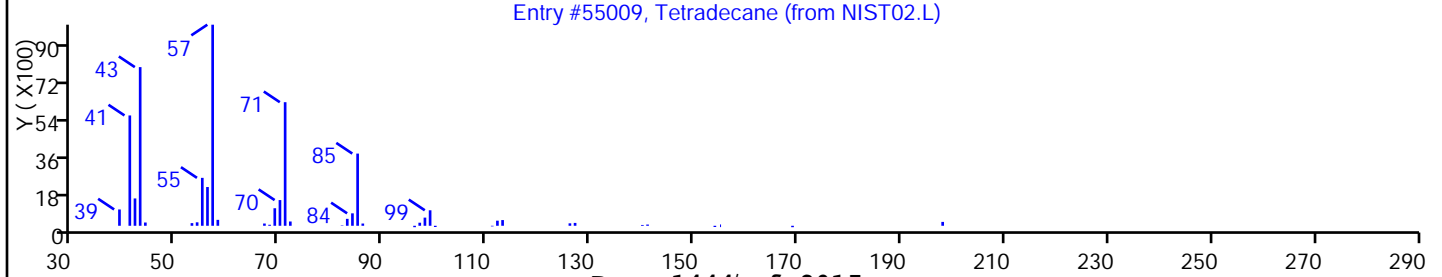
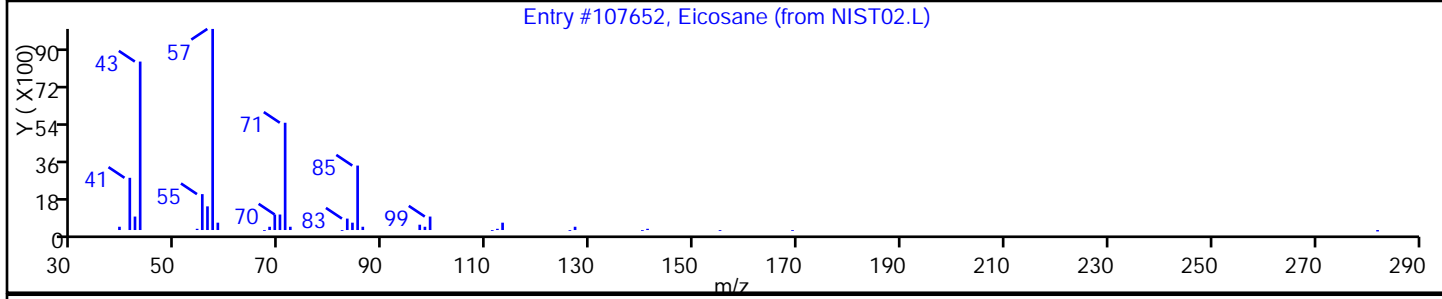
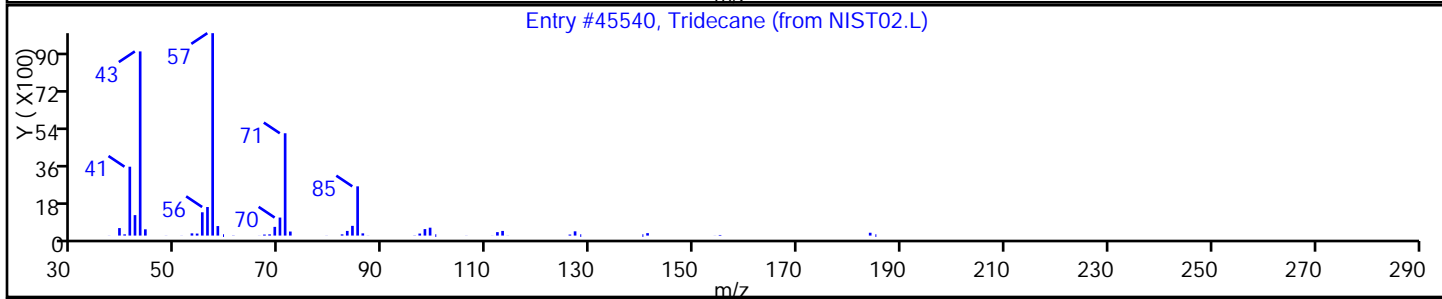
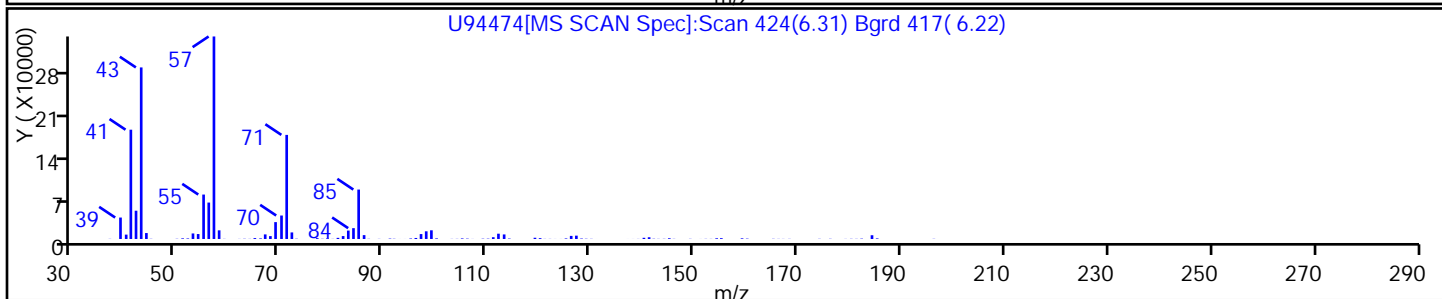
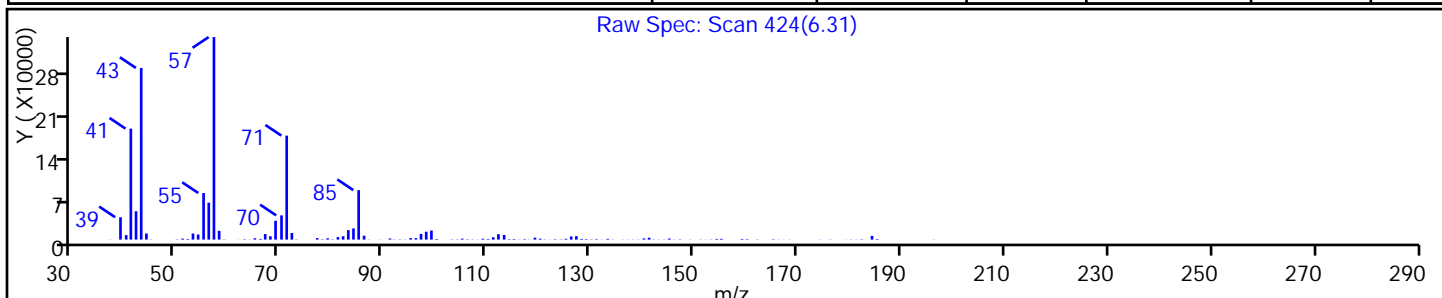
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	93
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	90
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

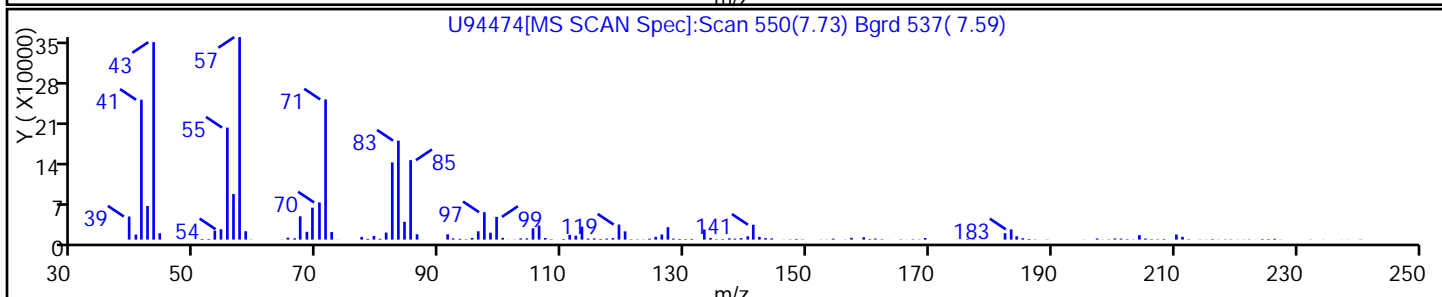
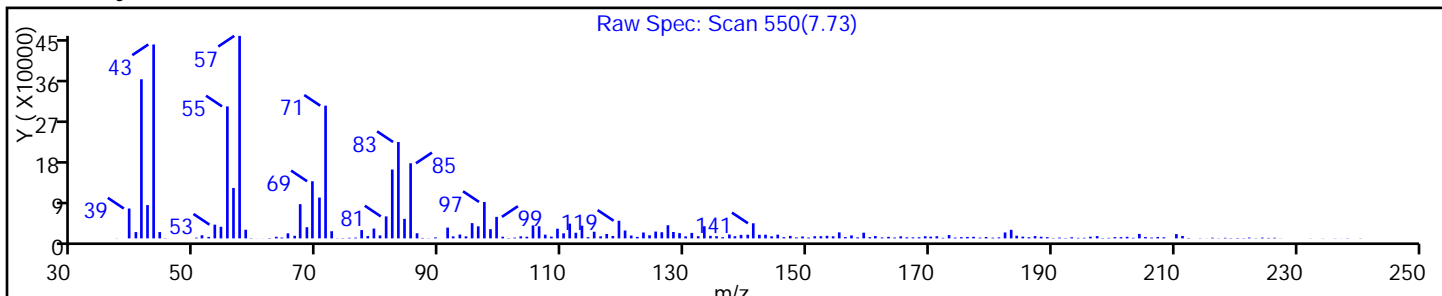
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

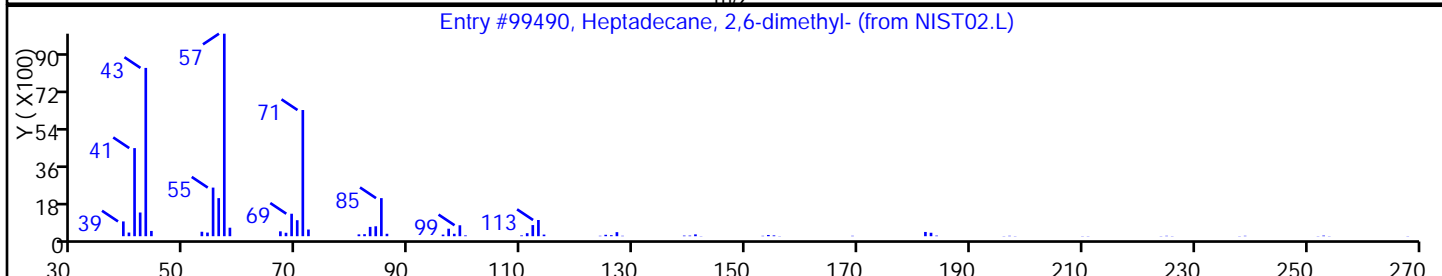
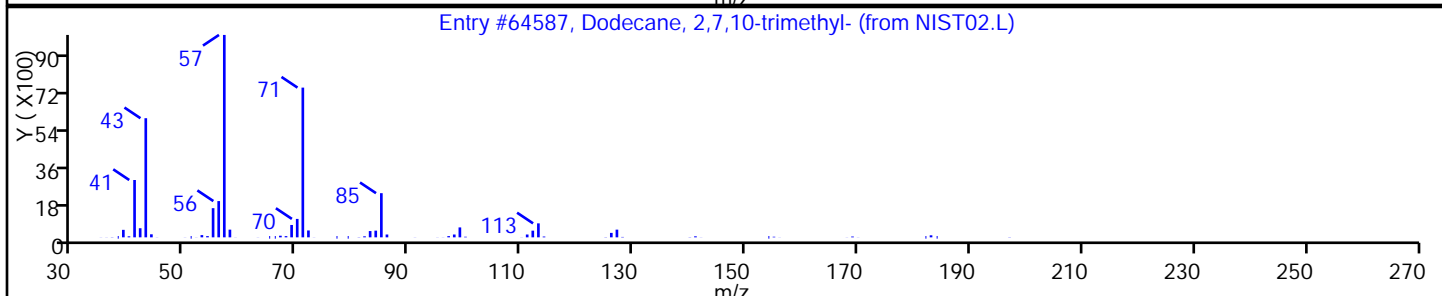
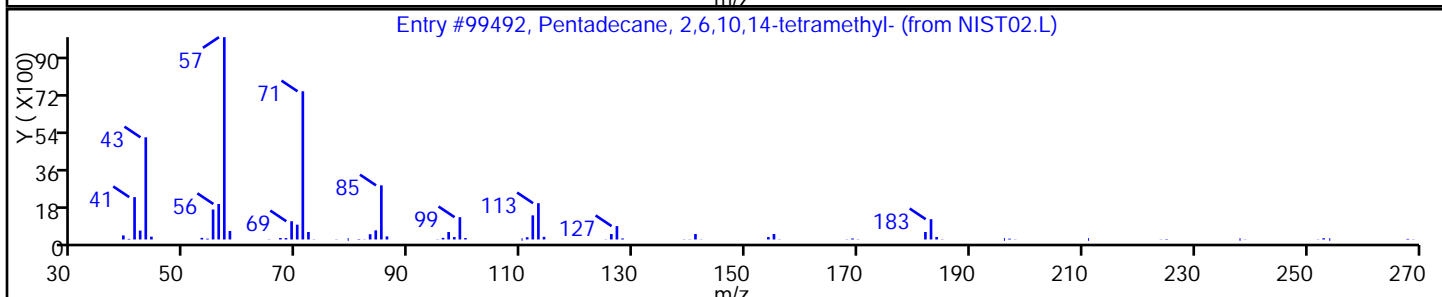
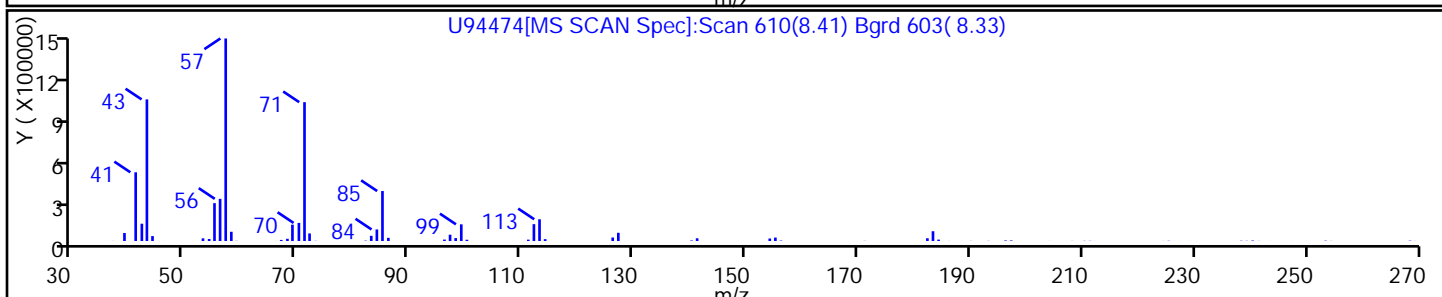
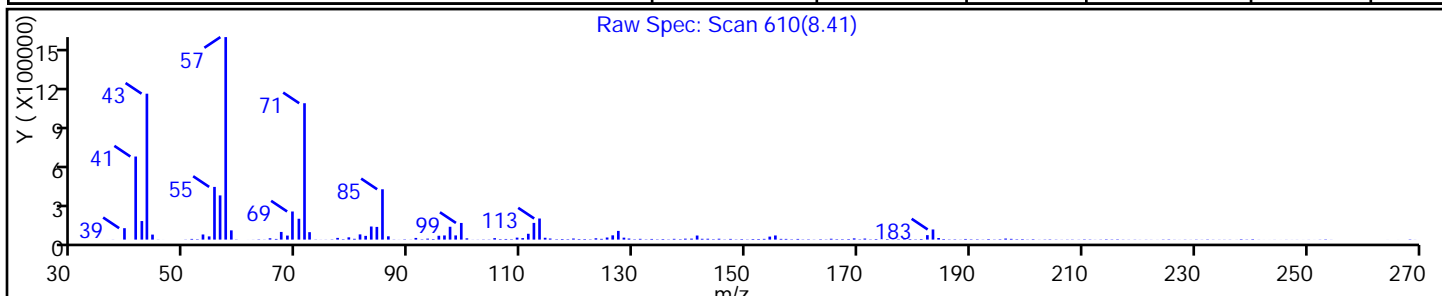
SV 8270 ICAL

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	99492	C19H40	268	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

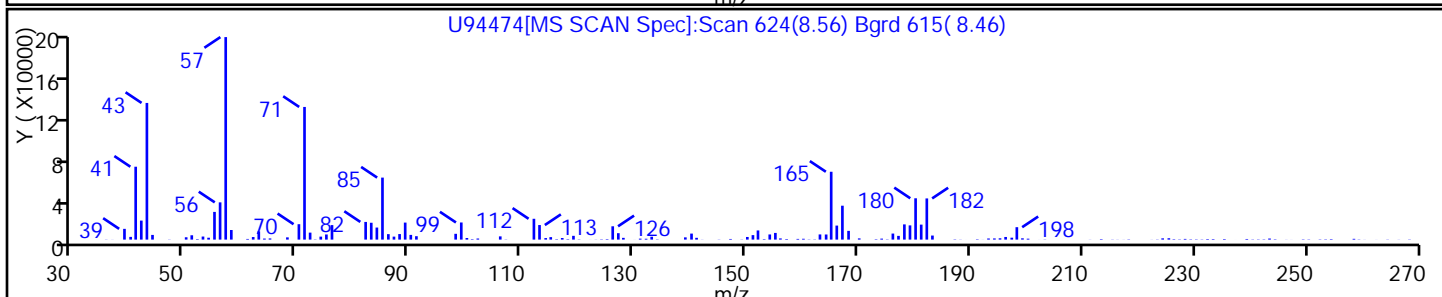
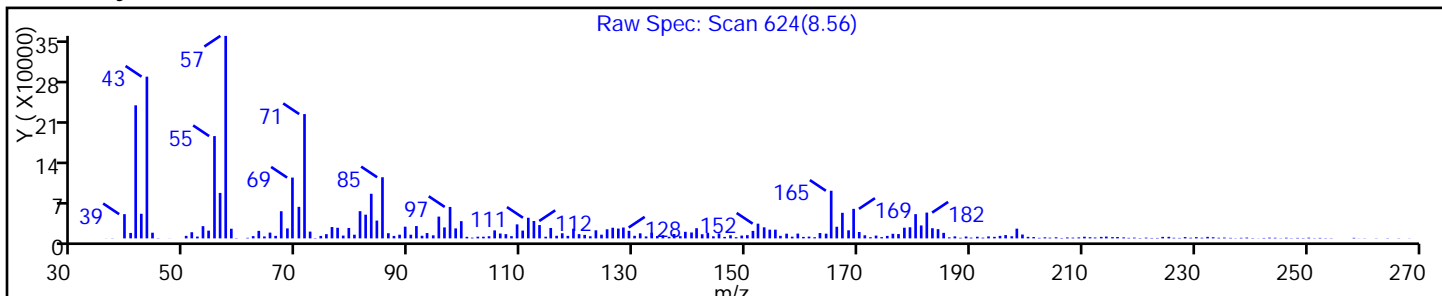
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

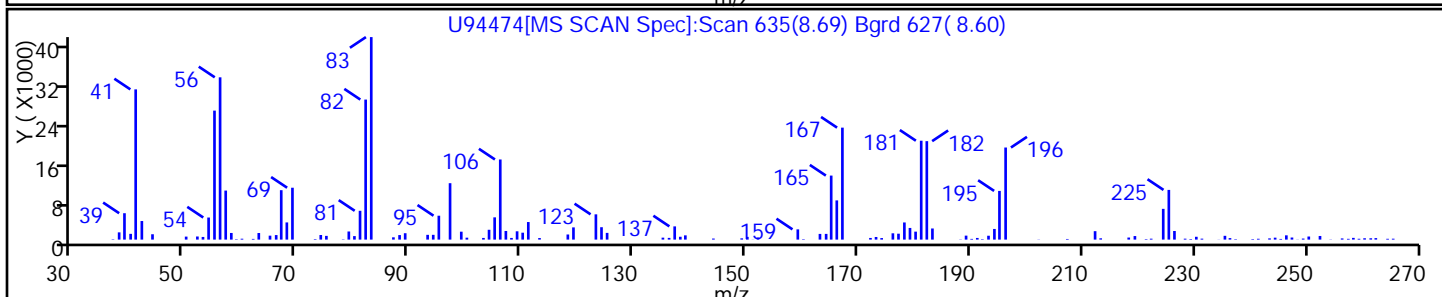
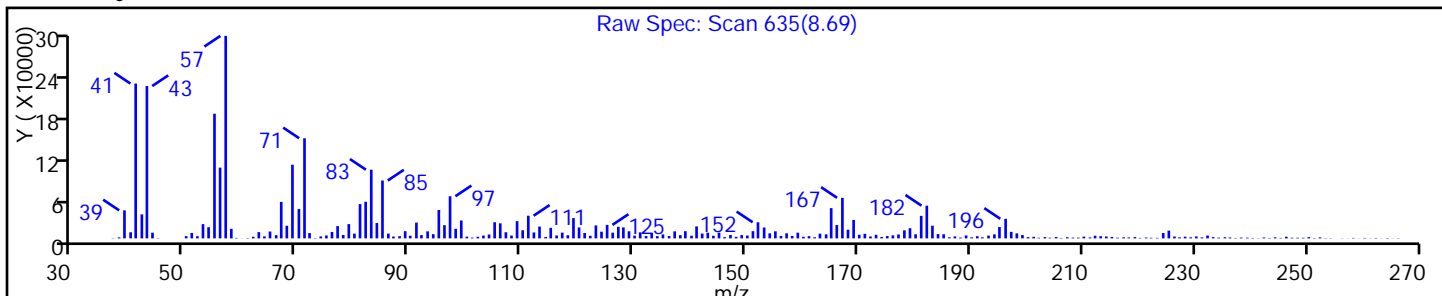
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

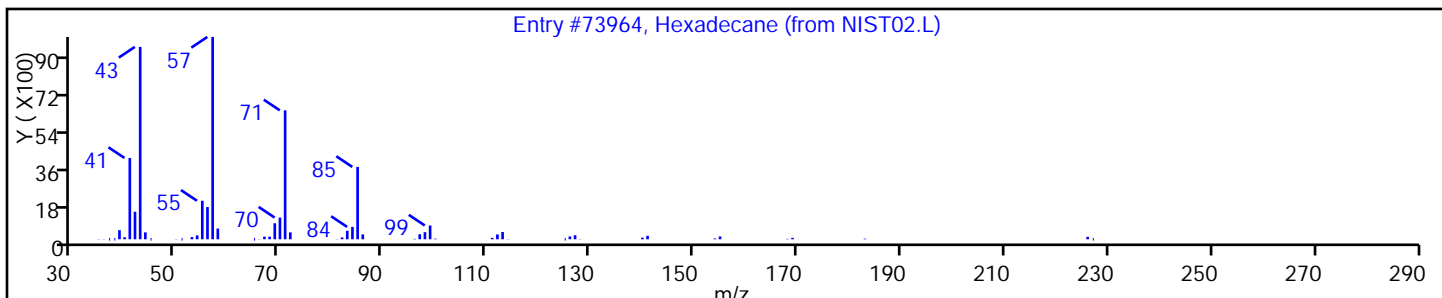
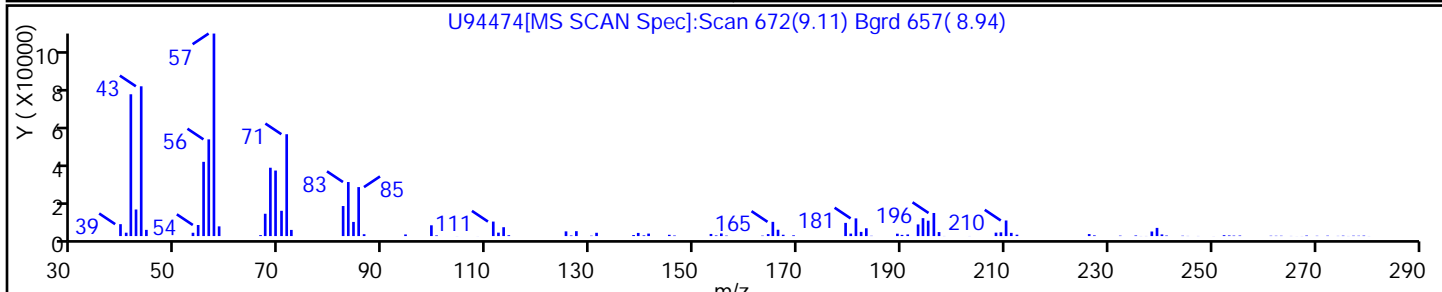
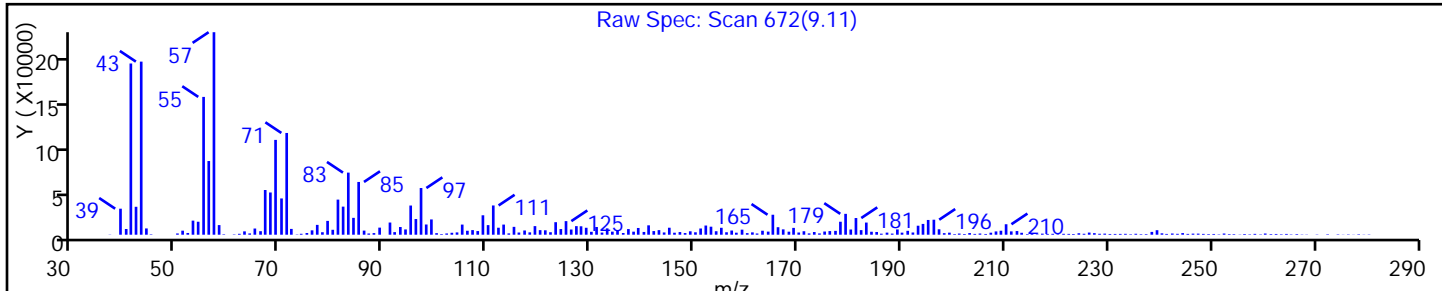
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

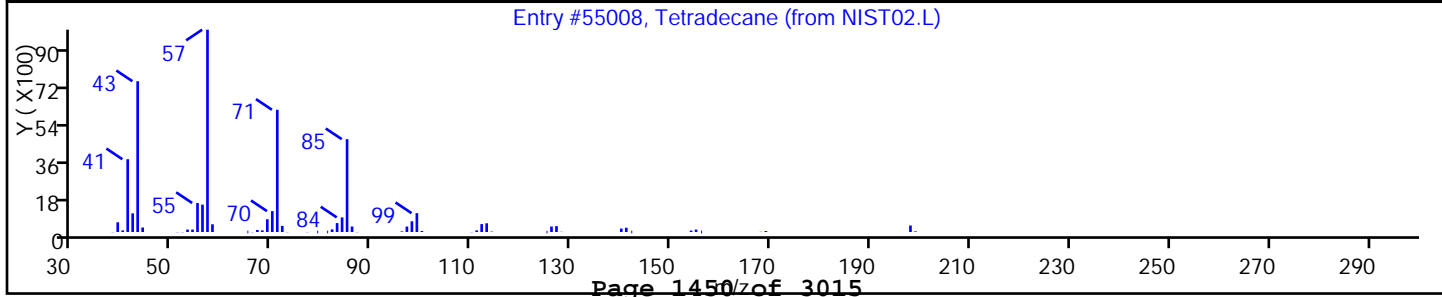
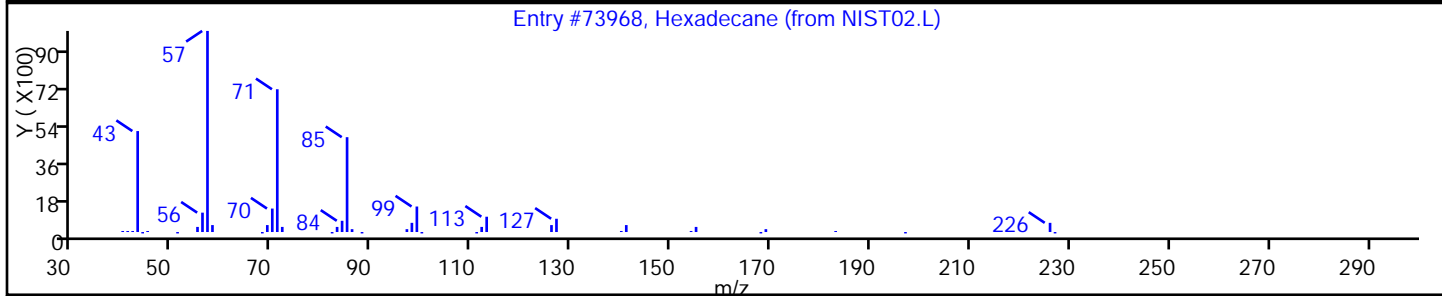
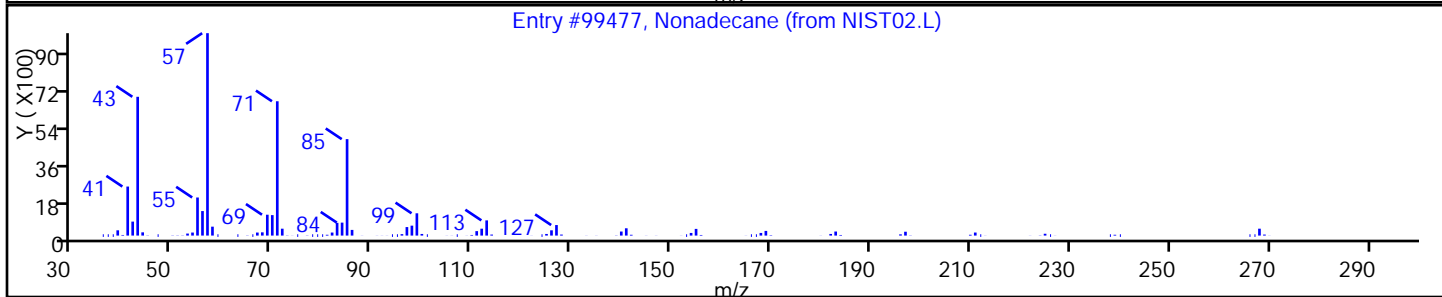
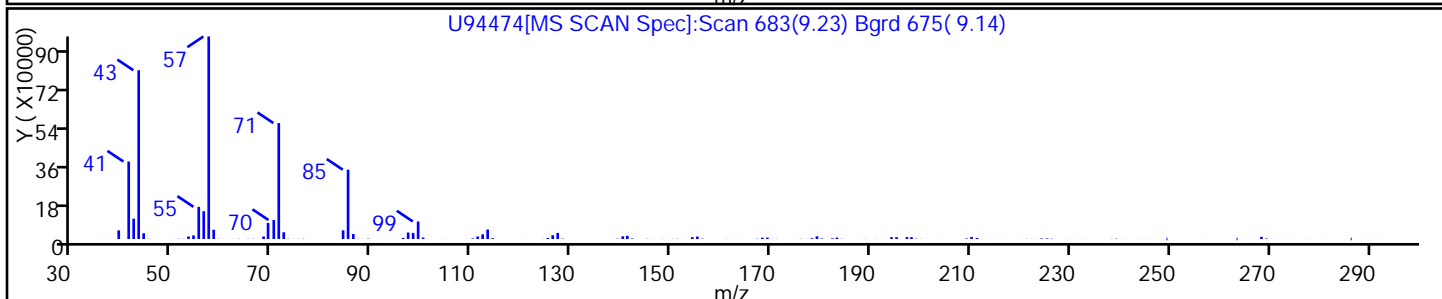
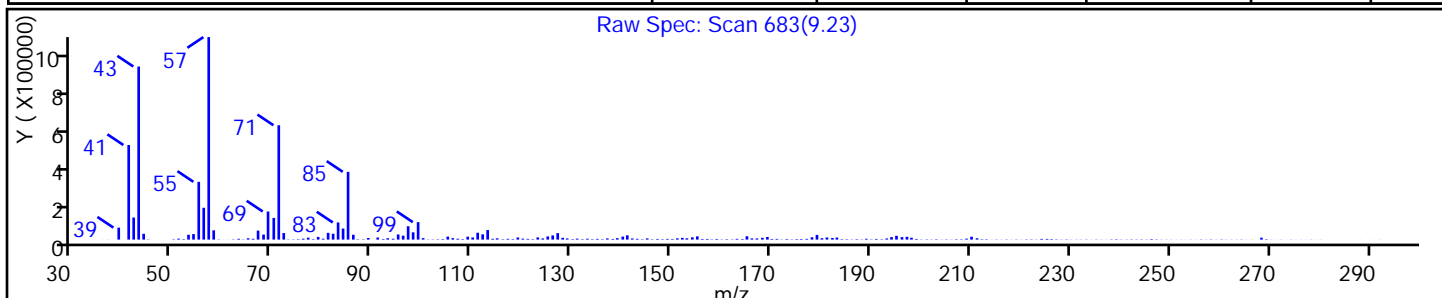
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	97
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	97
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

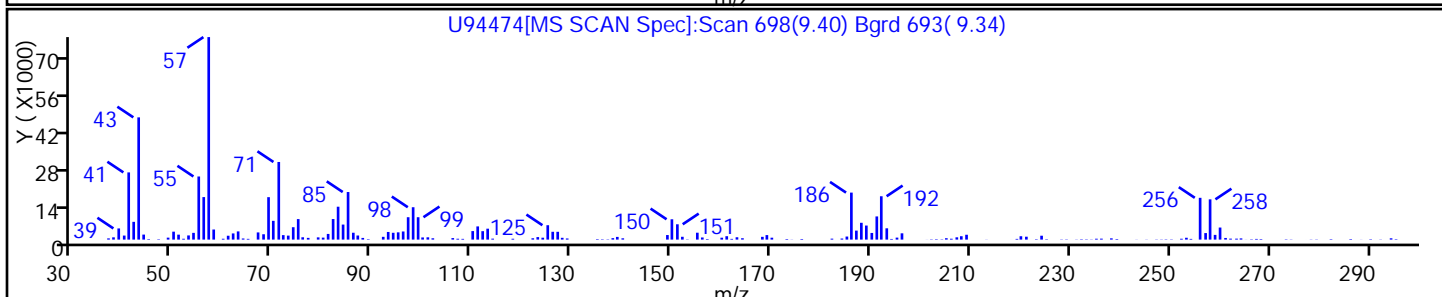
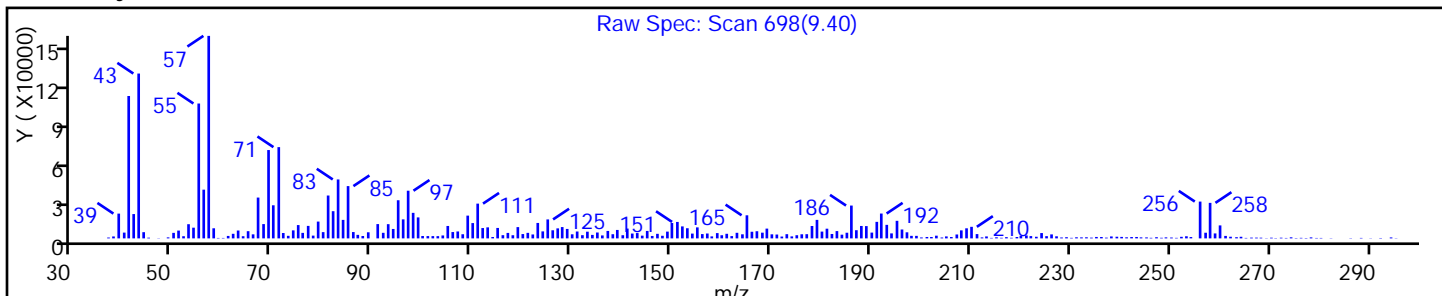
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

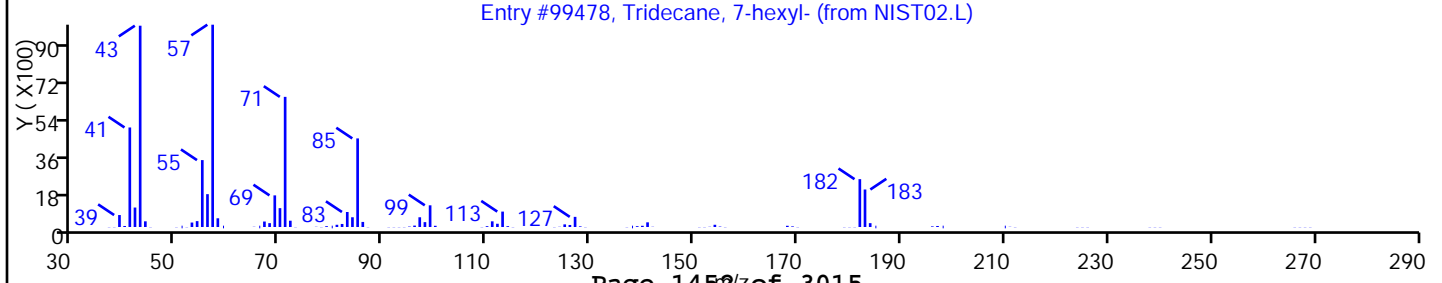
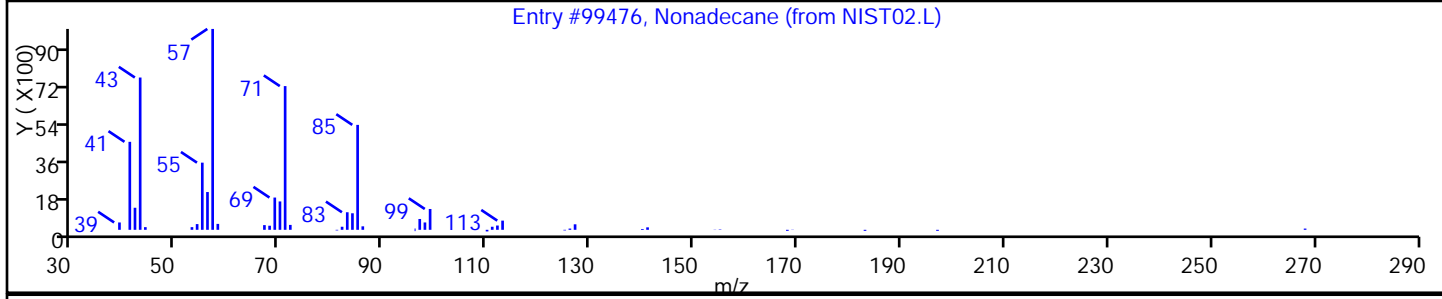
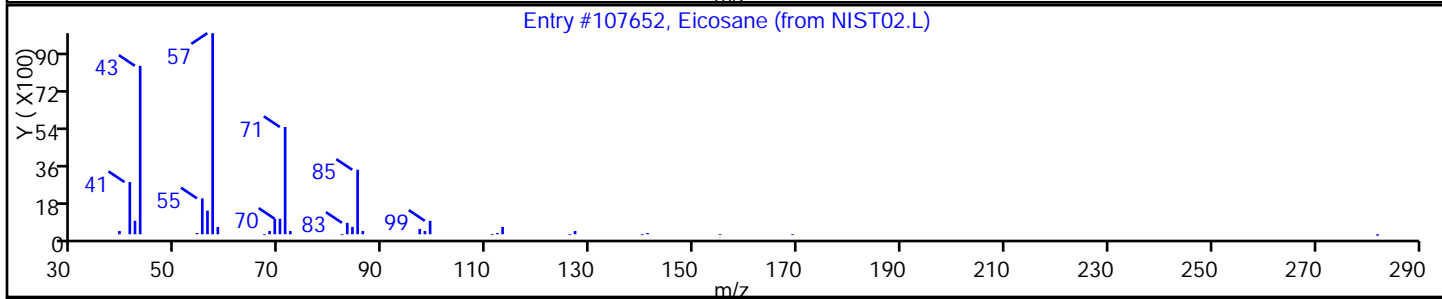
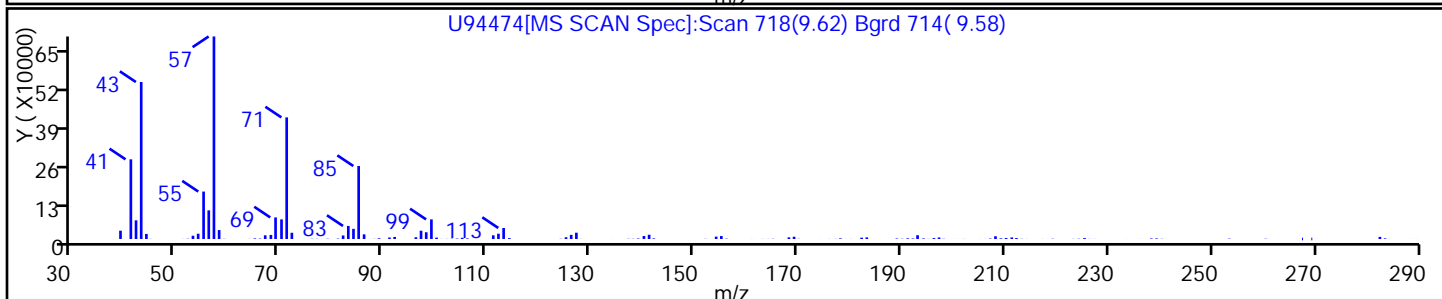
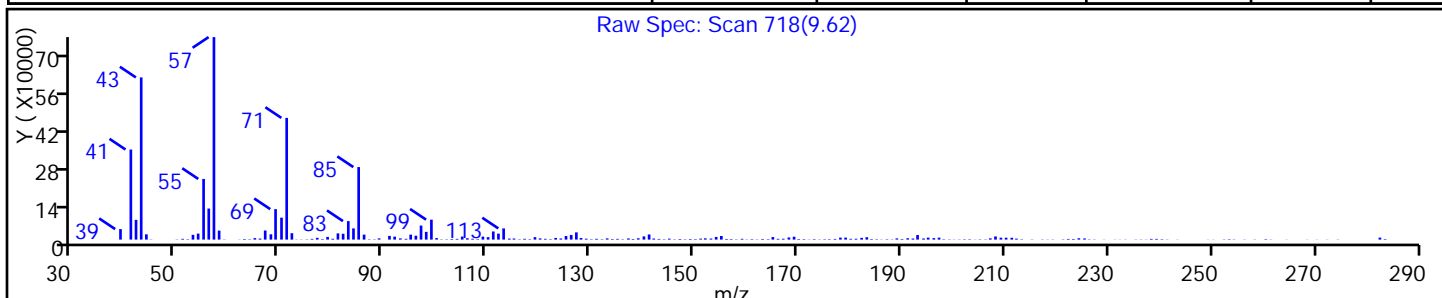
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	94
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

15

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

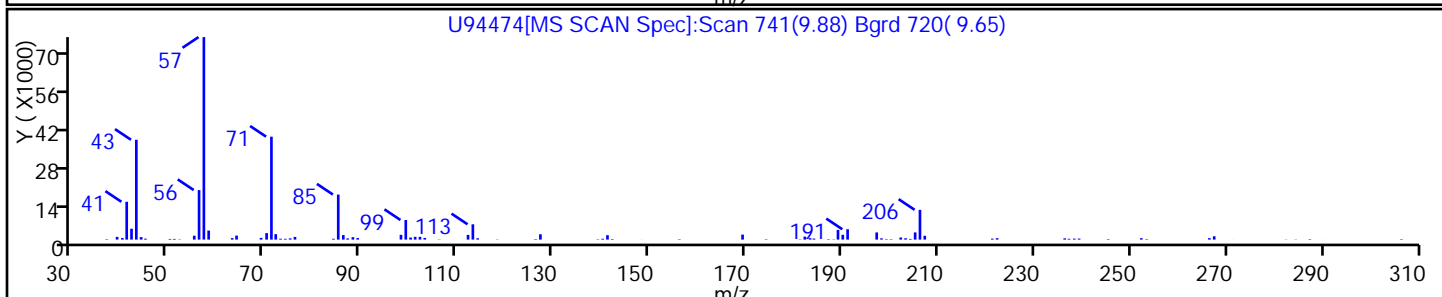
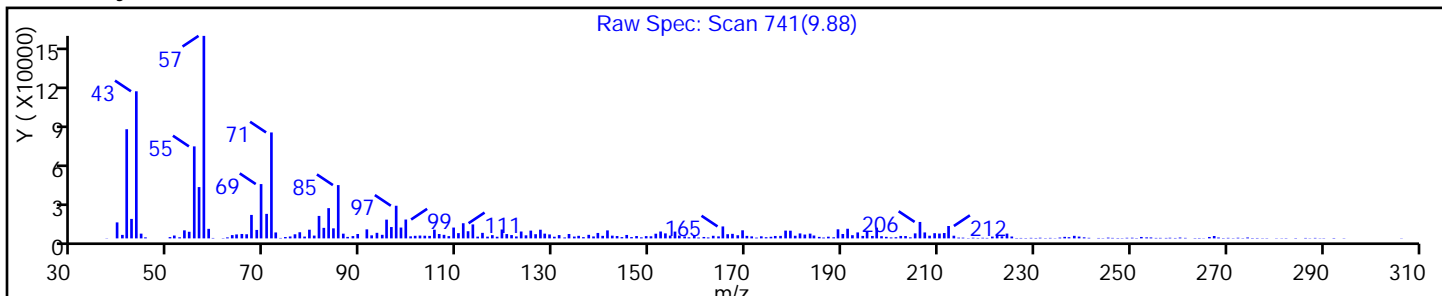
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

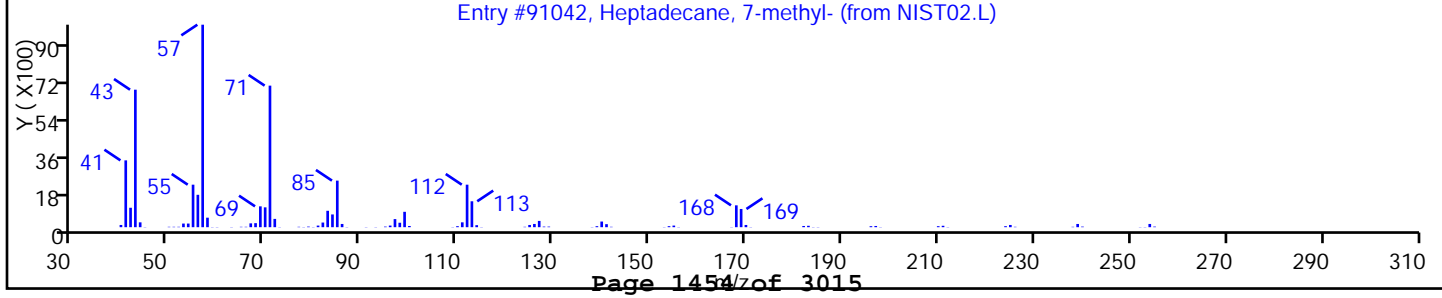
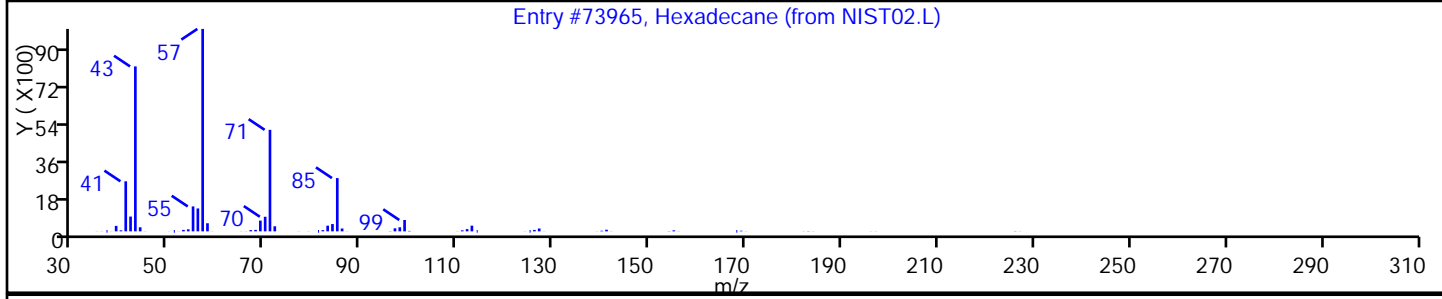
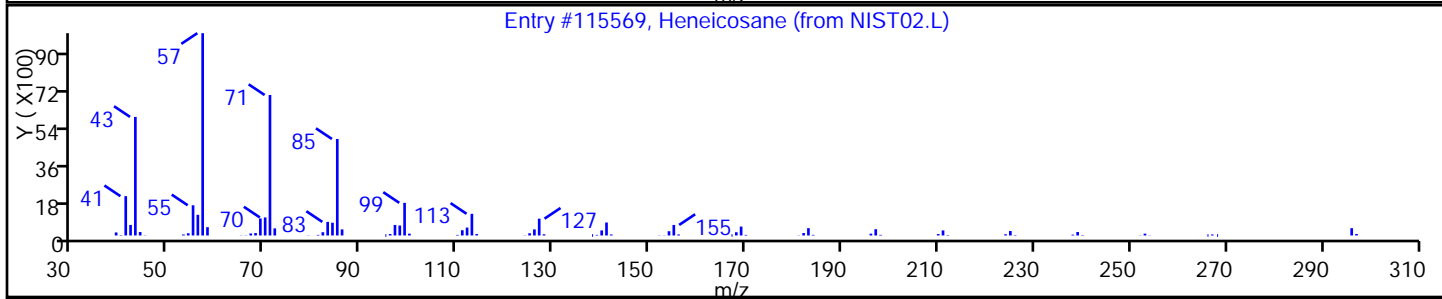
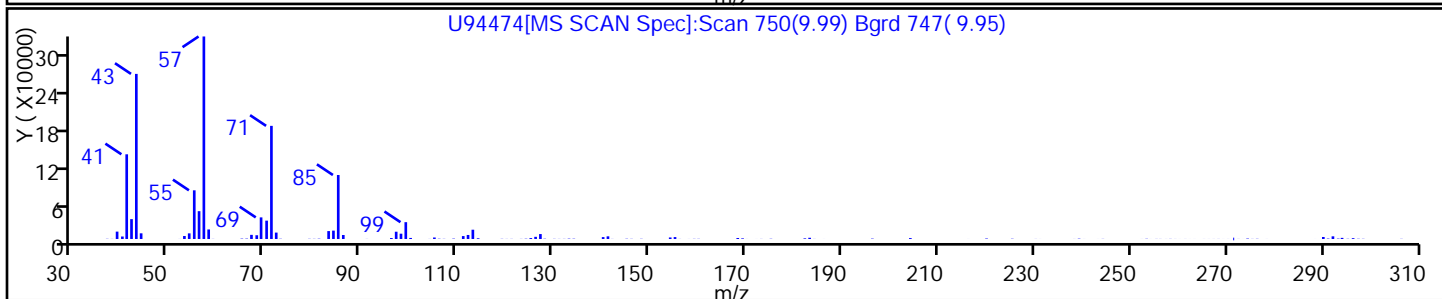
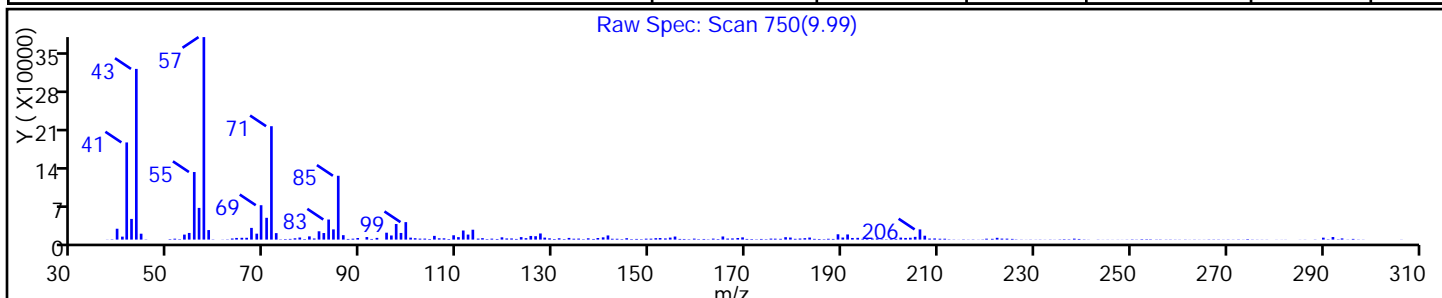
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heneicosane	629-94-7	NIST02.L	115569	C21H44	296	94
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Heptadecane, 7-methyl-	20959-33-5	NIST02.L	91042	C18H38	254	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

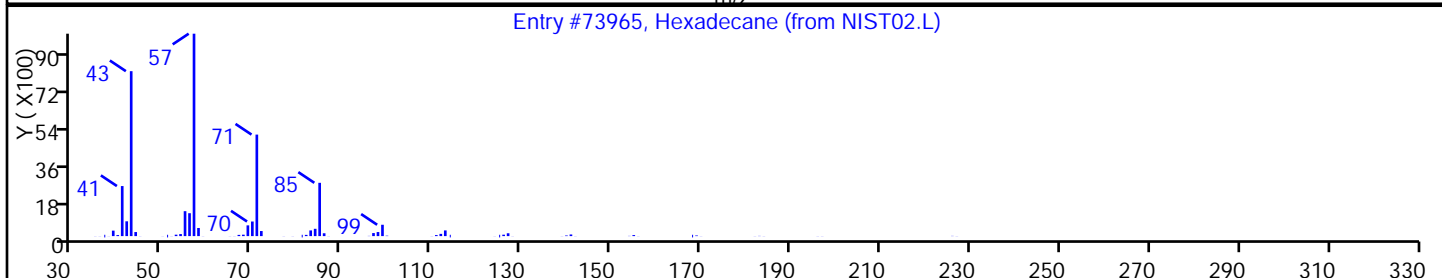
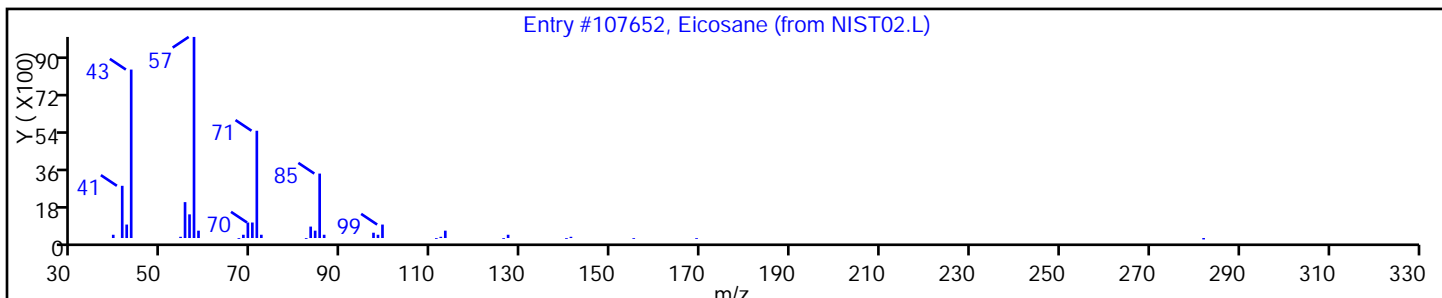
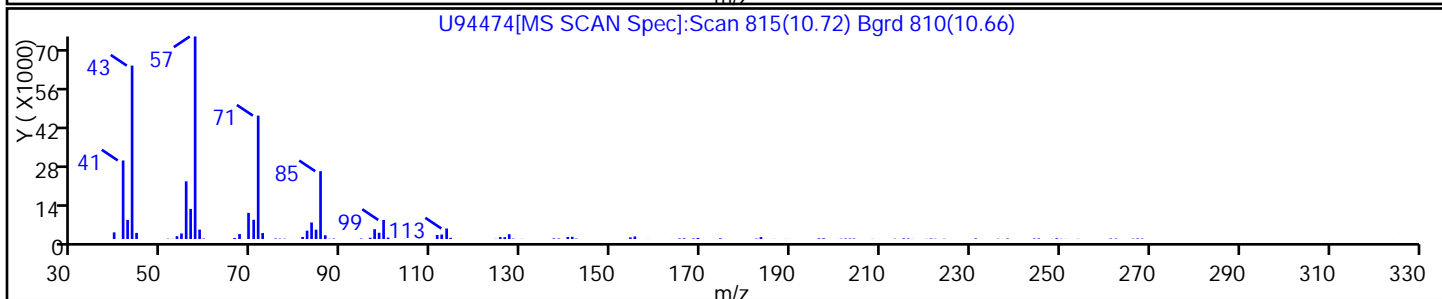
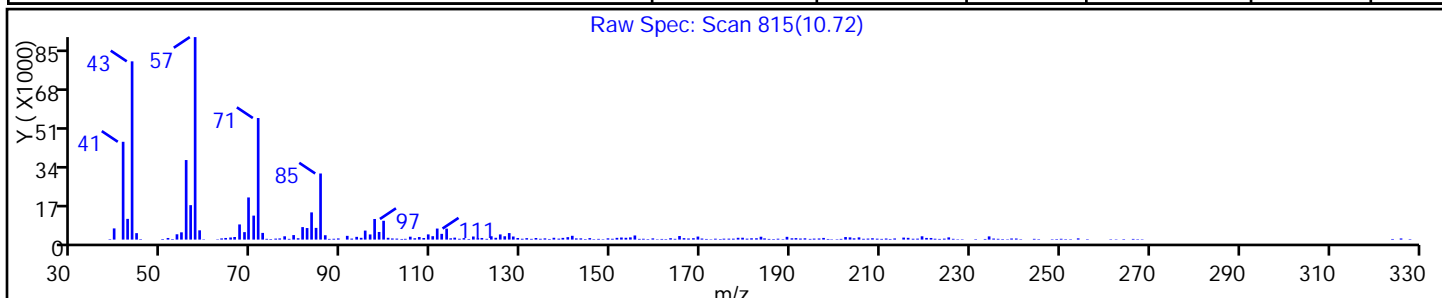
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94474.D

Injection Date: 12-Mar-2014 10:36:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 15 Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

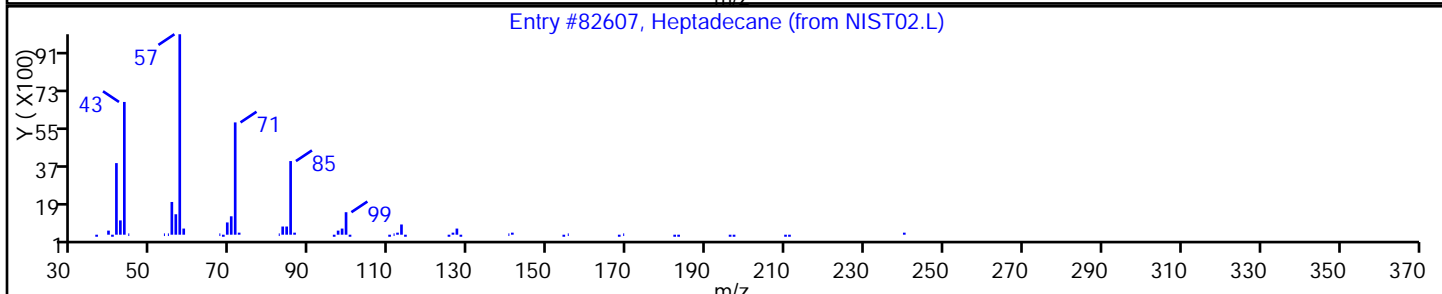
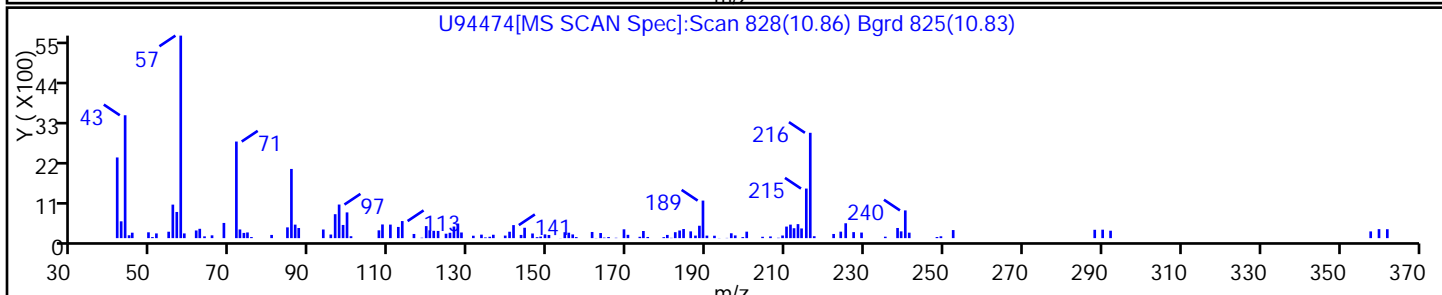
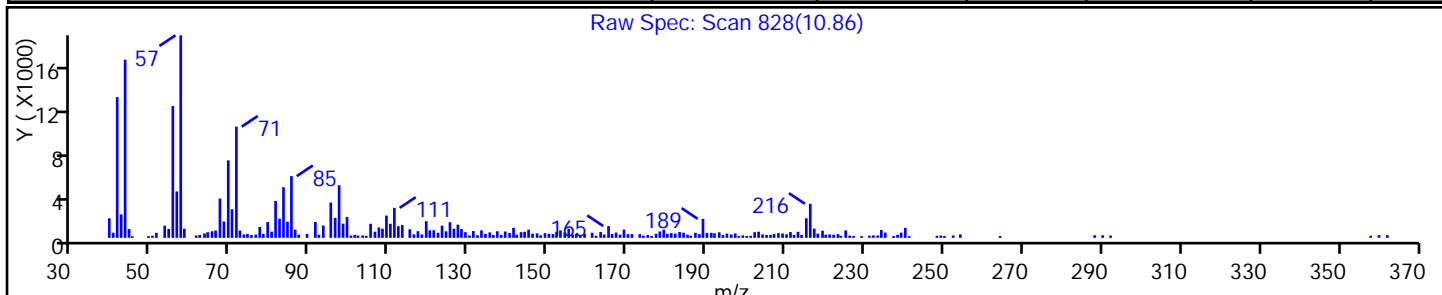
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane	629-78-7	NIST02.L	82607	C17H36	240	87



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: U94506.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:56
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	240	U	1800	240
95-57-8	2-Chlorophenol	230	U	1800	230
95-48-7	2-Methylphenol	300	U	1800	300
106-44-5	4-Methylphenol	350	U	1800	350
100-52-7	Benzaldehyde	210	U	1800	210
98-86-2	Acetophenone	270	U	1800	270
111-44-4	Bis(2-chloroethyl) ether	24	U	180	24
108-60-1	2,2'-oxybis[1-chloropropane]	190	U	1800	190
621-64-7	N-Nitrosodi-n-propylamine	29	U	180	29
98-95-3	Nitrobenzene	25	U *	180	25
67-72-1	Hexachloroethane	20	U	180	20
78-59-1	Isophorone	210	U	1800	210
88-75-5	2-Nitrophenol	200	U	1800	200
105-67-9	2,4-Dimethylphenol	430	U	1800	430
120-83-2	2,4-Dichlorophenol	260	U	1800	260
111-91-1	Bis(2-chloroethoxy)methane	230	U	1800	230
91-20-3	Naphthalene	200	U	1800	200
106-47-8	4-Chloroaniline	470	U	1800	470
87-68-3	Hexachlorobutadiene	43	U	360	43
105-60-2	Caprolactam	410	U	1800	410
59-50-7	4-Chloro-3-methylphenol	270	U	1800	270
91-57-6	2-Methylnaphthalene	230	U	1800	230
118-74-1	Hexachlorobenzene	24	U	180	24
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	730	U	1800	730
606-20-2	2,6-Dinitrotoluene	53	U	360	53
131-11-3	Dimethyl phthalate	210	U	1800	210
208-96-8	Acenaphthylene	210	U	1800	210
99-09-2	3-Nitroaniline	620	U	1800	620
83-32-9	Acenaphthene	260	U	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: U94506.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:56
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1800	1100
51-28-5	2,4-Dinitrophenol	1000	U	3600	1000
132-64-9	Dibenzofuran	210	U	1800	210
84-66-2	Diethyl phthalate	210	U	1800	210
86-73-7	Fluorene	230	U	1800	230
206-44-0	Fluoranthene	230	U	1800	230
84-74-2	Di-n-butyl phthalate	220	U	1800	220
121-14-2	2,4-Dinitrotoluene	58	U	360	58
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	550	U	3600	550
534-52-1	4,6-Dinitro-2-methylphenol	480	U	3600	480
101-55-3	4-Bromophenyl phenyl ether	170	U	1800	170
1912-24-9	Atrazine	270	U	1800	270
120-12-7	Anthracene	210	U	1800	210
86-74-8	Carbazole	210	U	1800	210
85-01-8	Phenanthrene	220	U	1800	220
87-86-5	Pentachlorophenol	530	U	3600	530
129-00-0	Pyrene	150	U	1800	150
218-01-9	Chrysene	210	U	1800	210
207-08-9	Benzo[k]fluoranthene	13	U	180	13
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	12	U	180	12
56-55-3	Benzo[a]anthracene	12	U	180	12
86-30-6	N-Nitrosodiphenylamine	170	U	1800	170
85-68-7	Butyl benzyl phthalate	160	U	1800	160
117-81-7	Bis(2-ethylhexyl) phthalate	590	U	1800	590
117-84-0	Di-n-octyl phthalate	110	U	1800	110
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	180	33
53-70-3	Dibenz(a,h)anthracene	22	U	180	22
91-94-1	3,3'-Dichlorobenzidine	620	U	1800	620
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1800	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: U94506.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:56
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		40-106
4165-62-2	Phenol-d5	75		44-104
1718-51-0	Terphenyl-d14	93		41-145
118-79-6	2,4,6-Tribromophenol	76		19-114
367-12-4	2-Fluorophenol	71		39-103
321-60-8	2-Fluorobiphenyl	92		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-18SW-VD</u>	Lab Sample ID: <u>460-72180-10</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94506.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 10:35</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>03/13/2014 08:56</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>6.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>14</u>	TIC Result Total: <u>154700</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.84	5600	J
192823-15-7	Decane, 2,3,5,8-tetramethyl-	7.18	8800	J N
	Unknown	7.33	7300	J
544-76-3	Hexadecane	7.88	6400	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	12000	J N
	Unknown	8.30	9200	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	44000	J N
	Unknown	8.49	5000	J
	Unknown alkane	8.54	7000	J
544-76-3	Hexadecane	8.79	6300	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.82	23000	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.16	9400	J N
629-92-5	Nonadecane	9.20	5500	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.24	5200	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D
 Lims ID: 460-72180-E-10-A Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:56:30 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-017
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: XAWRK034

First Level Reviewer: szczecha

Date: 13-Mar-2014 11:13:44

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.123	3.126	-0.003	91	46636	7.12	
\$ 6 Phenol-d5	99	4.032	4.072	-0.040	70	58916	7.45	
* 13 1,4-Dichlorobenzene-d4	152	4.406	4.423	-0.017	97	149583	40.0	
\$ 25 Nitrobenzene-d5	82	4.951	4.984	-0.033	93	52642	6.49	
* 35 Naphthalene-d8	136	5.685	5.696	-0.011	100	658260	40.0	
\$ 48 2-Fluorobiphenyl	172	6.761	6.780	-0.019	97	77202	9.21	
* 61 Acenaphthene-d10	164	7.438	7.444	-0.006	92	245510	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.212	8.223	-0.011	68	7200	7.63	
* 83 Phenanthrene-d10	188	8.898	8.909	-0.011	98	324547	40.0	
90 Pyrene	202	10.292	10.312	-0.020	71	1225	0.2246	
\$ 91 Terphenyl-d14	244	10.449	10.464	-0.015	96	37348	9.32	
* 96 Chrysene-d12	240	11.648	11.672	-0.024	98	172527	40.0	
* 103 Perylene-d12	264	13.566	13.590	-0.024	97	152317	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D
 Lims ID: 460-72180-E-10-A Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:56:30 ALS Bottle#: 17 Worklist Smp#: 17
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-017
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha Date: 13-Mar-2014 11:13:44

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown alkane								
6.843	619602	15.7	61	0	0		0	
192823-15-7 Decane, 2,3,5,8-tetramethyl-								
7.180	980260	24.8	61	86	55029	C14H30	198	M
Unknown								
7.326	815657	20.6	61					M
544-76-3 Hexadecane								
7.876	717203	18.1	61	96	73964	C16H34	226	M
3892-00-0 Pentadecane, 2,6,10-trimethyl-								
8.100	1289213	32.6	61	91	91053	C18H38	254	M
Unknown								
8.302	629647	25.8	83					
54105-67-8 Heptadecane, 2,6-dimethyl-								
8.370	3014173	123.6	83	94	99490	C19H40	268	M
Unknown								
8.493	341461	14.0	83	0	0		0	M
Unknown alkane								
8.538	484305	19.9	83	0	0		0	M
544-76-3 Hexadecane								
8.786	430481	17.7	83	91	73965	C16H34	226	M
638-36-8 Hexadecane, 2,6,10,14-tetramethyl-								
8.820	1614437	66.2	83	91	107670	C20H42	282	M
54833-48-6 Heptadecane, 2,6,10,15-tetramethyl-								
9.157	649087	26.6	83	87	115581	C21H44	296	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
629-92-5	Nonadecane							
9.202	377595	15.5	83	94	99477	C19H40	268	M
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-							
9.236	356325	14.6	83	97	91788	C12H7Cl3	256	M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
----------	----	----------	-----------------

* 61 Acenaphthene-d10	7.427	1582738	40.0
* 83 Phenanthrene-d10	8.898	975198	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Worklist Smp#: 17

Client ID: PMP-18SW-VD

Injection Vol: 1.0 ul

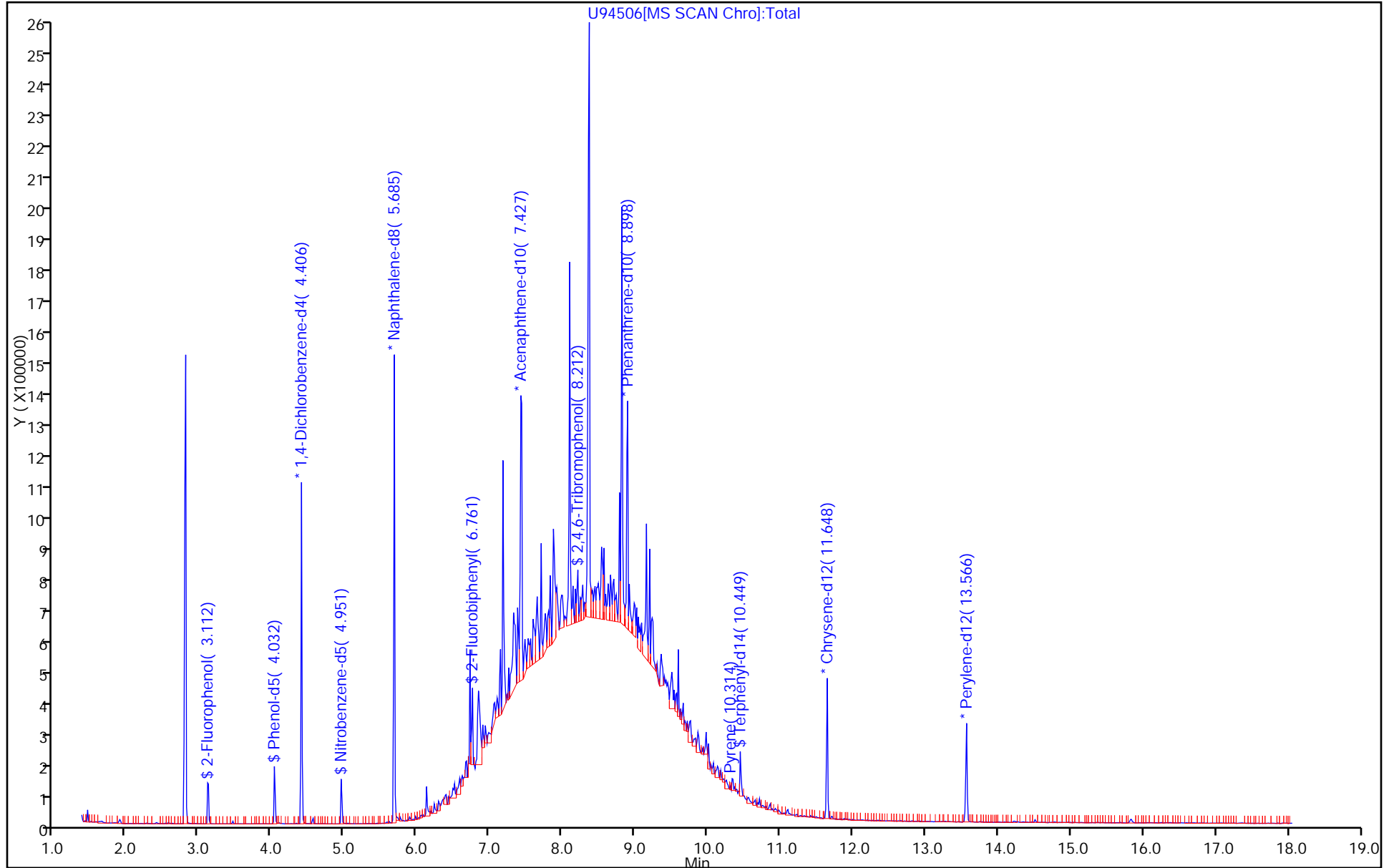
Dil. Factor: 5.0000

ALS Bottle#: 17

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

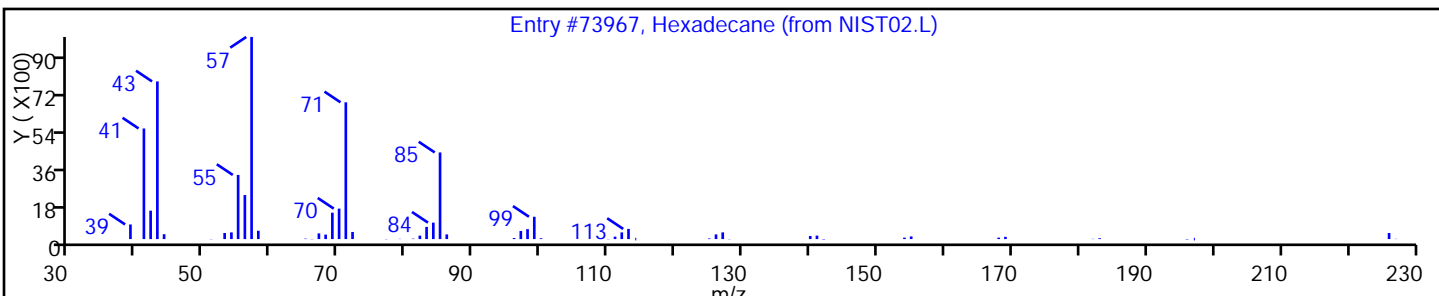
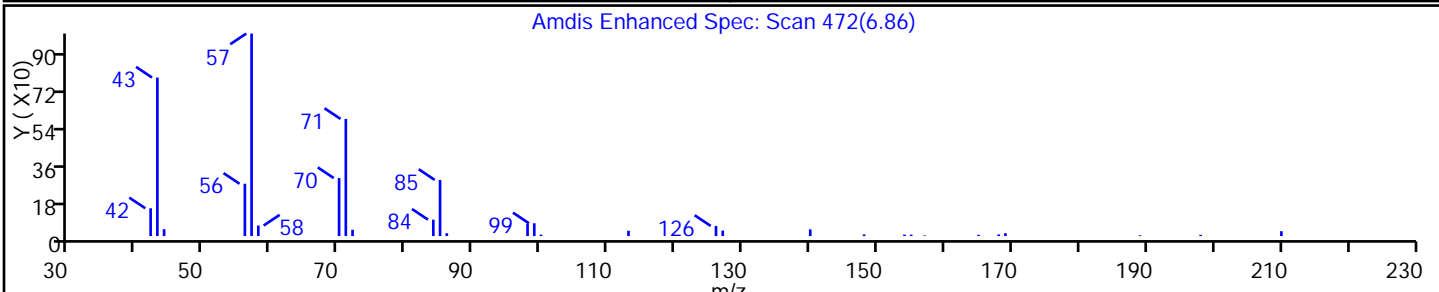
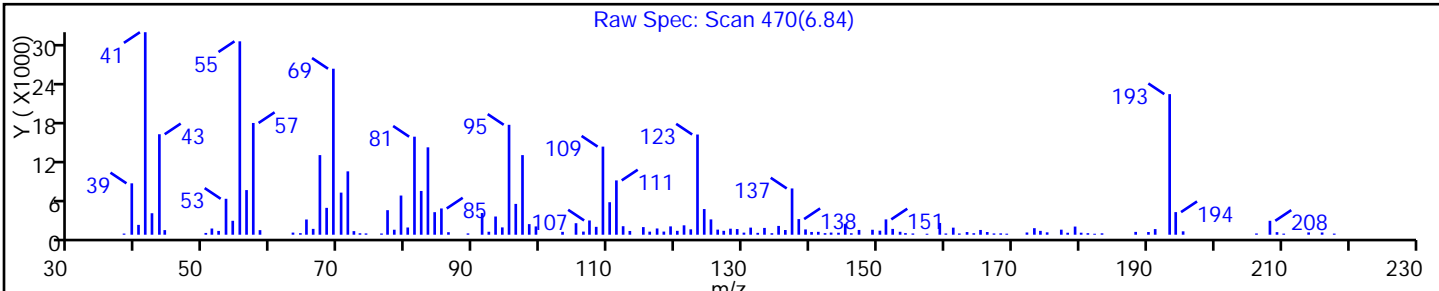
Method: 8270_4R

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	73967	C16H34	226	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

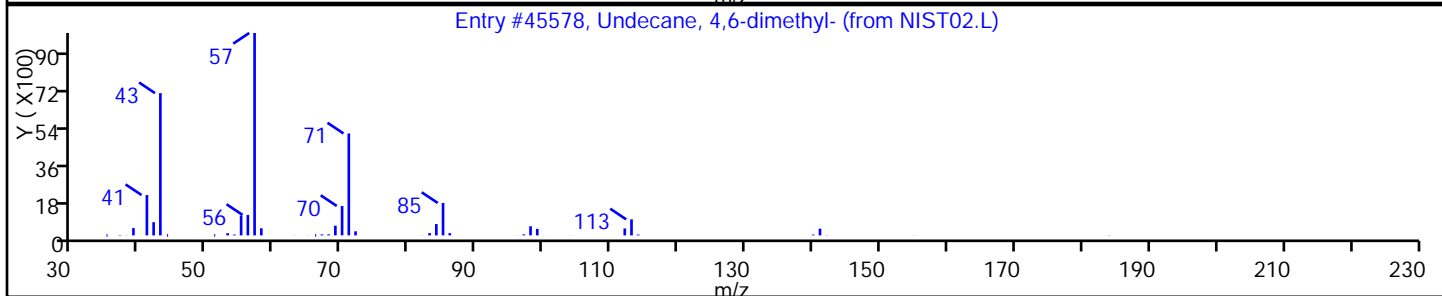
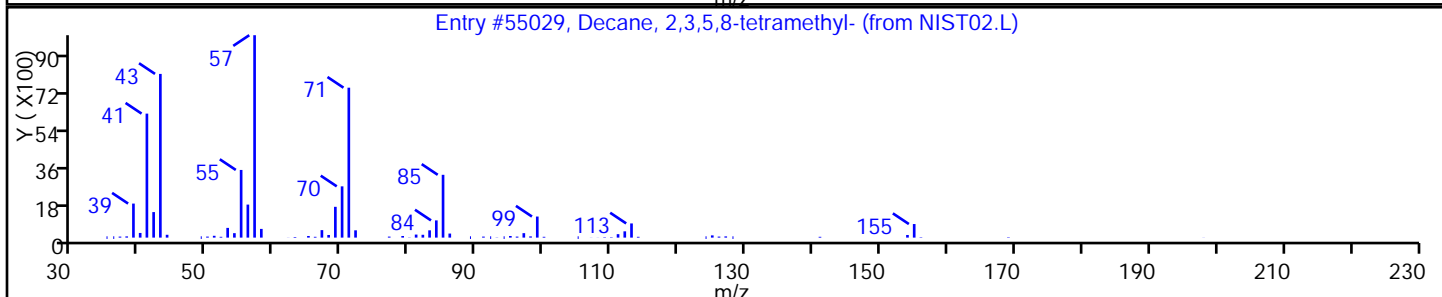
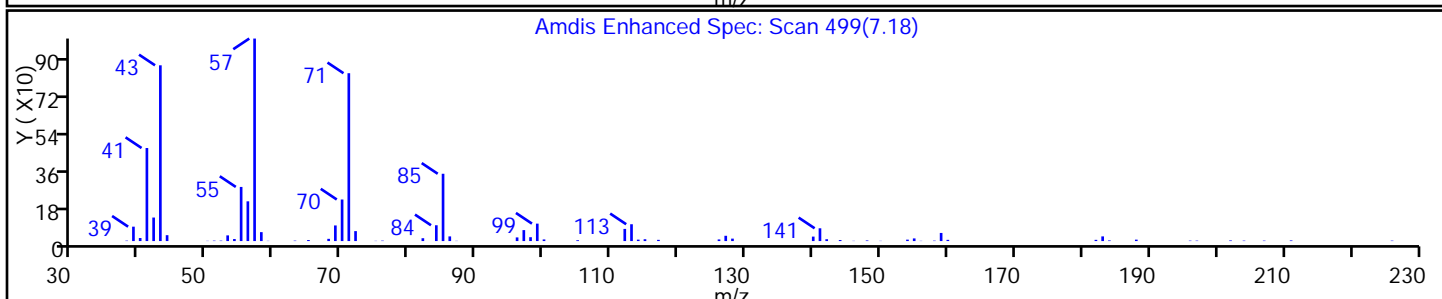
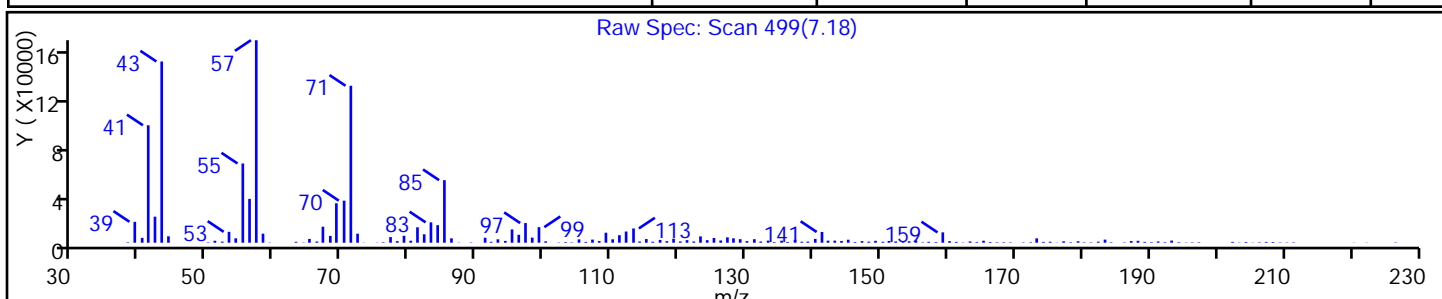
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 2,3,5,8-tetramethyl-	192823-15-7	NIST02.L	55029	C14H30	198	86
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#:

17

Worklist Smp#:

17

Injection Vol: 1.0 ul

Dil. Factor:

5.0000

Method: 8270_4R

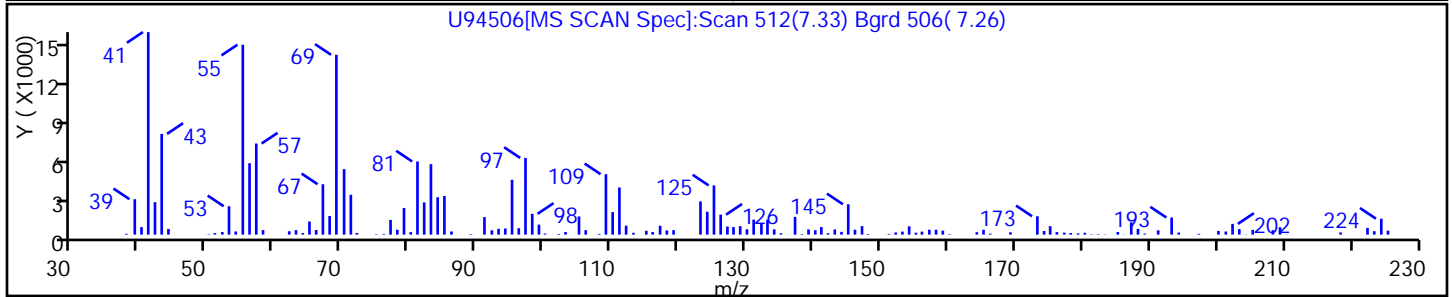
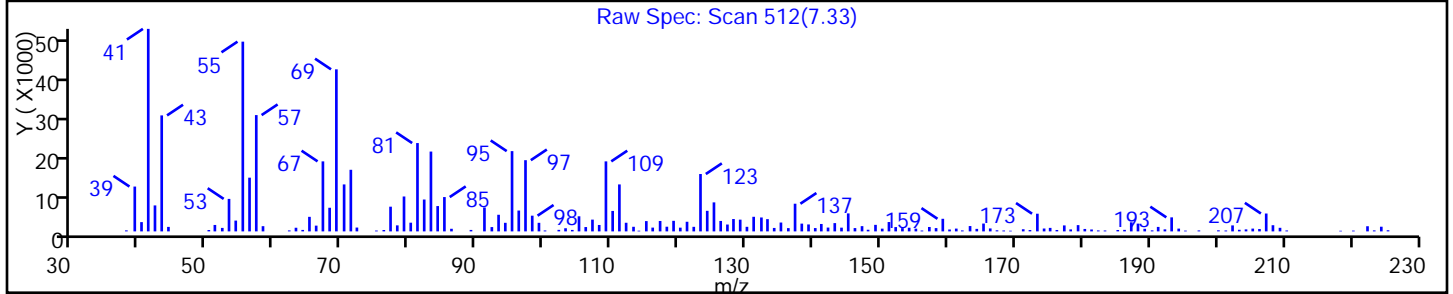
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

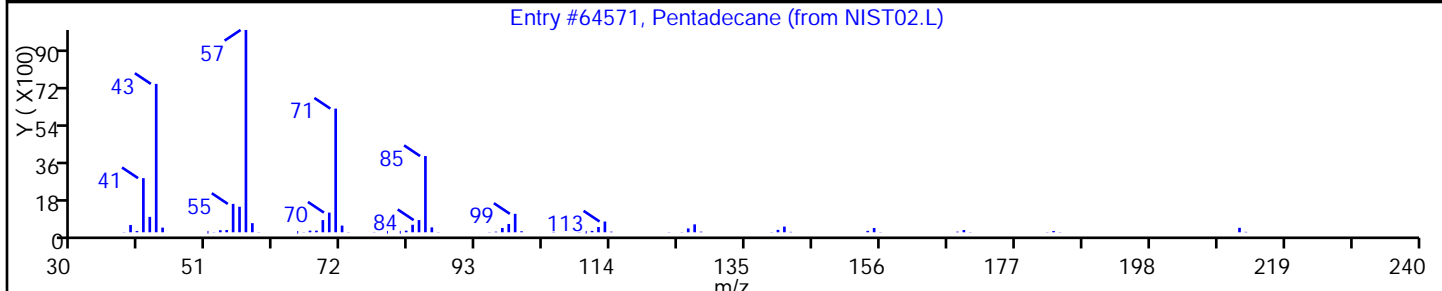
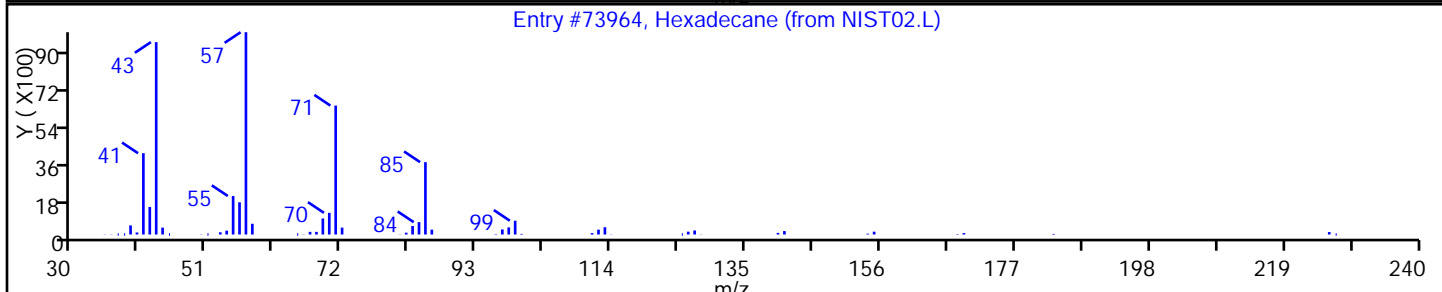
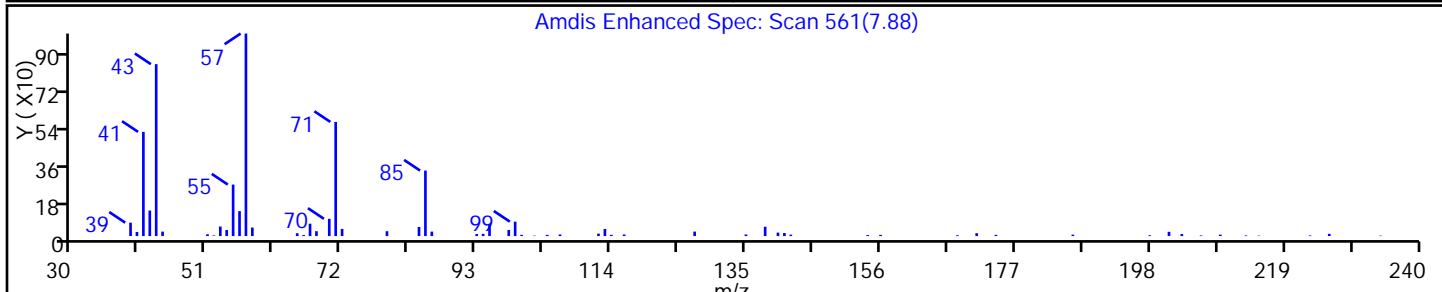
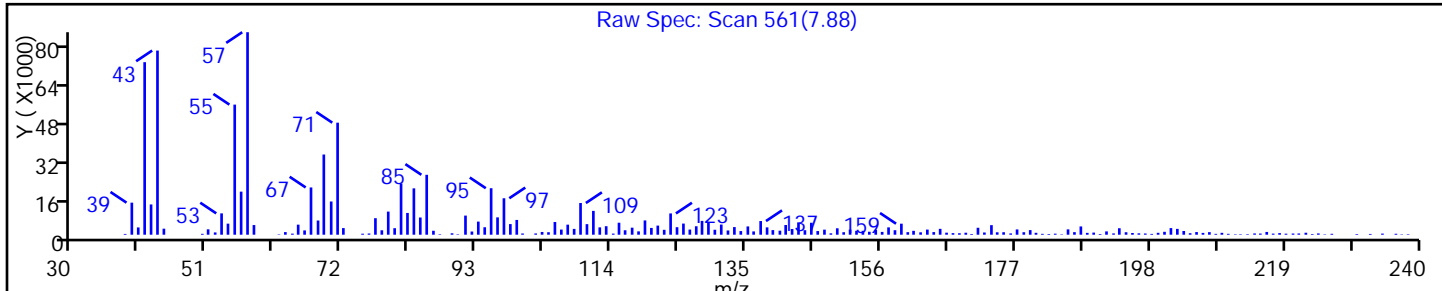
Method: 8270_4R

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	96
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

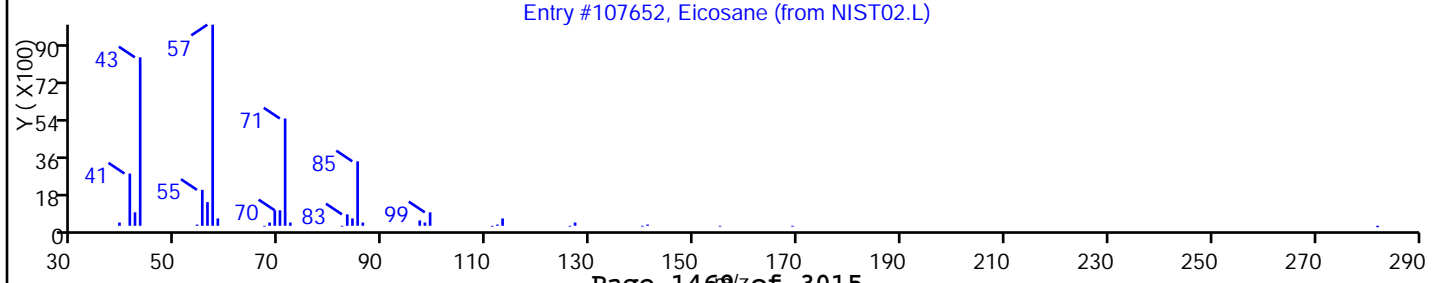
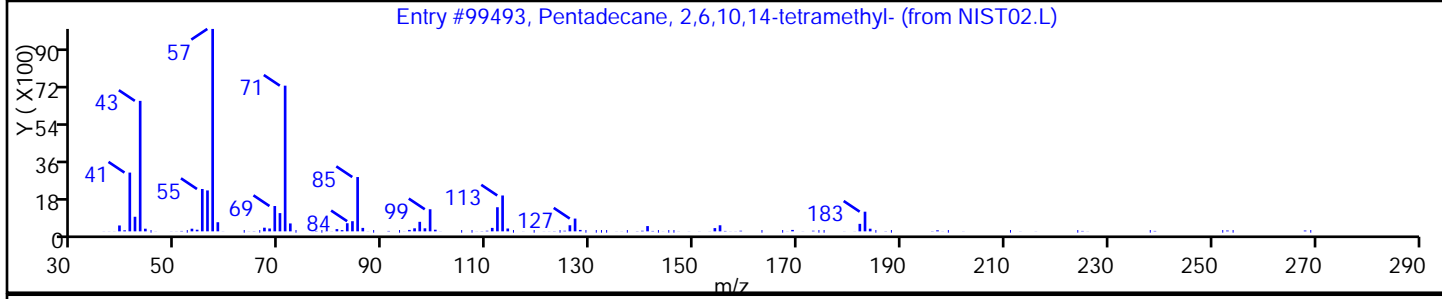
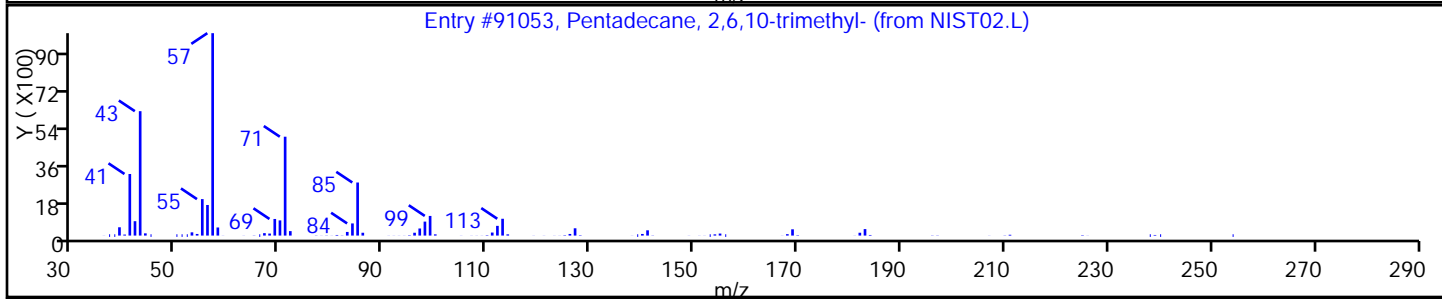
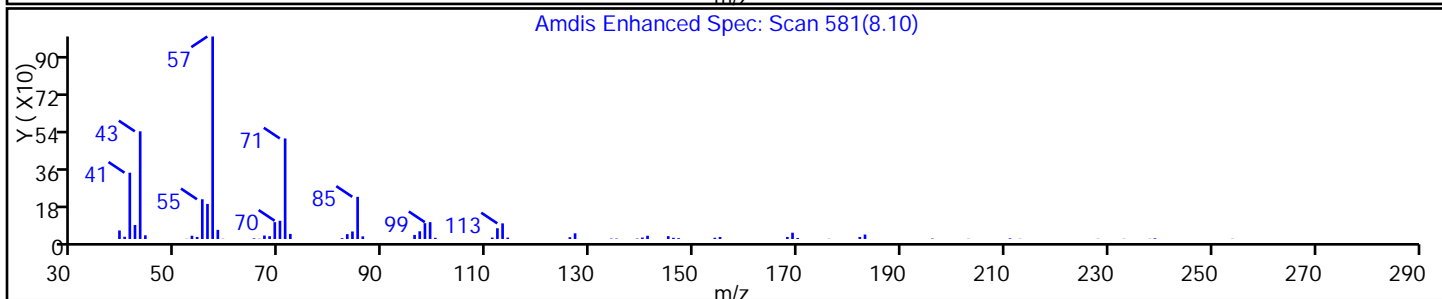
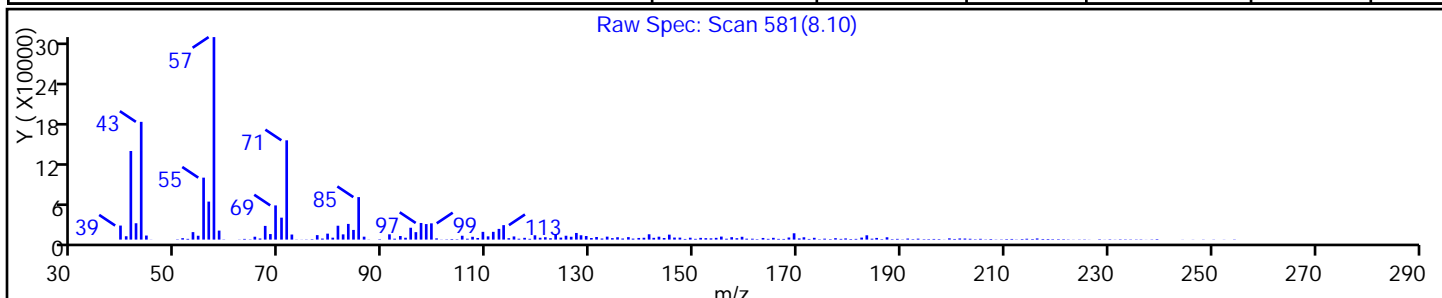
Method: 8270_4R

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
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	80
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

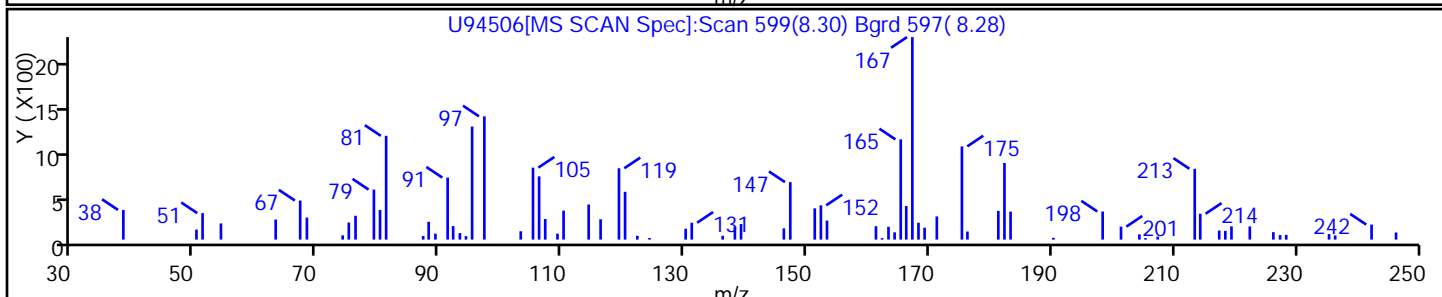
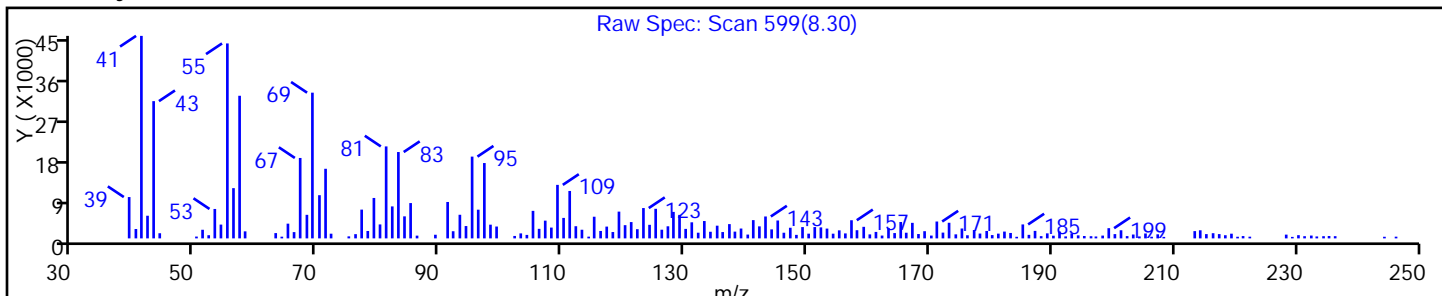
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector: MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

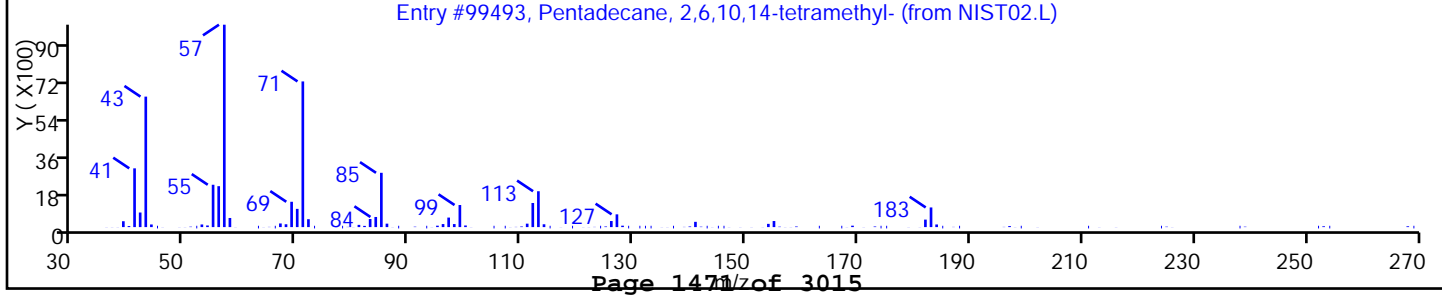
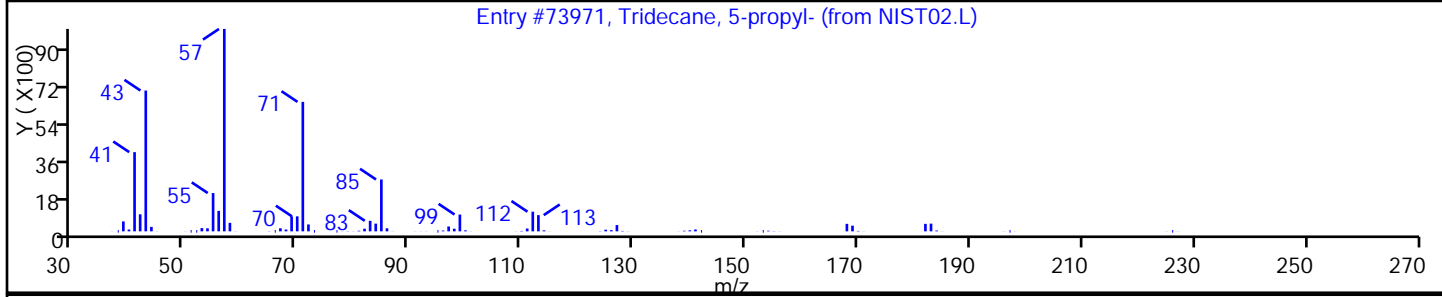
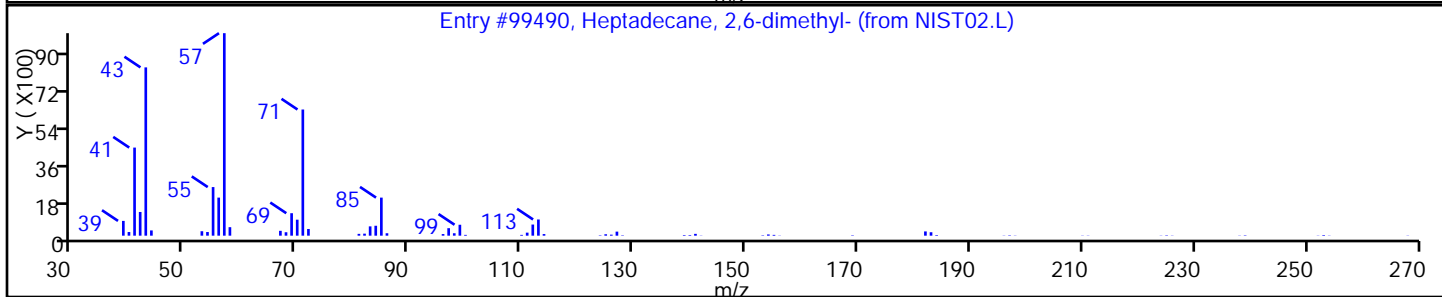
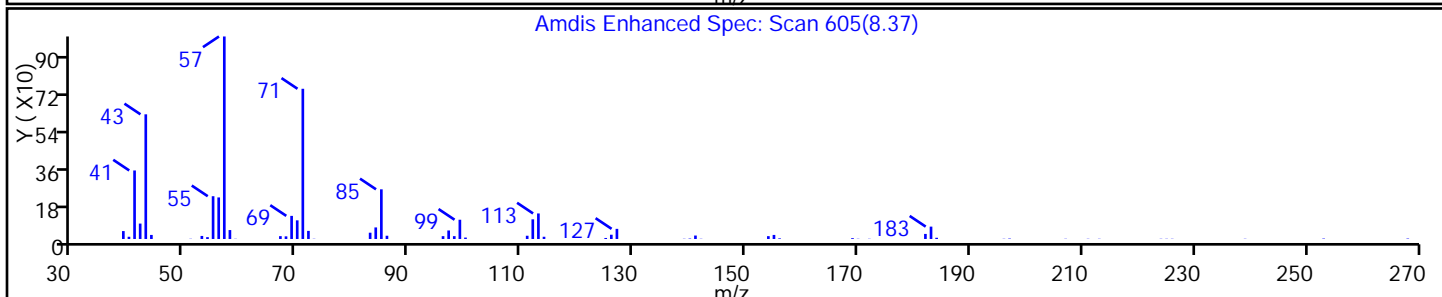
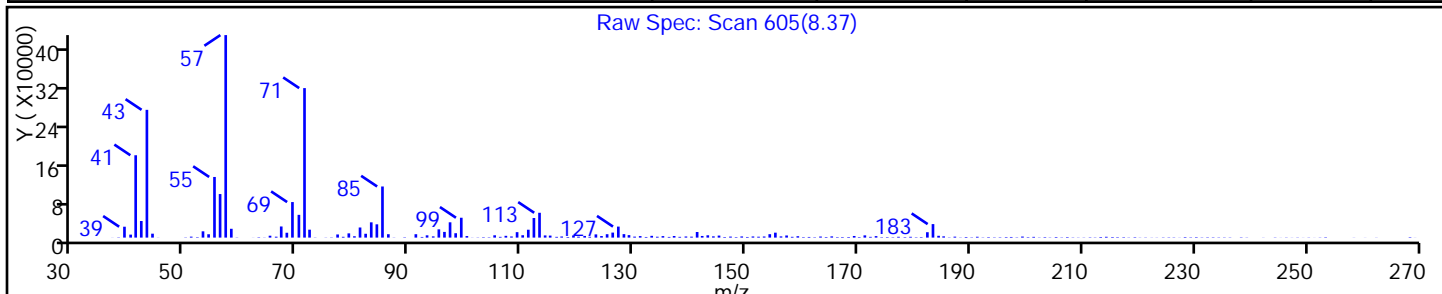
Method: 8270_4R

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	99493	C19H40	268	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

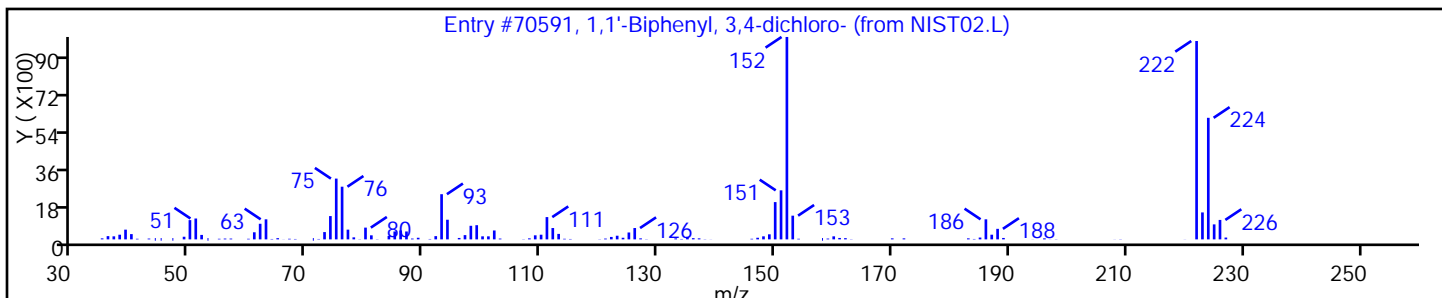
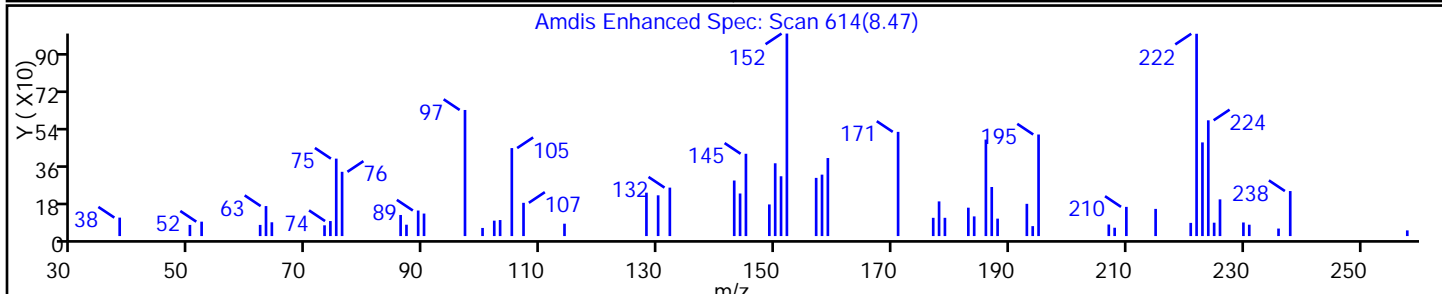
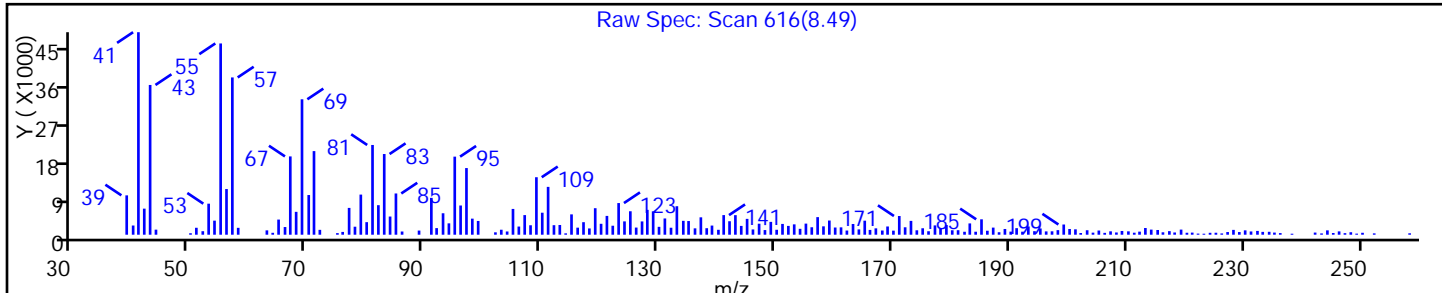
Method: 8270_4R

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
1,1'-Biphenyl, 3,4-dichloro-	2974-92-7	NIST02.L	70591	C12H8Cl2	222	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

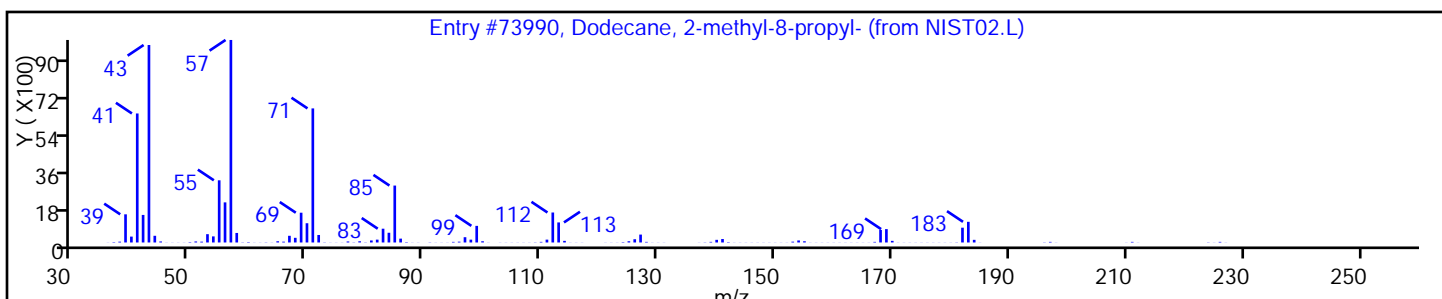
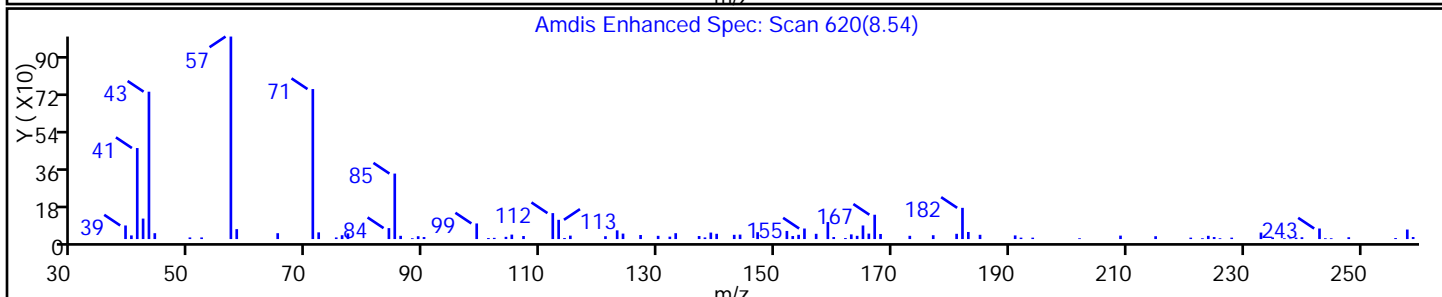
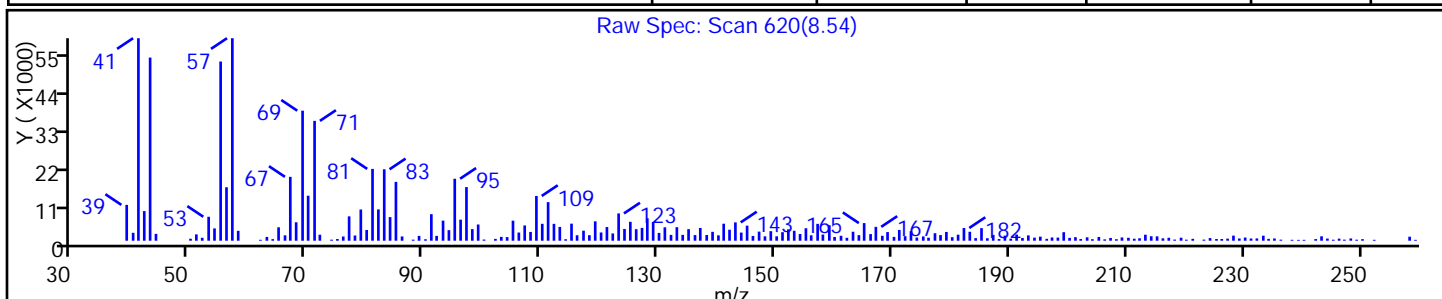
Method: 8270_4R

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-methyl-8-propyl-	55045-07-3	NIST02.L	73990	C16H34	226	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

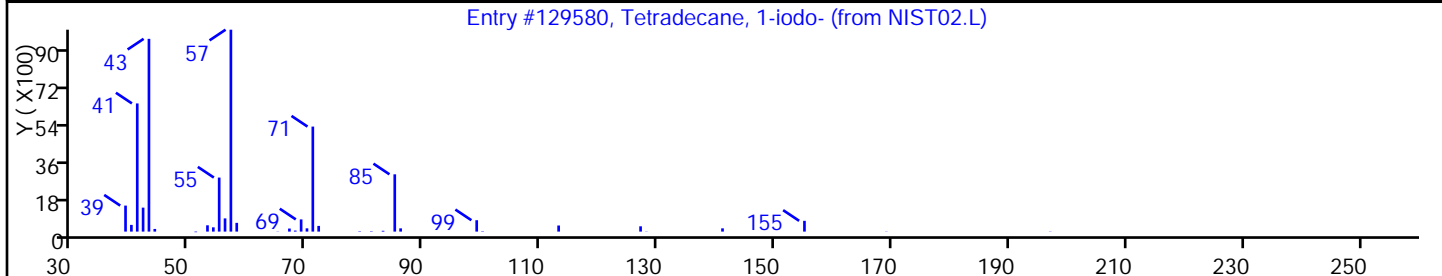
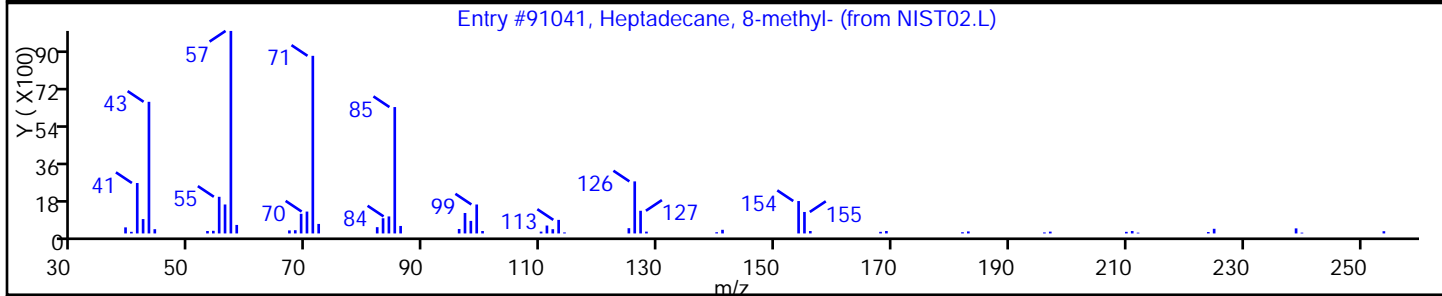
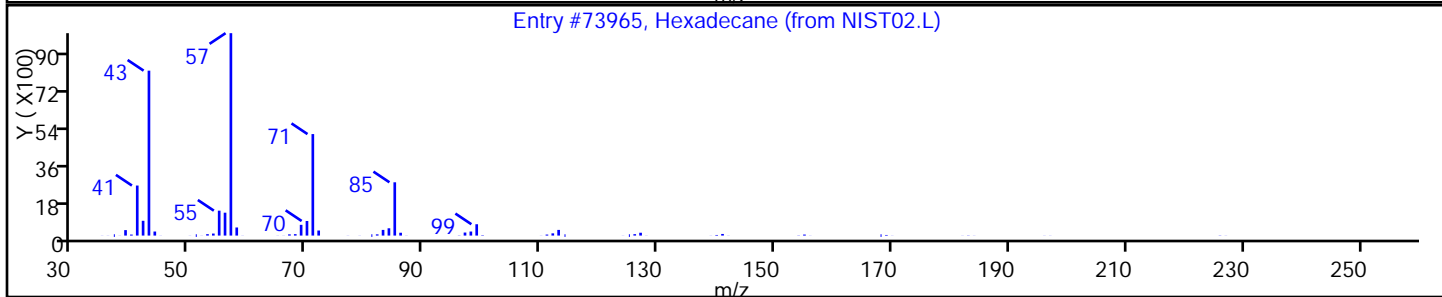
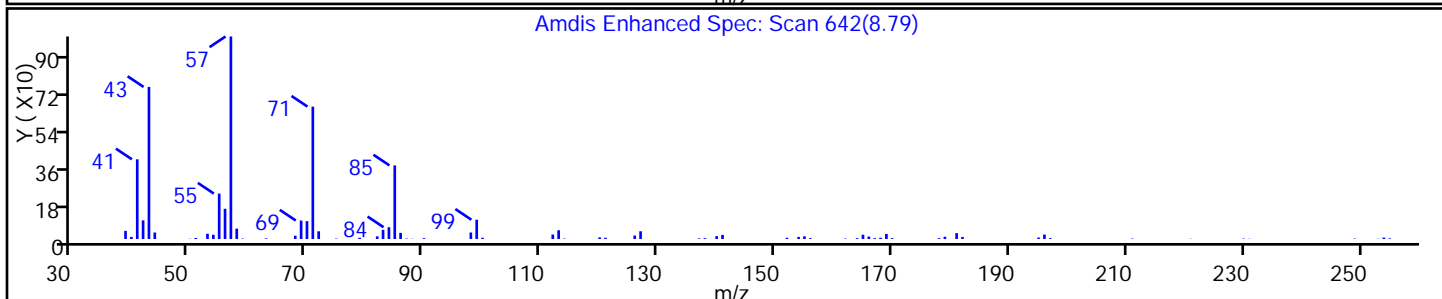
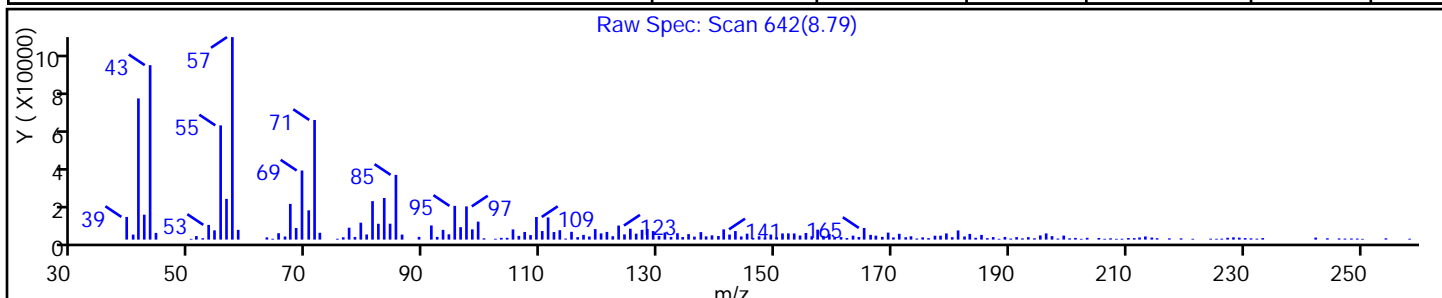
Method: 8270_4R

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	91
Heptadecane, 8-methyl-	13287-23-5	NIST02.L	91041	C18H38	254	87
Tetradecane, 1-iodo-	19218-94-1	NIST02.L	129580	C14H29I	324	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

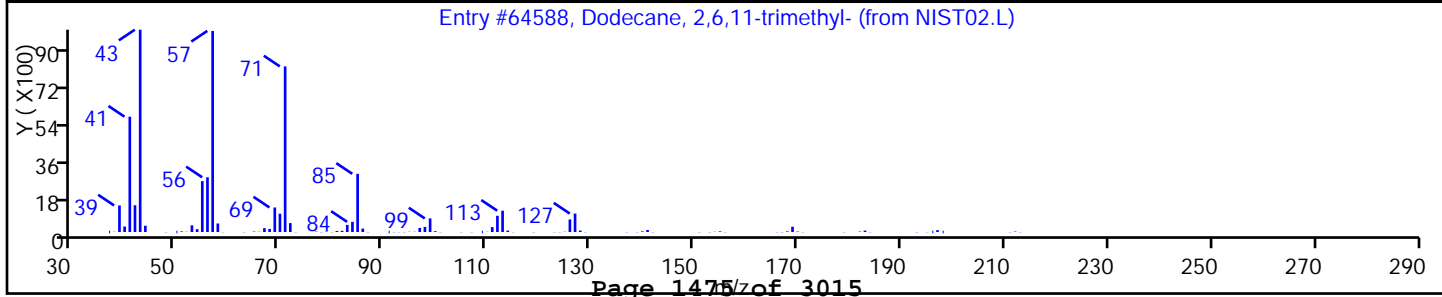
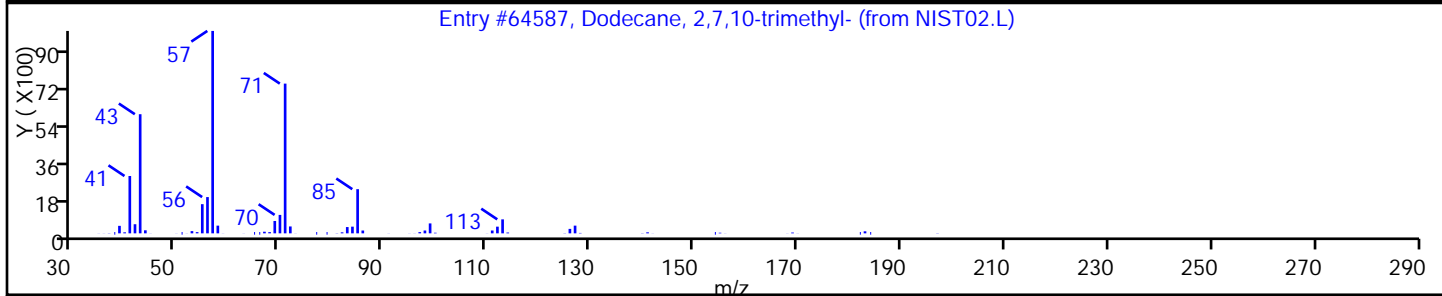
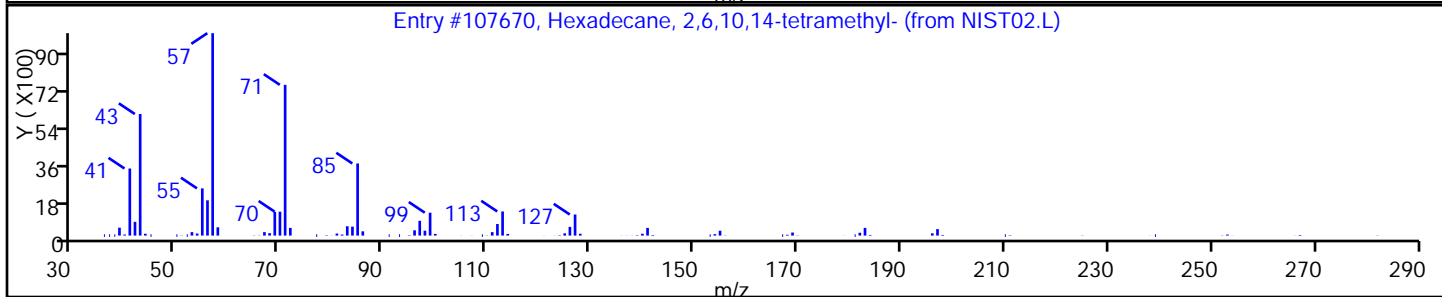
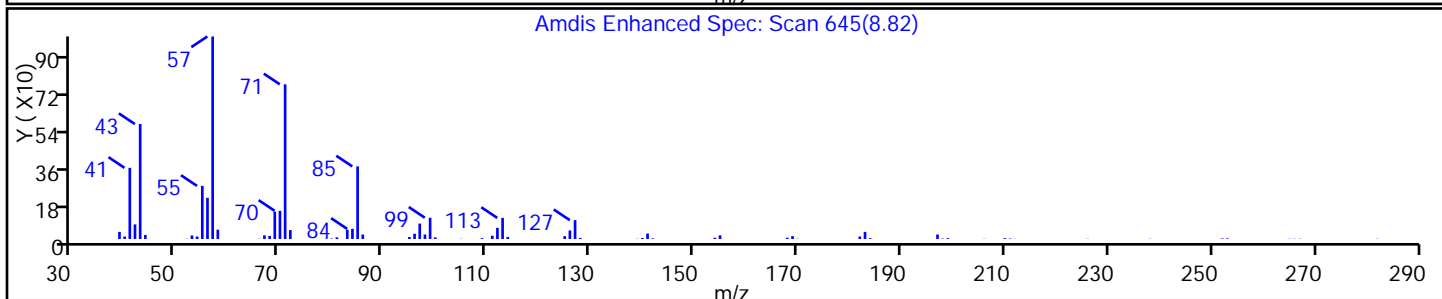
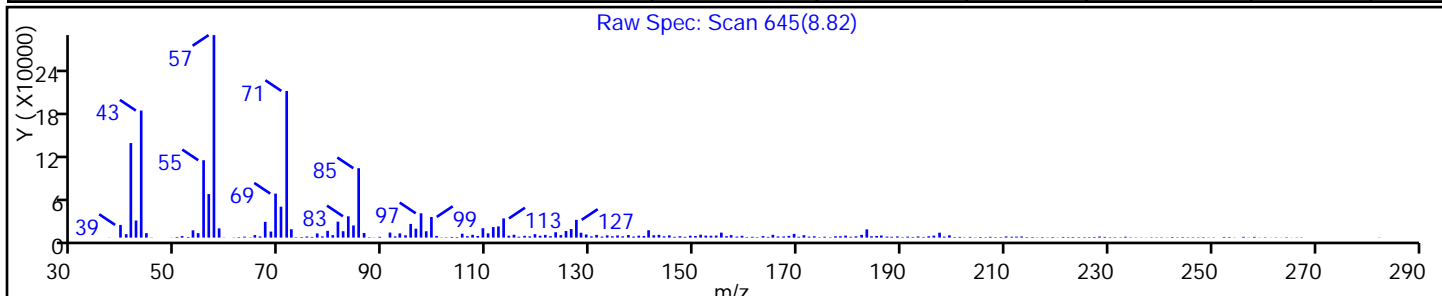
Method: 8270_4R

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	91
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

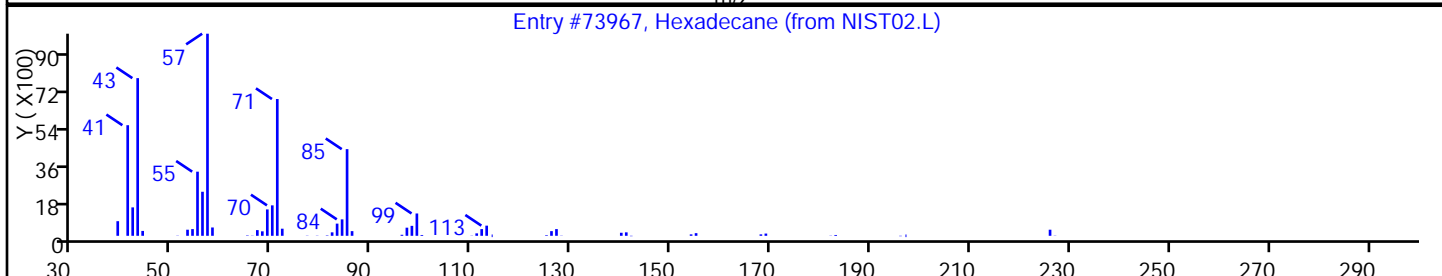
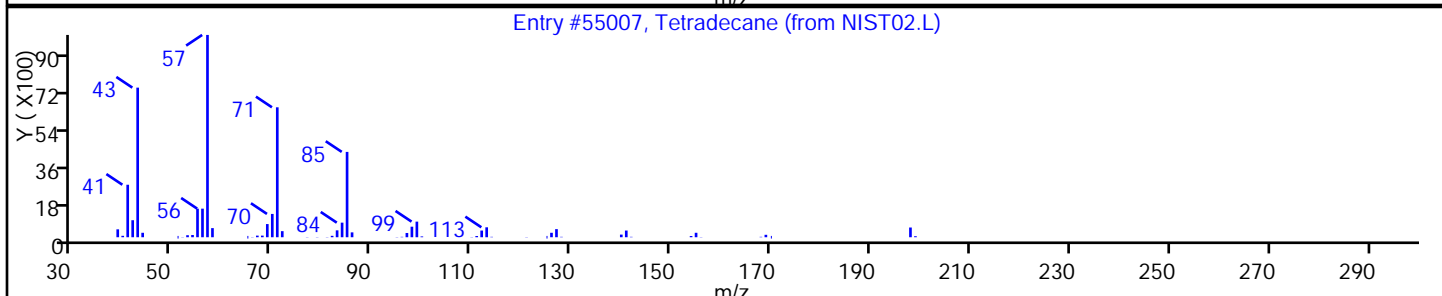
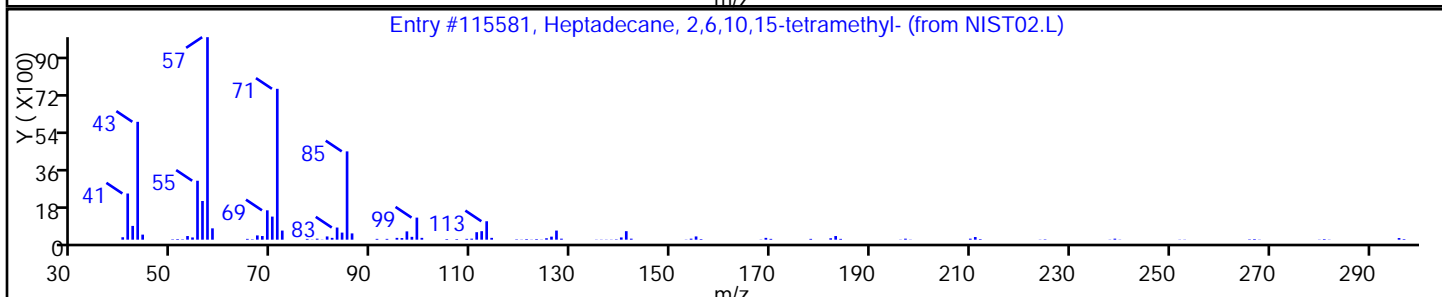
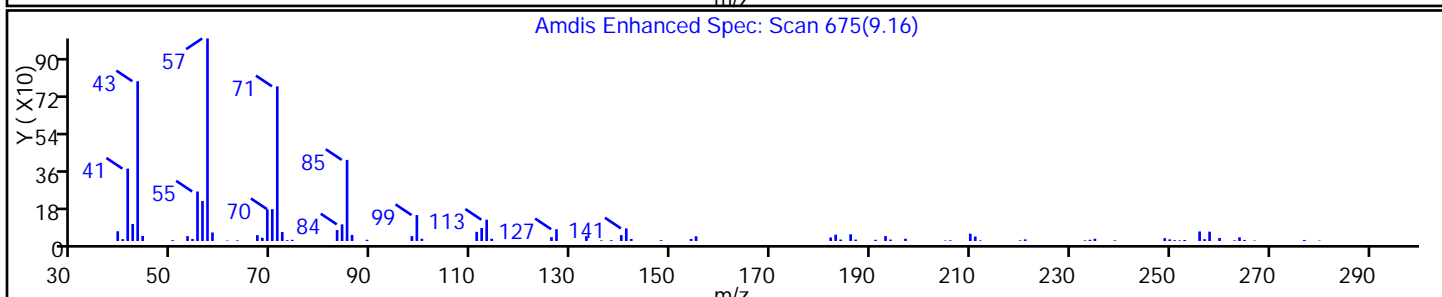
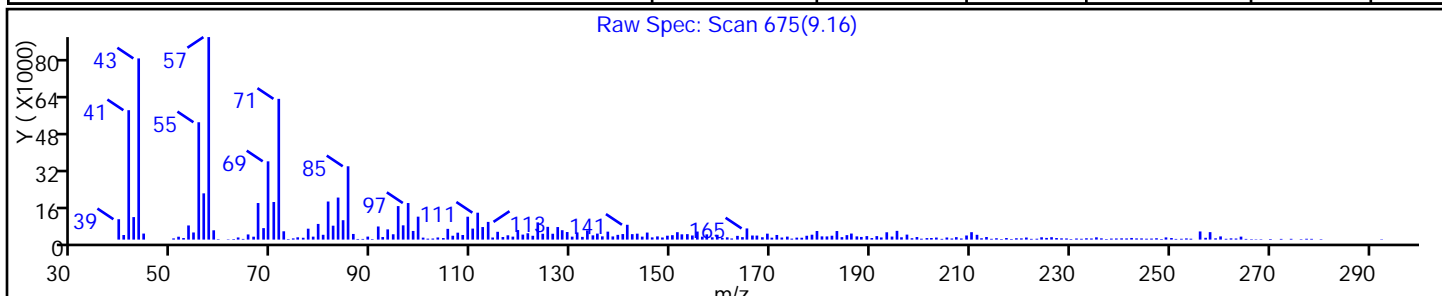
Method: 8270_4R

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	C ₂₁ H ₄₄	296	87
Tetradecane	629-59-4	NIST02.L	55007	C ₁₄ H ₃₀	198	86
Hexadecane	544-76-3	NIST02.L	73967	C ₁₆ H ₃₄	226	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

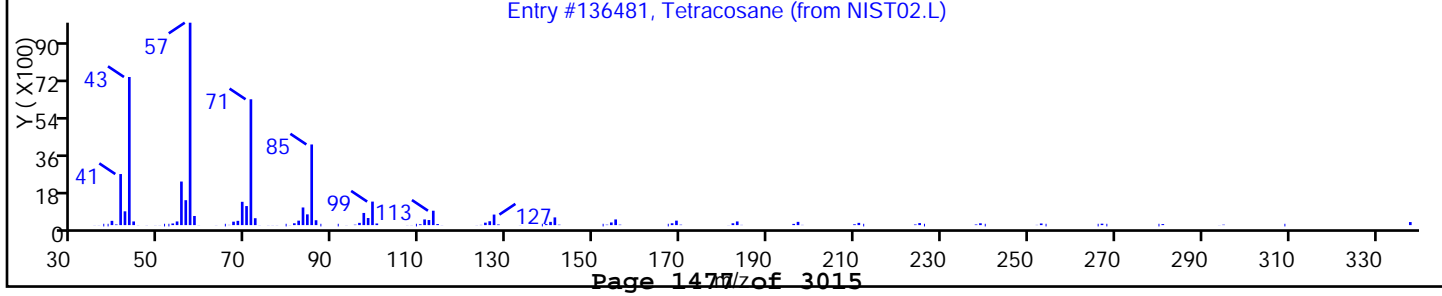
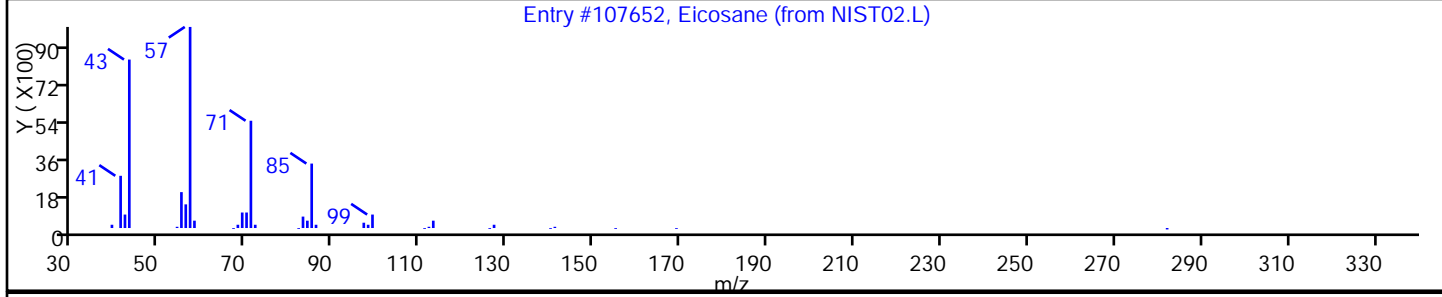
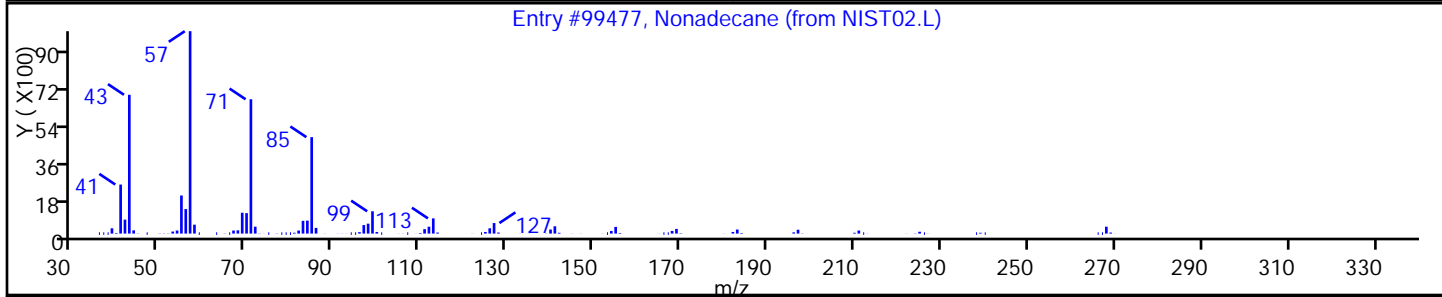
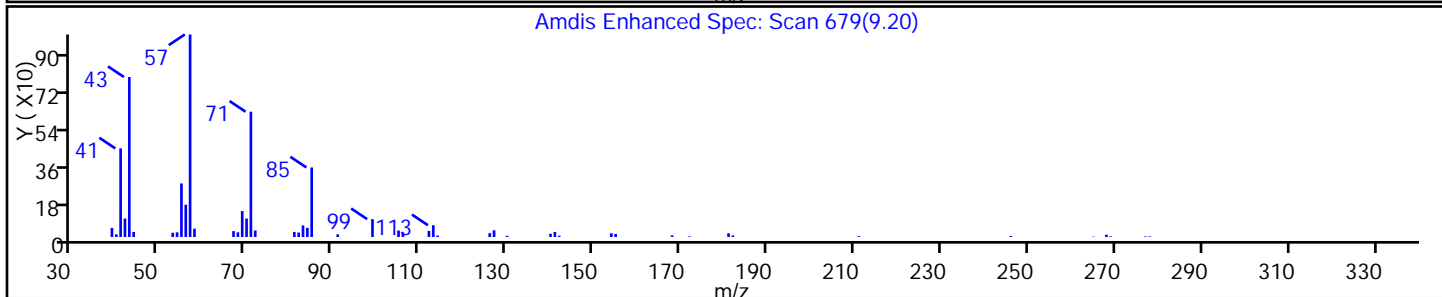
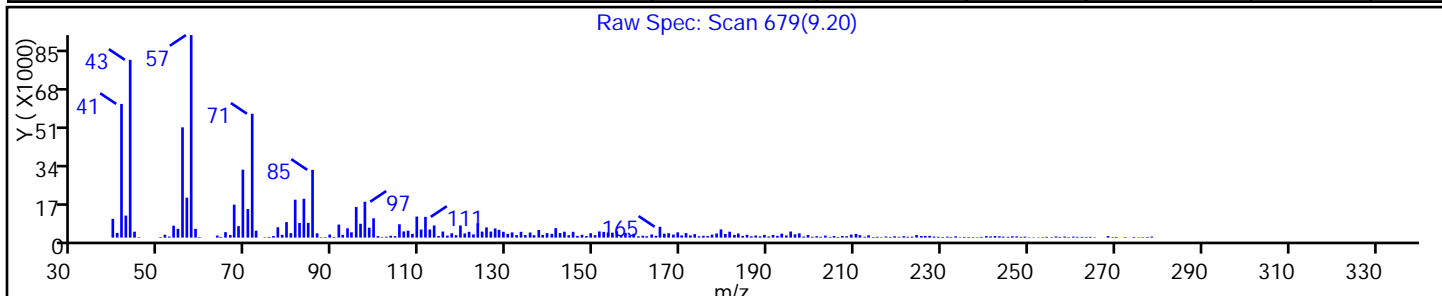
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94506.D

Injection Date: 13-Mar-2014 08:56:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 17

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

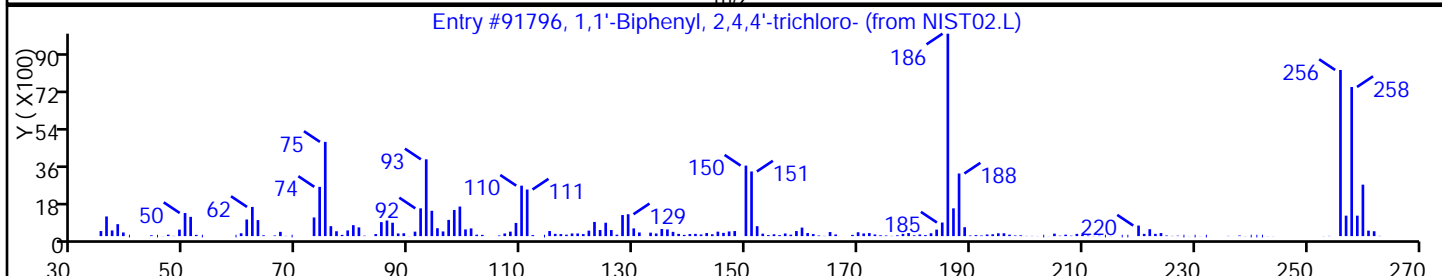
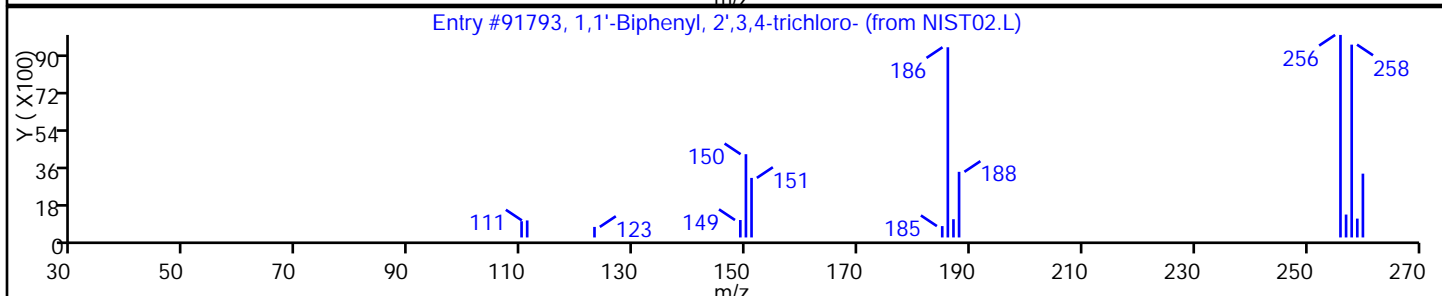
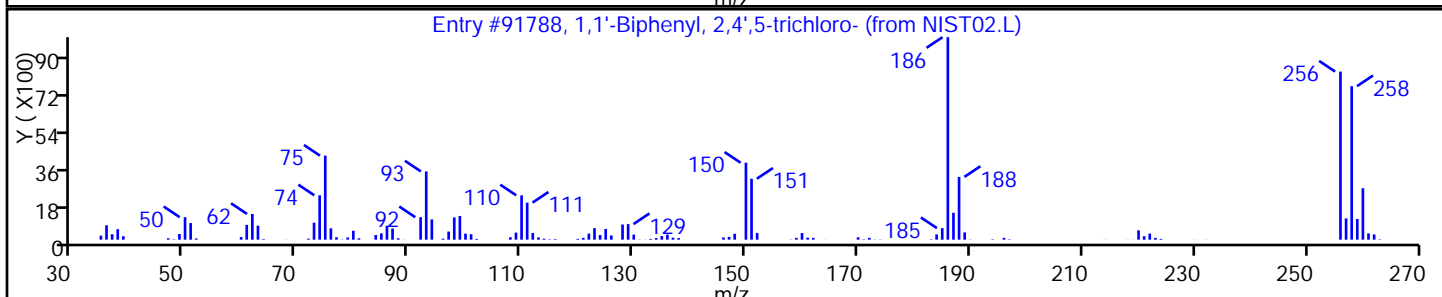
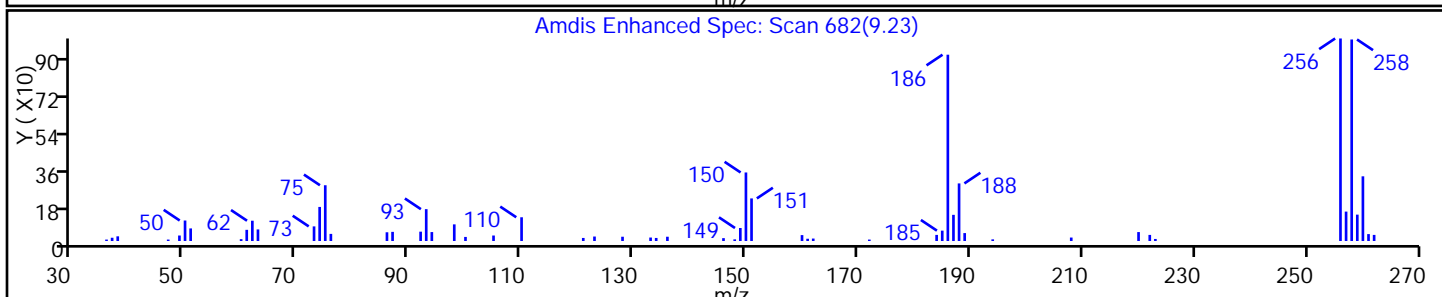
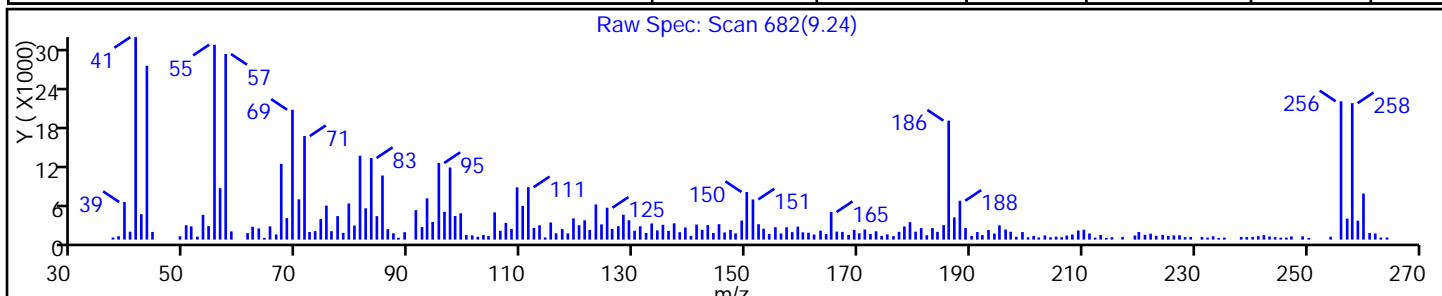
Method: 8270_4R

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	97
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	91796	C12H7Cl3	256	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: U94475.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:59
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: U94475.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:59
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	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	53	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	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	120	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	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	7.1	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	49	U	380	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: U94475.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:59
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		40-106
4165-62-2	Phenol-d5	80		44-104
1718-51-0	Terphenyl-d14	85		41-145
118-79-6	2,4,6-Tribromophenol	91		19-114
367-12-4	2-Fluorophenol	70		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: U94475.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:59
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg
 Number TICs Found: 15 TIC Result Total: 70700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.40	2100	J
	Unknown	6.92	1900	J
629-59-4	Tetradecane	7.20	5100	J N
	Unknown	7.73	7700	J
544-76-3	Hexadecane	8.12	4900	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.40	12000	J N
	Unknown	8.59	6500	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.84	6100	J N
4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.03	3700	J N
7225-66-3	Tridecane, 7-hexyl-	9.18	3900	J N
38444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	9.26	4900	J N
	Unknown	9.52	4400	J
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	10.03	3000	J N
74472-35-8	1,1'-Biphenyl, 2,3,3',4,6-Pentachloro-	10.70	2400	J N
	Unknown	10.87	2100	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D
 Lims ID: 460-72180-E-11-A Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 10:59:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-016
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:26:58 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: croccom

Date: 12-Mar-2014 16:04:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.133	3.121	0.012	82	189622	34.8	
\$ 6 Phenol-d5	99	4.053	4.068	-0.015	72	262311	39.9	
* 13 1,4-Dichlorobenzene-d4	152	4.413	4.410	0.003	97	124431	40.0	
\$ 25 Nitrobenzene-d5	82	4.959	4.977	-0.018	94	223294	32.1	
* 35 Naphthalene-d8	136	5.691	5.690	0.001	100	564550	40.0	
\$ 48 2-Fluorobiphenyl	172	6.773	6.765	0.008	95	326078	41.2	
* 61 Acenaphthene-d10	164	7.447	7.436	0.011	90	231800	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.232	8.219	0.013	81	40618	45.6	
* 83 Phenanthrene-d10	188	8.920	8.891	0.029	86	309461	40.0	
88 Fluoranthene	202	10.093	10.081	0.012	1	4262	0.6923	
90 Pyrene	202	10.307	10.303	0.004	80	9215	1.59	
\$ 91 Terphenyl-d14	244	10.465	10.465	0.0	97	181251	42.5	
* 96 Chrysene-d12	240	11.651	11.661	-0.010	96	183781	40.0	
* 103 Perylene-d12	264	13.571	13.580	-0.009	97	179701	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D
 Lims ID: 460-72180-E-11-A Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 10:59:30 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-016
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:26:58 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: croccom Date: 12-Mar-2014 16:04:05

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.402	899887	28.0	35	0	0		0	
6.921	2193994	24.3	61					
629-59-4								
7.201	6000062	66.6	61	90	55009	C14H30	198	
7.727	9038120	100.3	61					
544-76-3								
8.120	5720282	63.5	61	86	73965	C16H34	226	
1921-70-6								
8.401	9513116	158.9	83	97	99492	C19H40	268	
8.593	5066466	84.7	83					
638-36-8								
8.841	4747129	79.3	83	97	107670	C20H42	282	
4612-63-9								
9.032	2851565	47.6	83	86	52120	C15H14	194	
7225-66-3								
9.179	3081074	51.5	83	96	99478	C19H40	268	
38444-86-9								
9.258	3859164	64.5	83	95	91793	C12H7Cl3	256	
9.517	3431810	57.3	83					

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
10.025	2330111	38.9	83	97	111724	C12H6Cl4	290	
10.701	459022	31.7	96	99	129481	C12H5Cl5	324	
10.869	403767	27.8	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.691	1287541	40.0
* 61 Acenaphthene-d10	7.436	3605555	40.0
* 83 Phenanthrene-d10	8.908	2394076	40.0
* 96 Chrysene-d12	11.651	580021	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Worklist Smp#: 16

Client ID: PMP-18SW-WT

Injection Vol: 1.0 ul

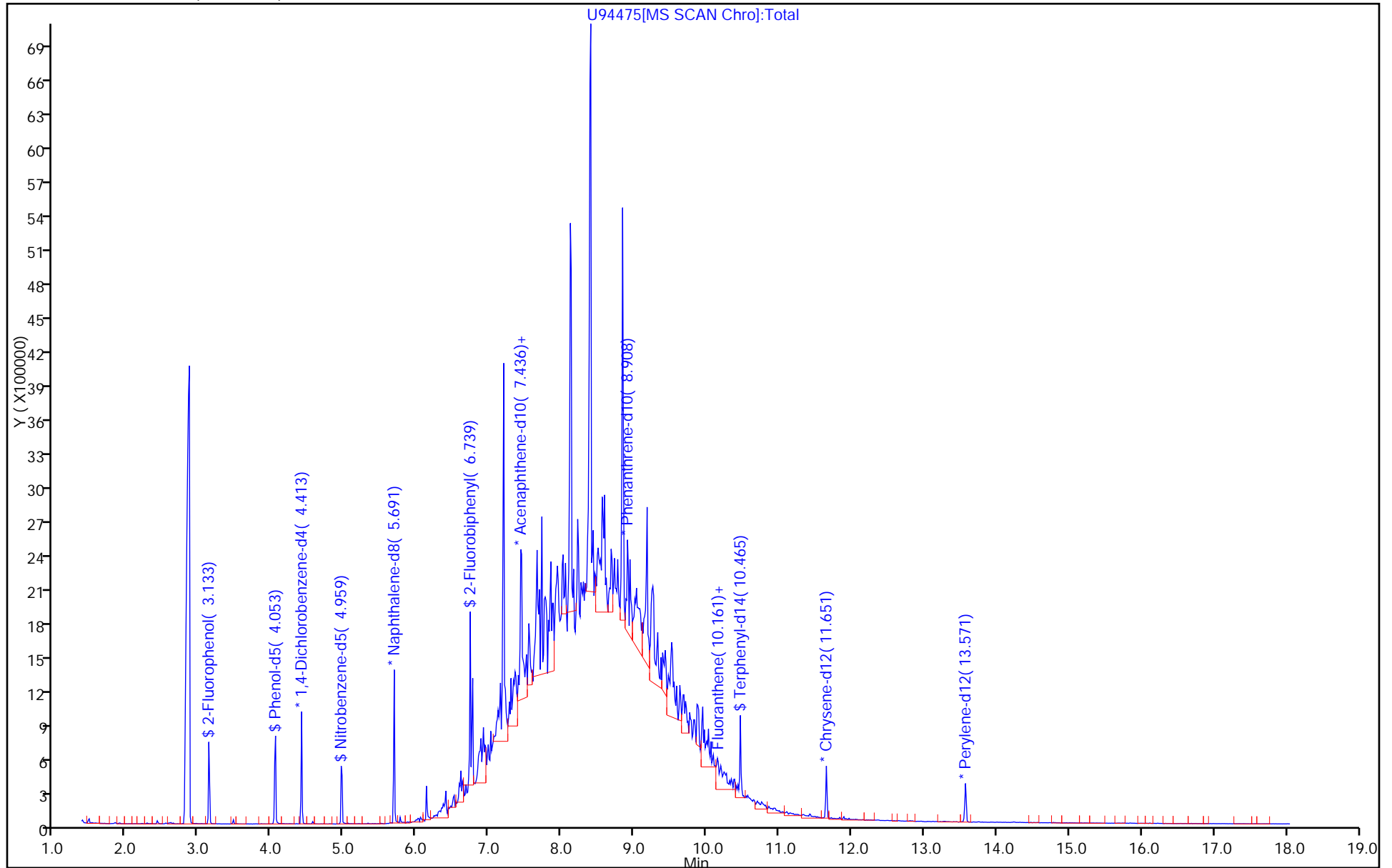
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

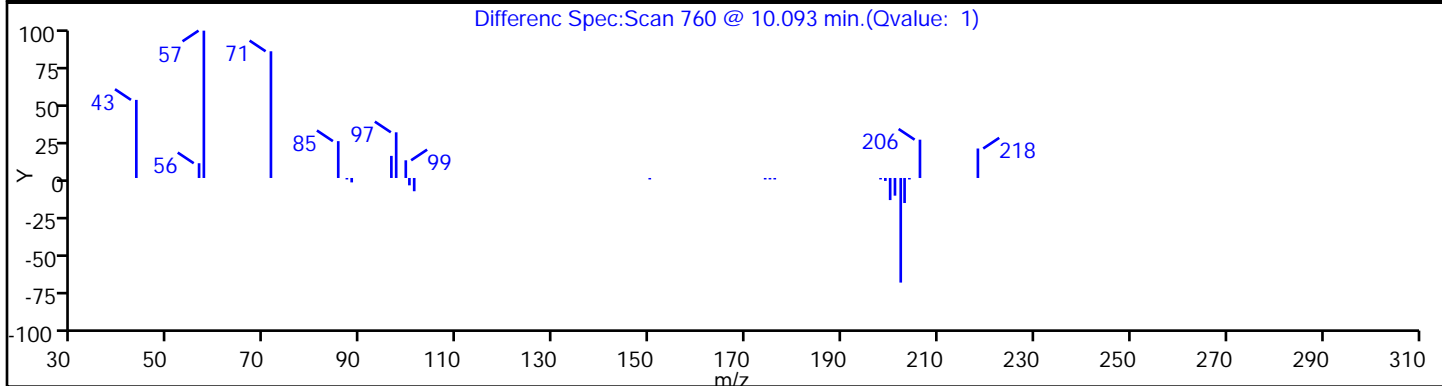
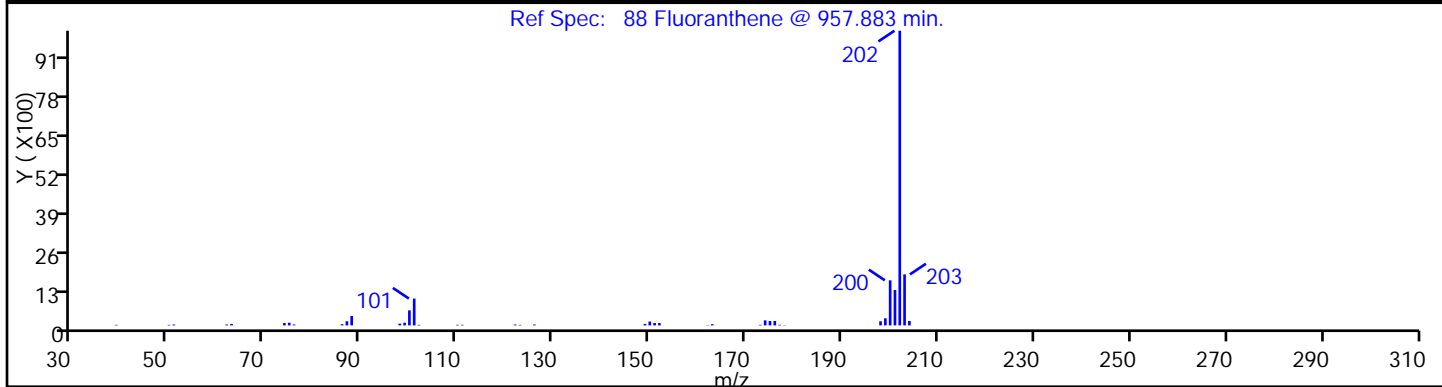
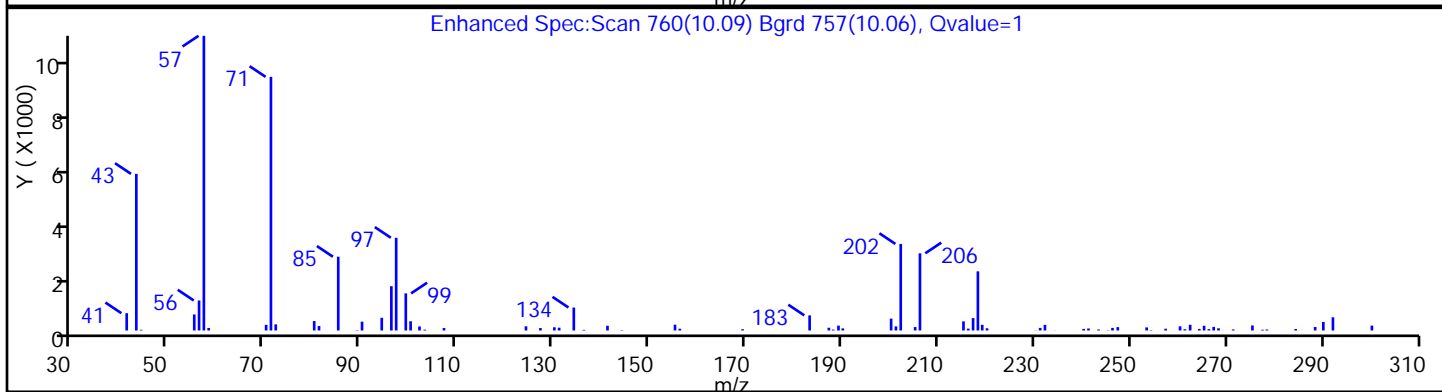
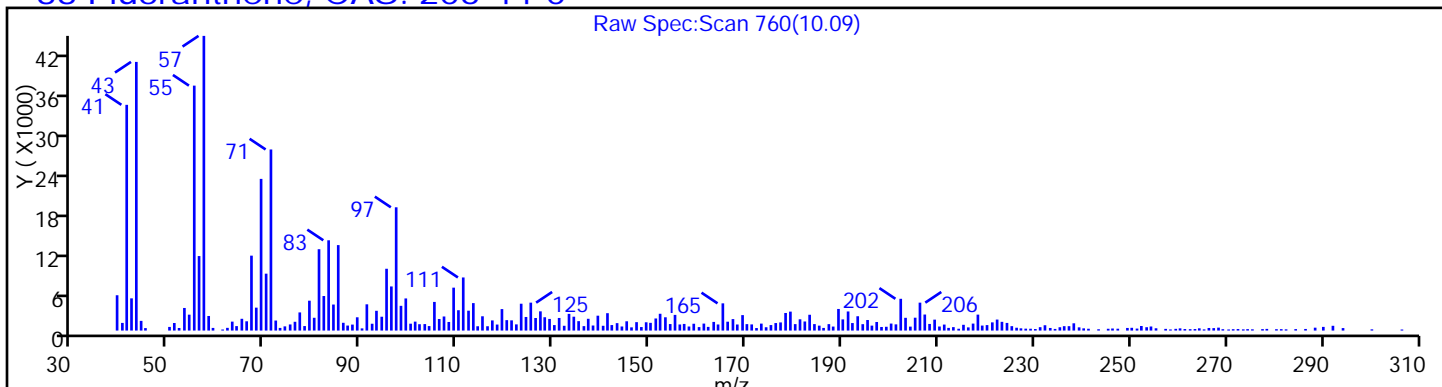
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

88 Fluoranthene, CAS: 206-44-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

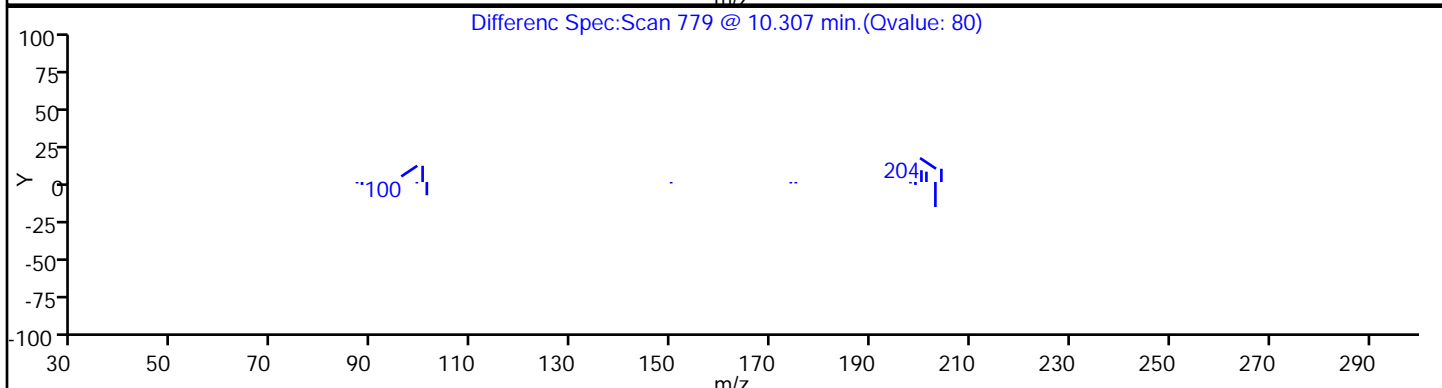
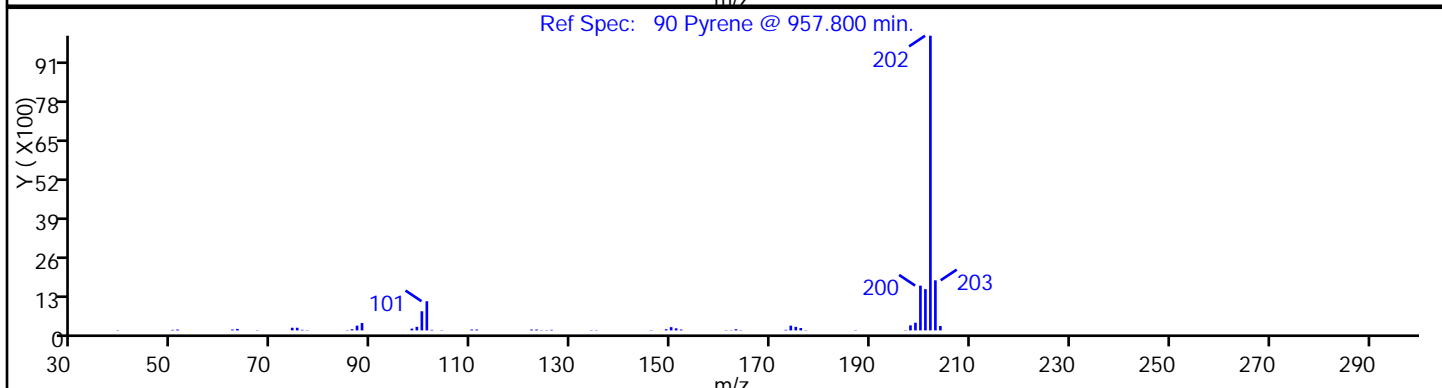
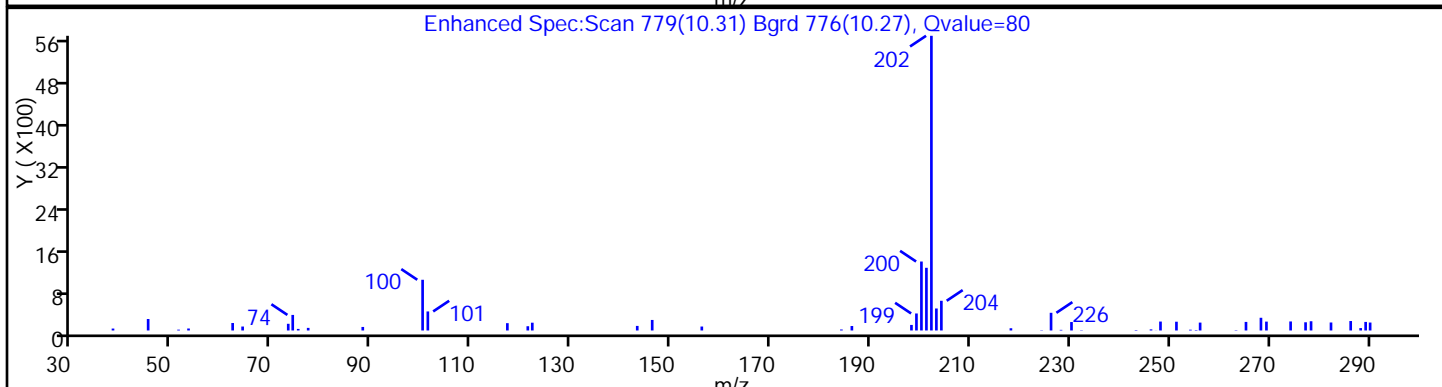
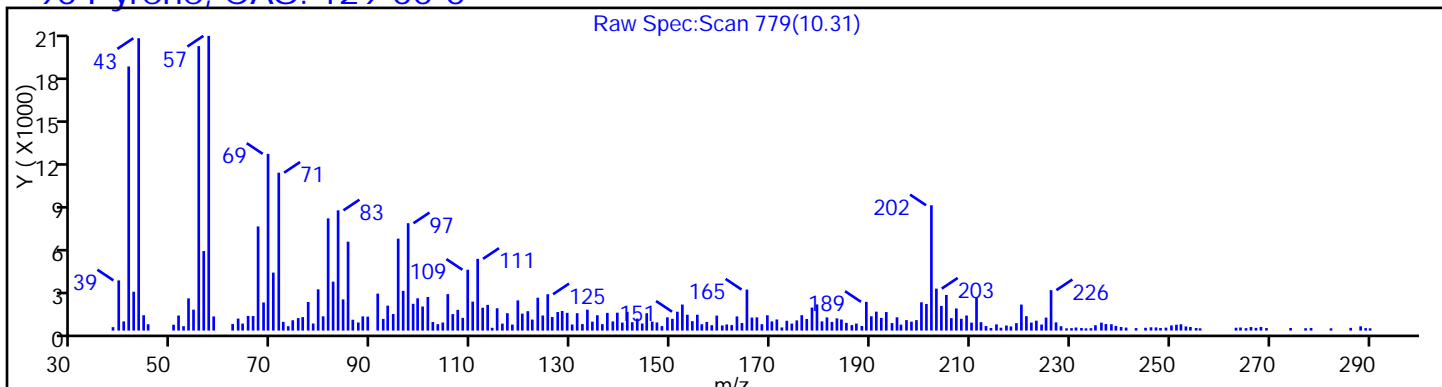
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

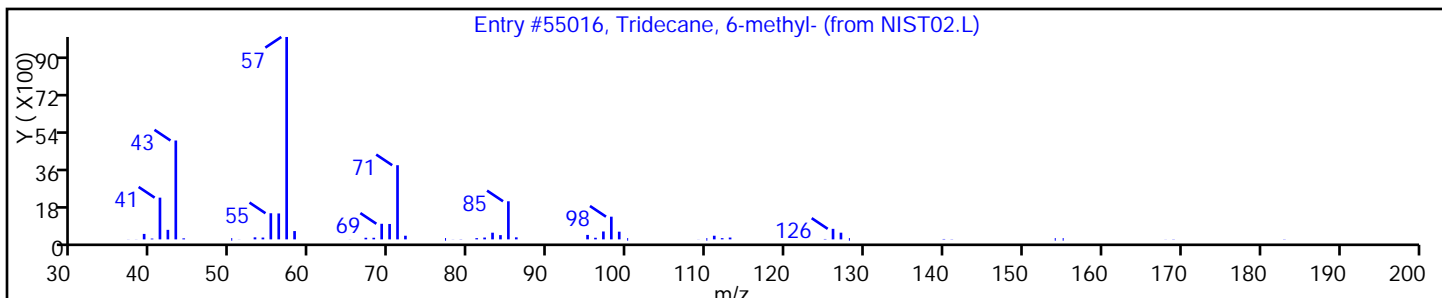
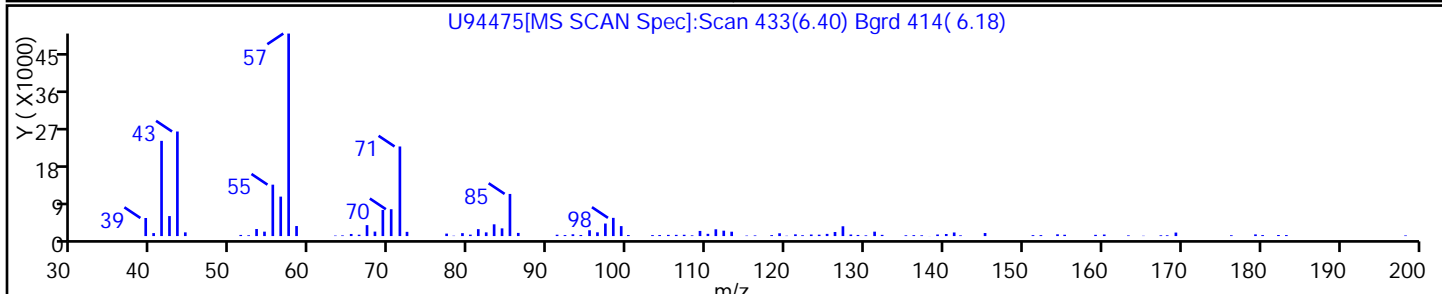
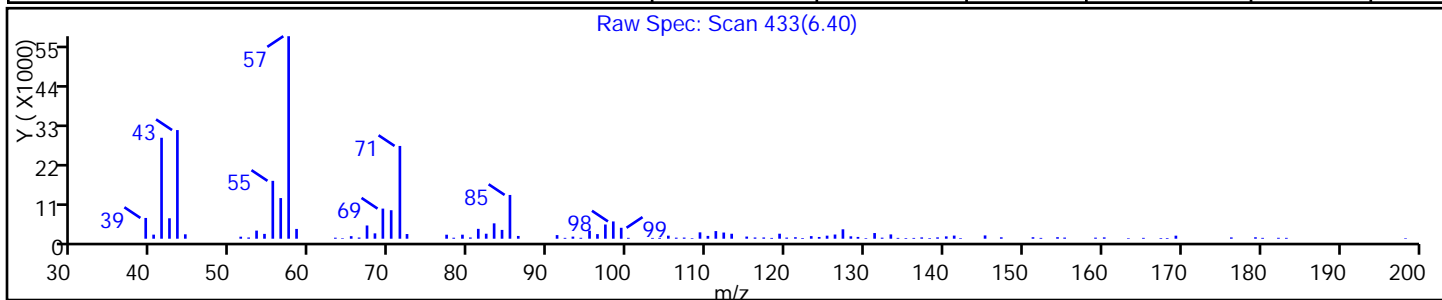
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tridecane, 6-methyl-	13287-21-3	NIST02.L	55016	C14H30	198	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

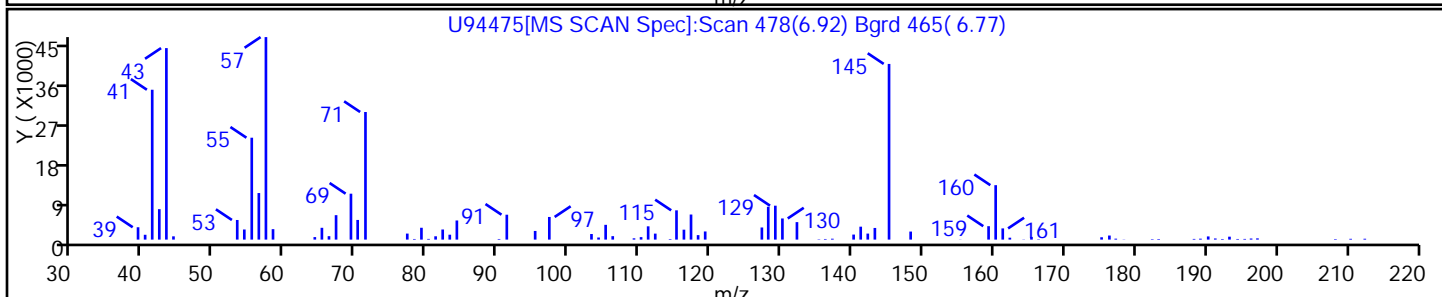
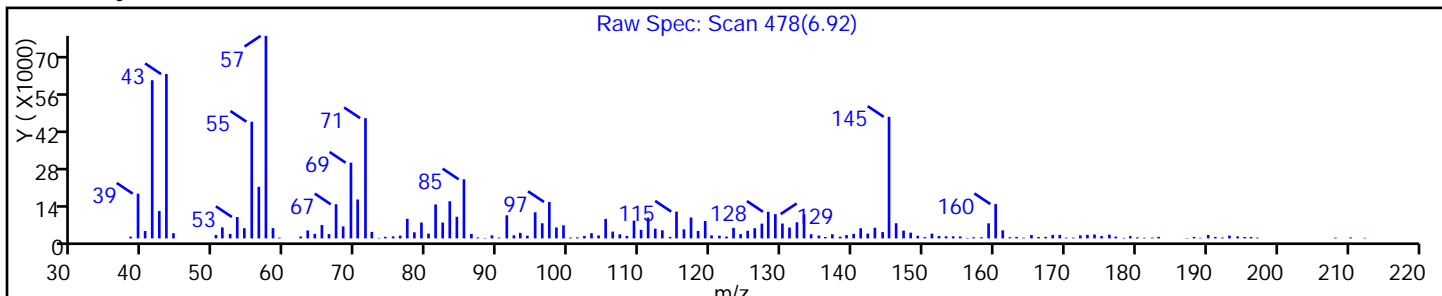
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

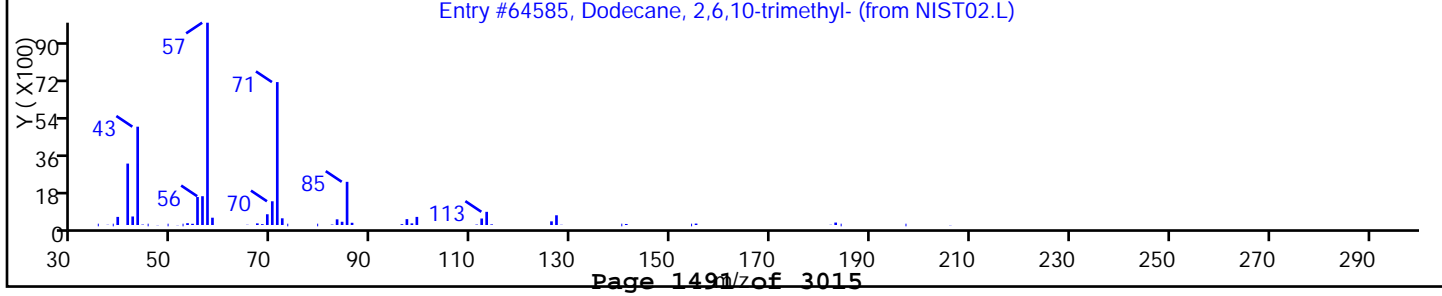
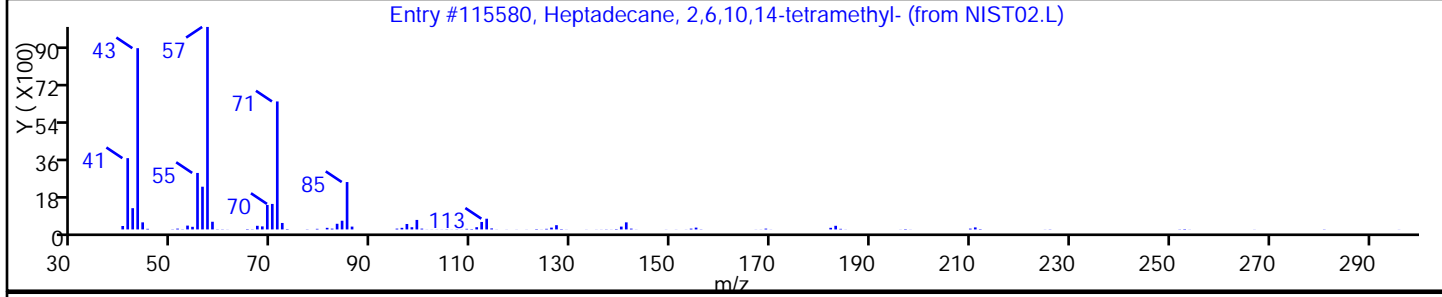
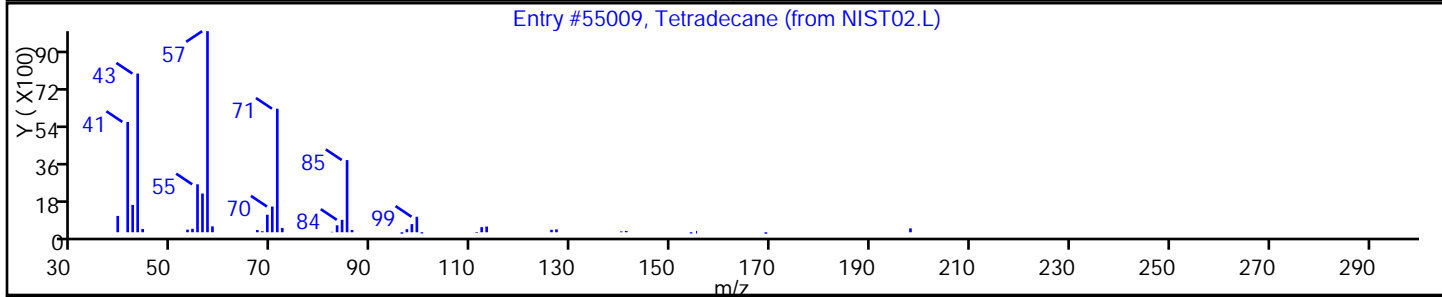
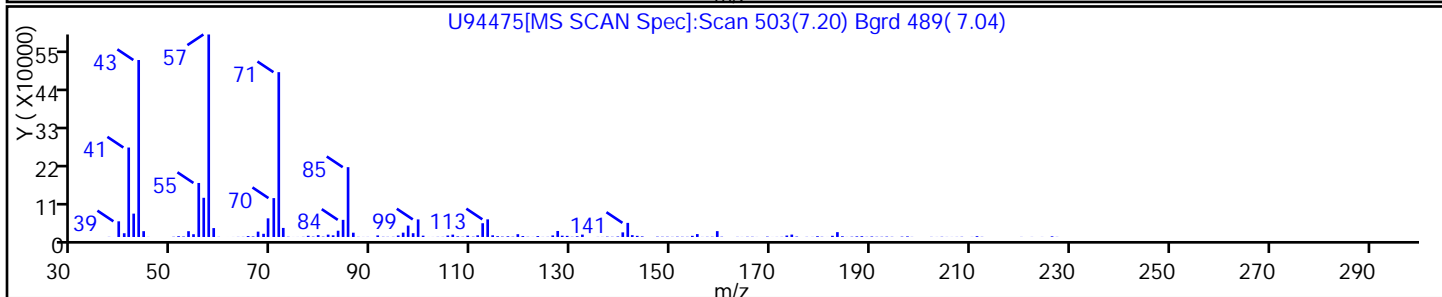
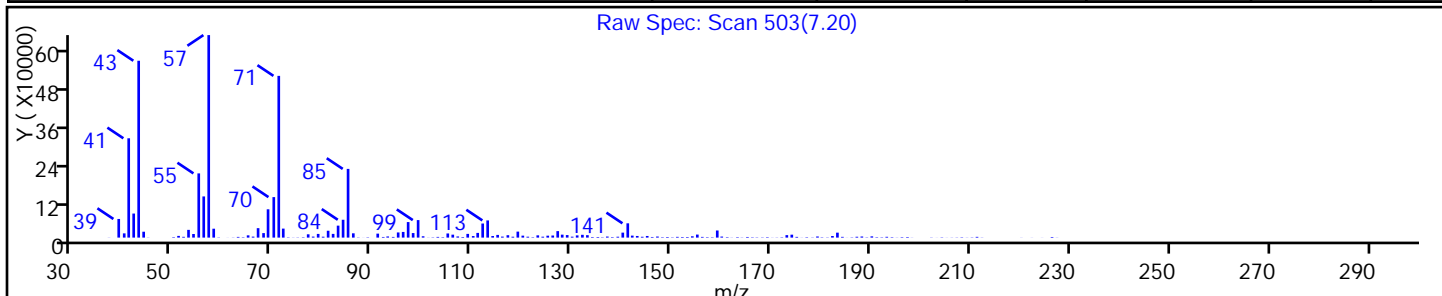
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	90
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	64585	C15H32	212	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

16

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

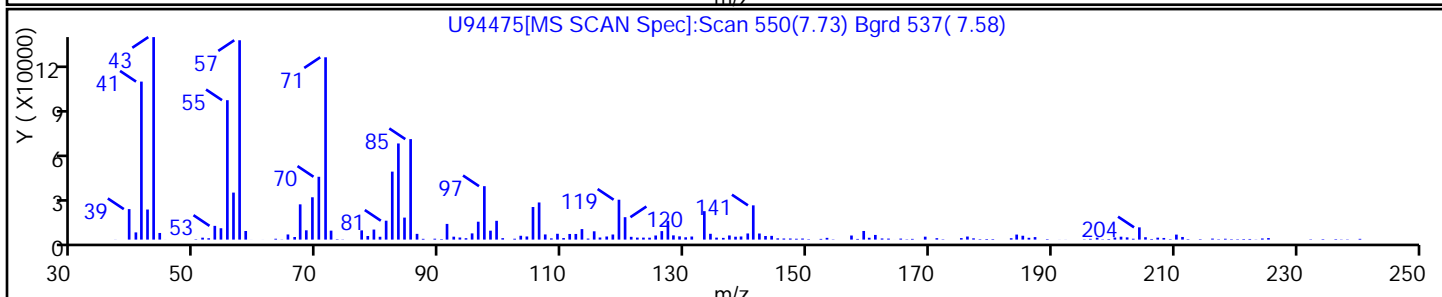
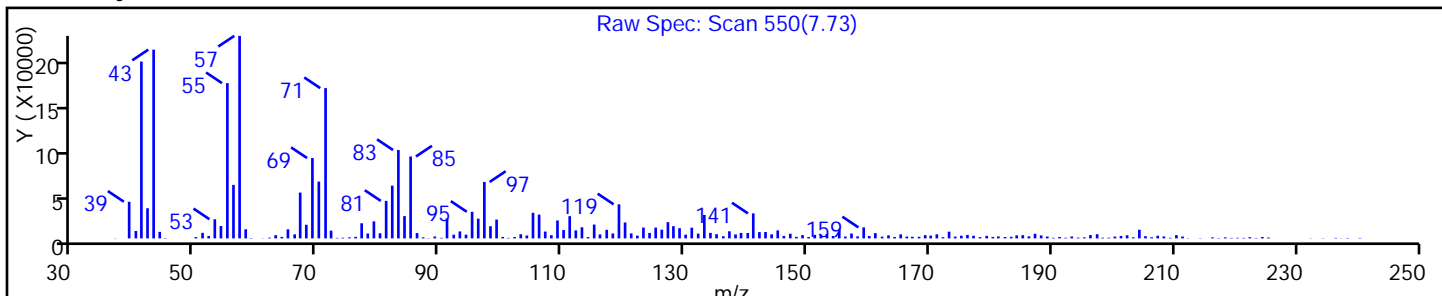
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

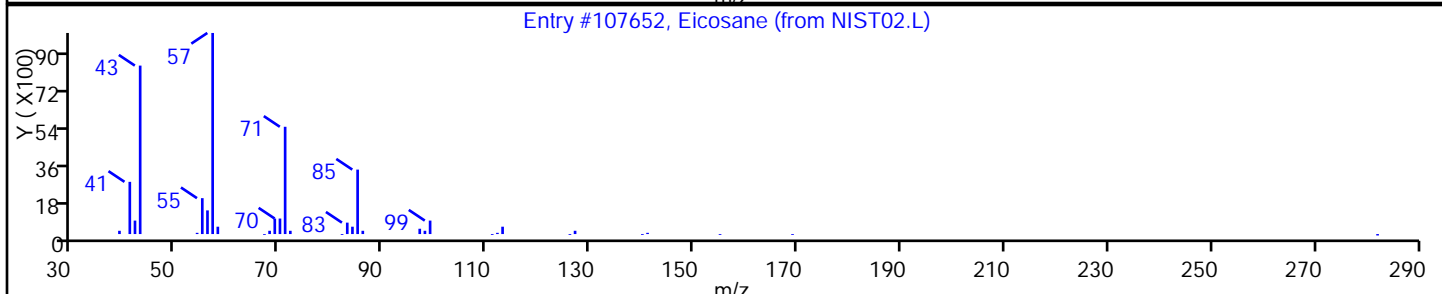
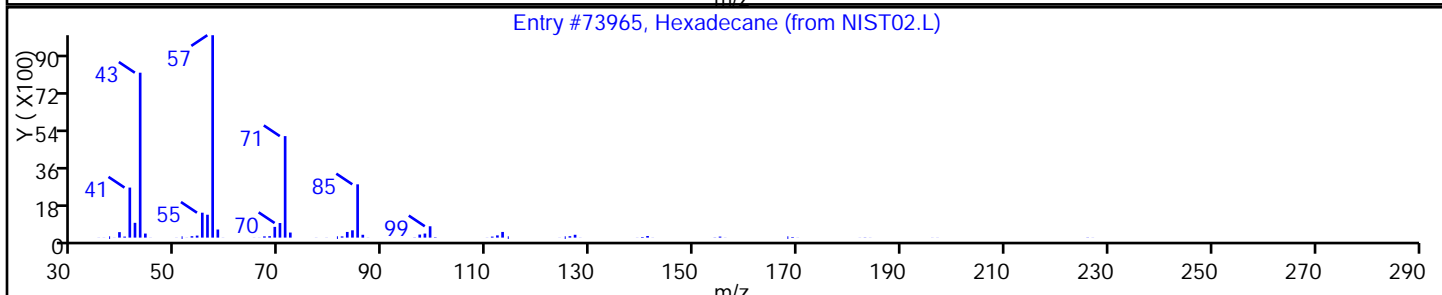
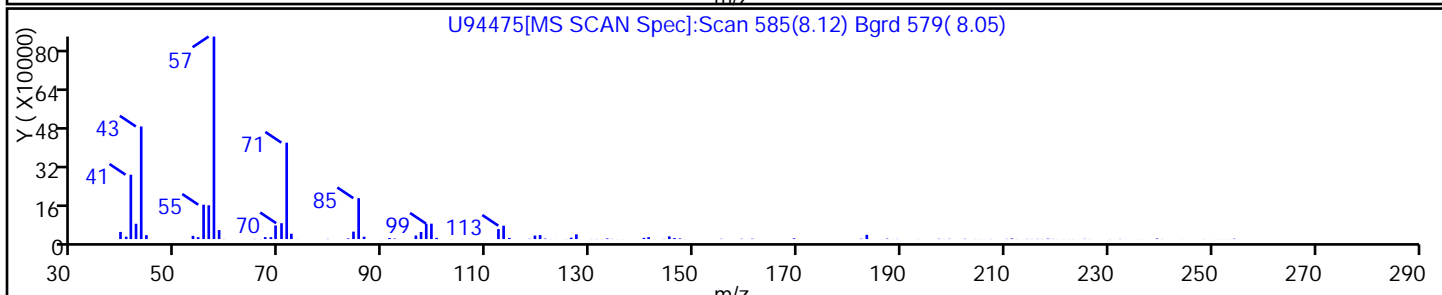
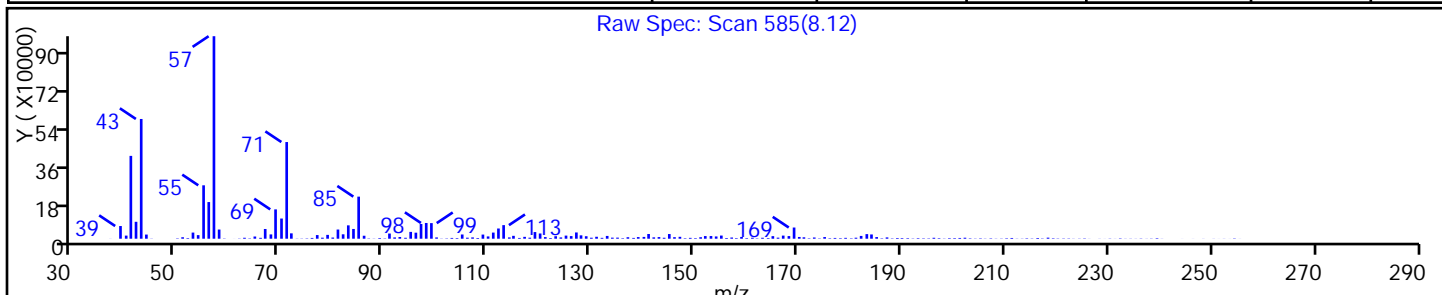
Method: 8270_4R

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	73965	C16H34	226	86
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

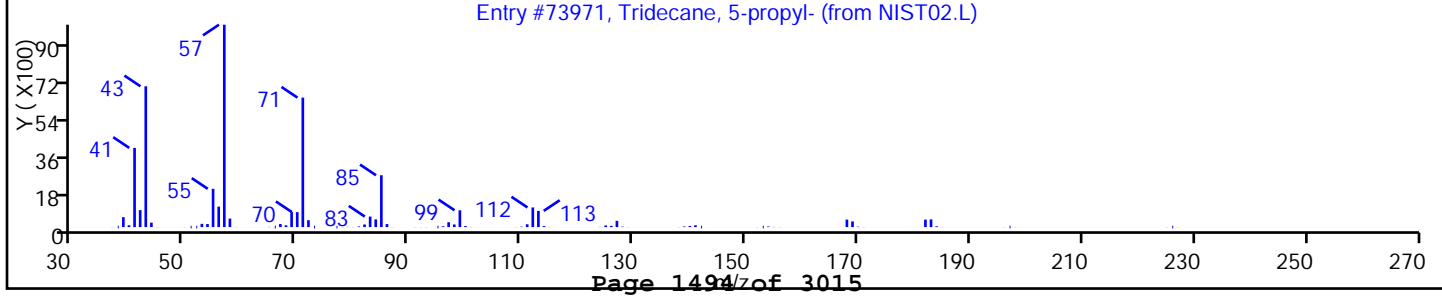
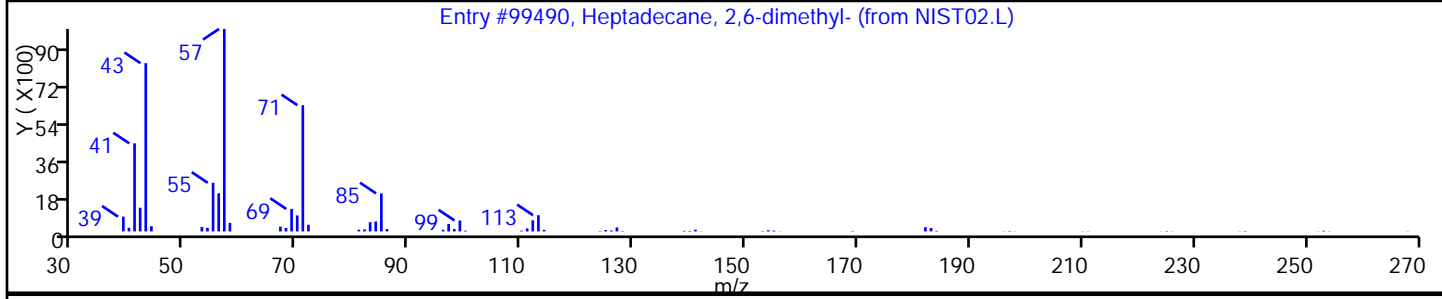
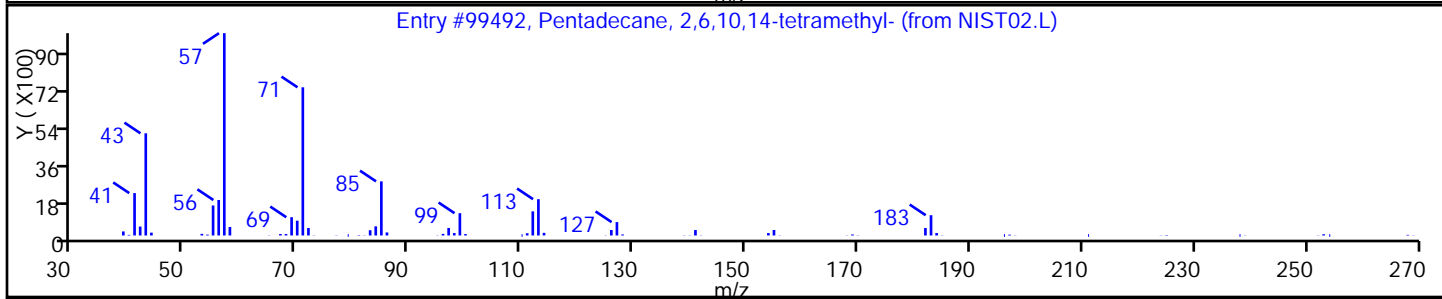
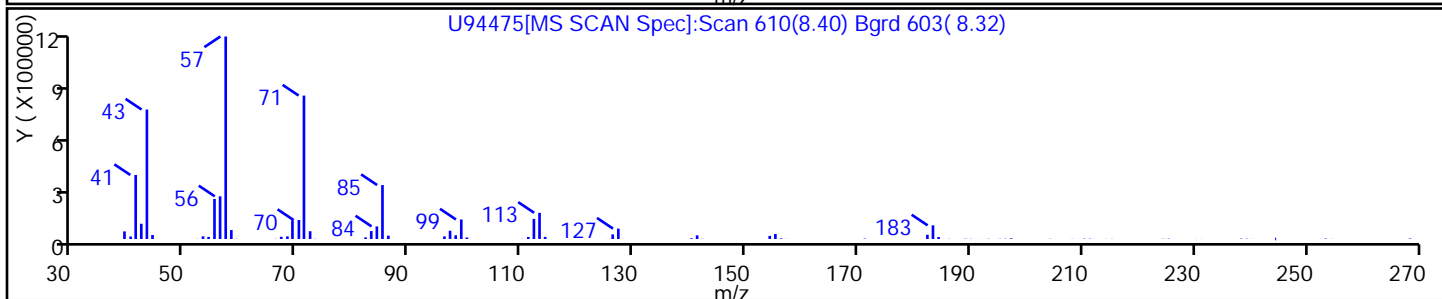
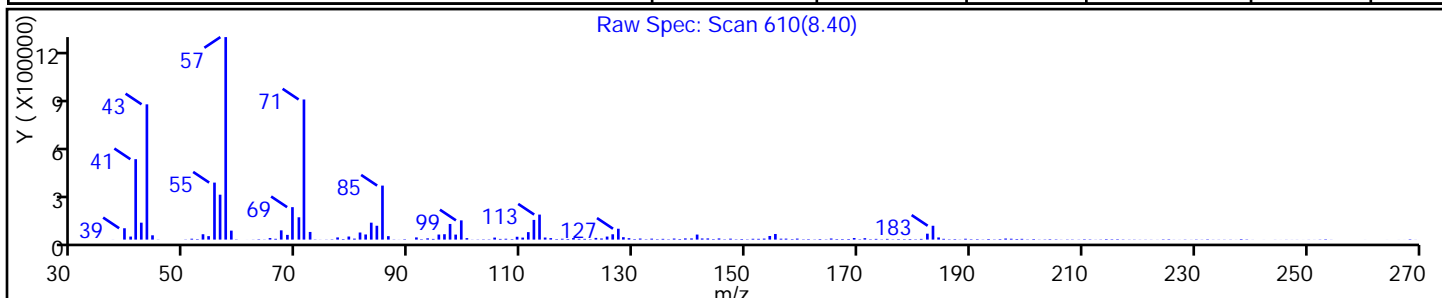
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	97
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	93
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

16

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

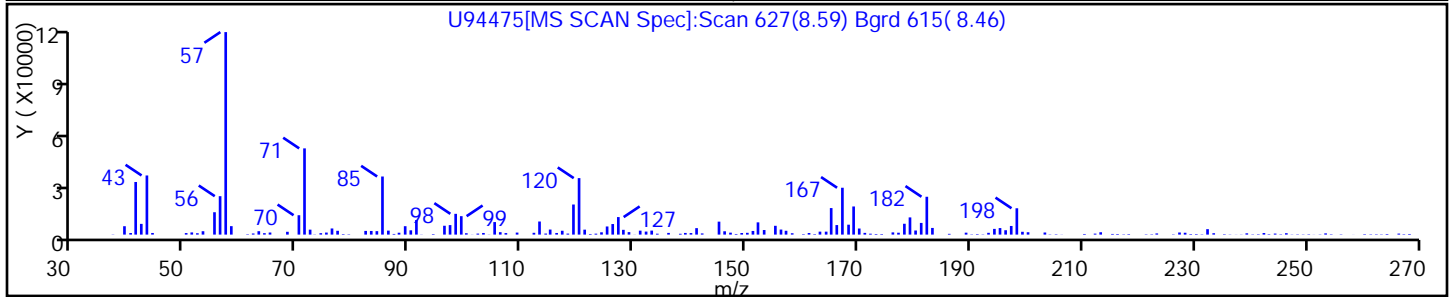
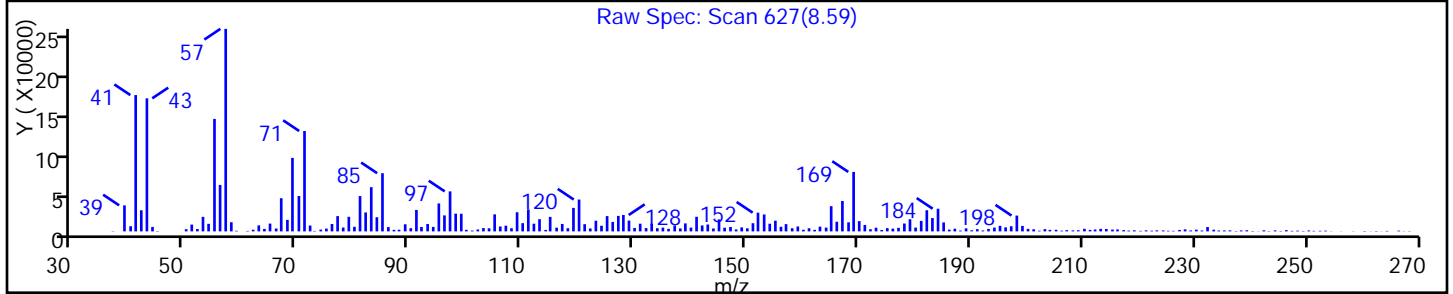
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

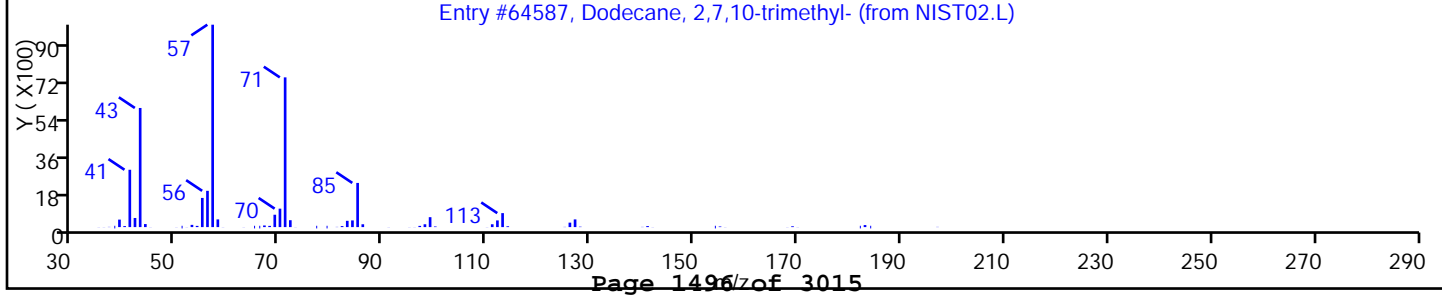
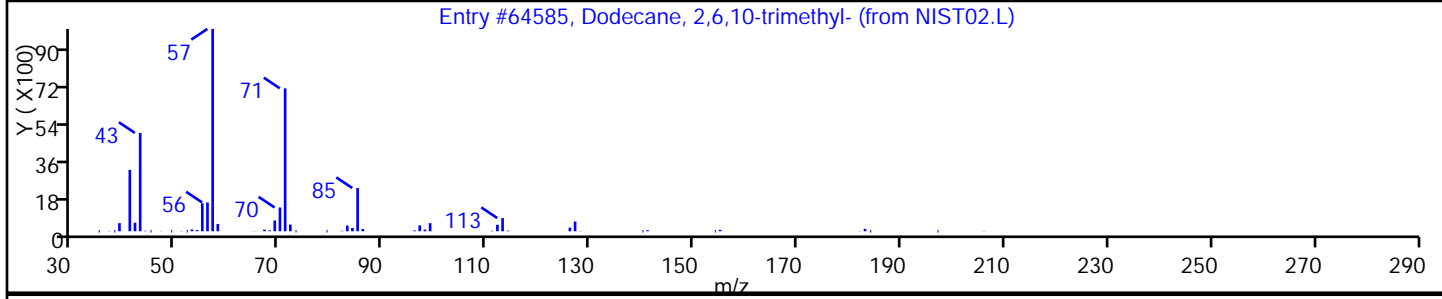
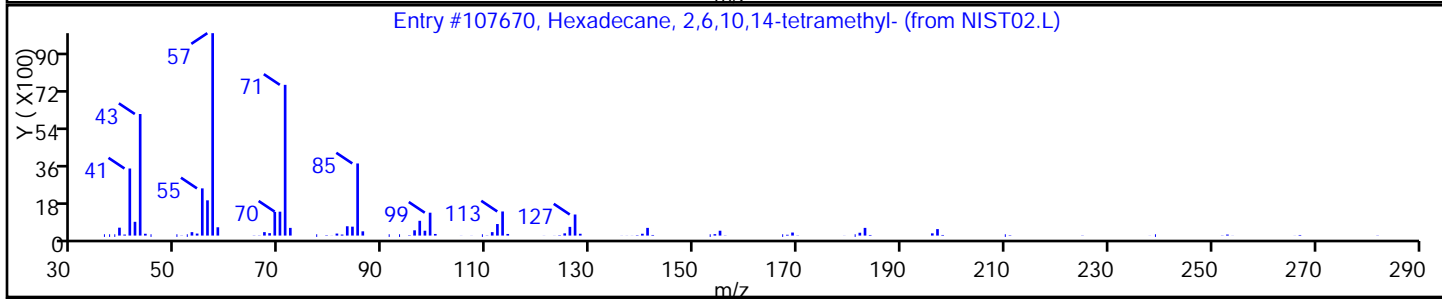
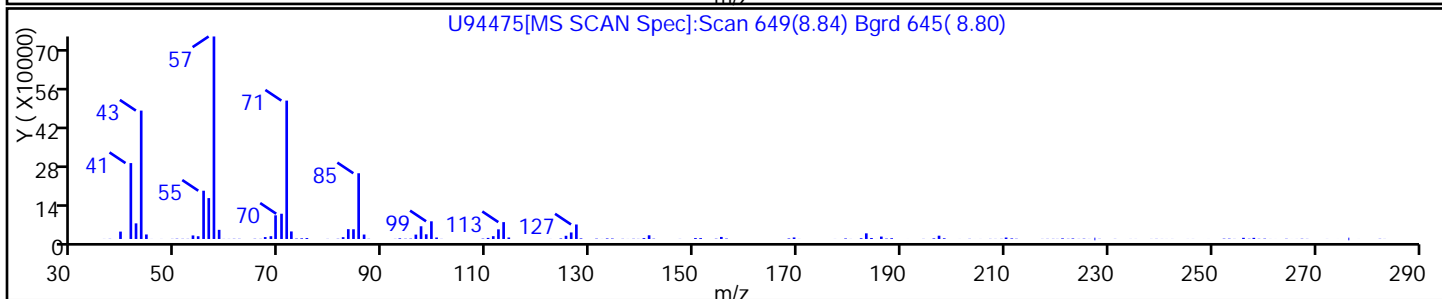
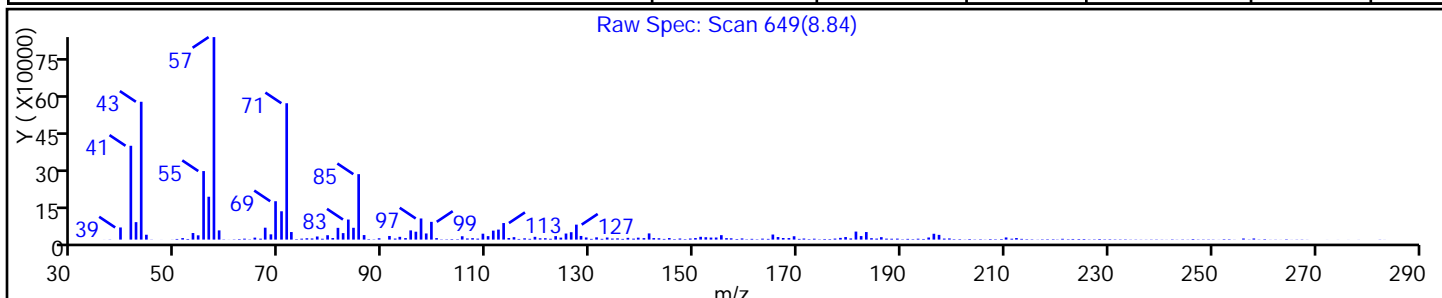
Method: 8270_4R

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	97
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

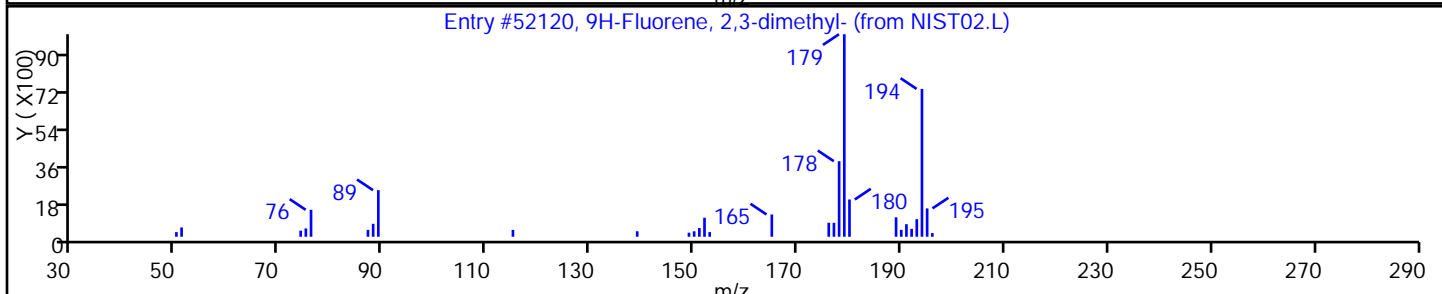
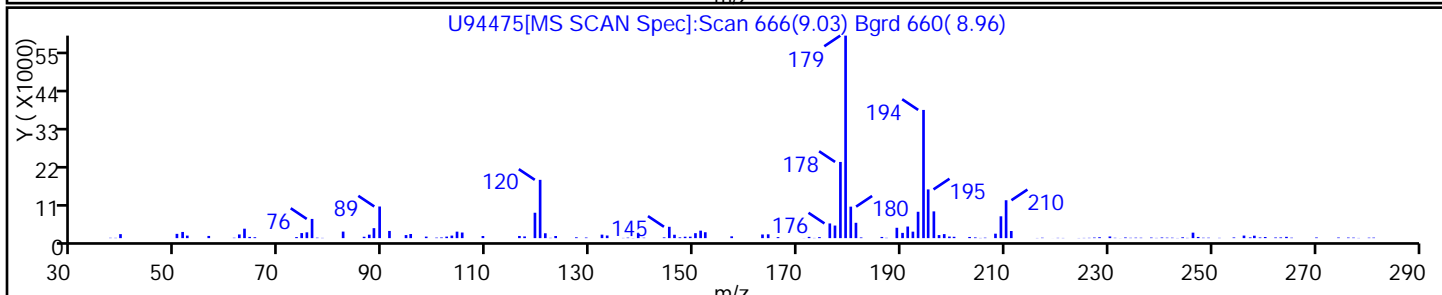
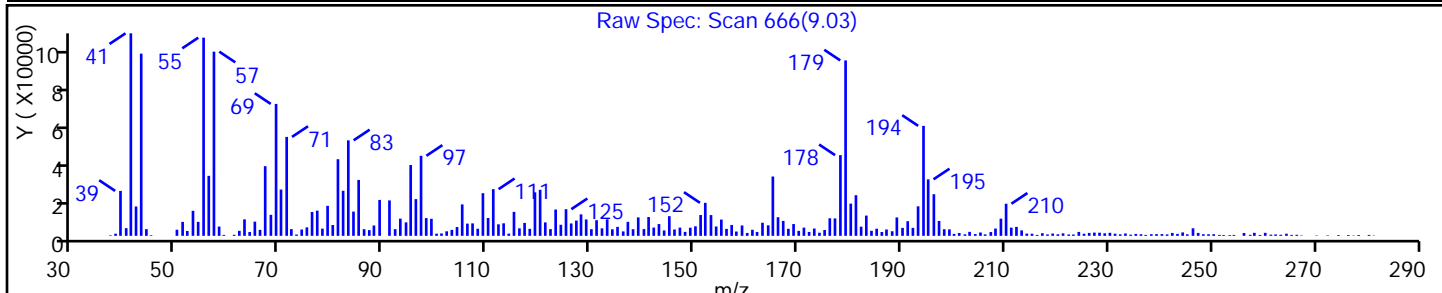
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
9H-Fluorene, 2,3-dimethyl-	4612-63-9	NIST02.L	52120	C15H14	194	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

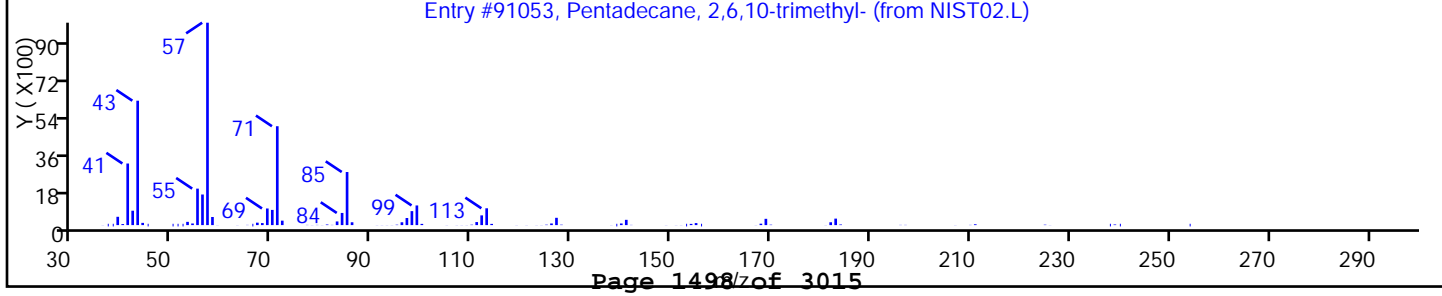
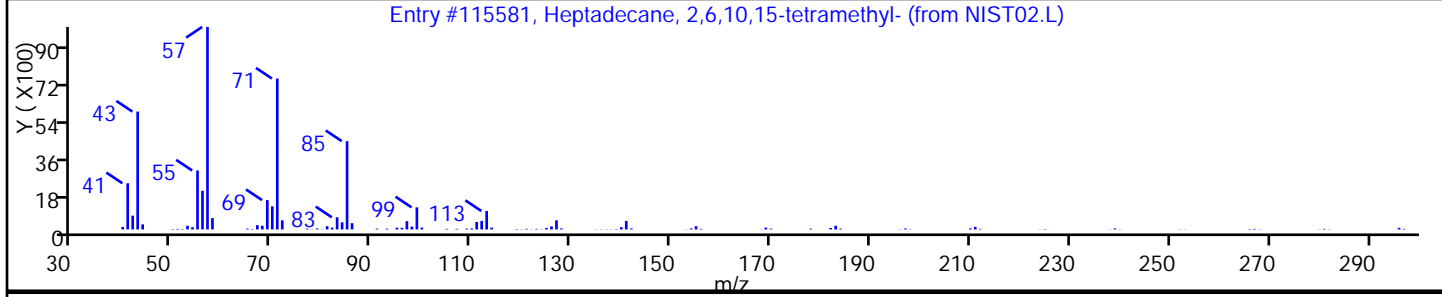
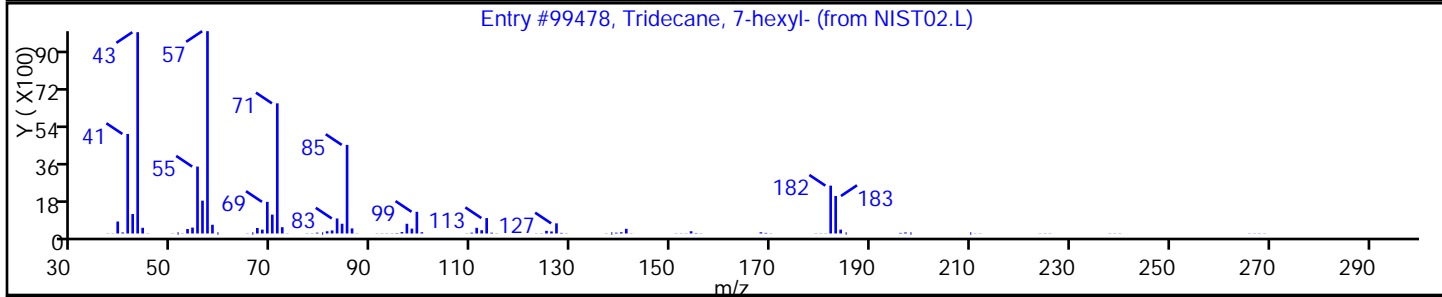
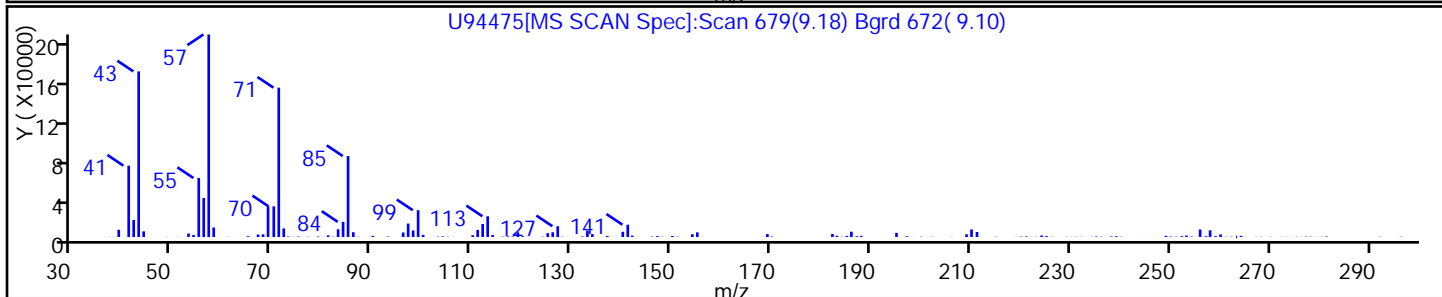
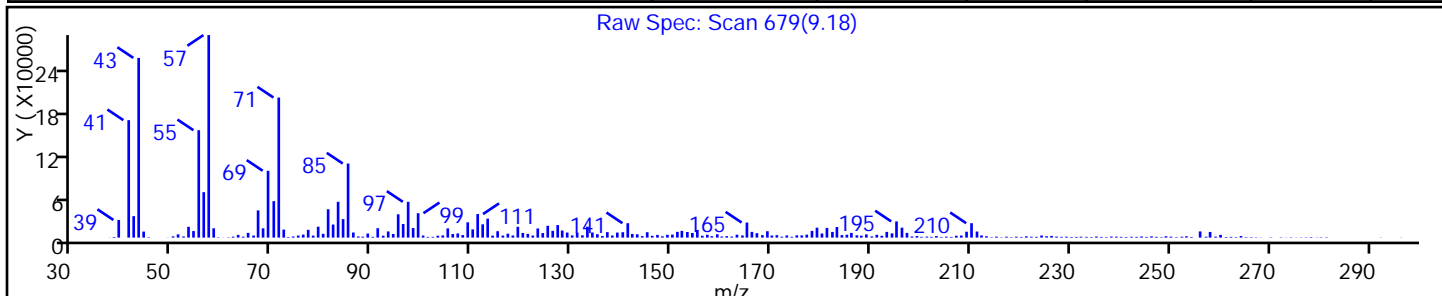
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	96
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	90
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

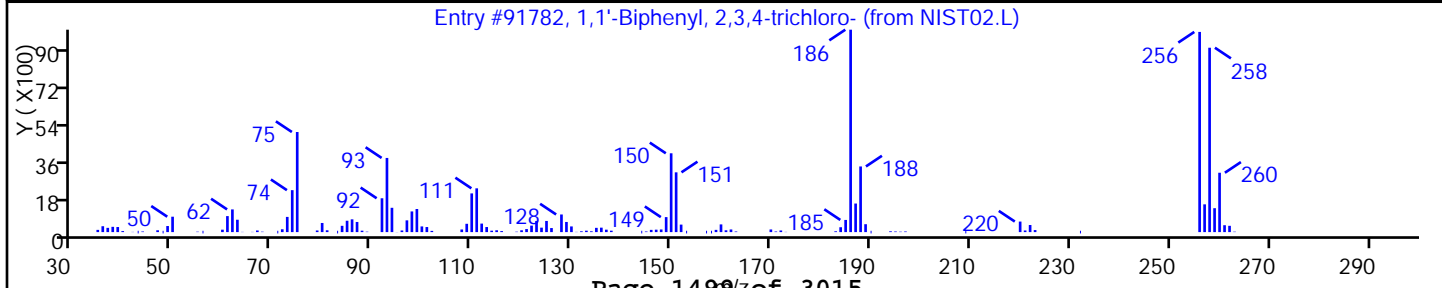
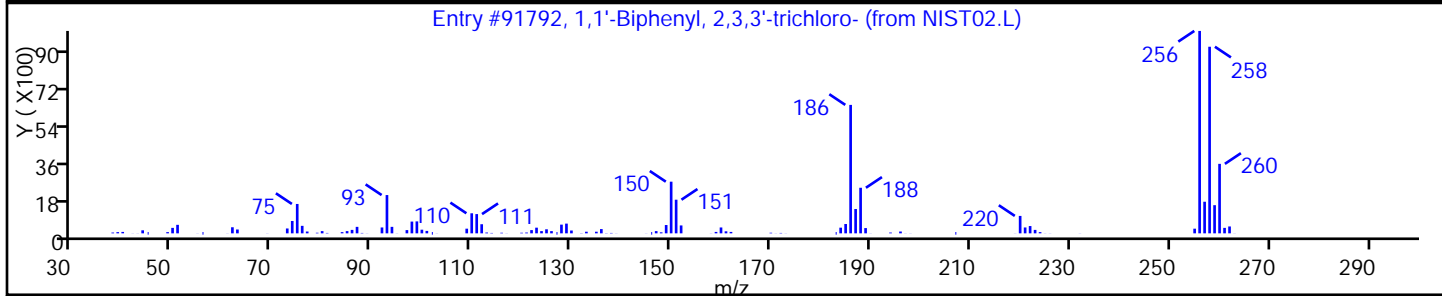
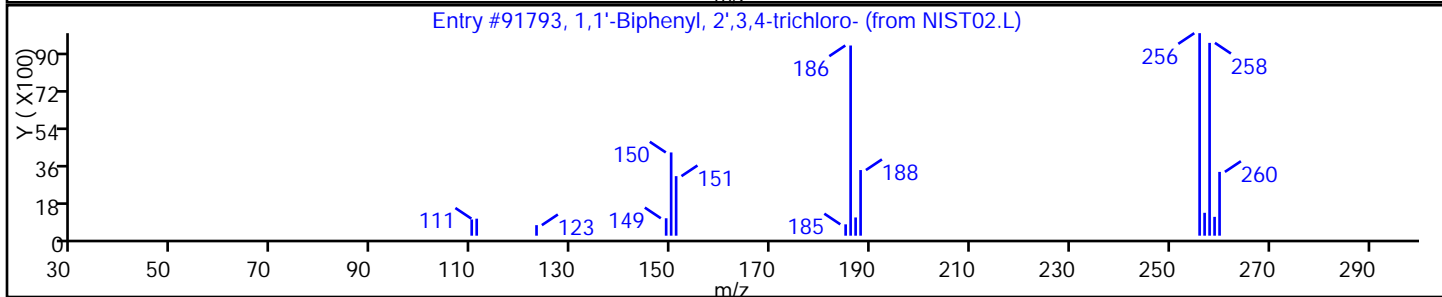
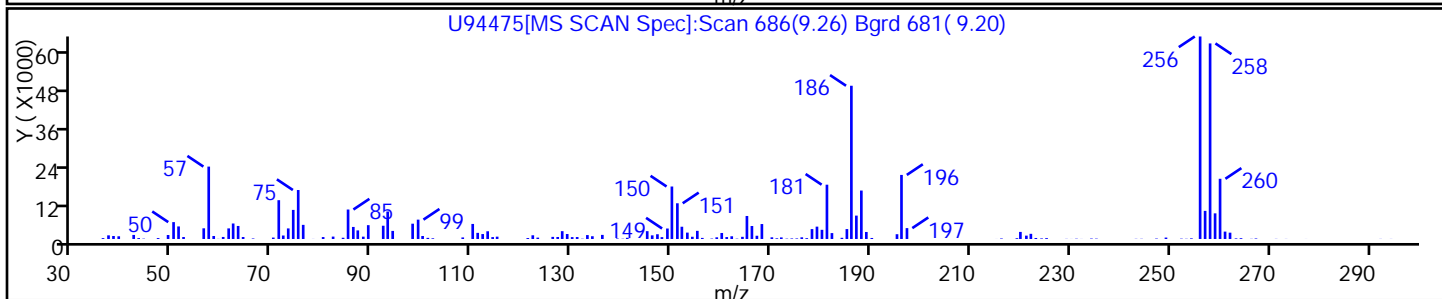
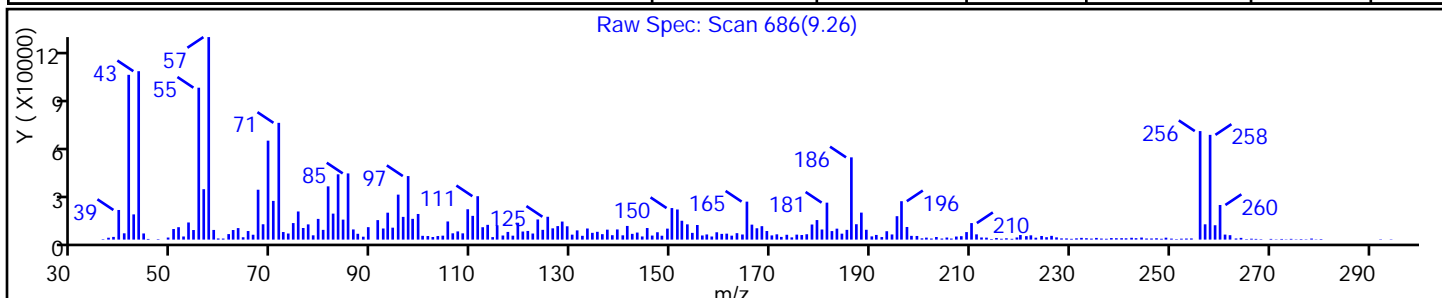
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	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	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

16

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

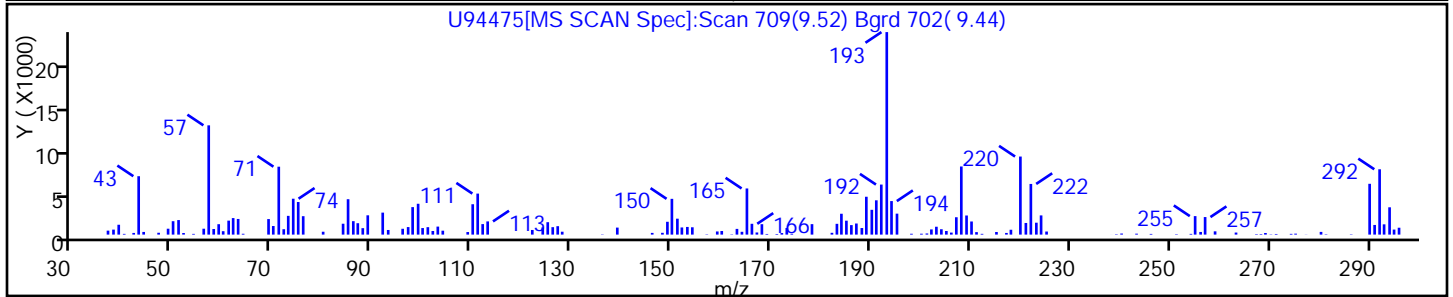
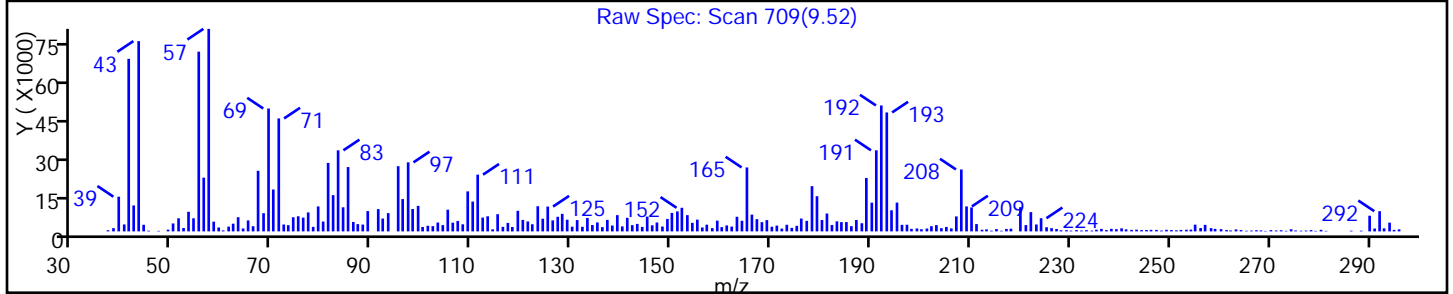
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

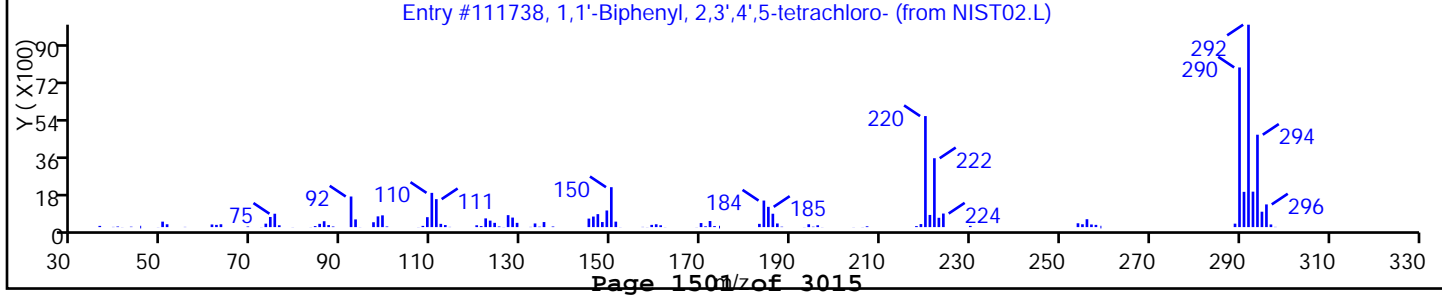
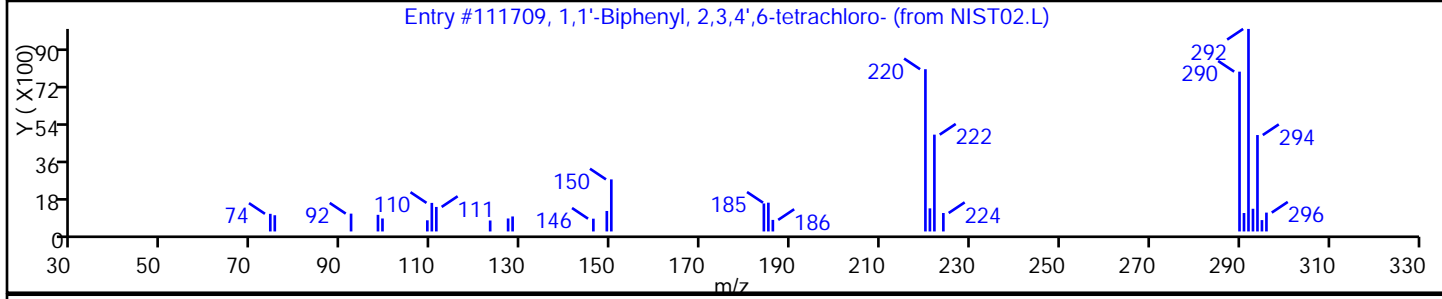
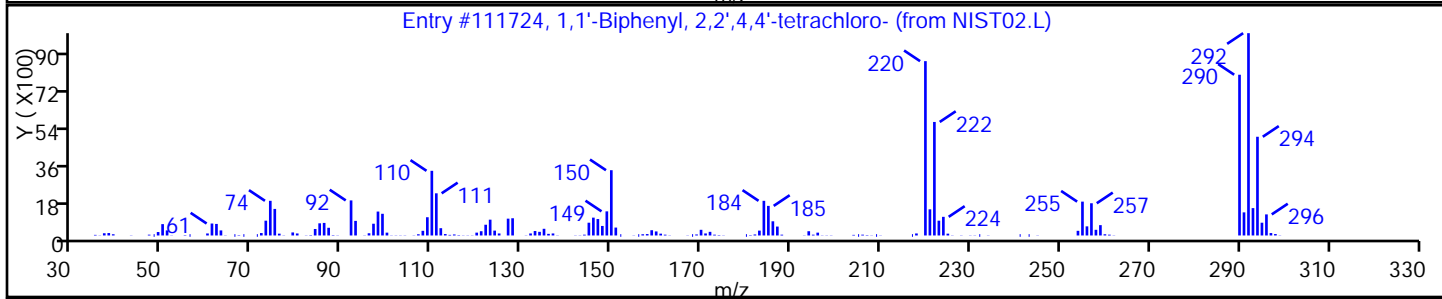
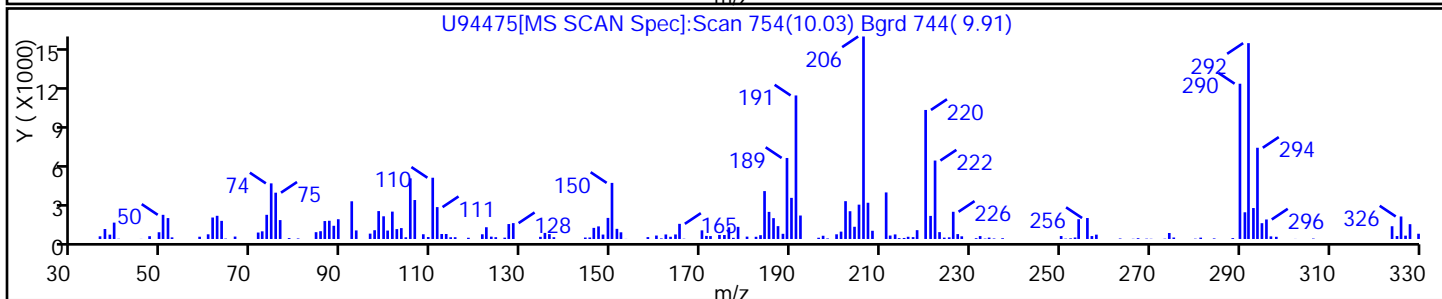
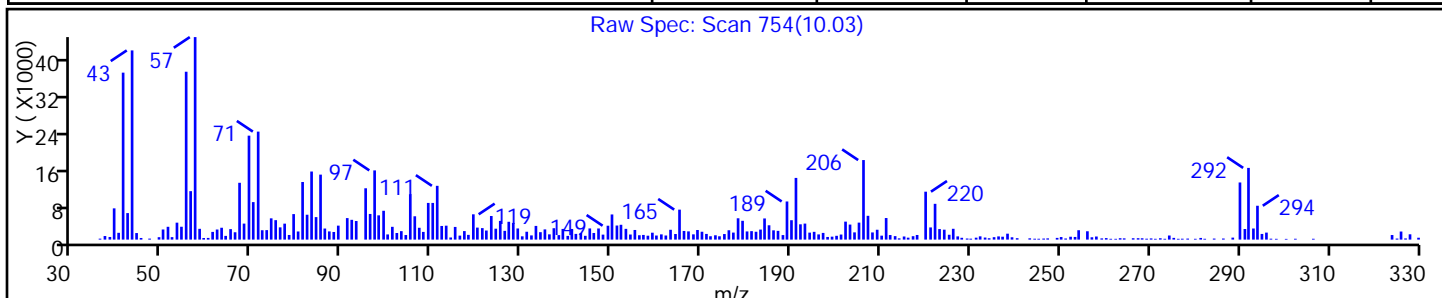
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111738	C12H6Cl4	290	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 16

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

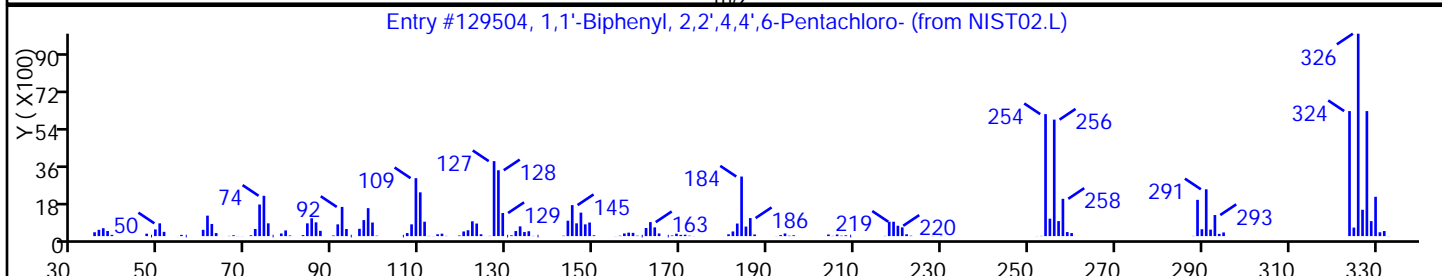
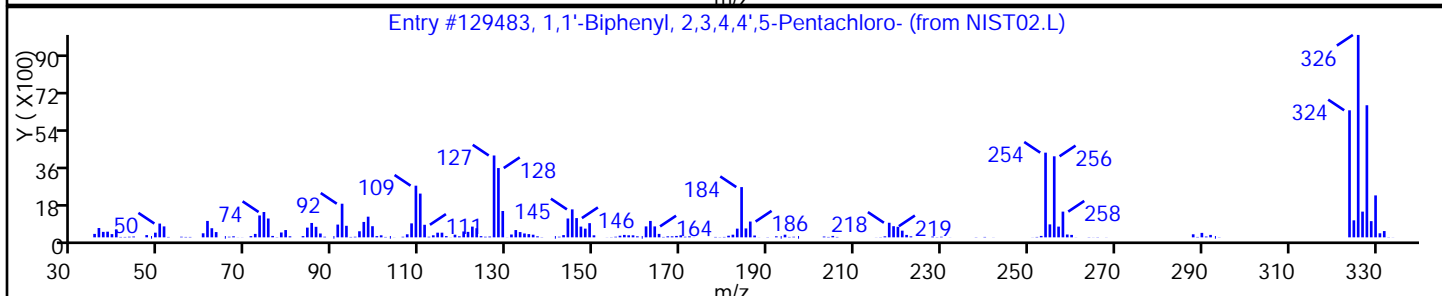
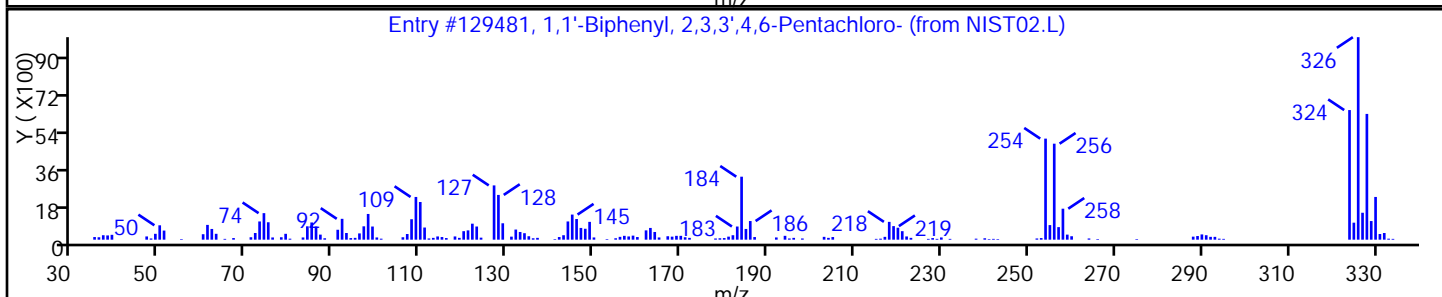
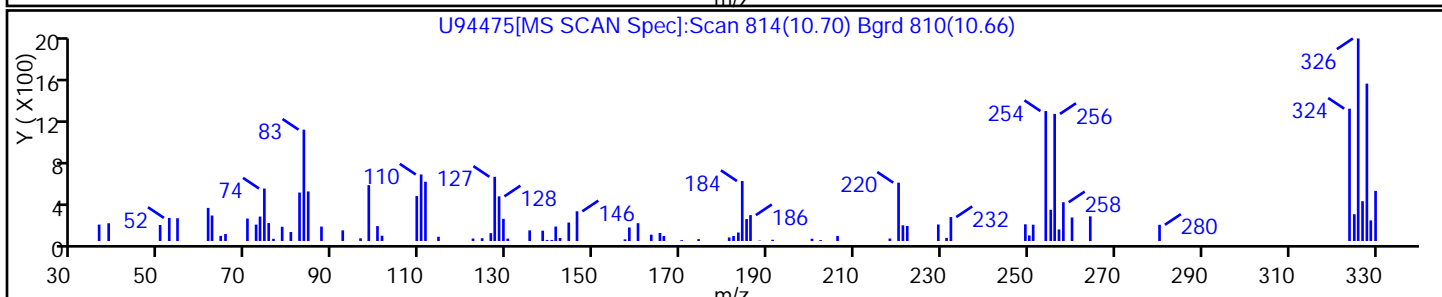
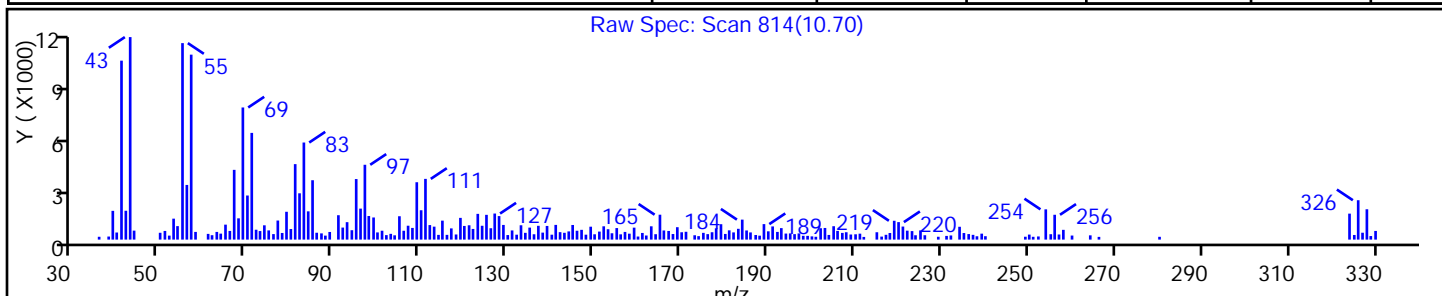
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,3',4,6-Pentachloro-	74472-35-8	NIST02.L	129481	C12H5Cl5	324	99
1,1'-Biphenyl, 2,3,4,4',5-Pentachloro-	74472-37-0	NIST02.L	129483	C12H5Cl5	324	96
1,1'-Biphenyl, 2,2',4,4',6-Pentachloro-	39485-83-1	NIST02.L	129504	C12H5Cl5	324	95



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94475.D

Injection Date: 12-Mar-2014 10:59:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 1.0 ul

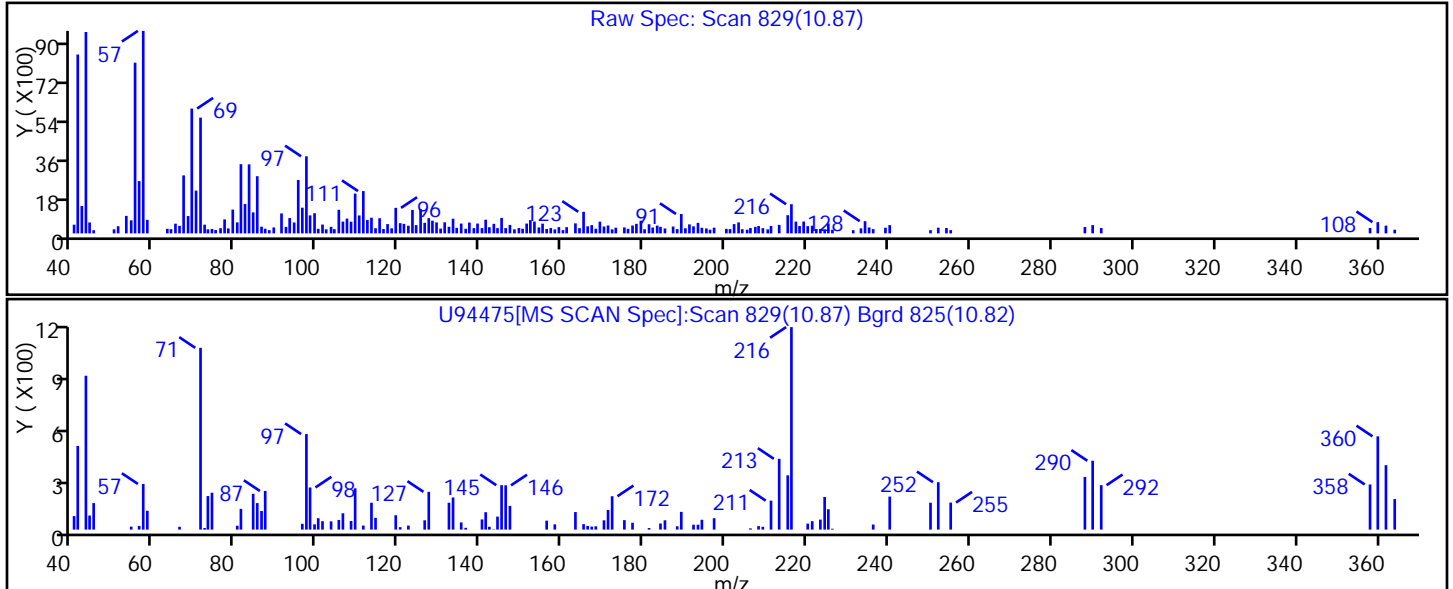
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: U94511.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:05
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 10:48
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	59	U	390	59
111-44-4	Bis(2-chloroethyl) ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U *	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	96	U	390	96
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	58	U	390	58
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	390	160
606-20-2	2,6-Dinitrotoluene	12	U	78	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	390	140
83-32-9	Acenaphthene	56	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: U94511.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:05
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 10:48
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	250	U	390	250
51-28-5	2,4-Dinitrophenol	220	U	780	220
132-64-9	Dibenzofuran	45	U	390	45
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	78	13
7005-72-3	4-Chlorophenyl phenyl ether	45	U	390	45
100-01-6	4-Nitroaniline	120	U	780	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	780	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	780	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.4	U	39	2.4
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	35	U	390	35
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	390	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: U94511.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:05
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 10:48
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	69		40-106
4165-62-2	Phenol-d5	91		44-104
1718-51-0	Terphenyl-d14	109		41-145
118-79-6	2,4,6-Tribromophenol	102		19-114
367-12-4	2-Fluorophenol	78		39-103
321-60-8	2-Fluorobiphenyl	88		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-18SW-SI</u>	Lab Sample ID: <u>460-72180-12</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94511.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 11:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>03/13/2014 10:48</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>6</u>	TIC Result Total: <u>3370</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	7.63	180	J
	Unknown	7.92	910	J
1000130-75-8	Z-2-Tridecen-1-ol	8.09	570	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.35	860	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.81	500	J N
	Unknown	10.01	350	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAM4\20140313-10792.b\U94511.D
 Lims ID: 460-72180-E-12-A Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:48:30 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-022
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAM4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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\CBNAM4\20140226-10224.b\U94139.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: XAWRK034

First Level Reviewer: szczecha

Date: 13-Mar-2014 11:19:08

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.122	3.126	-0.004	85	198910	39.1	
\$ 6 Phenol-d5	99	4.041	4.072	-0.031	71	279107	45.4	
* 13 1,4-Dichlorobenzene-d4	152	4.399	4.423	-0.024	94	116380	40.0	
\$ 25 Nitrobenzene-d5	82	4.958	4.984	-0.026	90	239376	34.4	
* 35 Naphthalene-d8	136	5.682	5.696	-0.014	100	564561	40.0	
\$ 48 2-Fluorobiphenyl	172	6.756	6.780	-0.024	97	357868	44.1	
* 61 Acenaphthene-d10	164	7.423	7.444	-0.021	92	237540	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.201	8.223	-0.022	89	46409	50.8	
* 83 Phenanthrene-d10	188	8.889	8.909	-0.020	99	431499	40.0	
84 Phenanthrene	178	8.900	8.932	-0.032	61	4344	0.3611	
\$ 91 Terphenyl-d14	244	10.451	10.464	-0.013	97	289892	54.7	
* 96 Chrysene-d12	240	11.648	11.672	-0.024	98	228182	40.0	
* 103 Perylene-d12	264	13.561	13.590	-0.029	97	176916	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D
 Lims ID: 460-72180-E-12-A Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:48:30 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-022
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha Date: 13-Mar-2014 11:19:08

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
						Unknown alkane		
7.633	66271	2.36	61	0	0		0	M
						Unknown		
7.923	328055	11.7	61					
						1000130-75-8 Z-2-Tridecen-1-ol		
8.086	202998	7.24	61	92	54926	C13H26O	198	M
						1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-		
8.353	337631	11.1	83	91	99492	C19H40	268	M
						638-36-8 Hexadecane, 2,6,10,14-tetramethyl-		
8.809	196809	6.44	83	91	107666	C20H42	282	M
						Unknown		
10.011	136137	4.46	83					M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.423	1120990	40.0
* 83 Phenanthrene-d10	8.889	1221774	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Worklist Smp#: 22

Client ID: PMP-18SW-SI

Injection Vol: 1.0 ul

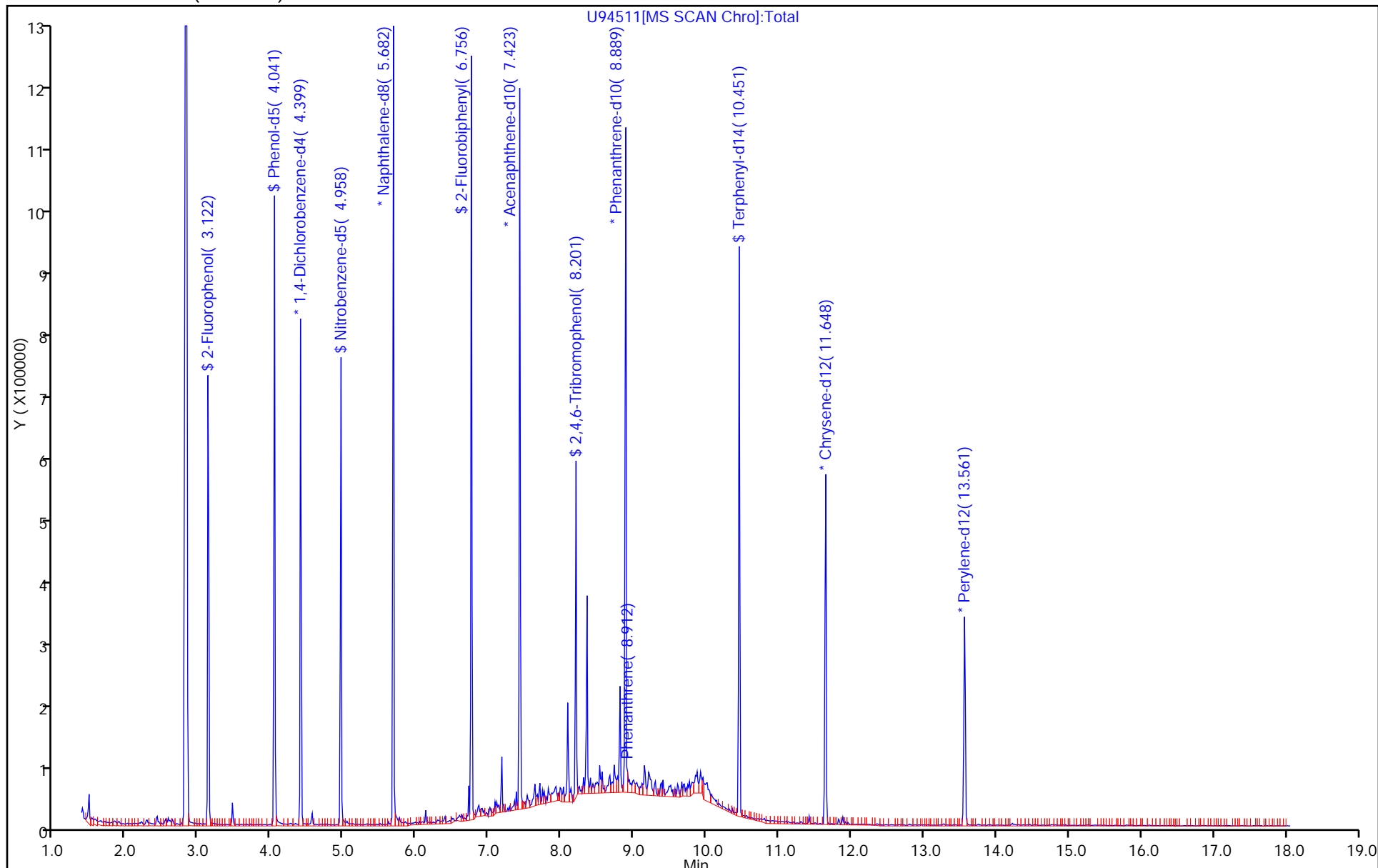
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

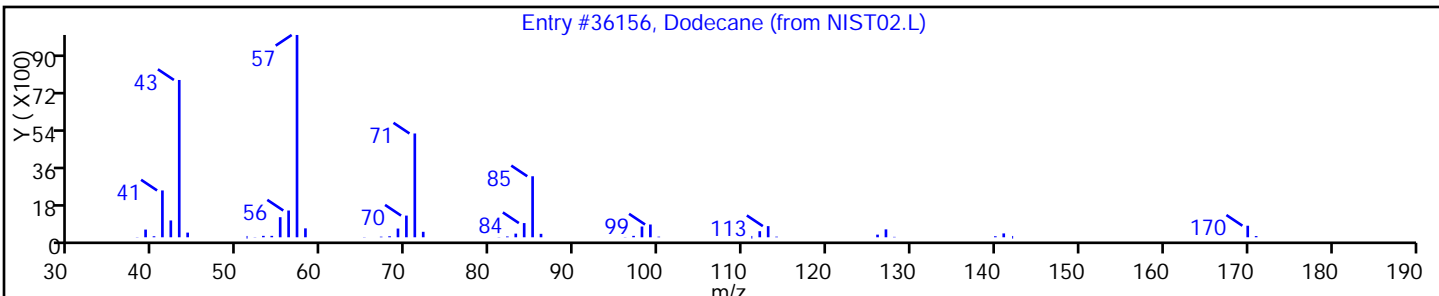
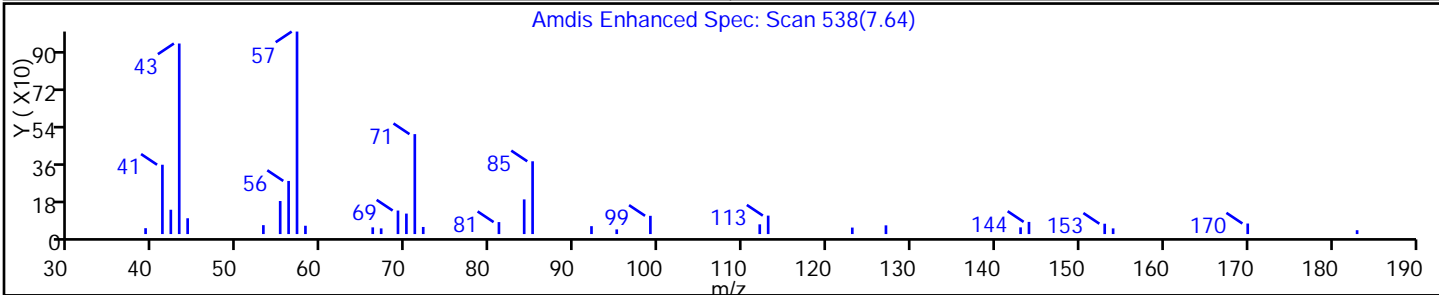
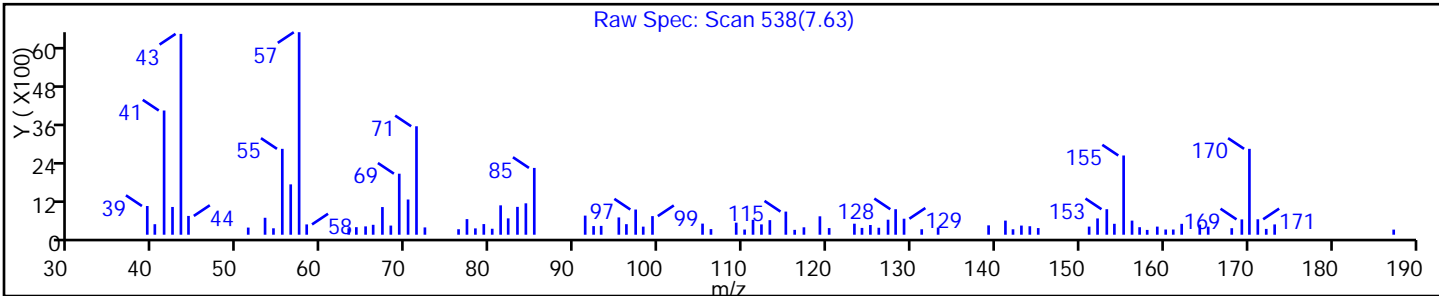
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Dodecane	112-40-3	NIST02.L	36156	C12H26	170	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#:

22

Worklist Smp#:

22

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

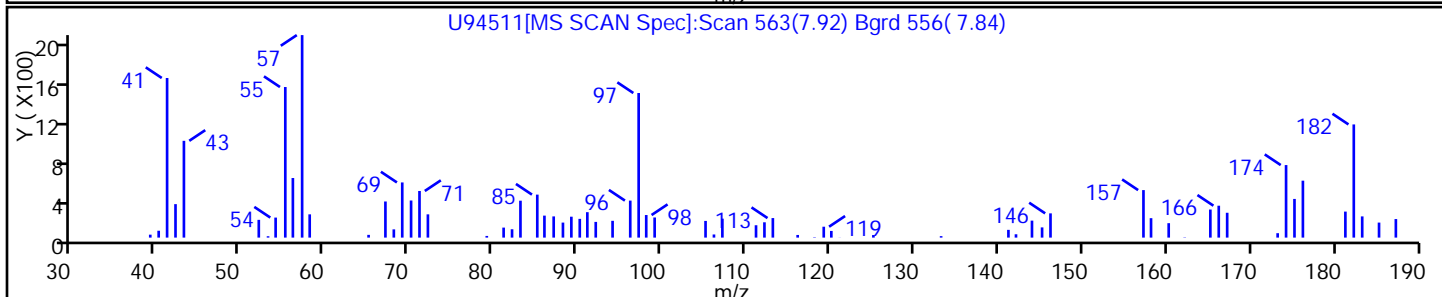
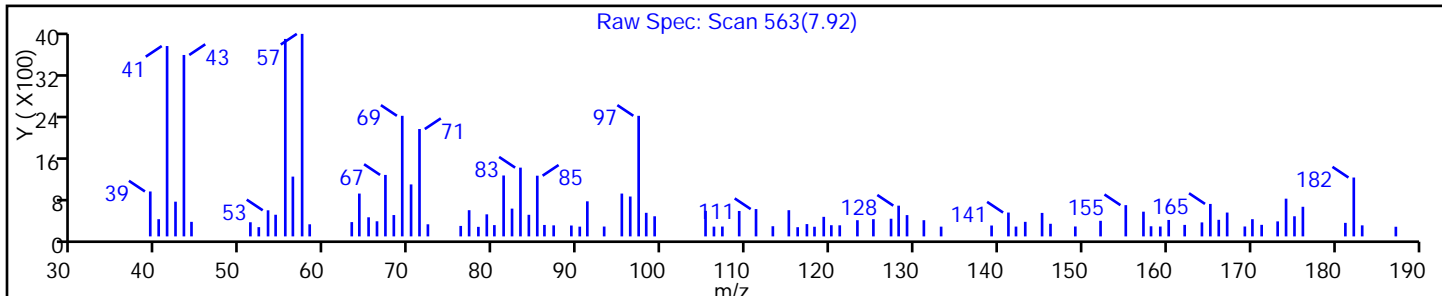
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

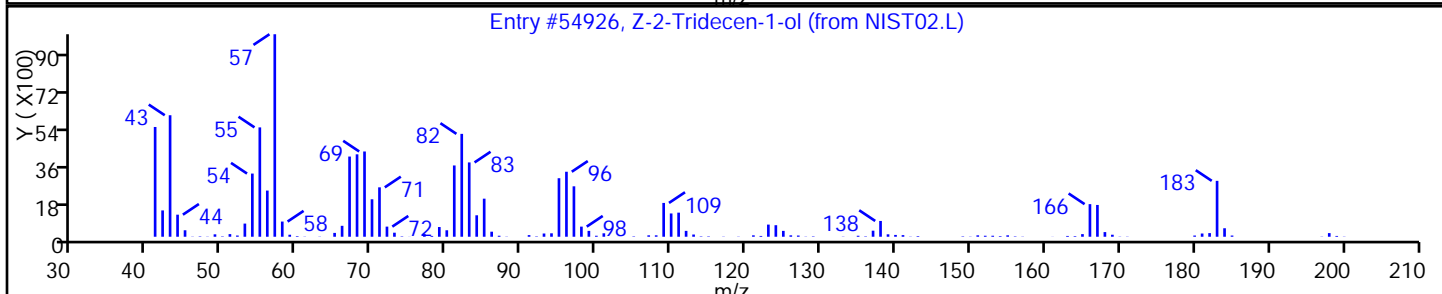
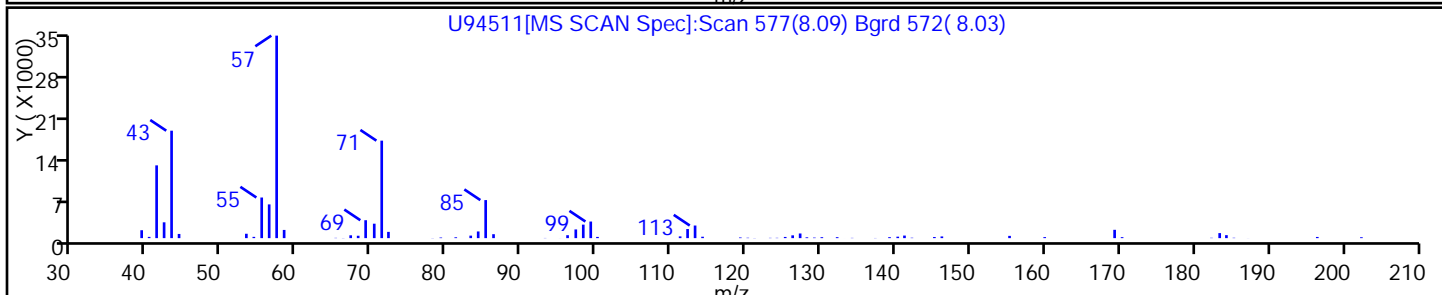
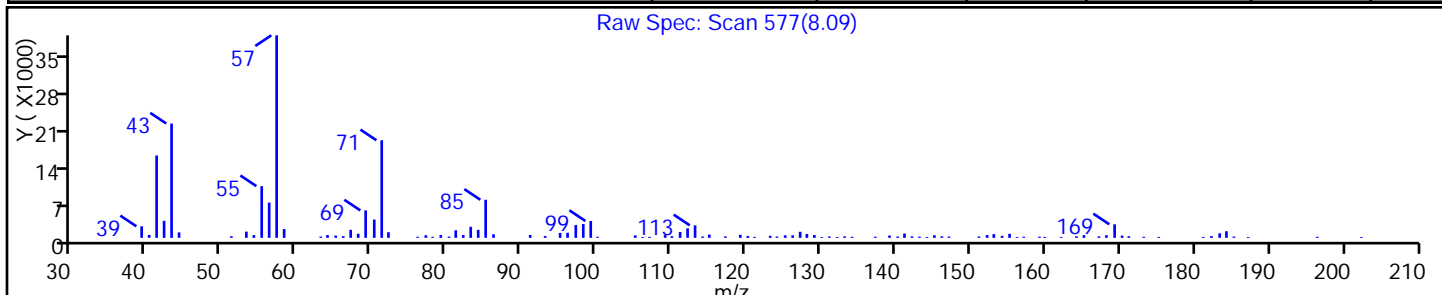
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Z-2-Tridecen-1-ol	1000130-75	NIST02.L	54926	C13H26O	198	92



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

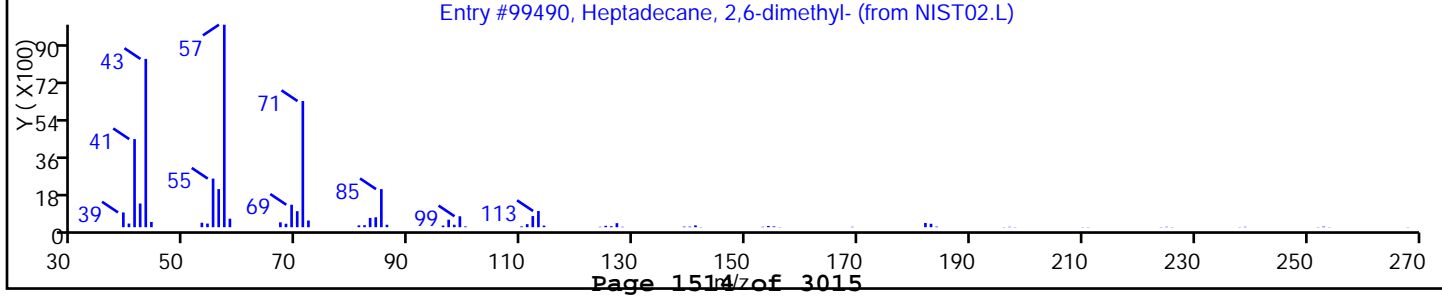
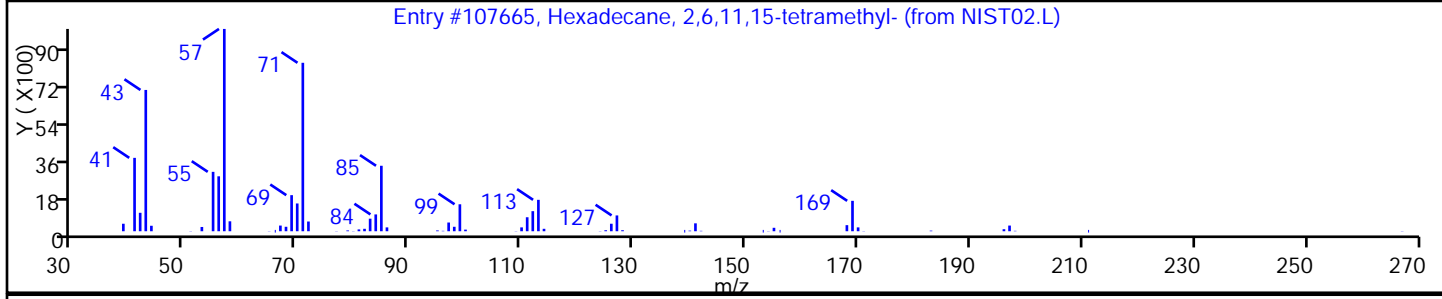
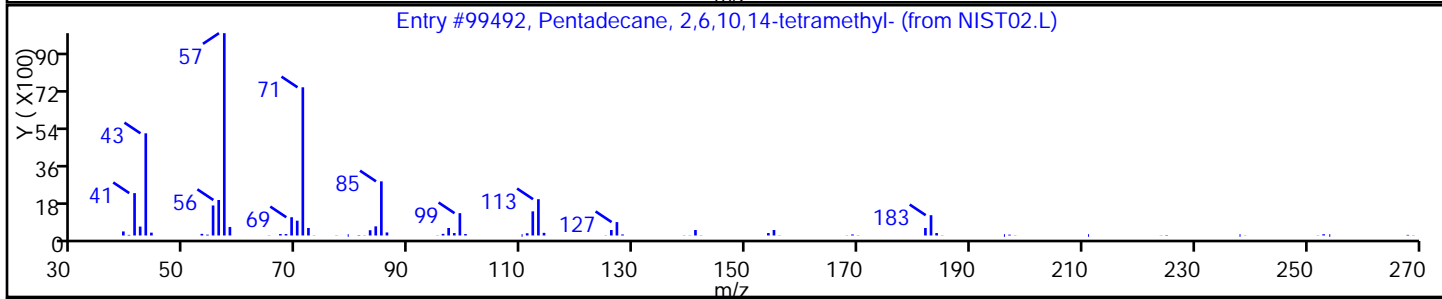
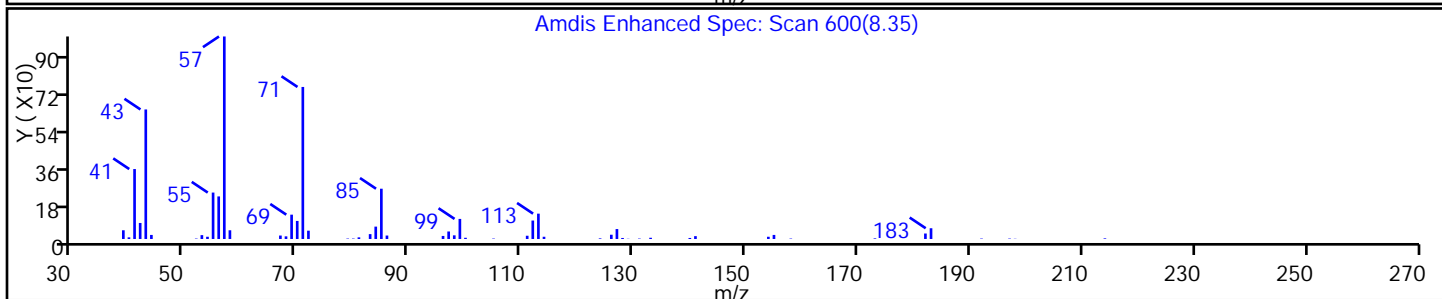
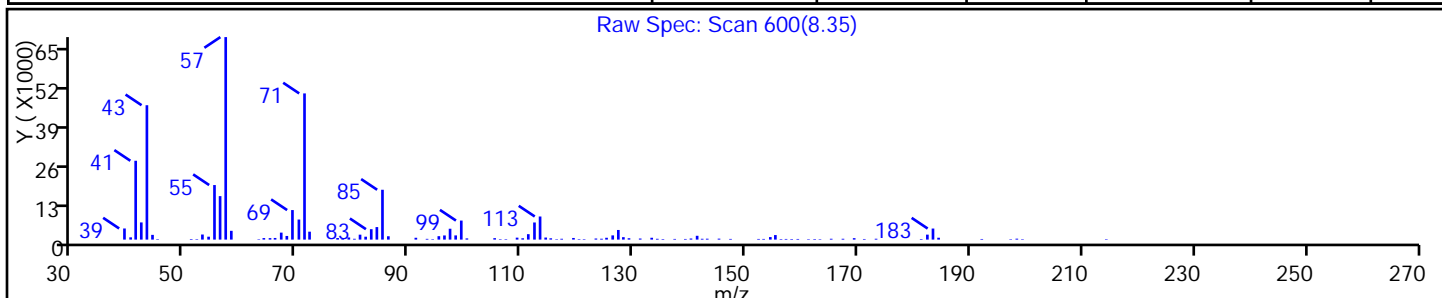
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	91
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	91
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

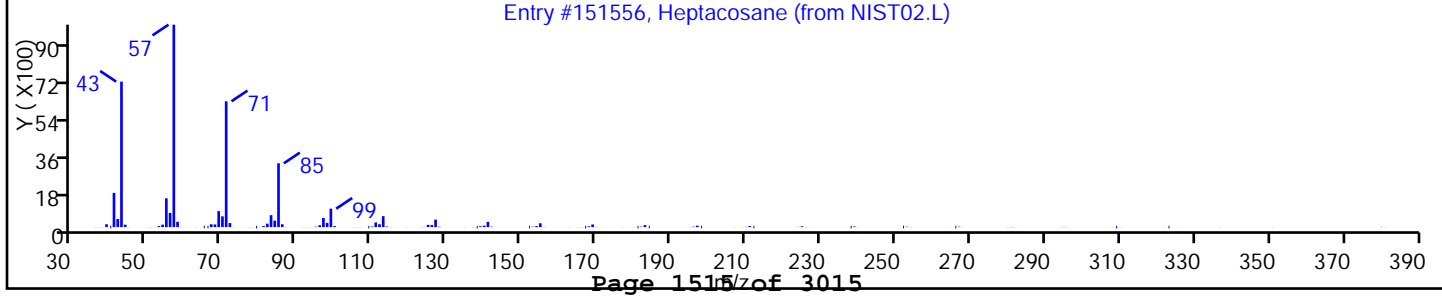
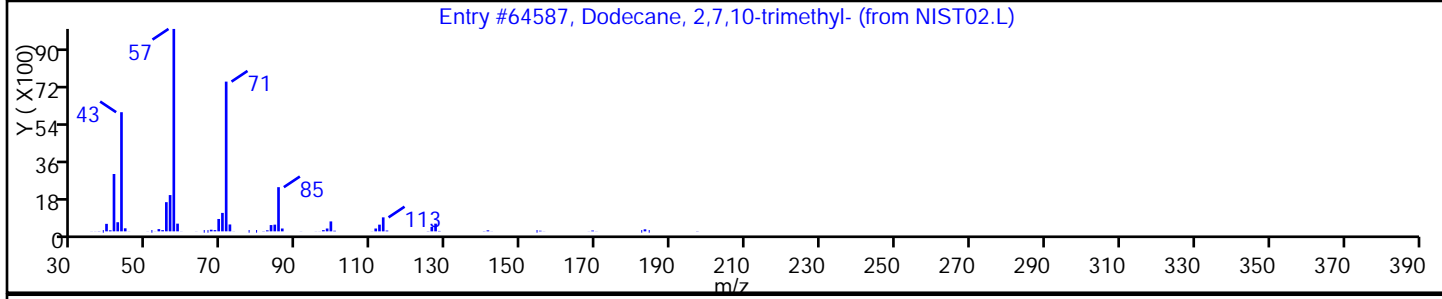
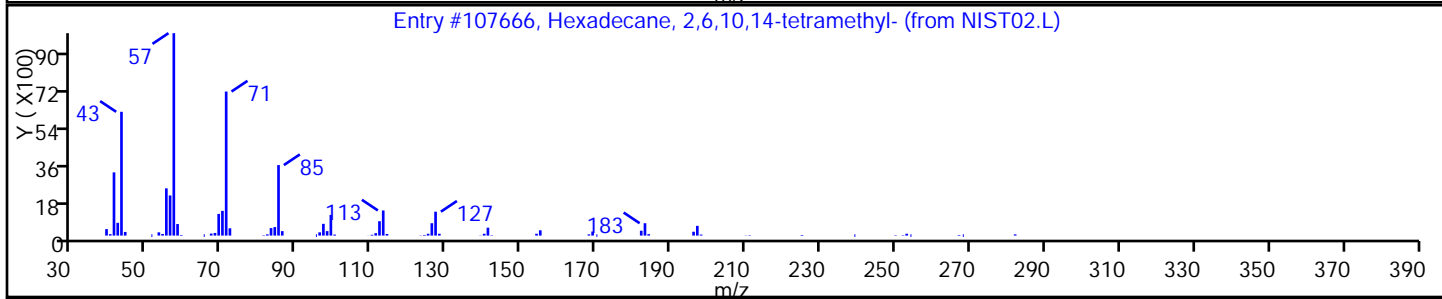
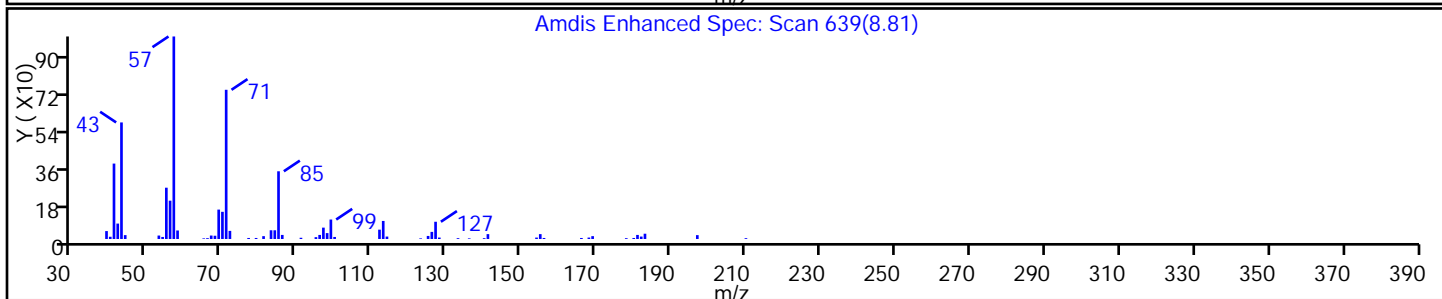
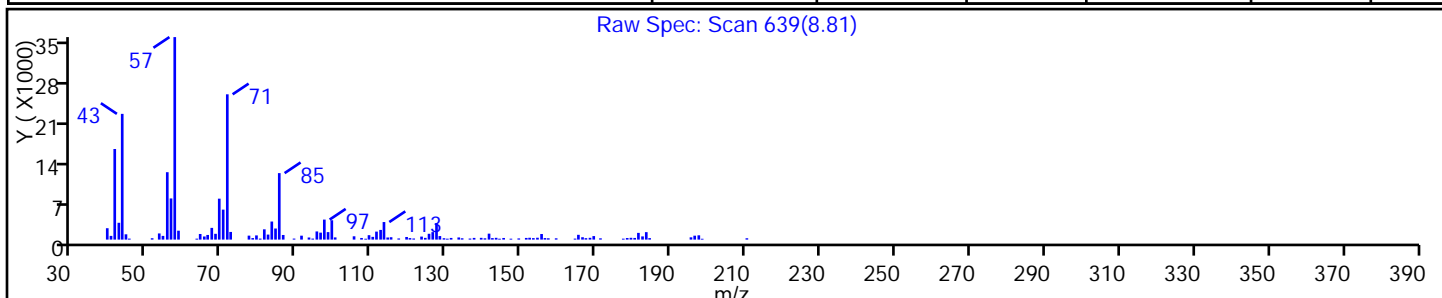
Method: 8270_4R

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	107666	C20H42	282	91
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94511.D

Injection Date: 13-Mar-2014 10:48:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 1.0 ul

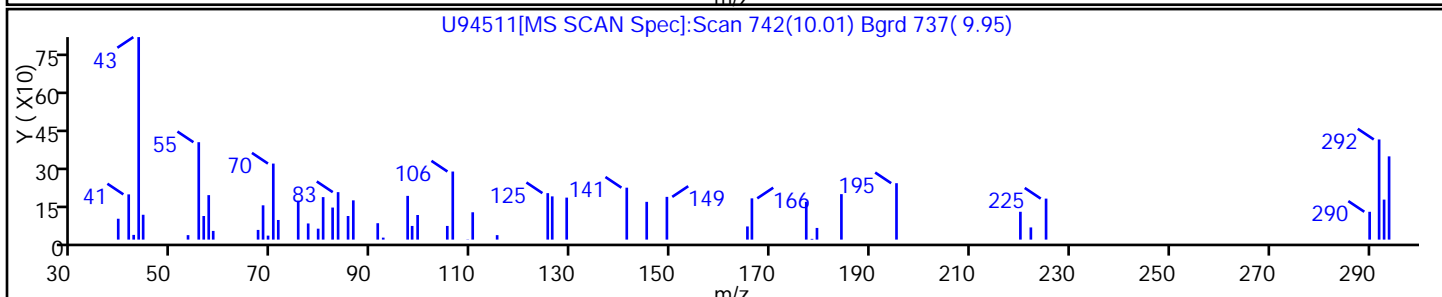
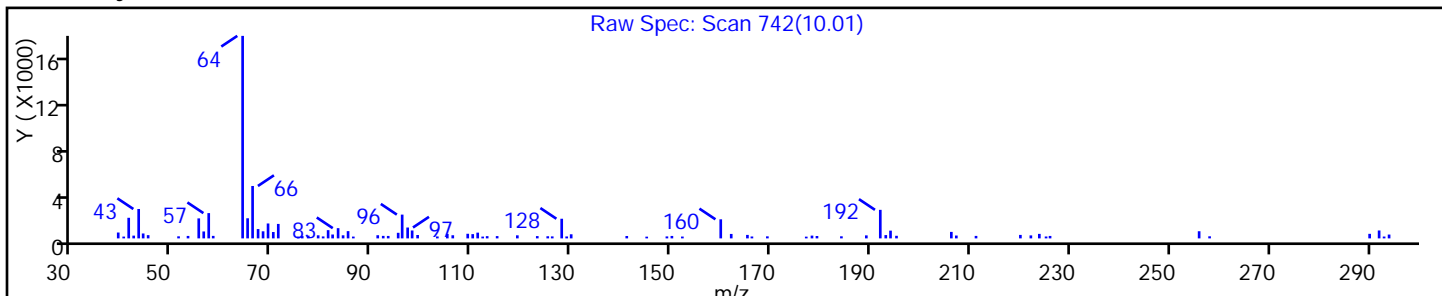
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: U94507.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 09:18
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	240	U	1800	240
95-57-8	2-Chlorophenol	230	U	1800	230
95-48-7	2-Methylphenol	300	U	1800	300
106-44-5	4-Methylphenol	350	U	1800	350
100-52-7	Benzaldehyde	210	U	1800	210
98-86-2	Acetophenone	270	U	1800	270
111-44-4	Bis(2-chloroethyl) ether	24	U	180	24
108-60-1	2,2'-oxybis[1-chloropropane]	200	U	1800	200
621-64-7	N-Nitrosodi-n-propylamine	29	U	180	29
98-95-3	Nitrobenzene	25	U *	180	25
67-72-1	Hexachloroethane	20	U	180	20
78-59-1	Isophorone	210	U	1800	210
88-75-5	2-Nitrophenol	200	U	1800	200
105-67-9	2,4-Dimethylphenol	440	U	1800	440
120-83-2	2,4-Dichlorophenol	260	U	1800	260
111-91-1	Bis(2-chloroethoxy)methane	230	U	1800	230
91-20-3	Naphthalene	200	U	1800	200
106-47-8	4-Chloroaniline	470	U	1800	470
87-68-3	Hexachlorobutadiene	43	U	360	43
105-60-2	Caprolactam	410	U	1800	410
59-50-7	4-Chloro-3-methylphenol	270	U	1800	270
91-57-6	2-Methylnaphthalene	230	U	1800	230
118-74-1	Hexachlorobenzene	24	U	180	24
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	740	U	1800	740
606-20-2	2,6-Dinitrotoluene	53	U	360	53
131-11-3	Dimethyl phthalate	210	U	1800	210
208-96-8	Acenaphthylene	210	U	1800	210
99-09-2	3-Nitroaniline	620	U	1800	620
83-32-9	Acenaphthene	260	U	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: U94507.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 09:18
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1800	1100
51-28-5	2,4-Dinitrophenol	1000	U	3600	1000
132-64-9	Dibenzofuran	210	U	1800	210
84-66-2	Diethyl phthalate	210	U	1800	210
86-73-7	Fluorene	230	U	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	58	U	360	58
7005-72-3	4-Chlorophenyl phenyl ether	210	U	1800	210
100-01-6	4-Nitroaniline	550	U	3600	550
534-52-1	4,6-Dinitro-2-methylphenol	480	U	3600	480
101-55-3	4-Bromophenyl phenyl ether	180	U	1800	180
1912-24-9	Atrazine	270	U	1800	270
120-12-7	Anthracene	210	U	1800	210
86-74-8	Carbazole	210	U	1800	210
85-01-8	Phenanthrene	220	U	1800	220
87-86-5	Pentachlorophenol	530	U	3600	530
129-00-0	Pyrene	150	U	1800	150
218-01-9	Chrysene	210	U	1800	210
207-08-9	Benzo[k]fluoranthene	13	U	180	13
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	12	U	180	12
56-55-3	Benzo[a]anthracene	12	U	180	12
86-30-6	N-Nitrosodiphenylamine	170	U	1800	170
85-68-7	Butyl benzyl phthalate	160	U	1800	160
117-81-7	Bis(2-ethylhexyl) phthalate	590	U	1800	590
117-84-0	Di-n-octyl phthalate	110	U	1800	110
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	180	33
53-70-3	Dibenz(a,h)anthracene	22	U	180	22
91-94-1	3,3'-Dichlorobenzidine	620	U	1800	620
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	1800	240
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	1800	230

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: U94507.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 09:18
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	102		41-145
118-79-6	2,4,6-Tribromophenol	47		19-114
367-12-4	2-Fluorophenol	68		39-103
321-60-8	2-Fluorobiphenyl	87		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-19SW-VD</u>	Lab Sample ID: <u>460-72180-13</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94507.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 12:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>03/13/2014 09:18</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>6.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>118000</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.83	3900	J N
192823-15-7	Decane, 2,3,5,8-tetramethyl-	7.18	3300	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.33	5200	J N
544-76-3	Hexadecane	7.88	6200	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	9100	J N
55045-11-9	Tridecane, 5-propyl-	8.36	39000	J N
	Unknown alkane	8.54	5700	J
	Unknown	8.70	2300	J
593-45-3	Octadecane	8.79	6800	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.81	14000	J N
54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	9.16	4000	J N
629-92-5	Nonadecane	9.20	6300	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.50	3500	J N
112-95-8	Eicosane	9.59	3500	J N
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.66	5200	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D
 Lims ID: 460-72180-E-13-A Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 09:18:30 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-018
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: XAWRK034

First Level Reviewer: szczecha

Date: 13-Mar-2014 11:14:49

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.125	3.126	-0.001	89	44124	6.78	
\$ 6 Phenol-d5	99	4.033	4.072	-0.039	68	61852	7.87	
* 13 1,4-Dichlorobenzene-d4	152	4.407	4.423	-0.017	98	148727	40.0	
\$ 25 Nitrobenzene-d5	82	4.952	4.984	-0.032	92	58706	7.06	
* 35 Naphthalene-d8	136	5.687	5.696	-0.009	100	674991	40.0	
\$ 48 2-Fluorobiphenyl	172	6.762	6.780	-0.018	97	84594	8.74	
* 61 Acenaphthene-d10	164	7.431	7.444	-0.013	92	283518	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.202	8.223	-0.021	58	5158	4.73	
* 83 Phenanthrene-d10	188	8.887	8.909	-0.022	98	367327	40.0	
\$ 91 Terphenyl-d14	244	10.455	10.464	-0.009	98	45970	10.2	
* 96 Chrysene-d12	240	11.646	11.672	-0.026	97	193575	40.0	
* 103 Perylene-d12	264	13.570	13.590	-0.020	98	169168	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D
 Lims ID: 460-72180-E-13-A Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 09:18:30 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-018
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha Date: 13-Mar-2014 11:14:49

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.833	399847	10.8	61	86	61716	C15H28	208	
7.184	342910	9.30	61	86	55029	C14H30	198	
7.325	534355	14.5	61	90	71138	C16H30	222	
7.877	640305	17.4	61	97	73966	C16H34	226	
8.101	947006	25.7	61	91	91053	C18H38	254	
8.359	3239327	108.2	83	91	73971	C16H34	226	
8.539	481921	16.1	83	0	0		0	
8.696	191281	6.39	83					M
8.786	572836	19.1	83	97	91037	C18H38	254	M
8.809	1155374	38.6	83	91	107666	C20H42	282	M
9.156	332630	11.1	83	91	115581	C21H44	296	M
9.201	531982	17.8	83	97	99476	C19H40	268	

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
41464-40-8 9.504	1,1'-Biphenyl, 2,2',4,5'-tetrachloro- 295155	9.86	83	98	111721	C12H6Cl4	290	M
112-95-8 9.594	Eicosane 290898	9.72	83	98	107652	C20H42	282	M
35693-99-3 9.664	1,1'-Biphenyl, 2,2',5,5'-tetrachloro- 433373	14.5	83	99	111741	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.431	1474874	40.0
* 83 Phenanthrene-d10	8.887	1197039	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Worklist Smp#: 18

Client ID: PMP-19SW-VD

Injection Vol: 1.0 ul

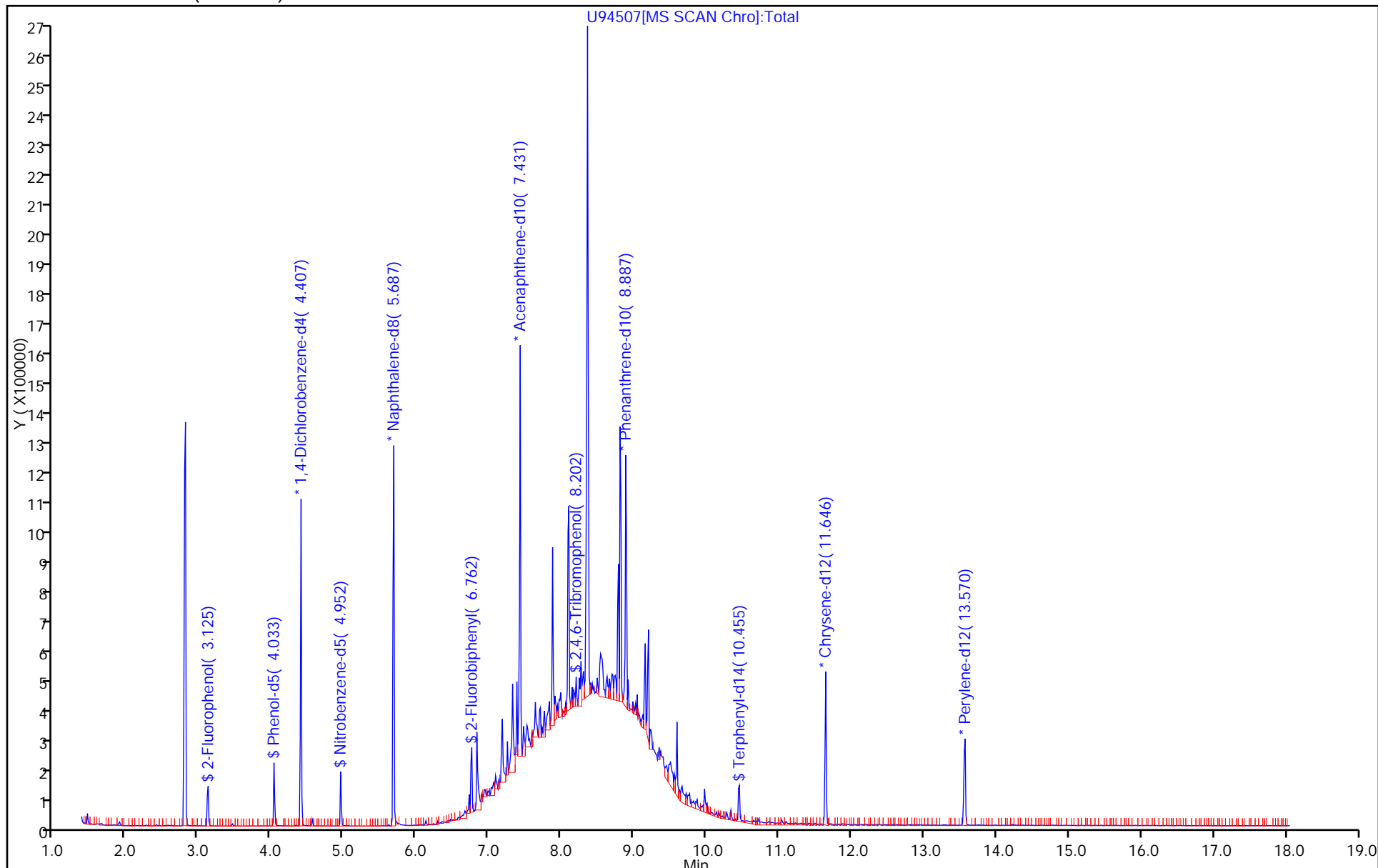
Dil. Factor: 5.0000

ALS Bottle#: 18

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

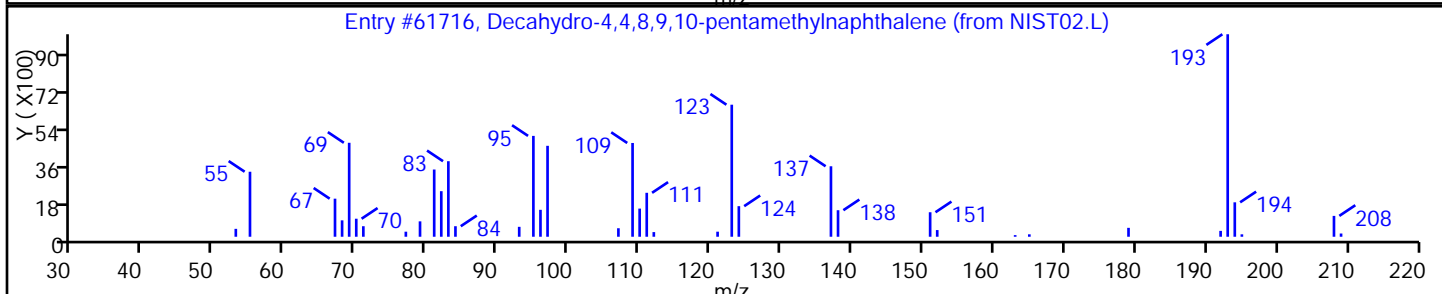
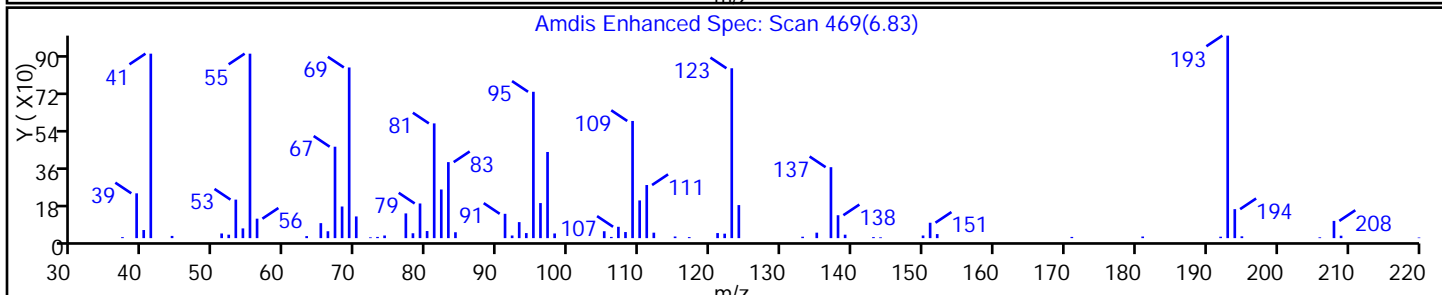
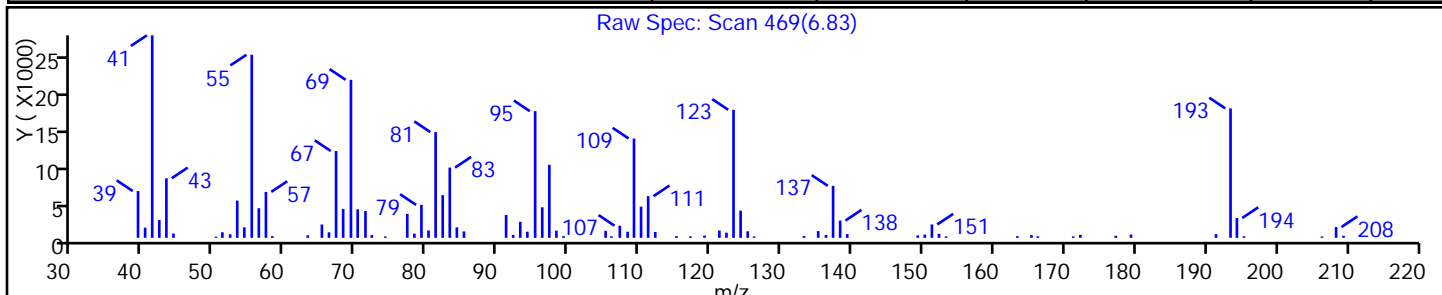
Method: 8270_4R

Limit Group: SV 8270 ICAL

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	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

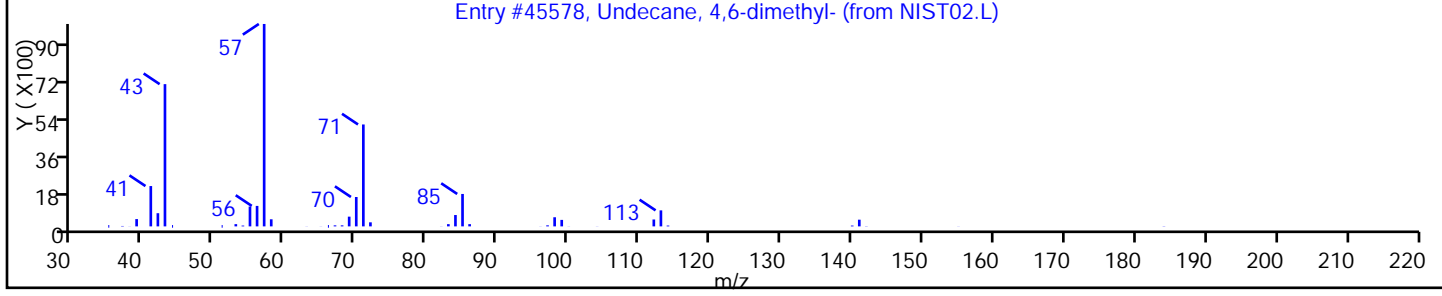
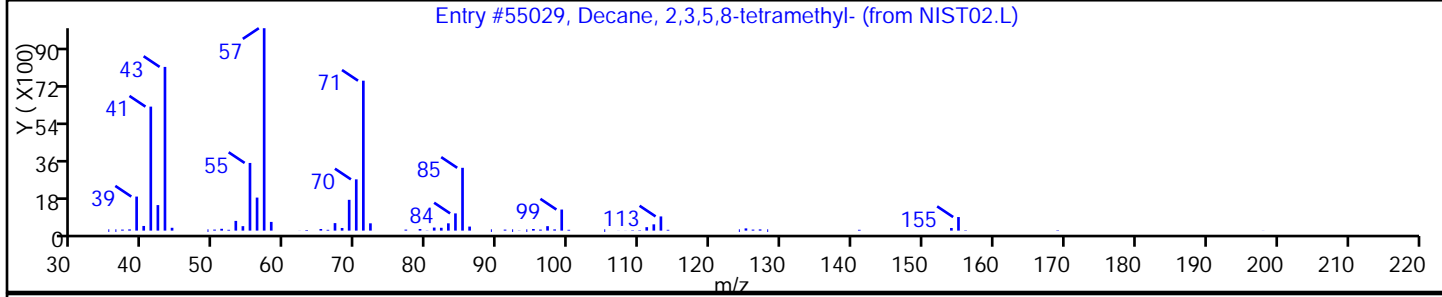
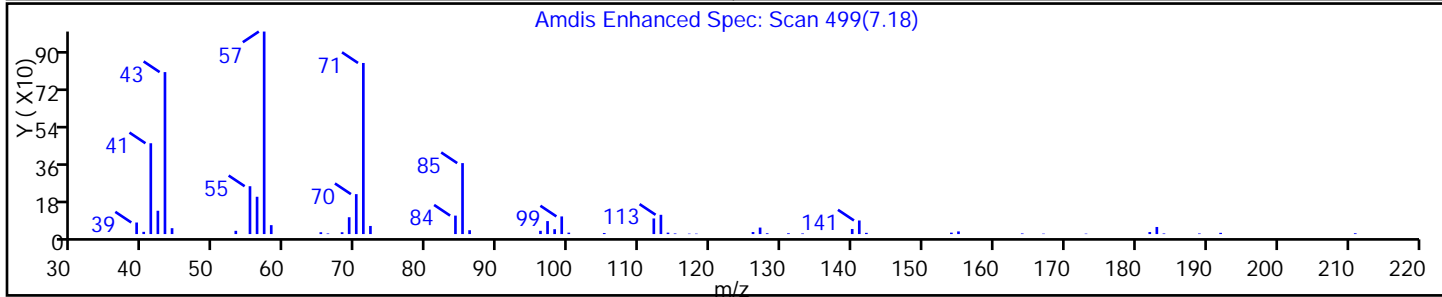
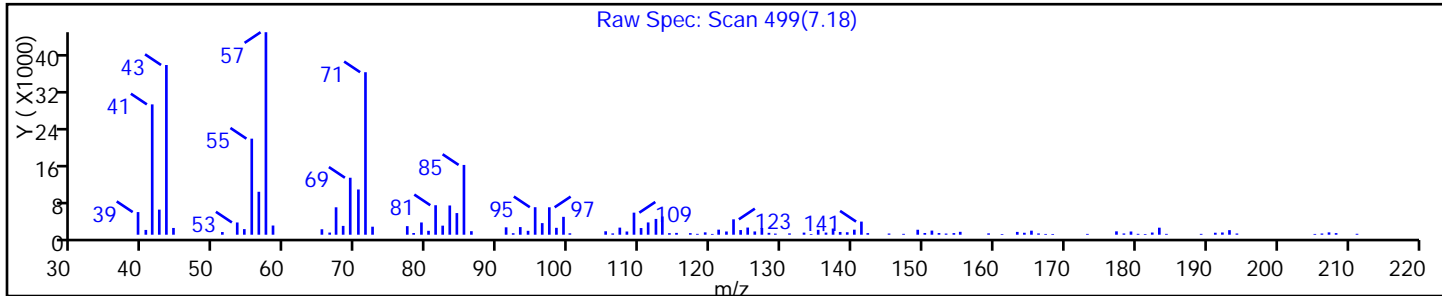
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane, 2,3,5,8-tetramethyl-	192823-15-7	NIST02.L	55029	C14H30	198	86
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

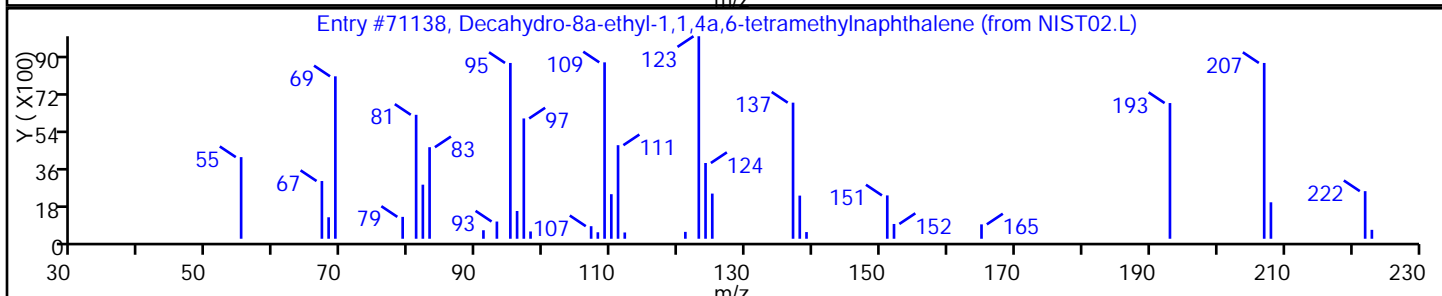
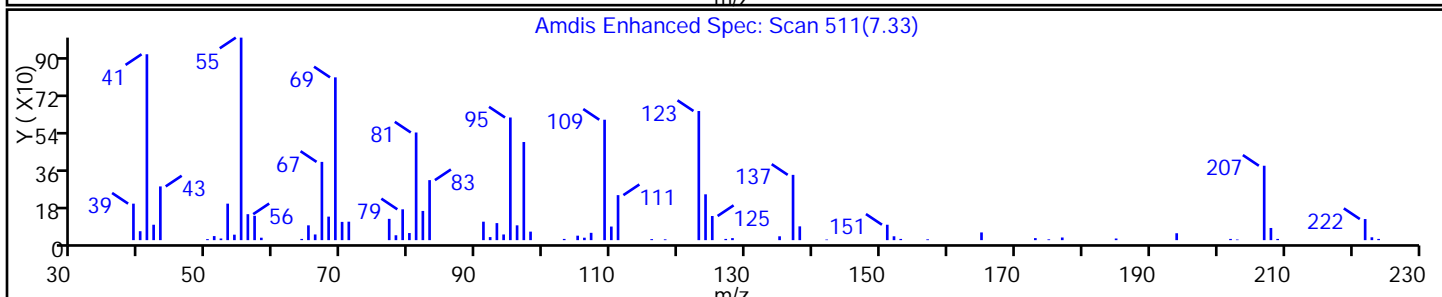
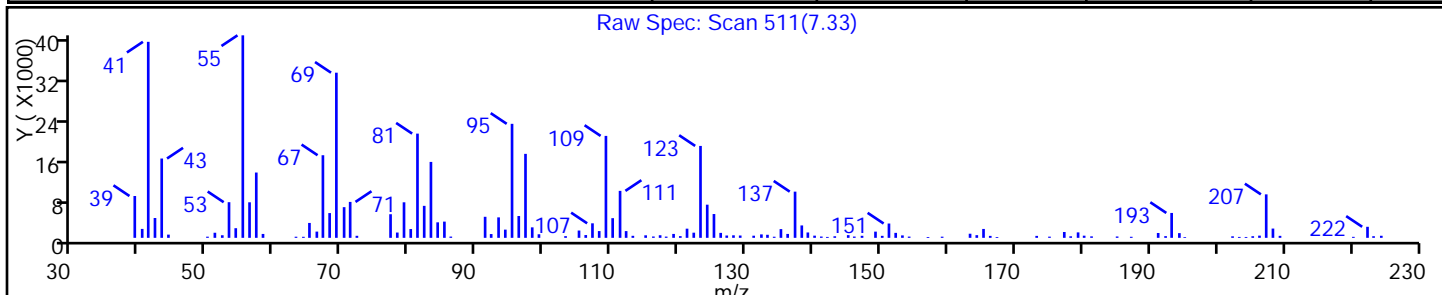
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

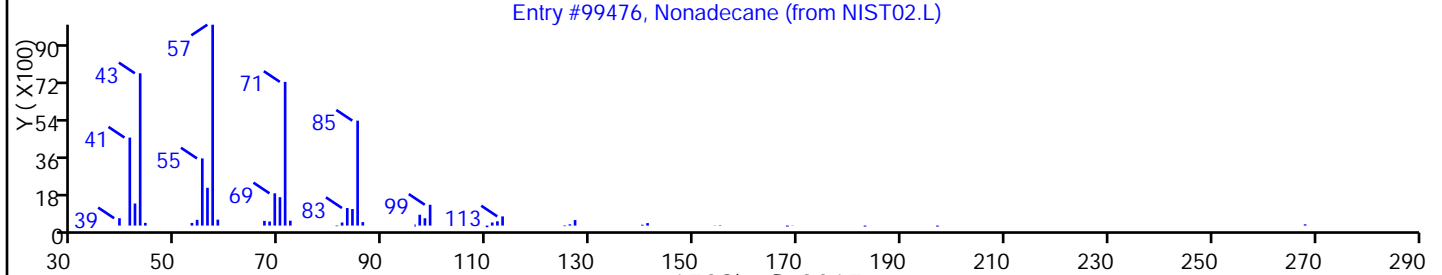
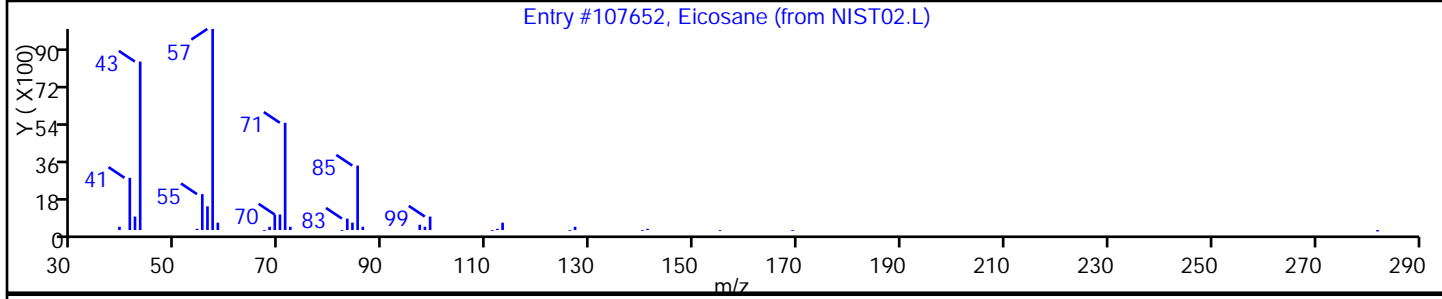
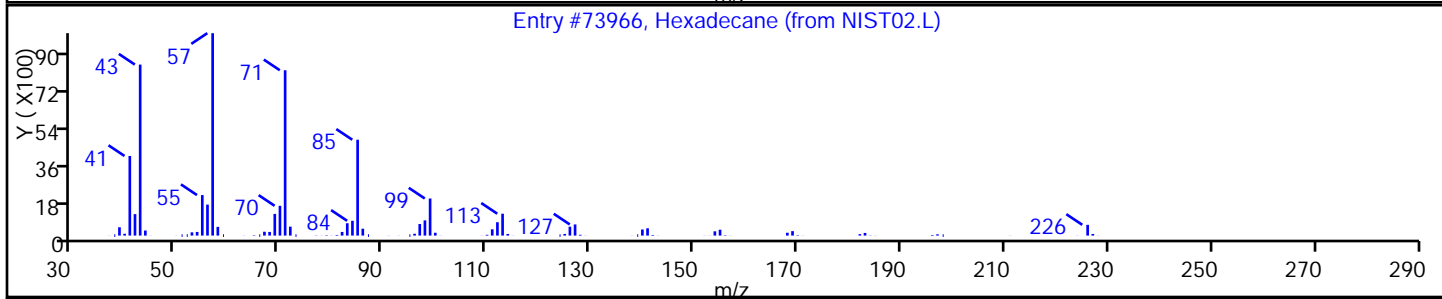
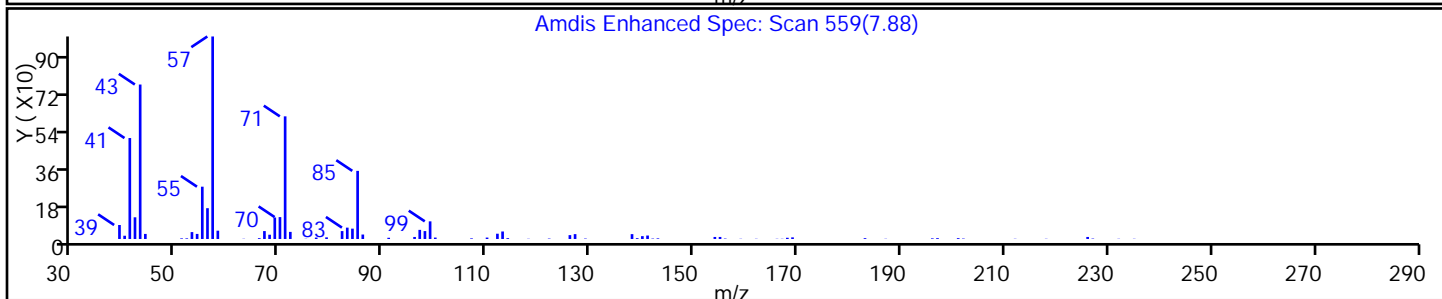
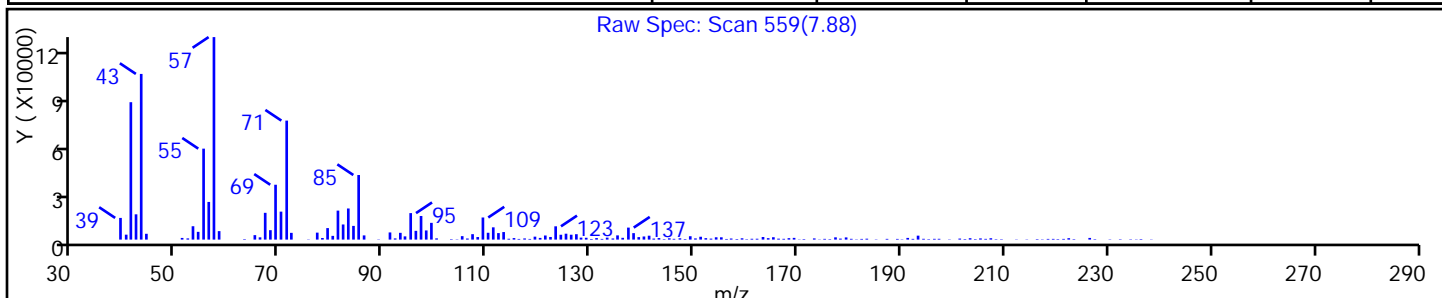
Method: 8270_4R

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
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

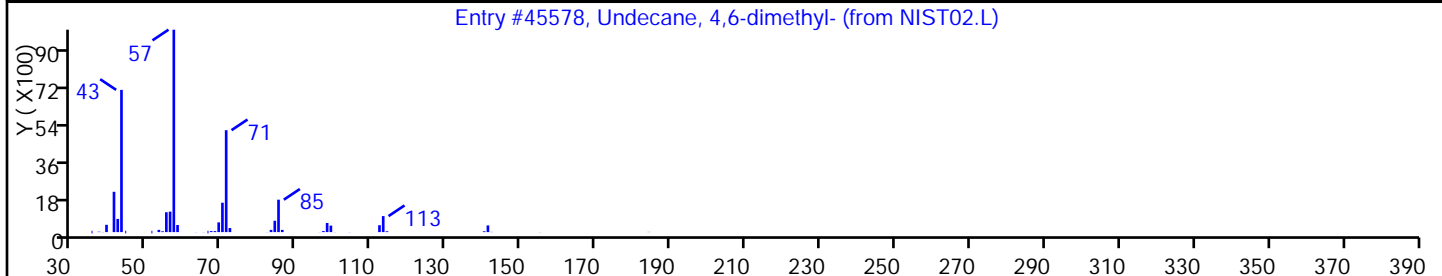
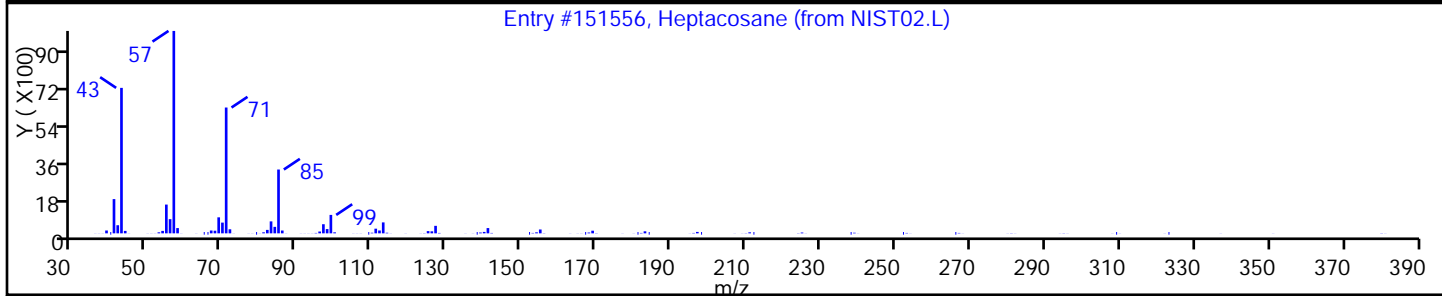
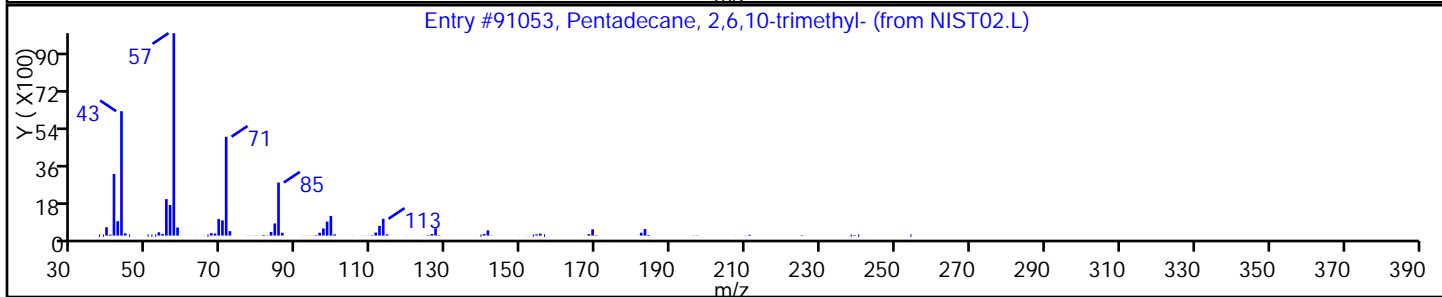
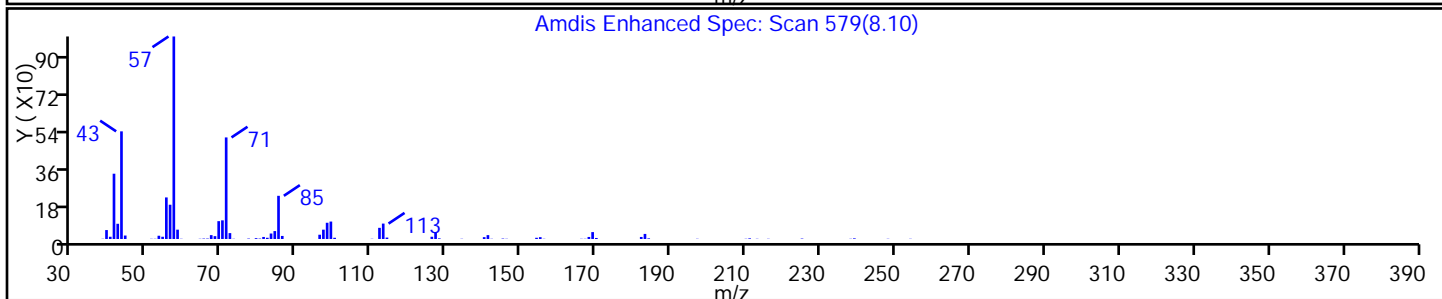
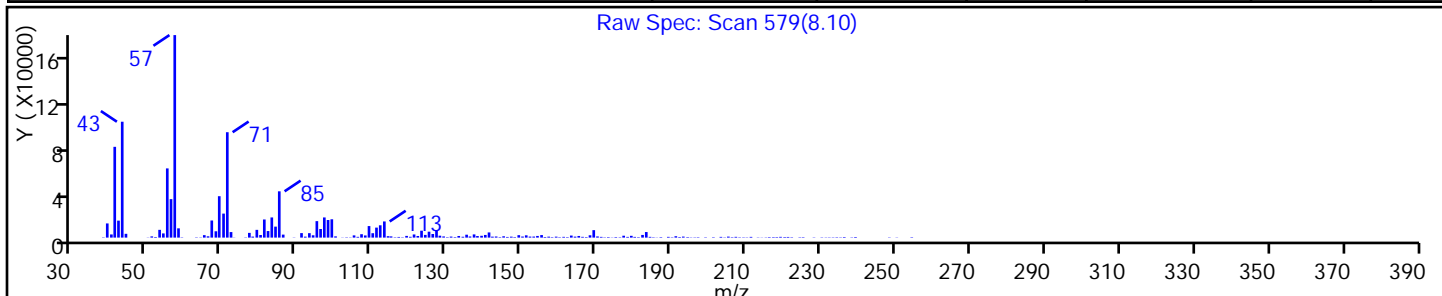
Method: 8270_4R

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
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	86
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

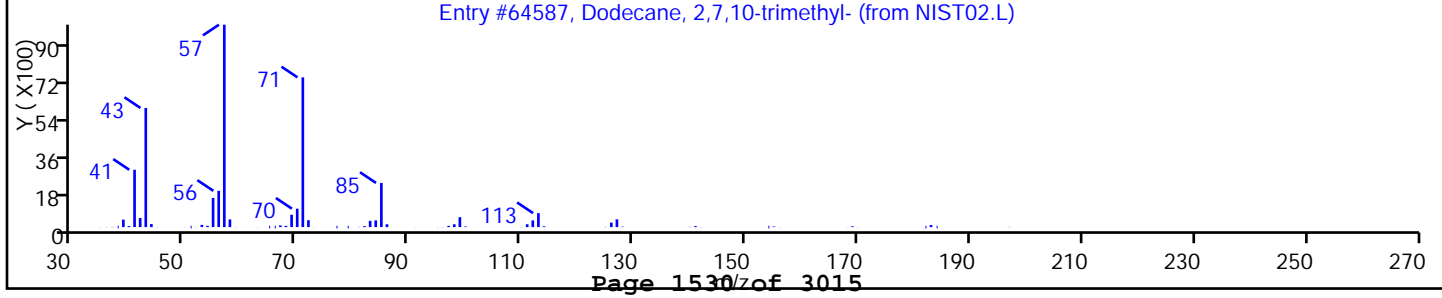
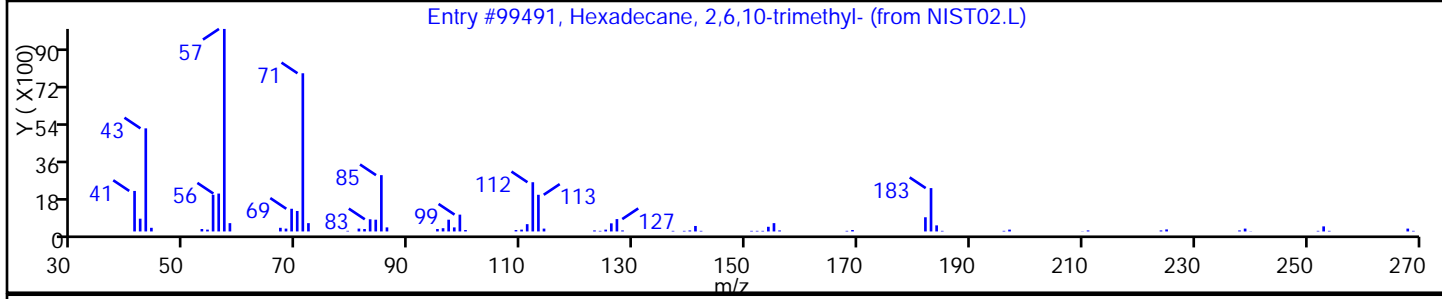
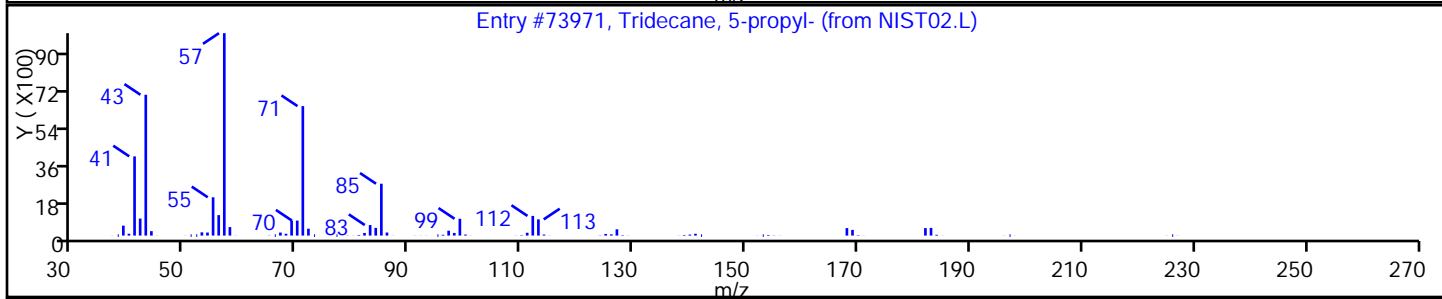
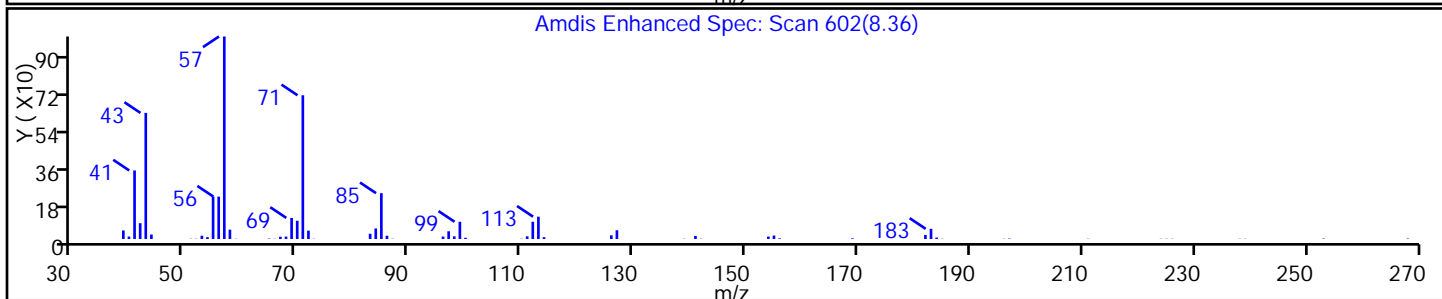
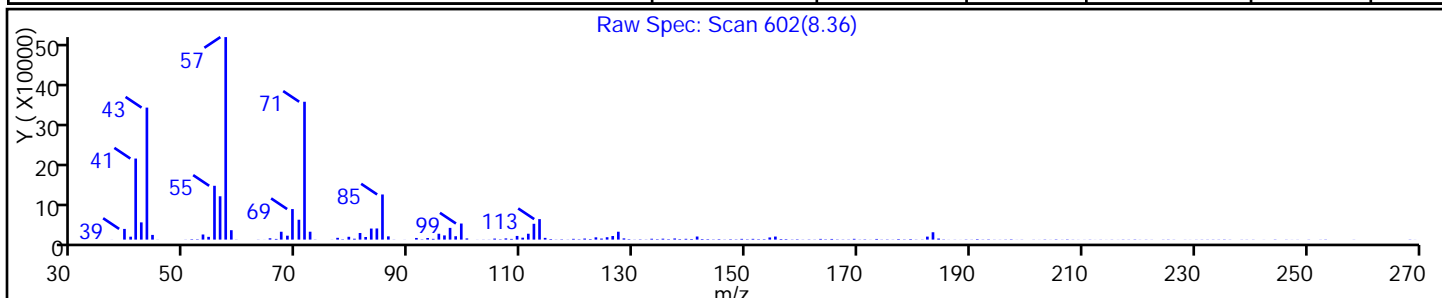
Method: 8270_4R

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	91
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.L	99491	C19H40	268	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

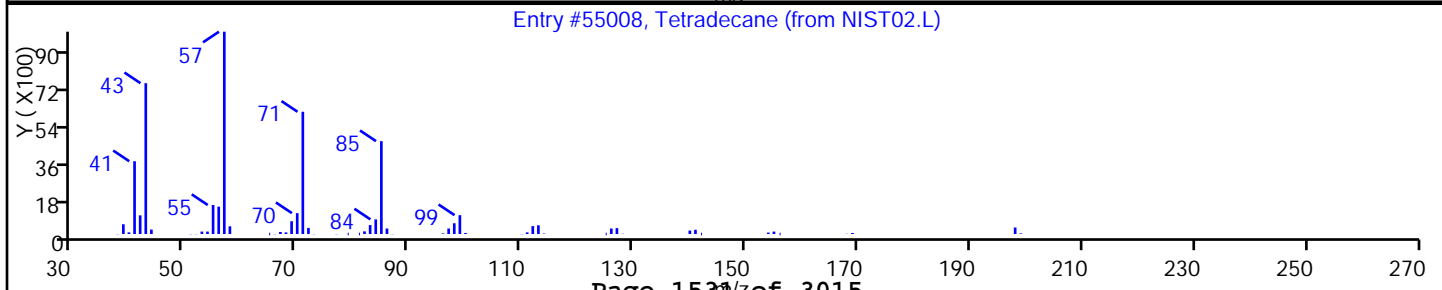
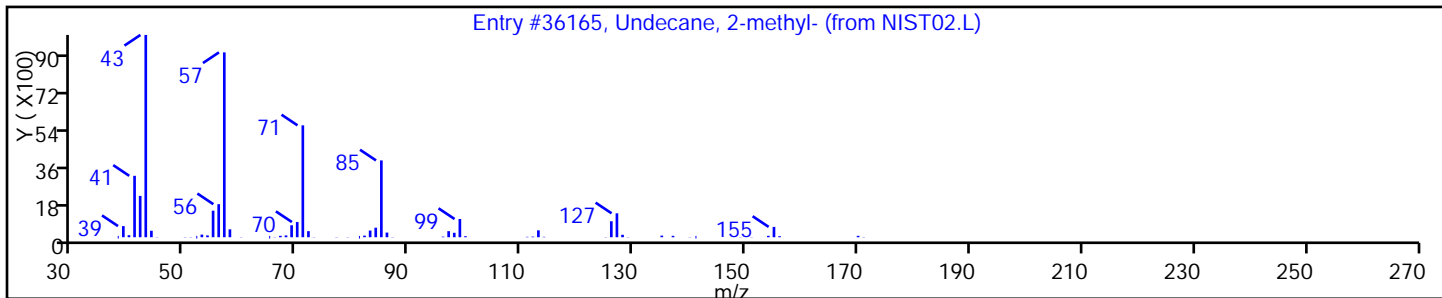
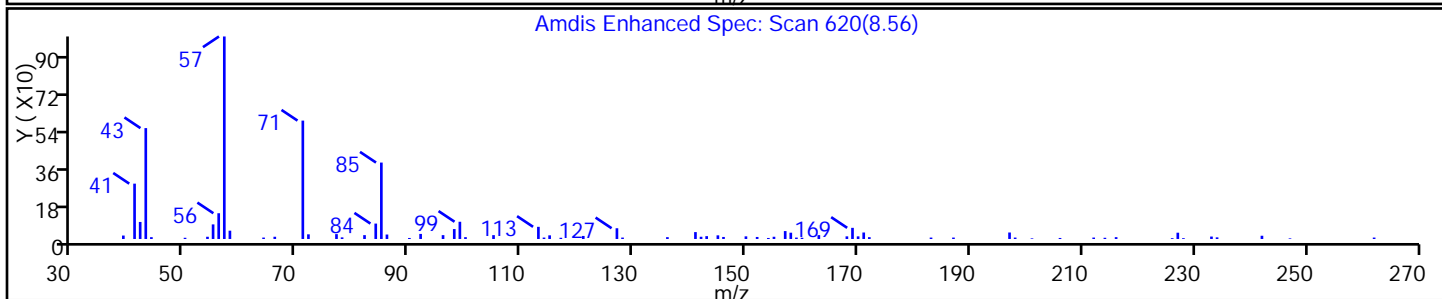
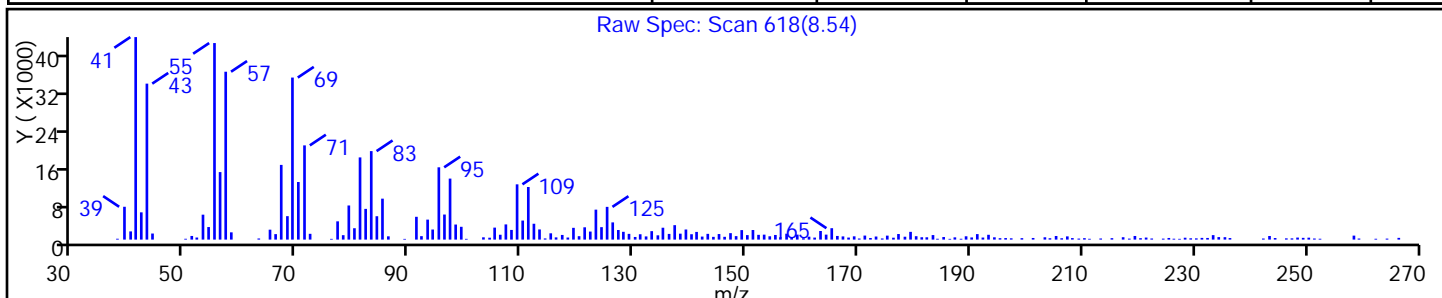
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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Undecane, 2-methyl-	7045-71-8	NIST02.L	36165	C12H26	170	80
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 18

Injection Vol: 1.0 ul

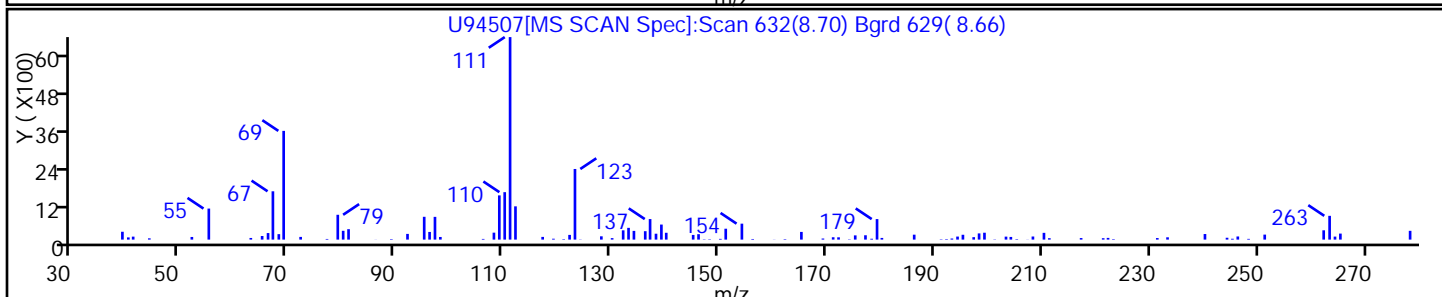
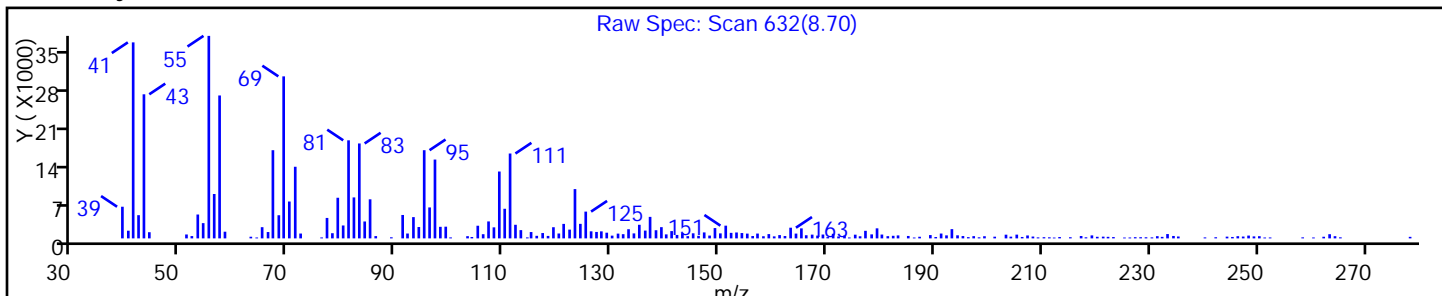
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

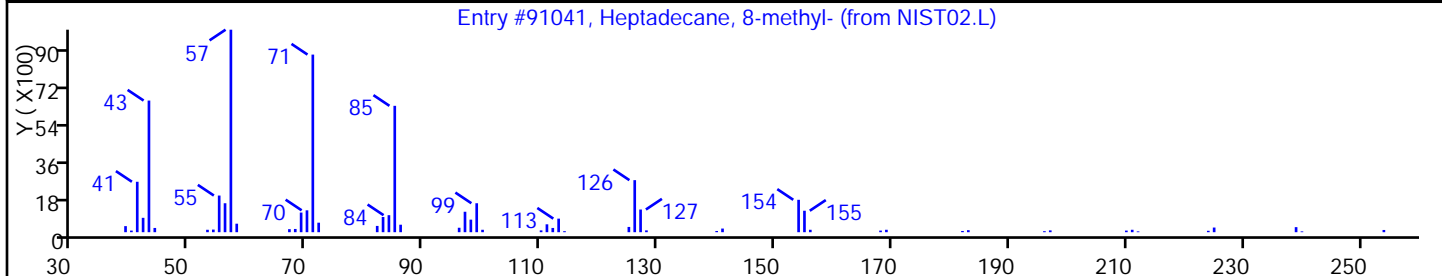
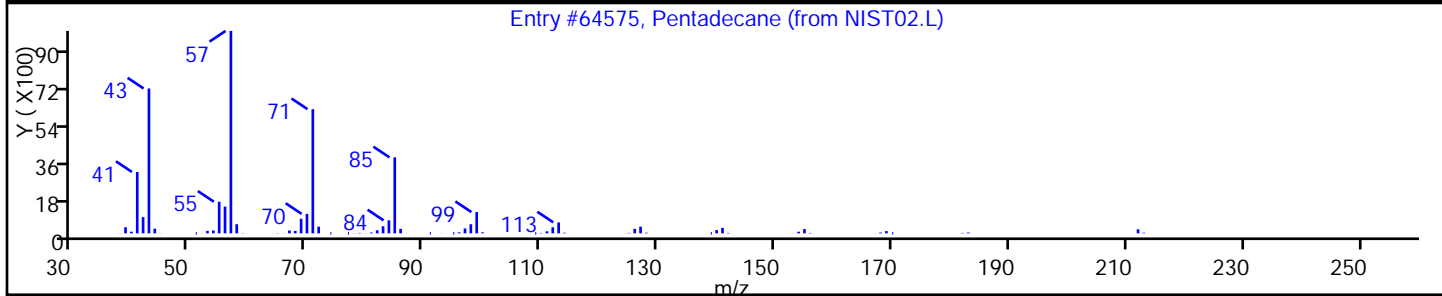
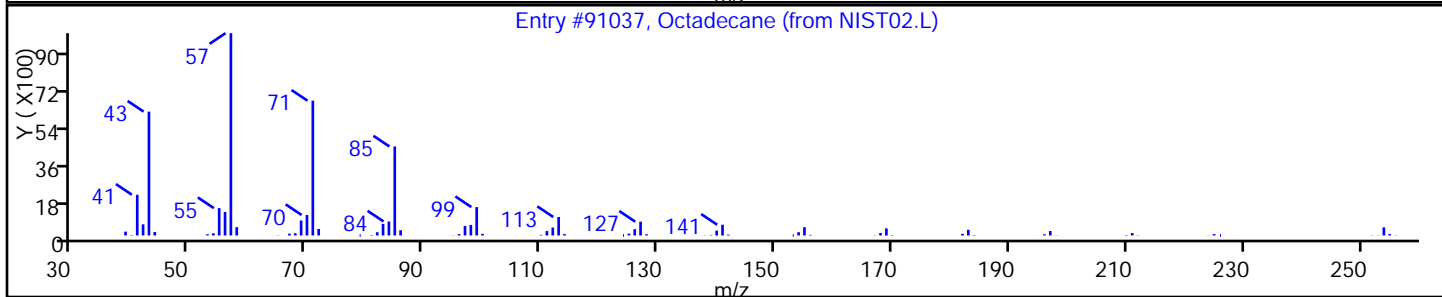
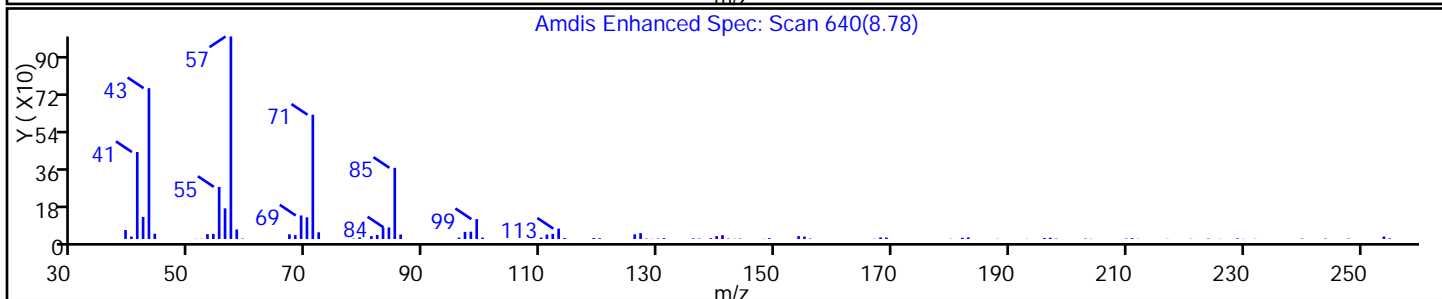
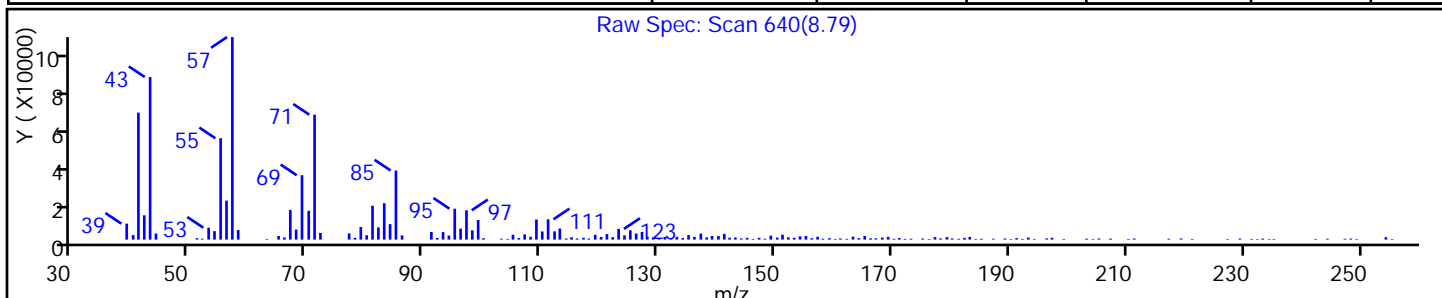
Method: 8270_4R

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	91037	C18H38	254	97
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	95
Heptadecane, 8-methyl-	13287-23-5	NIST02.L	91041	C18H38	254	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

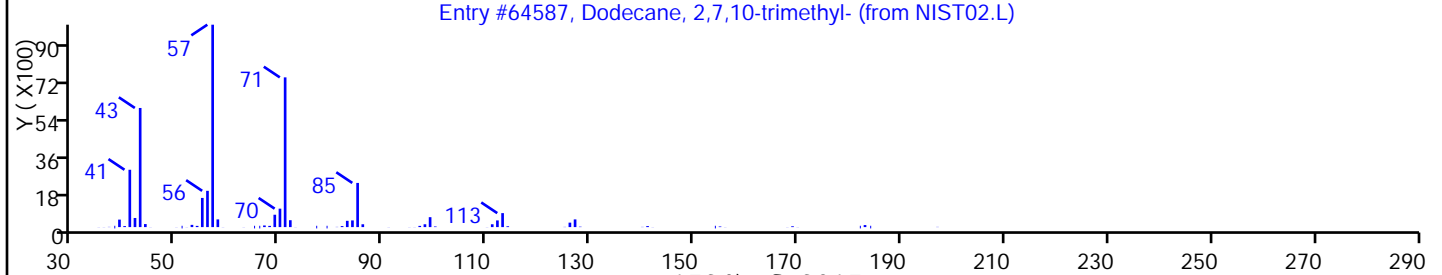
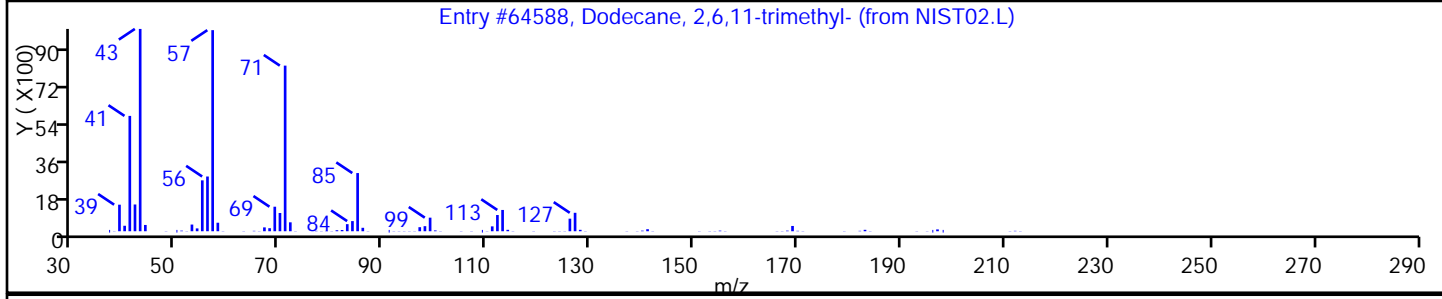
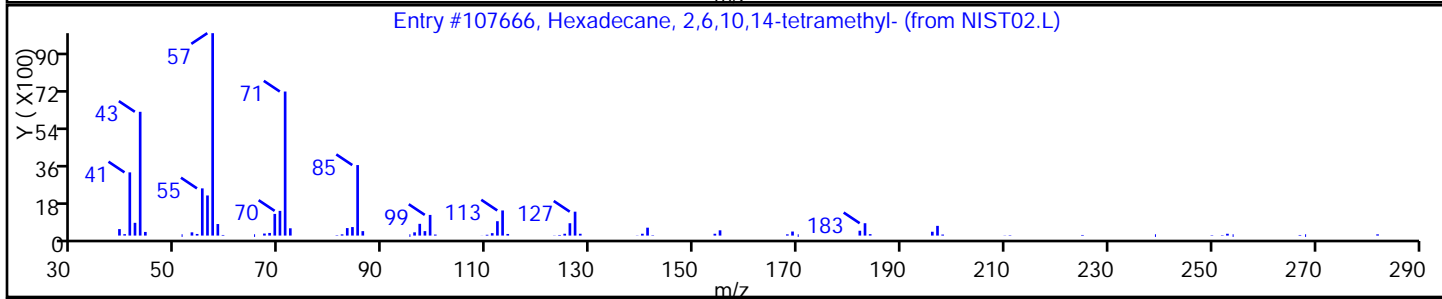
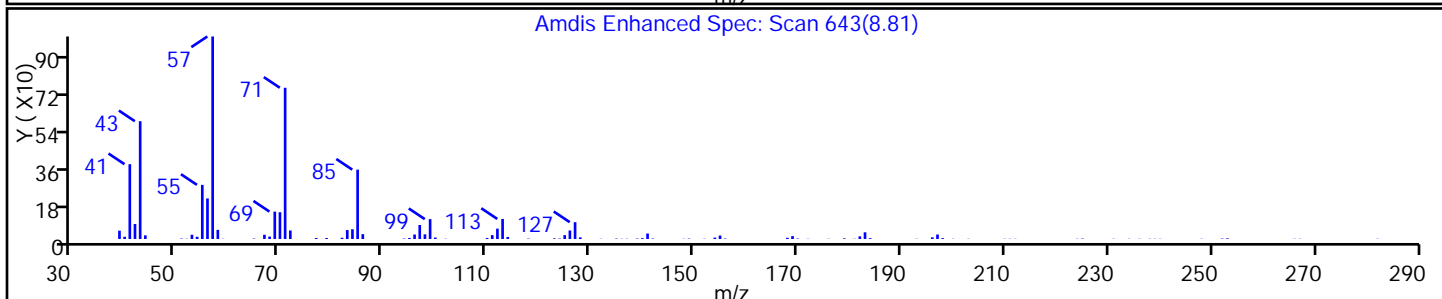
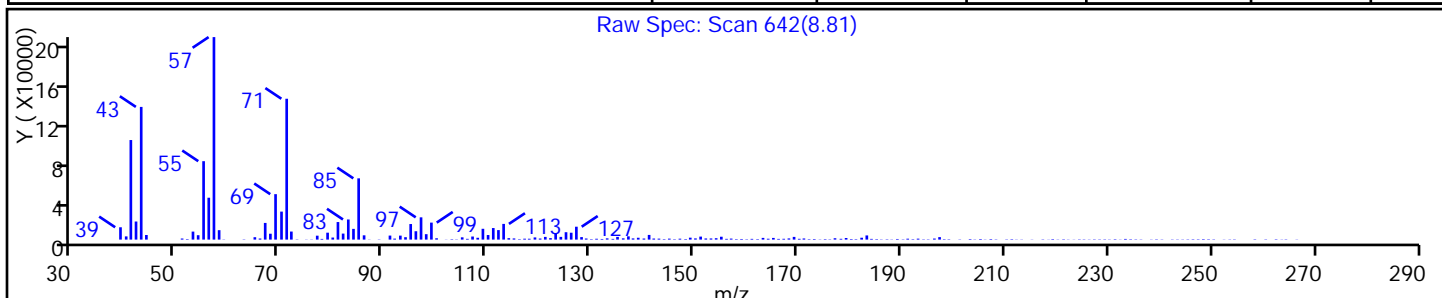
Method: 8270_4R

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, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

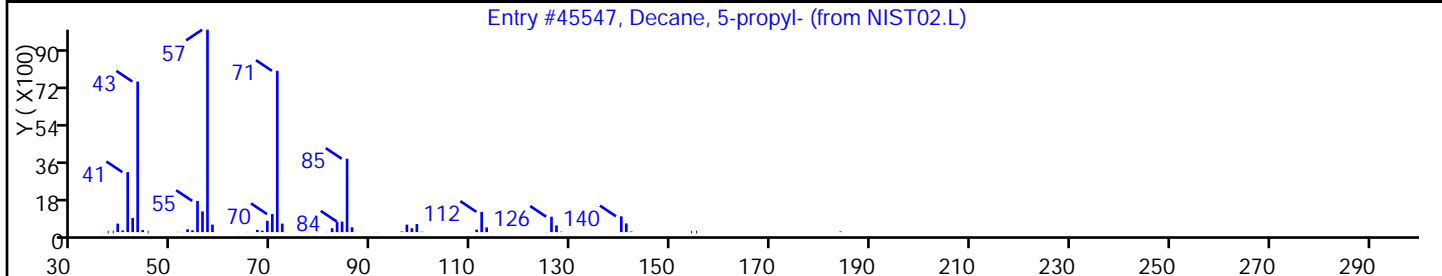
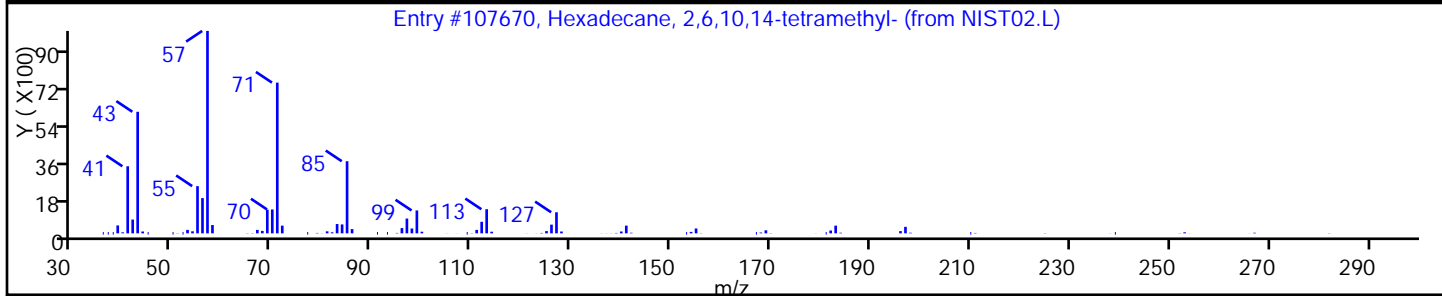
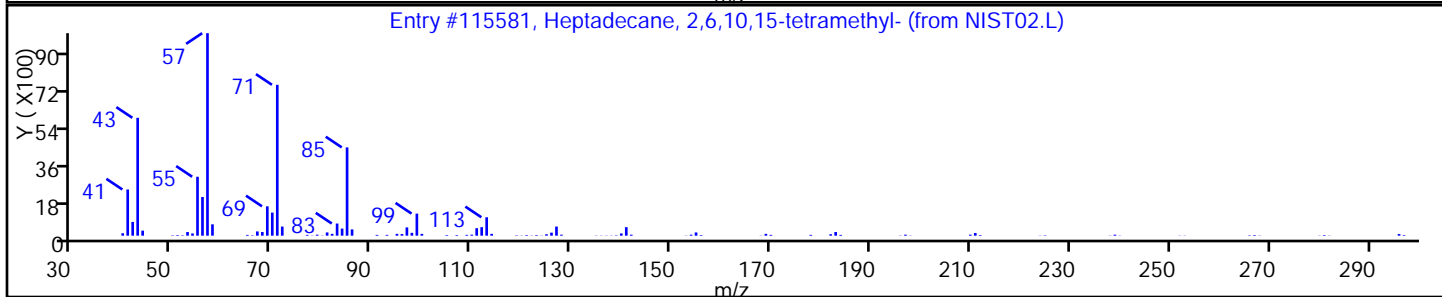
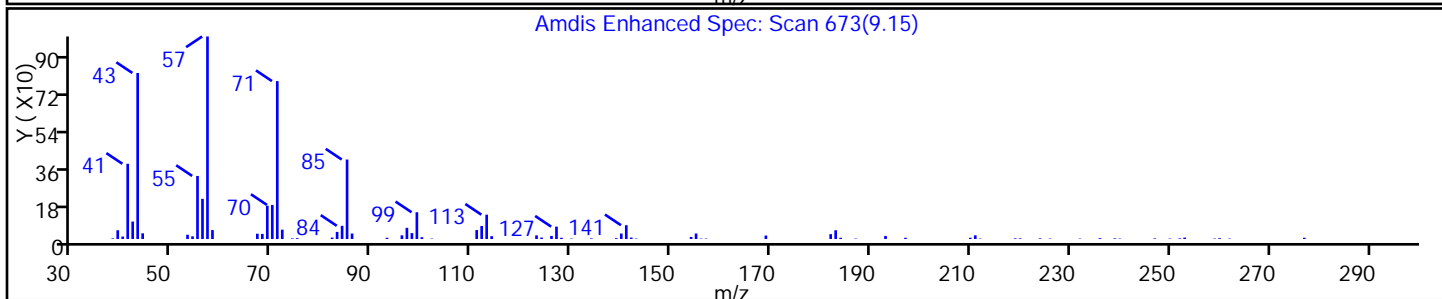
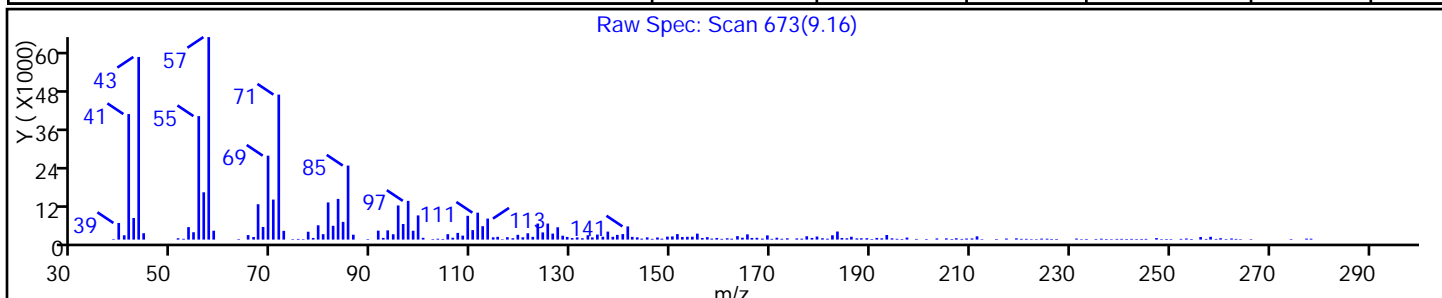
Method: 8270_4R

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
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	90
Decane, 5-propyl-	17312-62-8	NIST02.L	45547	C13H28	184	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

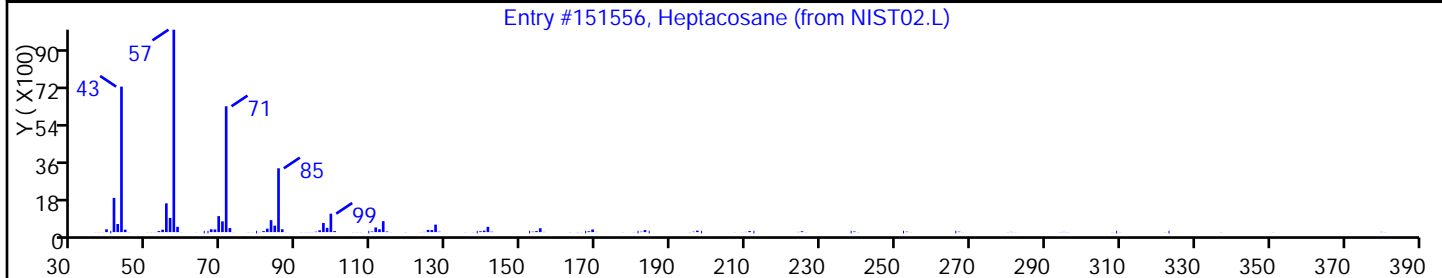
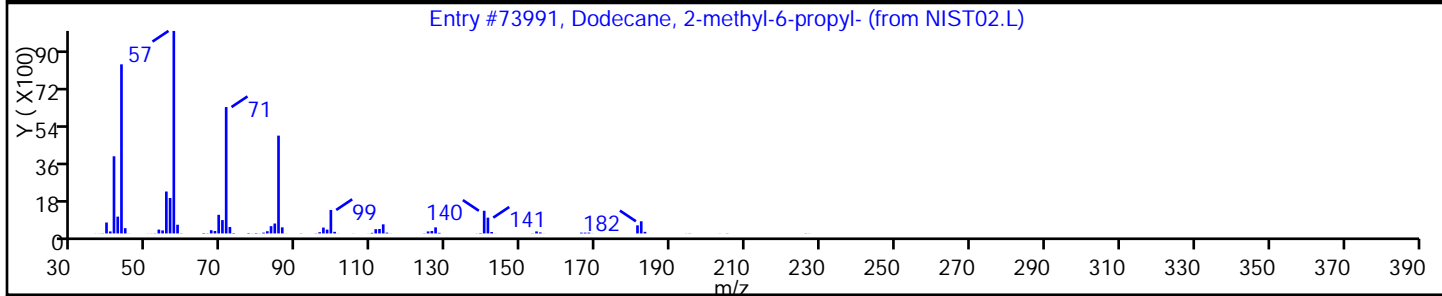
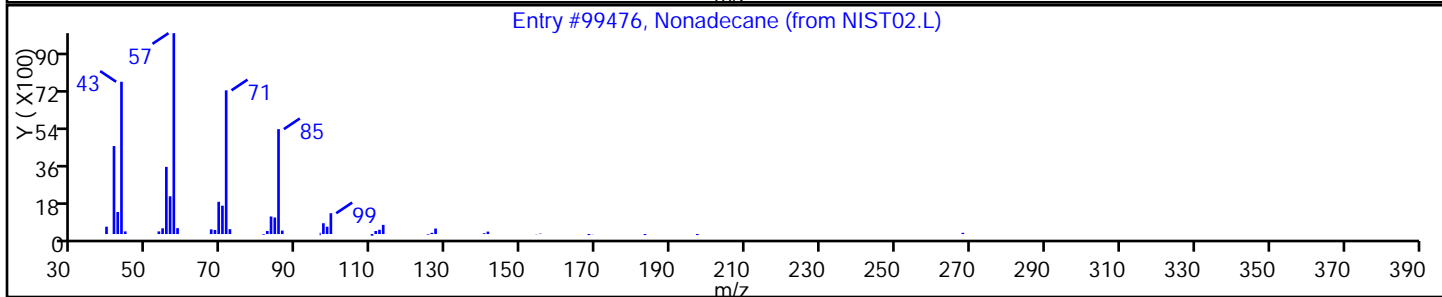
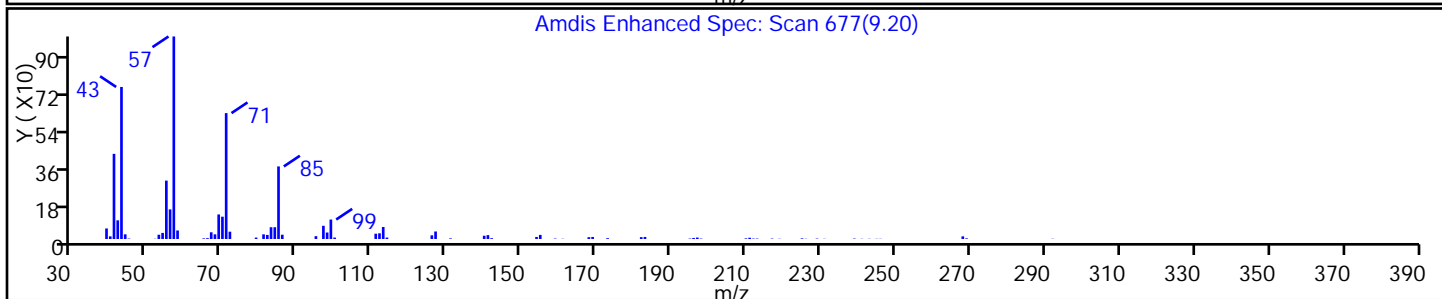
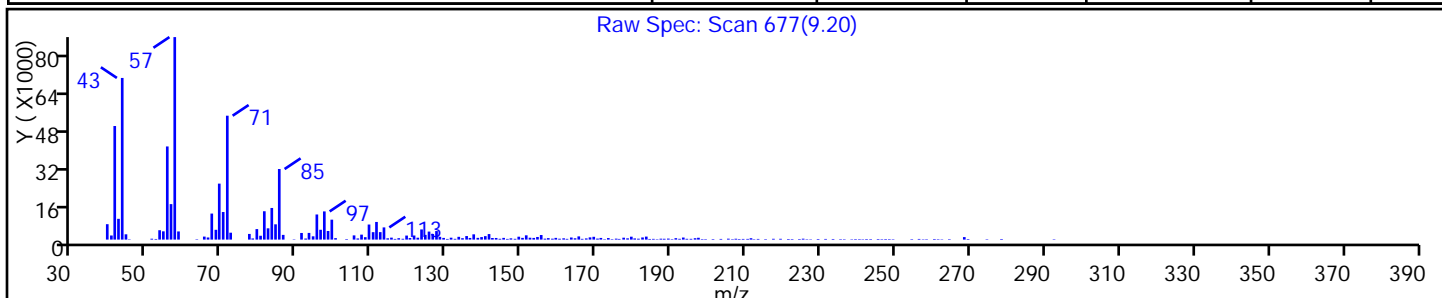
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	97
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	93
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

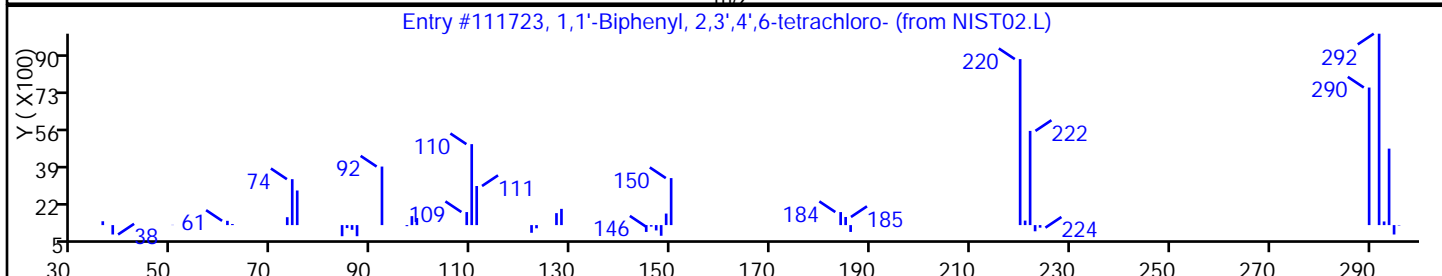
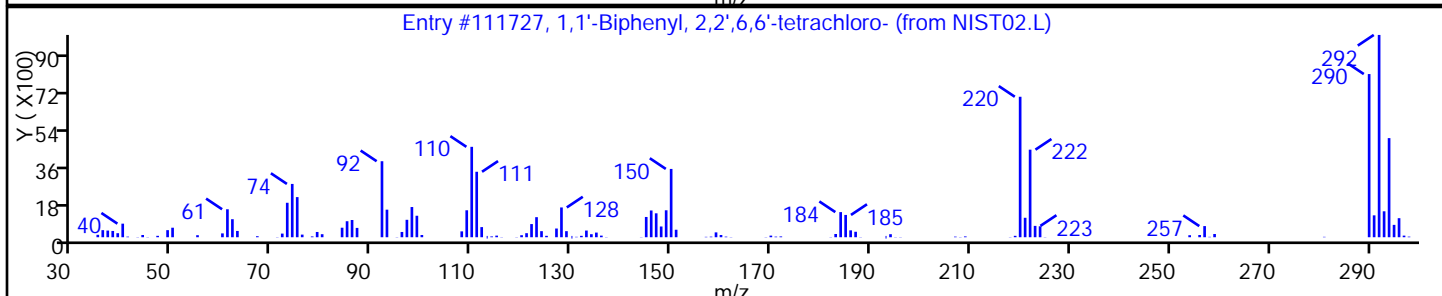
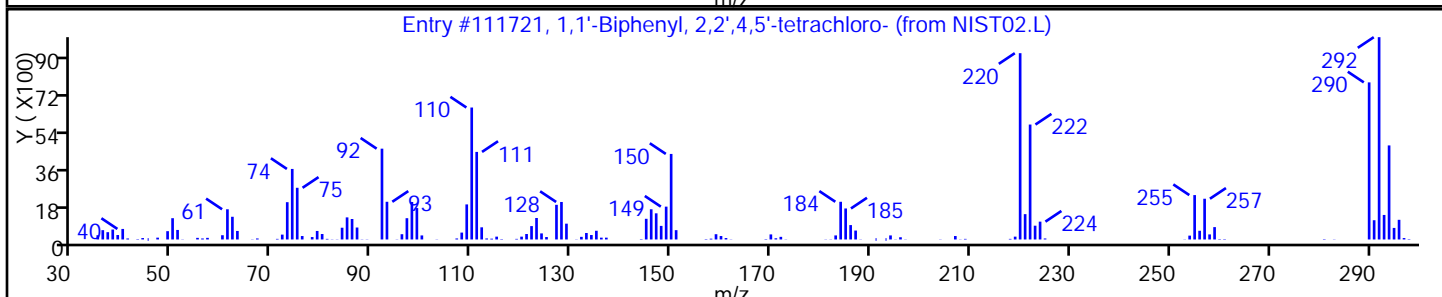
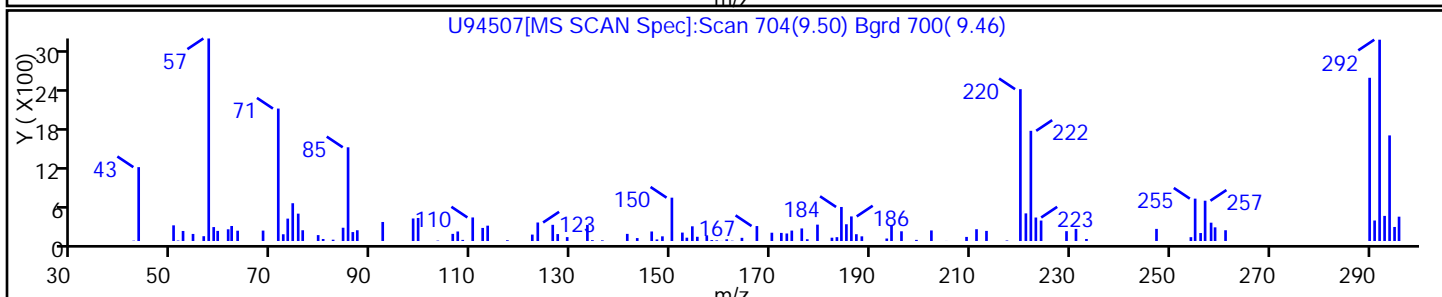
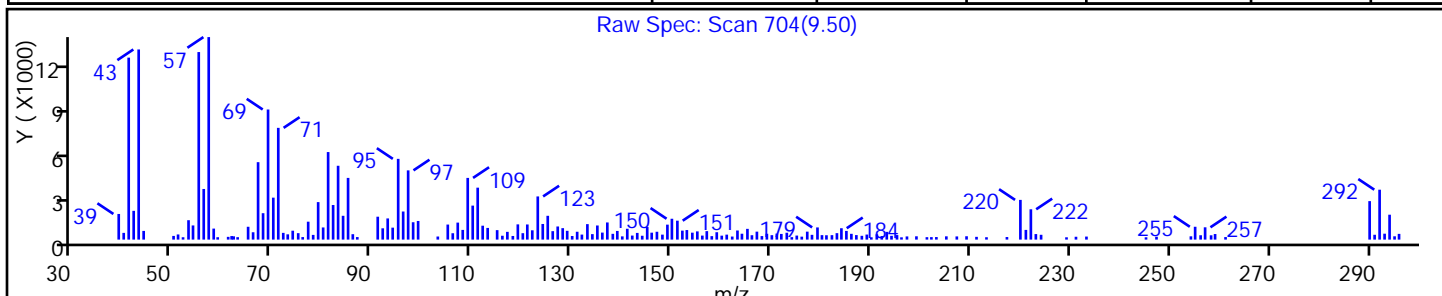
Method: 8270_4R

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',6,6'-tetrachloro-	15968-05-5	NIST02.L	111727	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	95



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#:

18

Worklist Smp#:

18

Injection Vol: 1.0 ul

Dil. Factor:

5.0000

Method: 8270_4R

Limit Group:

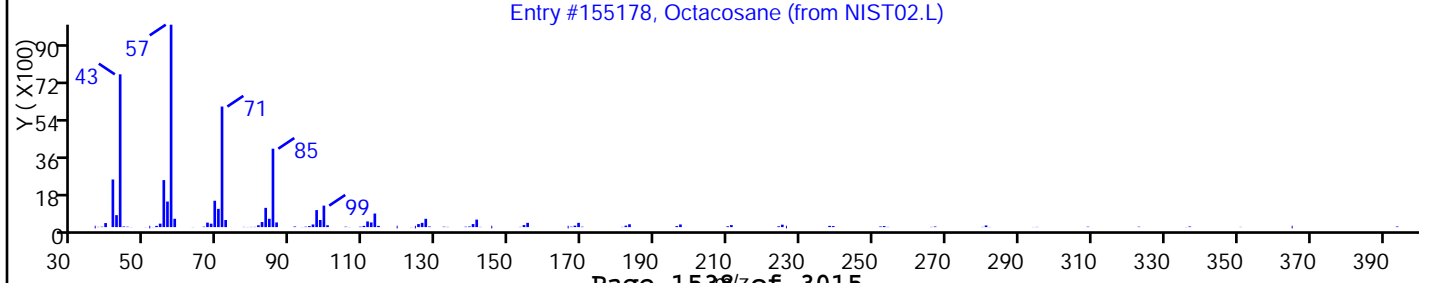
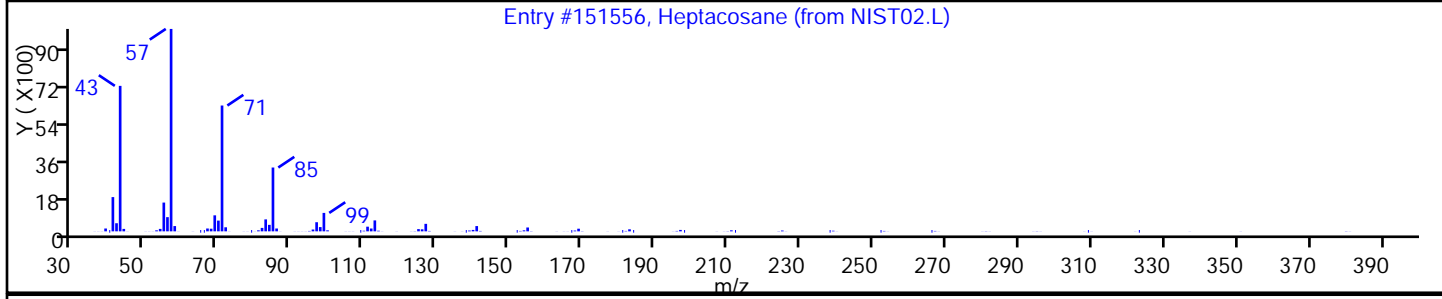
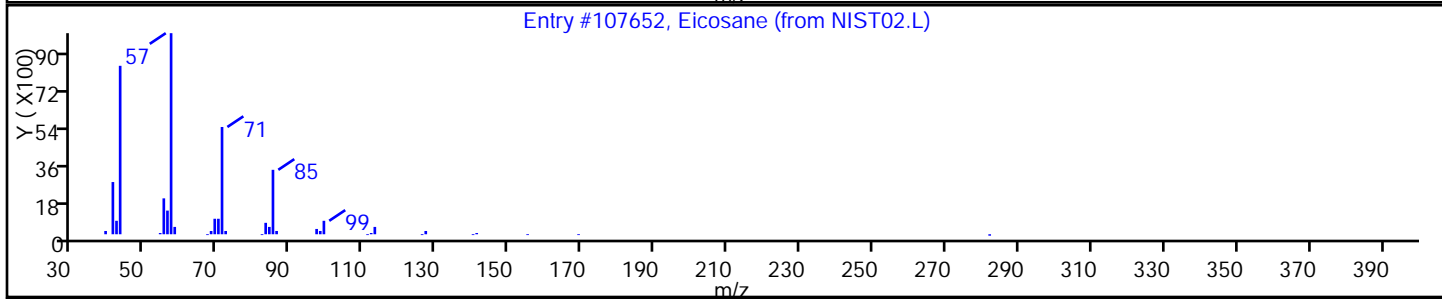
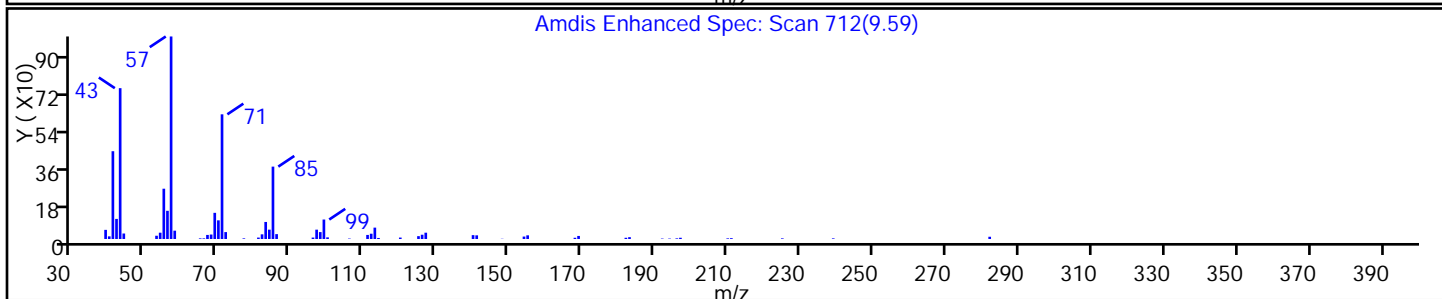
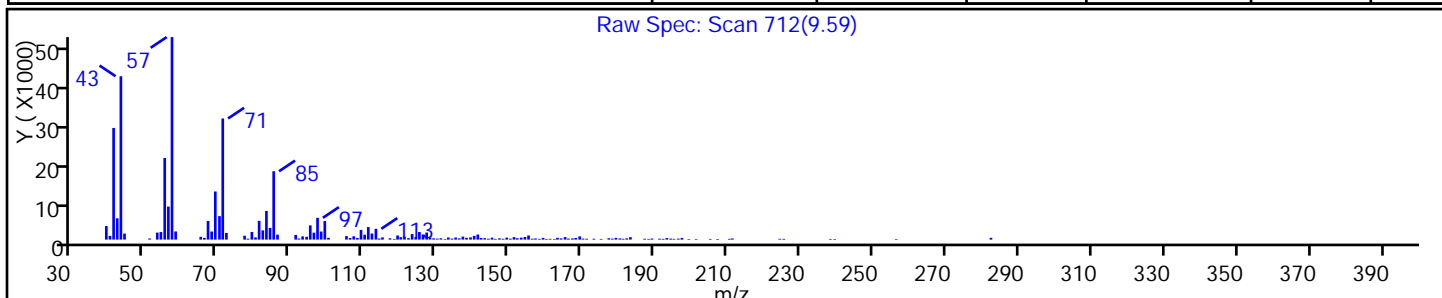
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94507.D

Injection Date: 13-Mar-2014 09:18:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

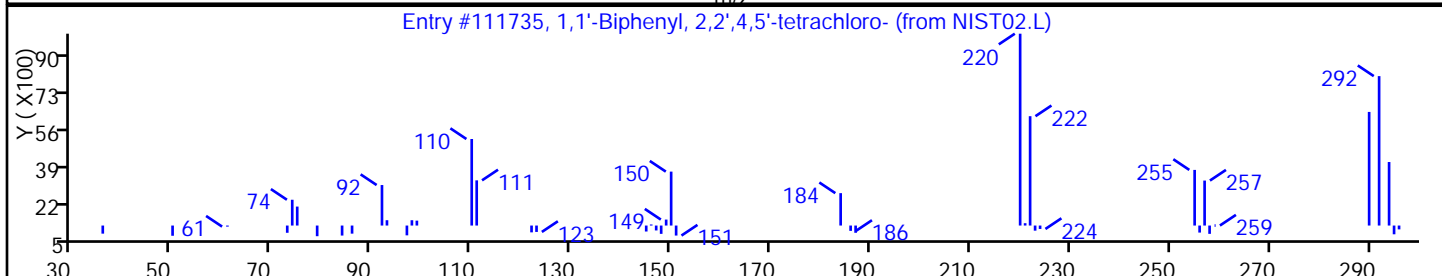
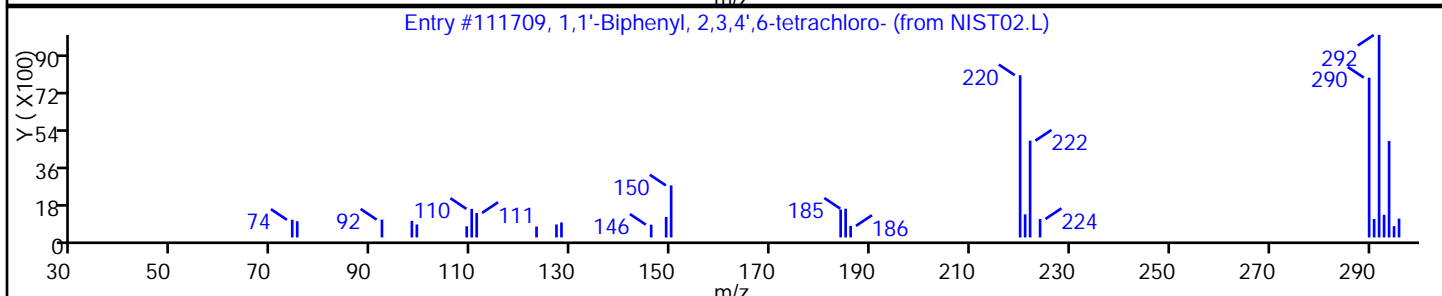
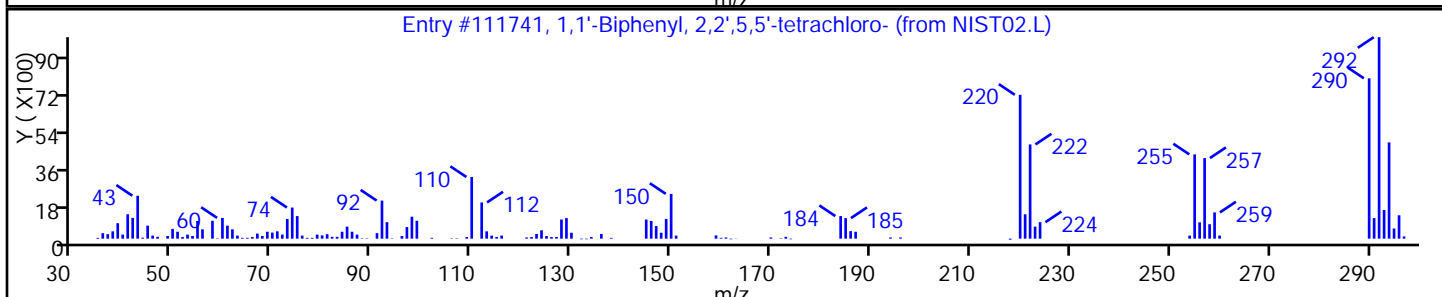
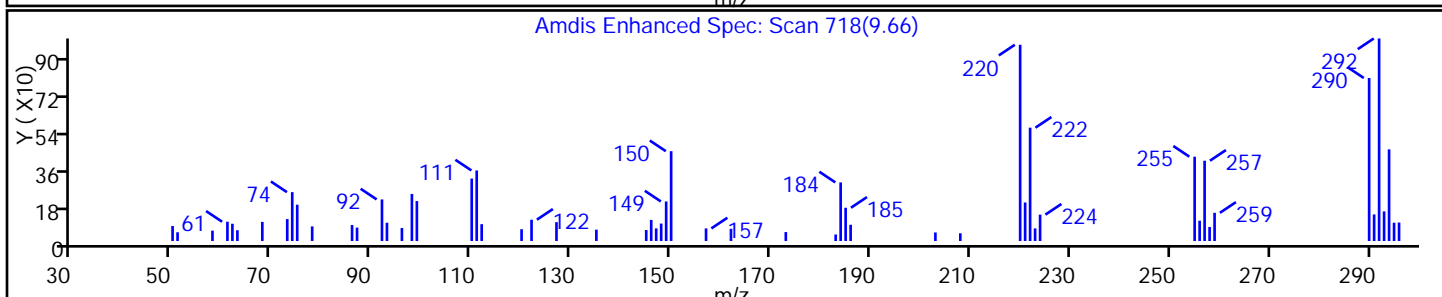
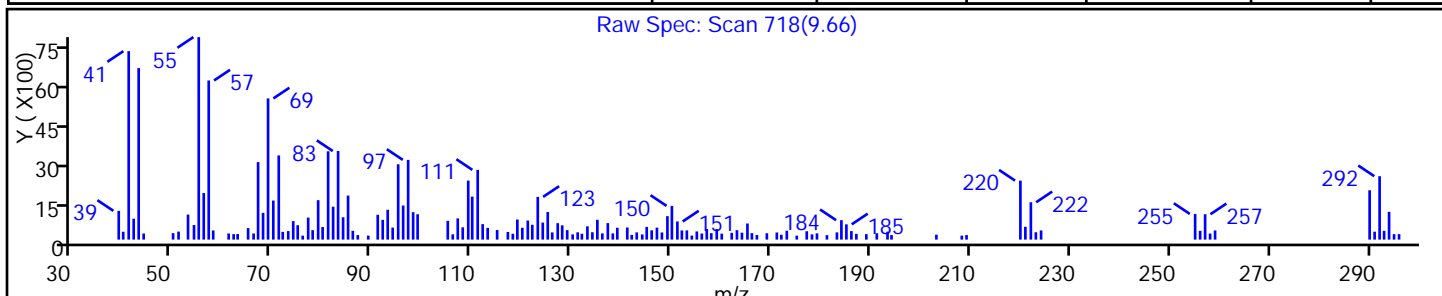
Method: 8270_4R

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	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	111735	C12H6Cl4	290	99



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: U94508.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:05
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 09:41
 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.: 212262 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	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: U94508.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:05
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 09:41
 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.: 212262 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	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	1000	J	1900	240
87-86-5	Pentachlorophenol	560	U	3800	560
129-00-0	Pyrene	260	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: U94508.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:05
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 09:41
 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.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	47		40-106
4165-62-2	Phenol-d5	63		44-104
1718-51-0	Terphenyl-d14	94		41-145
118-79-6	2,4,6-Tribromophenol	53		19-114
367-12-4	2-Fluorophenol	52		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-19SW-WT</u>	Lab Sample ID: <u>460-72180-14</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94508.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 12:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>03/13/2014 09:41</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>12.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>448100</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.80	14000	J
	Unknown alkane	6.87	9100	J
544-76-3	Hexadecane	7.89	12000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	11000	J N
	Unknown	8.18	12000	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	110000	J N
	Unknown alkane	8.54	21000	J
	Unknown	8.67	14000	J
	Unknown	8.82	33000	J
	Unknown	8.96	76000	J
629-59-4	Tetradecane	9.21	67000	J N
949-41-7	1H-Cyclopropa[1]phenanthrene, 1a, 9b-dihyd	9.39	15000	J N
	Unknown	9.45	23000	J
112-95-8	Eicosane	9.60	13000	J N
1560-89-0	Heptadecane, 2-methyl-	9.87	18000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D
 Lims ID: 460-72180-E-14-A Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 09:41:30 ALS Bottle#: 19 Worklist Smp#: 19
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-019
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha

Date: 13-Mar-2014 11:16:21

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.122	3.126	-0.004	91	32503	5.21	
\$ 6 Phenol-d5	99	4.030	4.072	-0.042	67	47163	6.26	
* 13 1,4-Dichlorobenzene-d4	152	4.403	4.423	-0.021	96	142548	40.0	
\$ 25 Nitrobenzene-d5	82	4.950	4.984	-0.034	94	36076	4.68	
* 35 Naphthalene-d8	136	5.683	5.696	-0.013	100	625793	40.0	
\$ 48 2-Fluorobiphenyl	172	6.764	6.780	-0.016	77	63023	8.22	
* 61 Acenaphthene-d10	164	7.432	7.444	-0.012	87	224623	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.216	8.223	-0.007	31	4536	5.25	
* 83 Phenanthrene-d10	188	8.891	8.909	-0.018	97	305277	40.0	
84 Phenanthrene	178	8.913	8.932	-0.019	81	23283	2.74	
90 Pyrene	202	10.295	10.312	-0.017	89	3755	0.6804	
\$ 91 Terphenyl-d14	244	10.452	10.464	-0.012	97	38119	9.40	
* 96 Chrysene-d12	240	11.651	11.672	-0.021	99	174581	40.0	
* 103 Perylene-d12	264	13.563	13.590	-0.027	97	159149	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D
 Lims ID: 460-72180-E-14-A Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 09:41:30 ALS Bottle#: 19 Worklist Smp#: 19
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-019
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha Date: 13-Mar-2014 11:16:21

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
			Unknown					
2.798	911636	36.5	13					
			Unknown alkane					
6.868	2572535	23.9	61	0	0		0	M
	544-76-3		Hexadecane					
7.891	3524946	32.7	61	96	73964	C16H34	226	M
	3892-00-0		Pentadecane, 2,6,10-trimethyl-					
8.104	3227146	29.9	61	91	91053	C18H38	254	M
			Unknown					
8.183	695114	31.5	83					M
	54105-67-8		Heptadecane, 2,6-dimethyl-					
8.374	6288680	285.3	83	91	99490	C19H40	268	M
			Unknown alkane					
8.542	1217778	55.2	83	0	0		0	M
			Unknown					
8.666	812801	36.9	83					M
			Unknown					
8.823	1907031	86.5	83					M
			Unknown					
8.959	4407832	200.0	83					
	629-59-4		Tetradecane					
9.206	3860483	175.1	83	95	55007	C14H30	198	
	949-41-7		1H-Cyclopropa[1]phenanthrene,1a,9b-dihyd					
9.386	889443	40.4	83	90	50641	C15H12	192	M

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
9.454	1304014	59.2	83					
	112-95-8							
	Eicosane							
9.600	761031	34.5	83	96	107652	C20H42	282	M
	1560-89-0							
	Heptadecane, 2-methyl-							
9.870	1044524	47.4	83	86	91044	C18H38	254	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.403	998225	40.0
* 61 Acenaphthene-d10	7.432	4310481	40.0
* 83 Phenanthrene-d10	8.891	881701	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Worklist Smp#: 19

Client ID: PMP-19SW-WT

Injection Vol: 1.0 ul

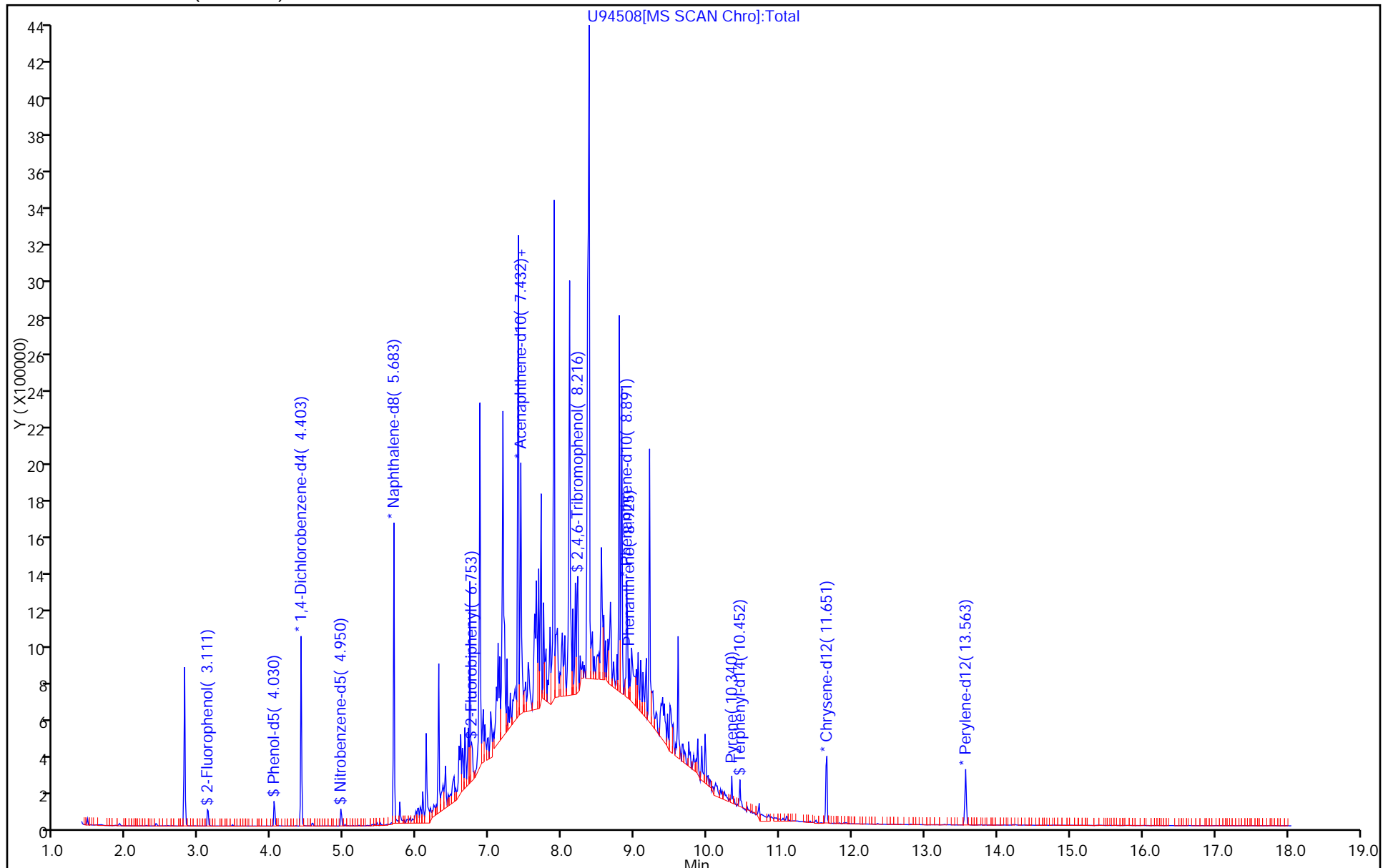
Dil. Factor: 5.0000

ALS Bottle#: 19

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

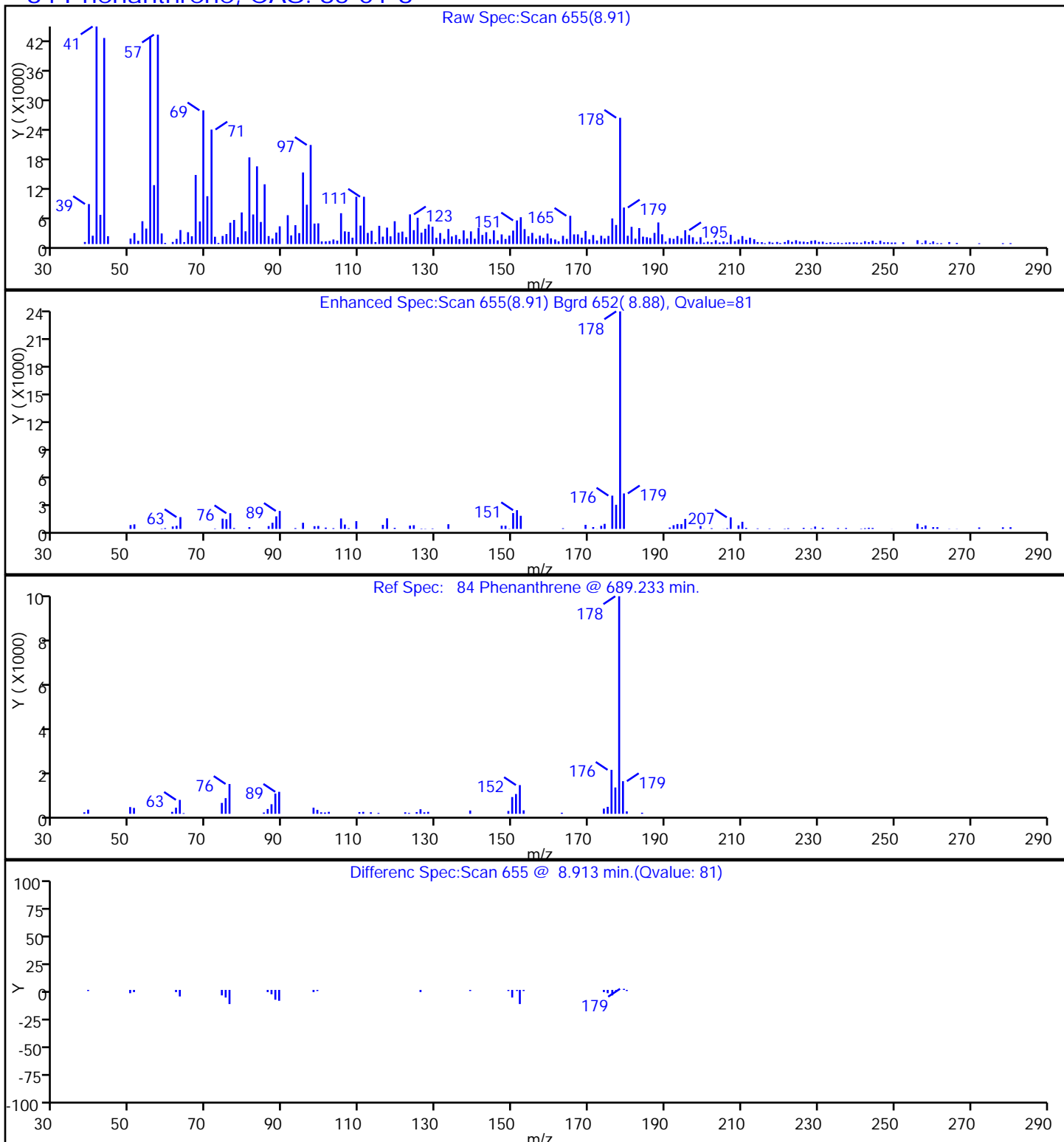
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

84 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

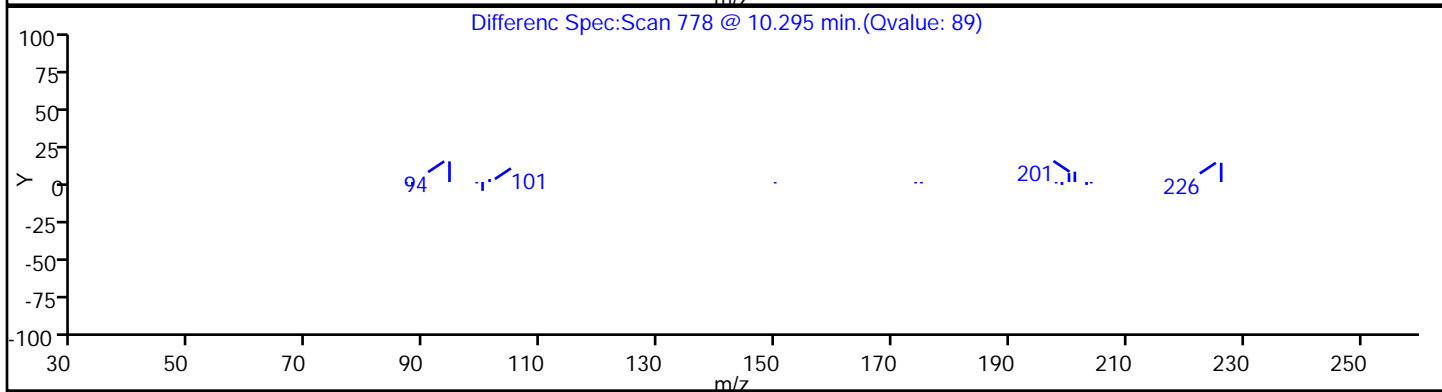
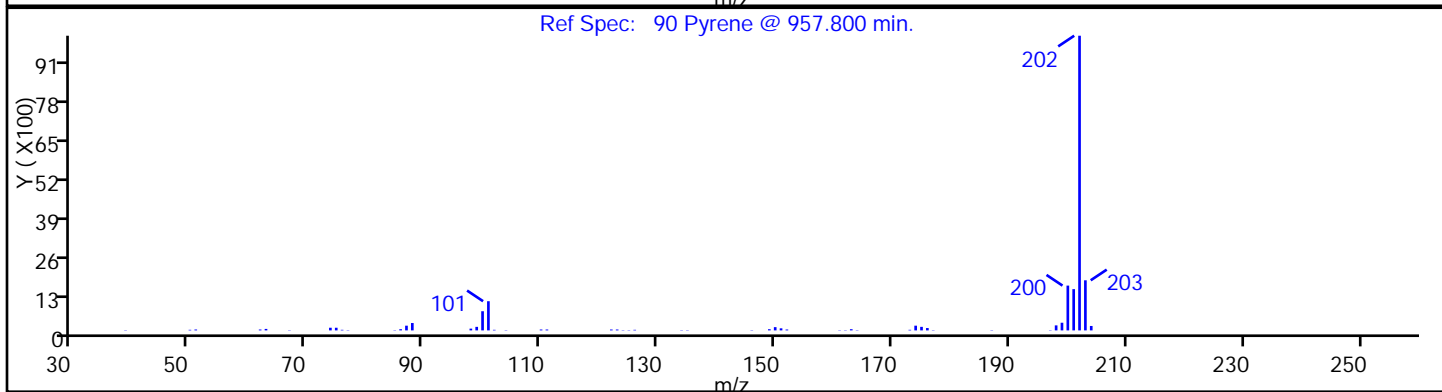
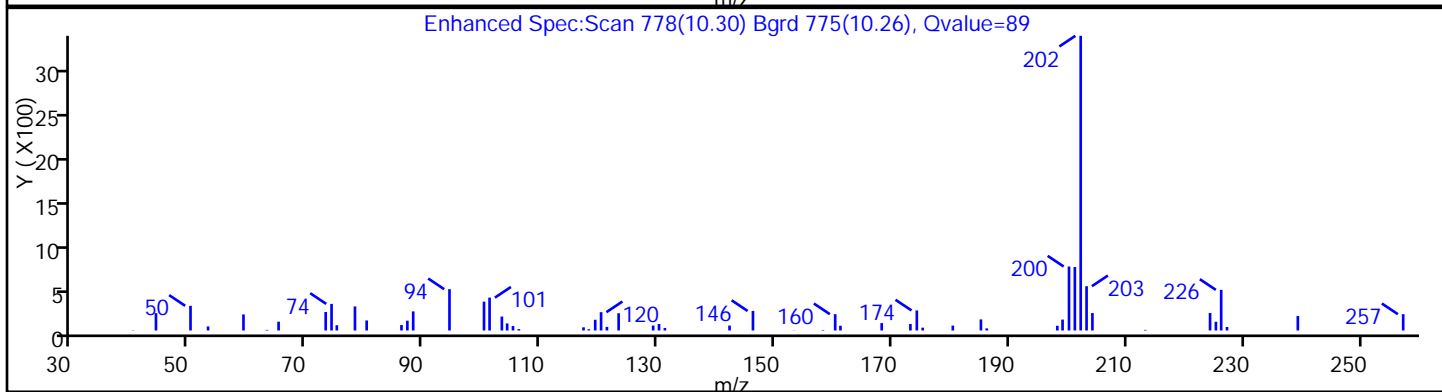
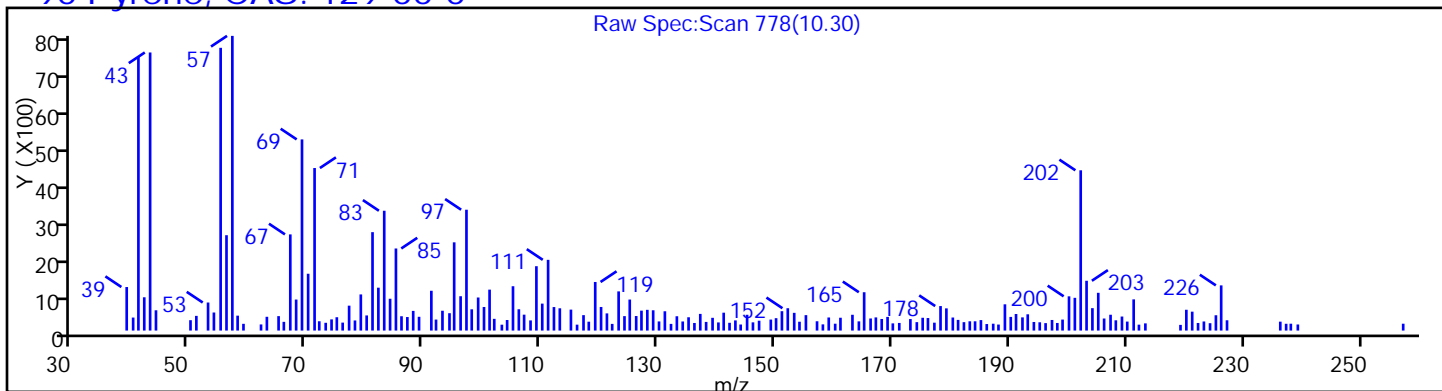
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

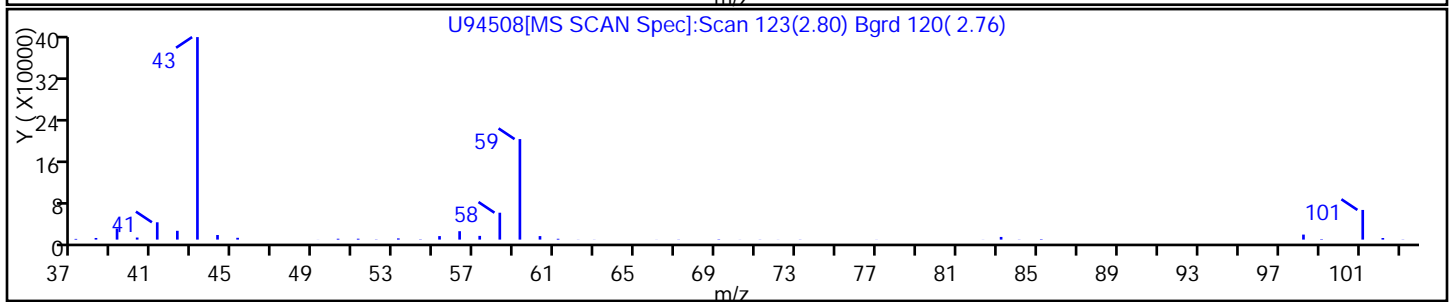
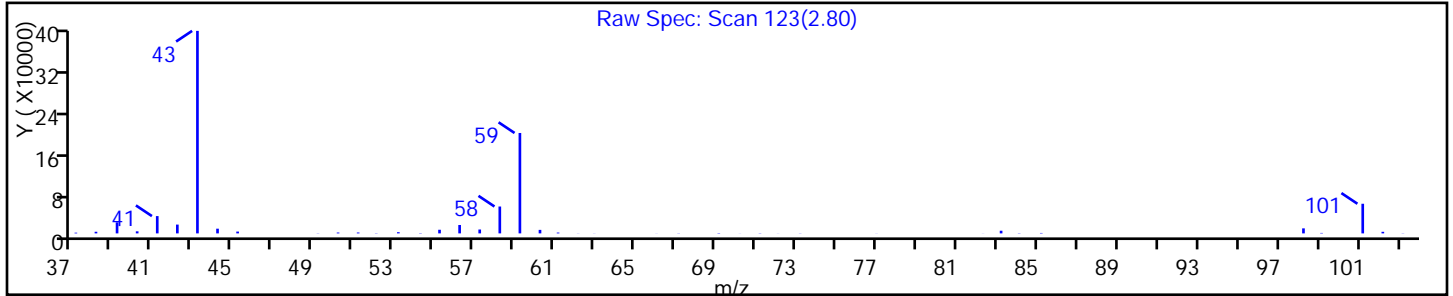
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

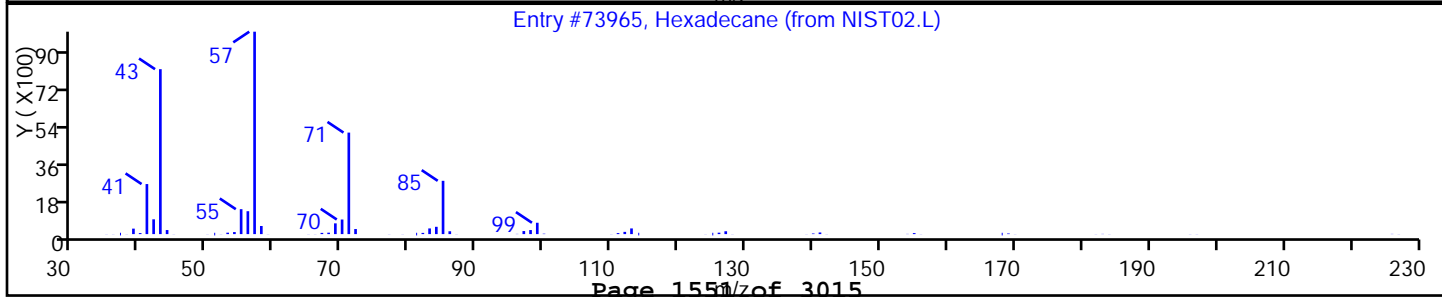
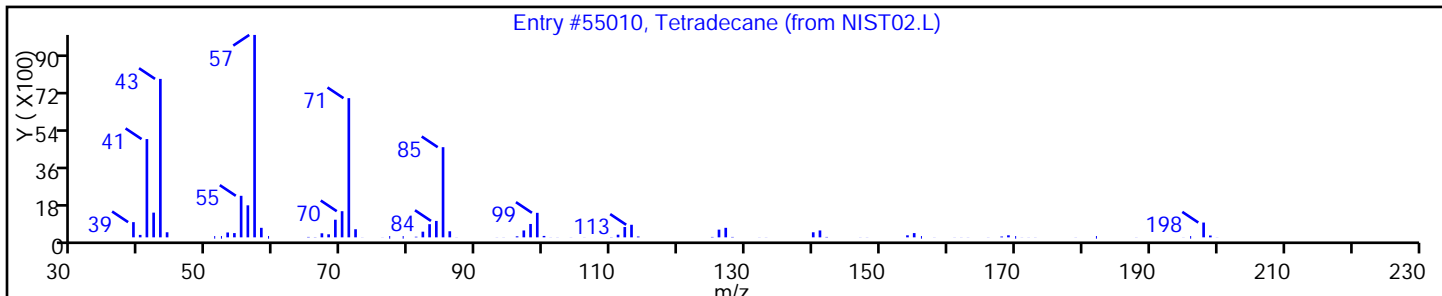
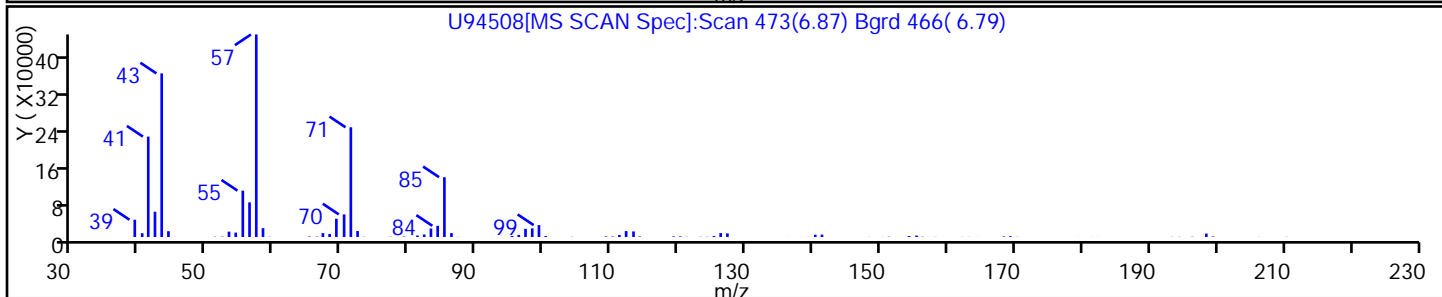
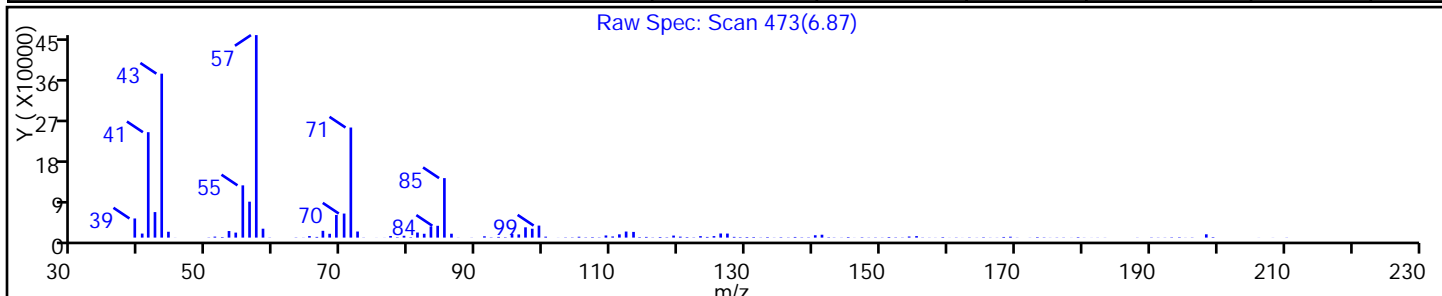
Method: 8270_4R

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	73965	C16H34	226	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

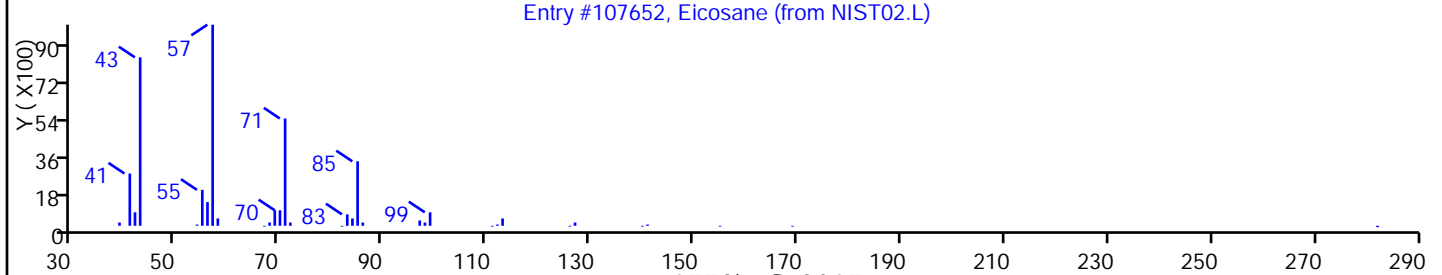
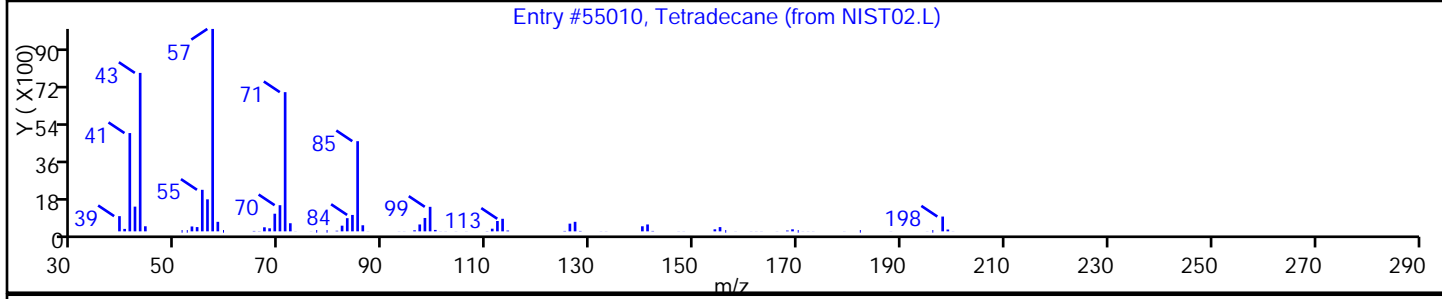
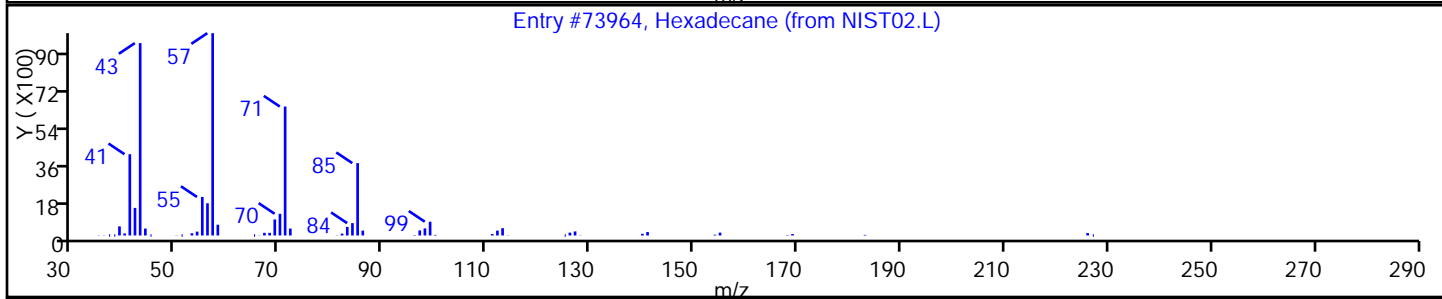
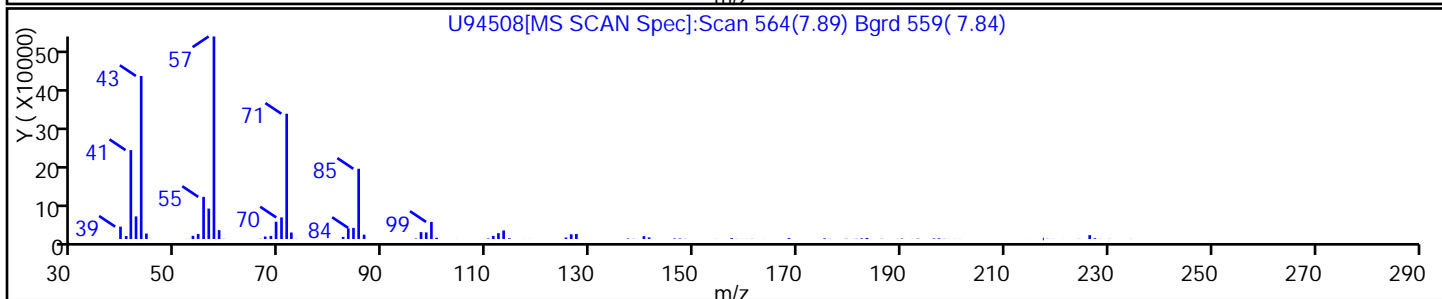
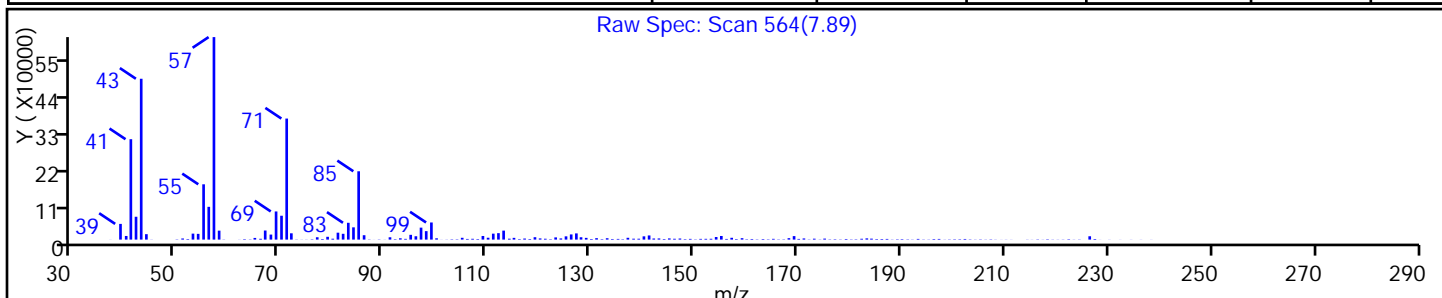
Method: 8270_4R

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	96
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	93
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

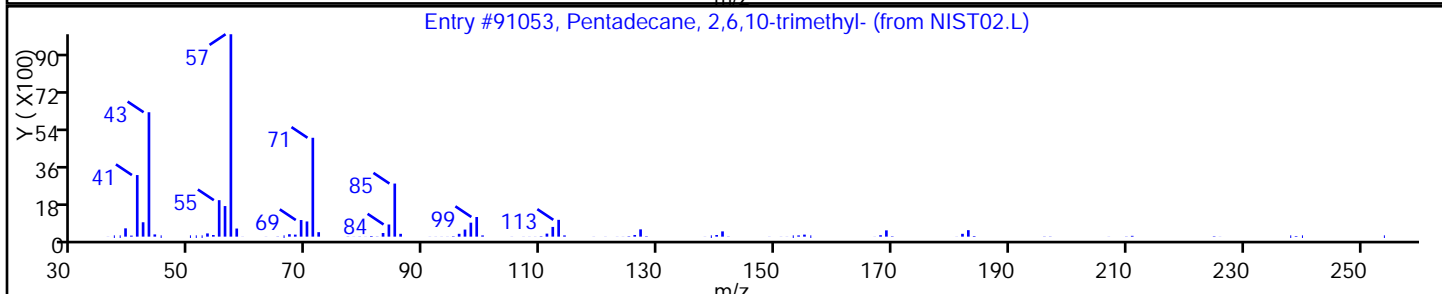
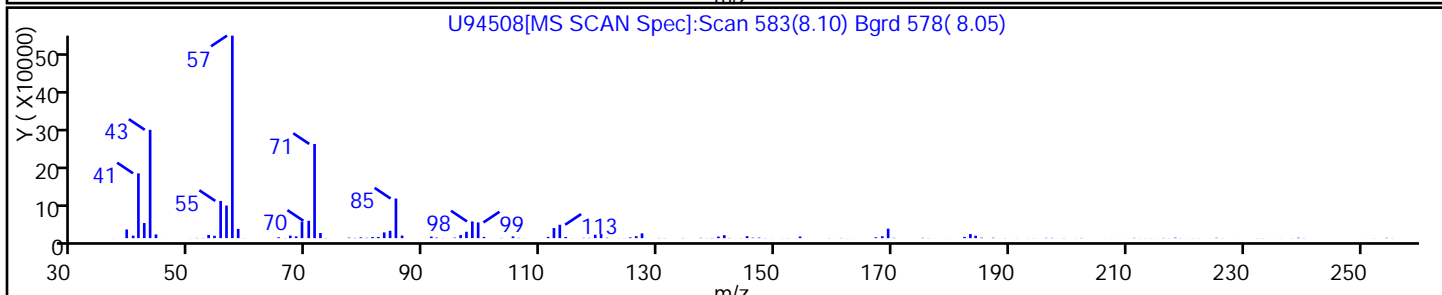
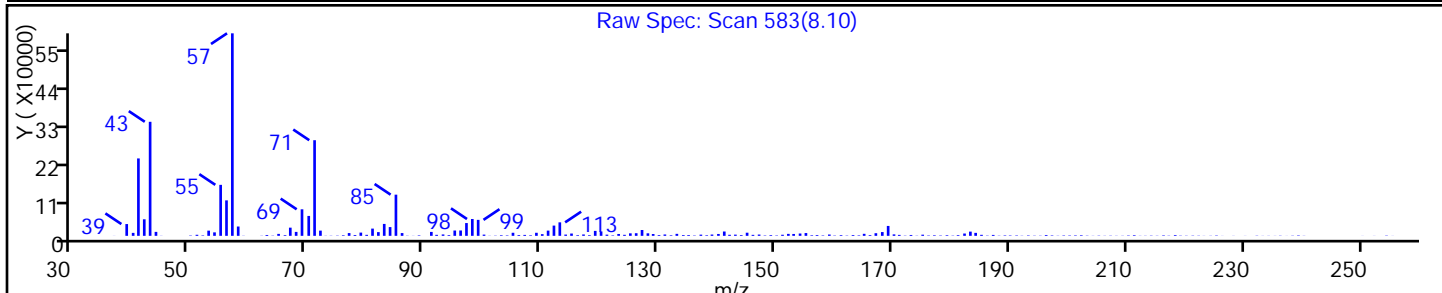
Method: 8270_4R

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



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#:

Worklist Smp#: 19

Injection Vol: 1.0 ul

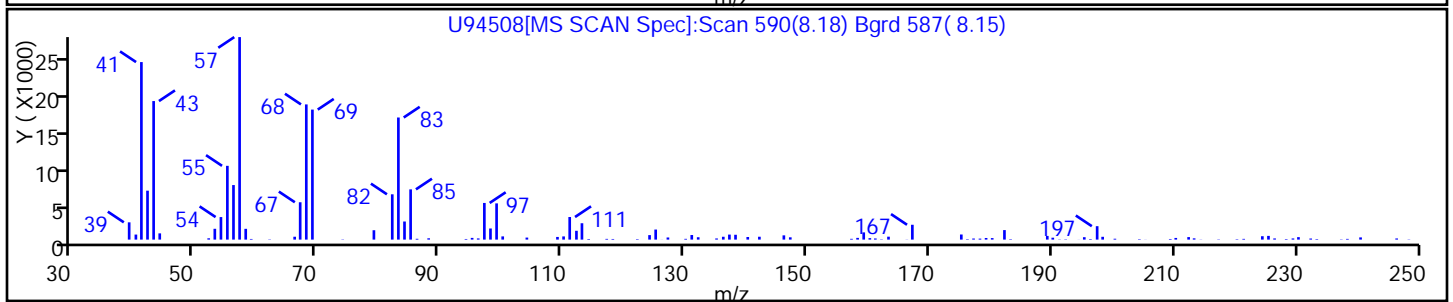
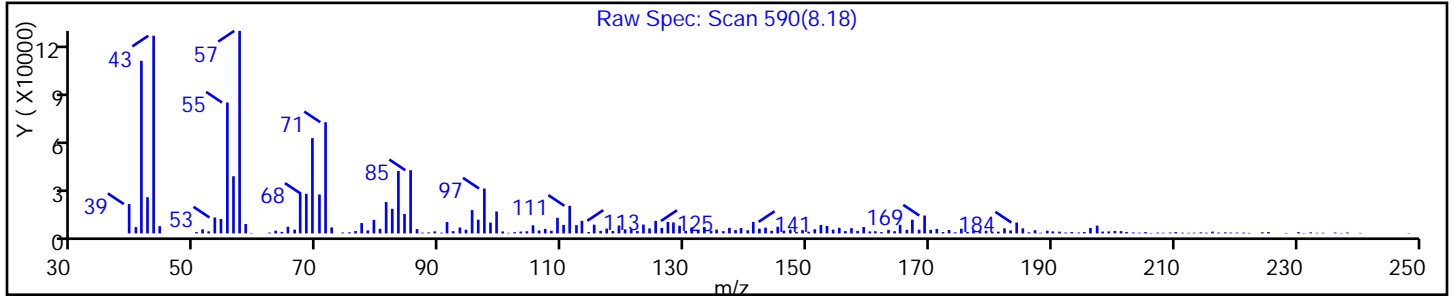
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector: MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

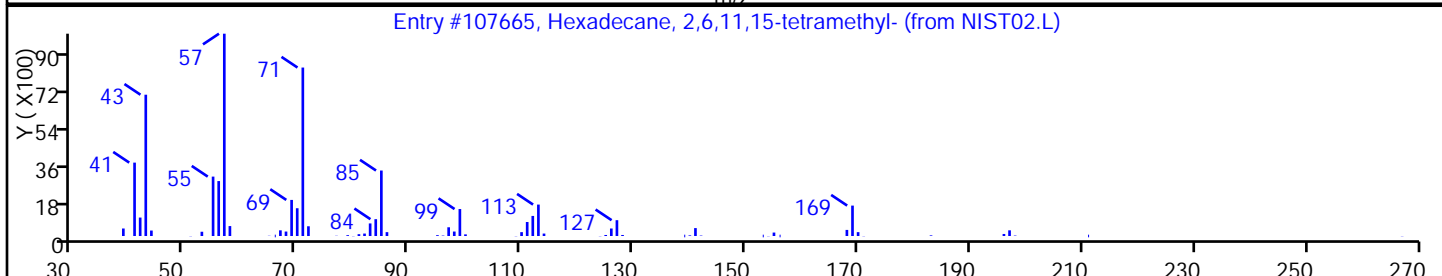
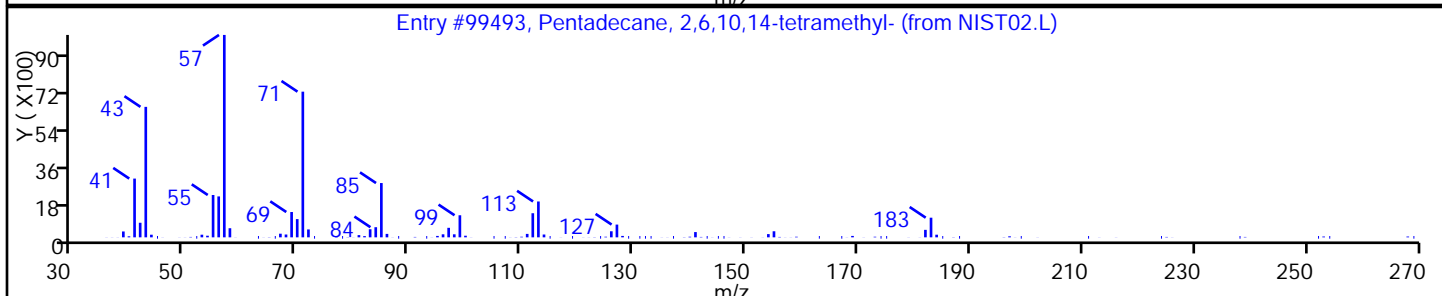
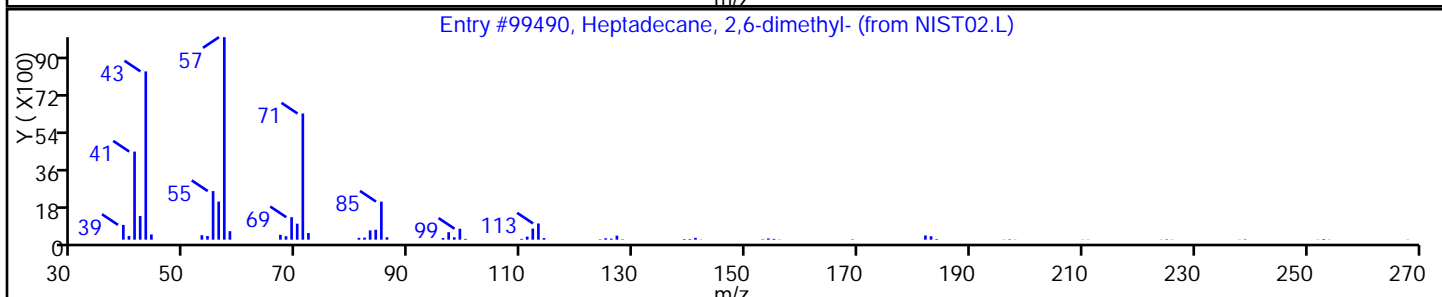
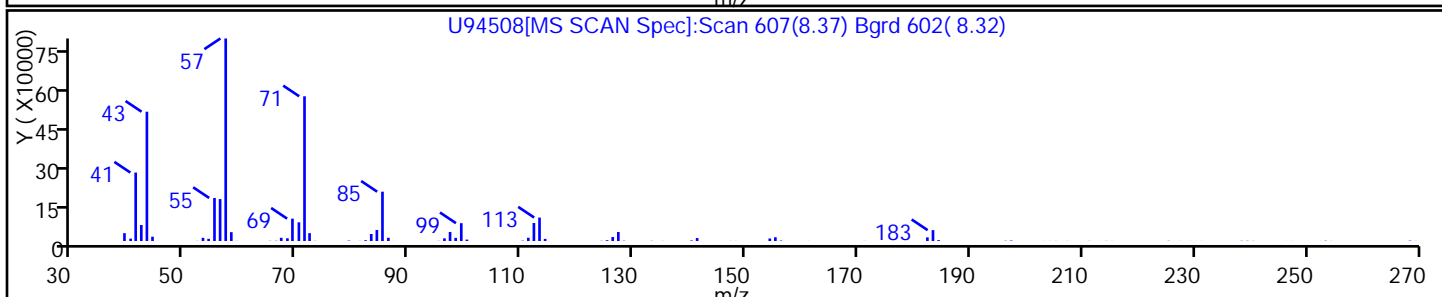
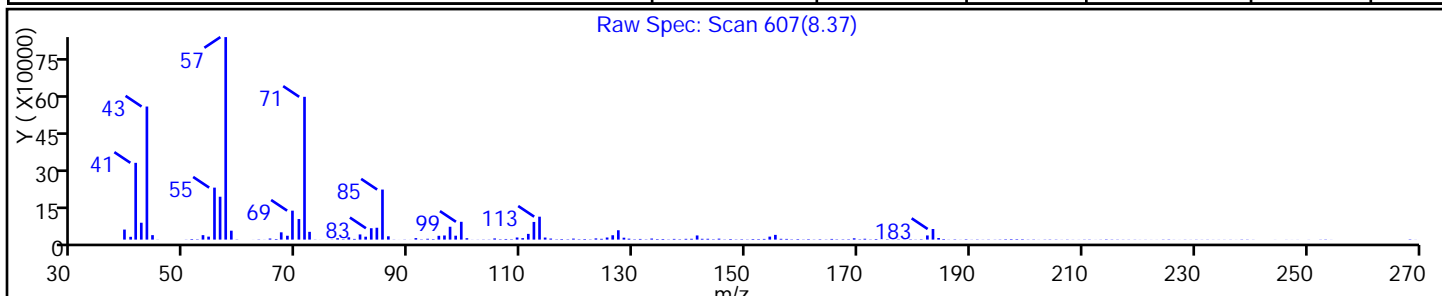
Method: 8270_4R

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
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	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

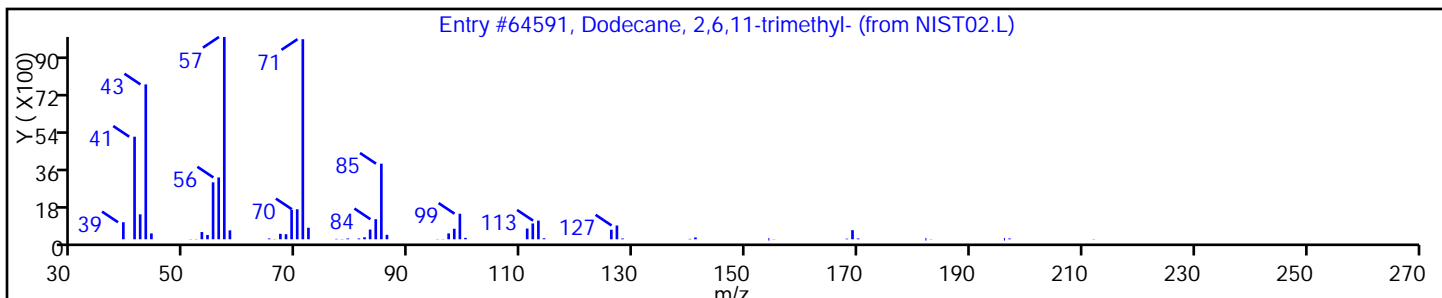
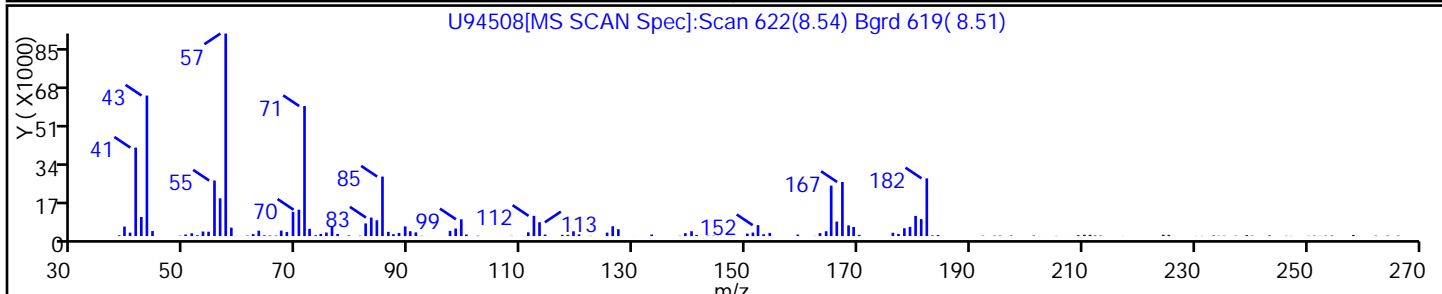
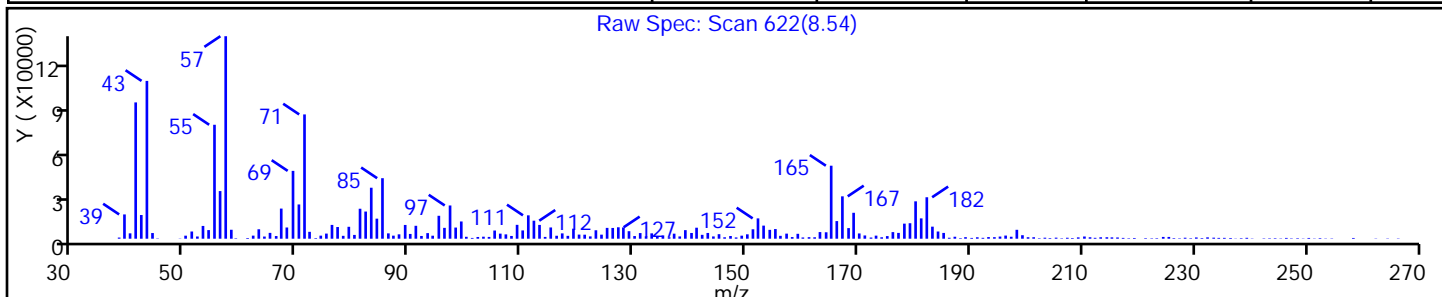
Method: 8270_4R

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, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	84



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

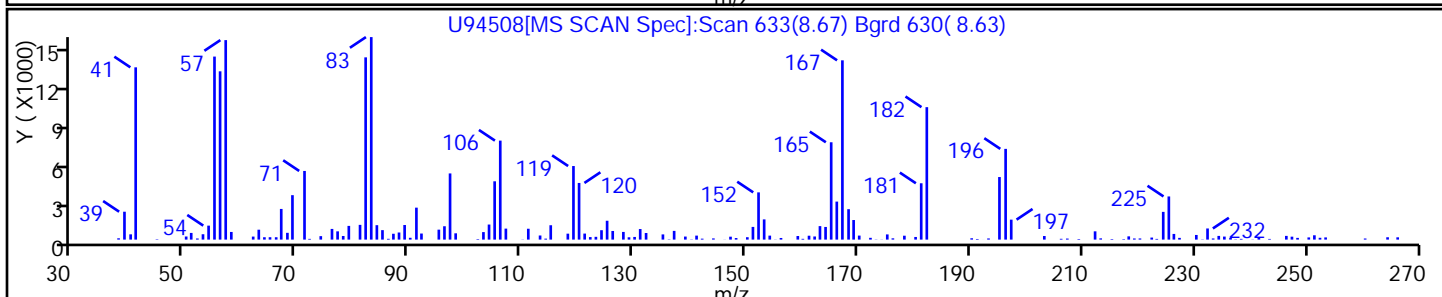
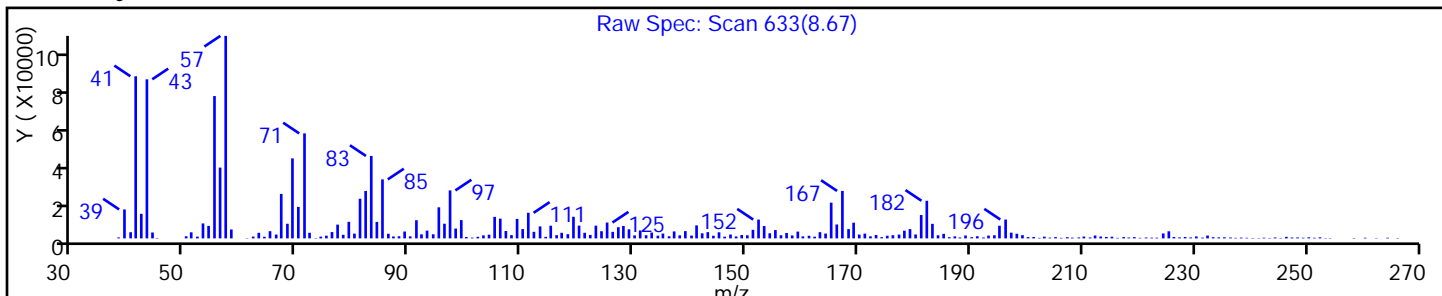
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#:

19

Worklist Smp#:

19

Injection Vol: 1.0 ul

Dil. Factor:

5.0000

Method: 8270_4R

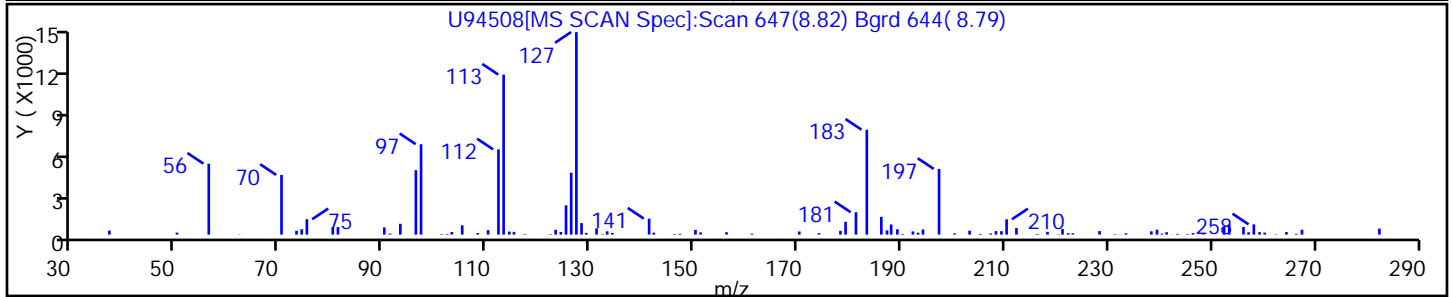
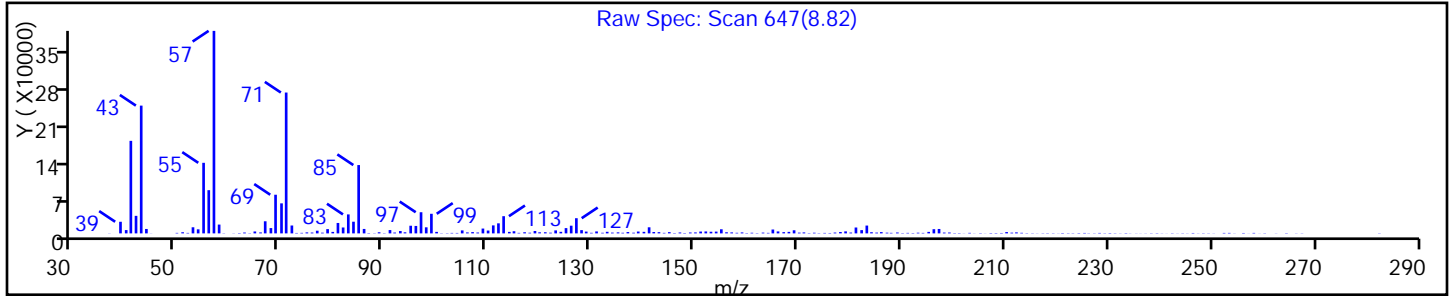
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#:

19

Worklist Smp#:

19

Injection Vol: 1.0 ul

Dil. Factor:

5.0000

Method: 8270_4R

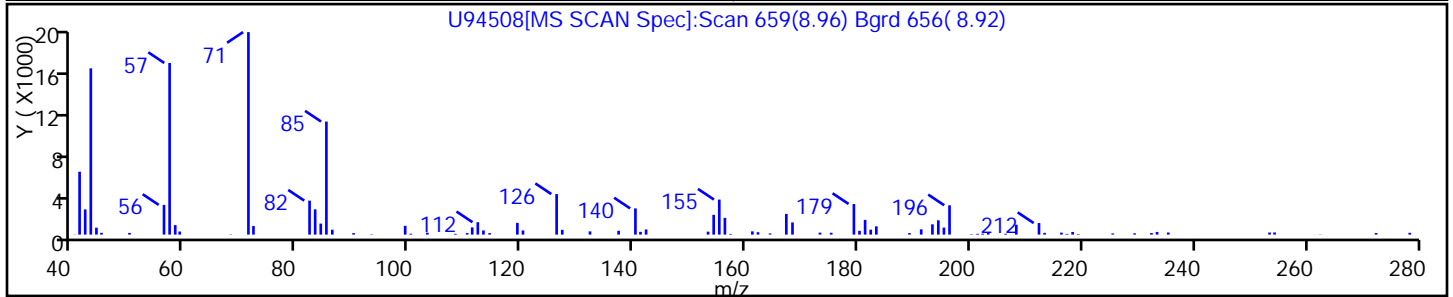
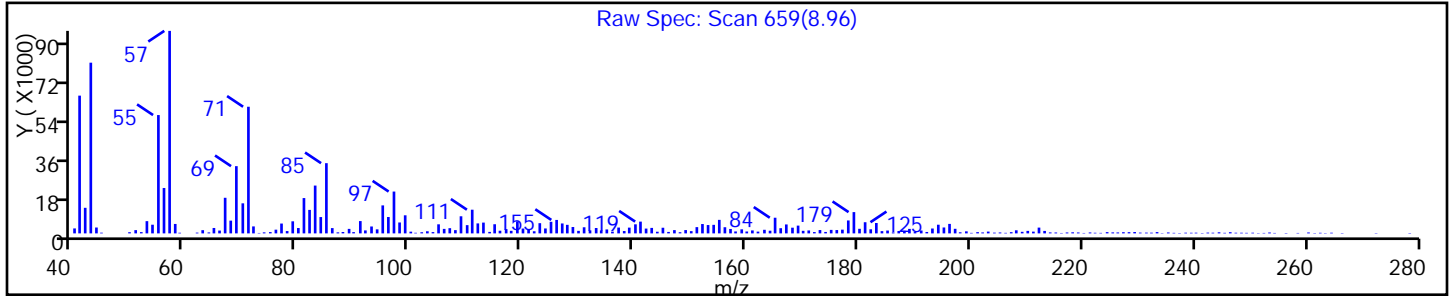
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

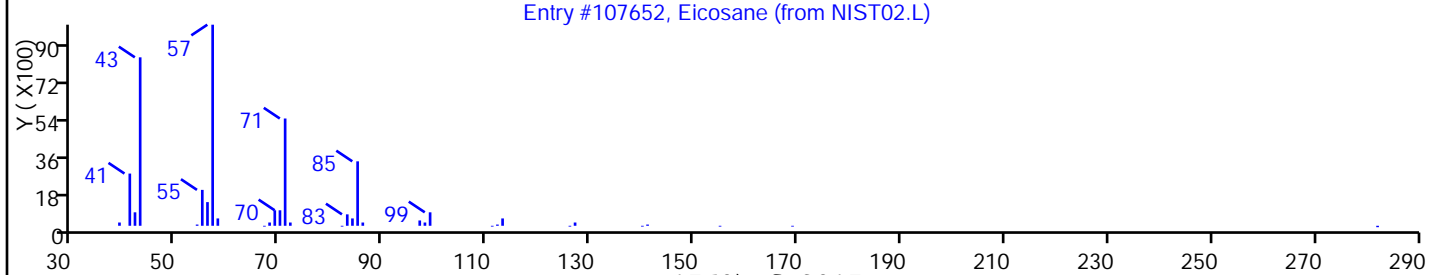
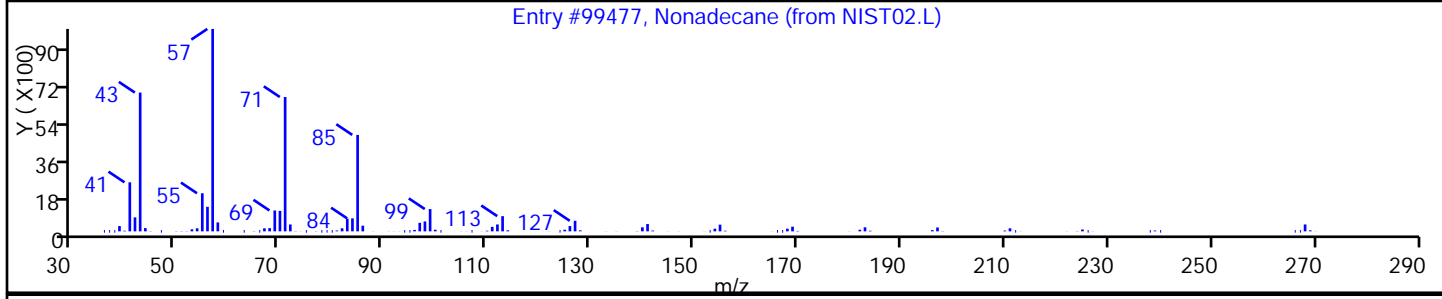
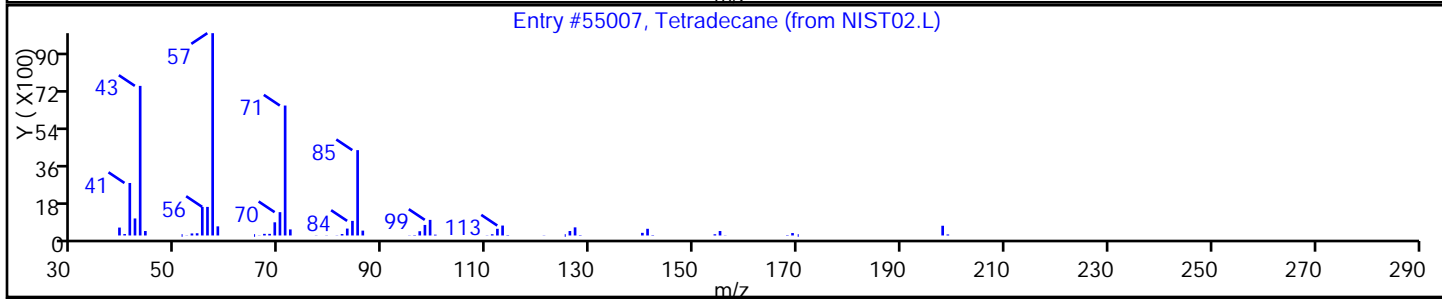
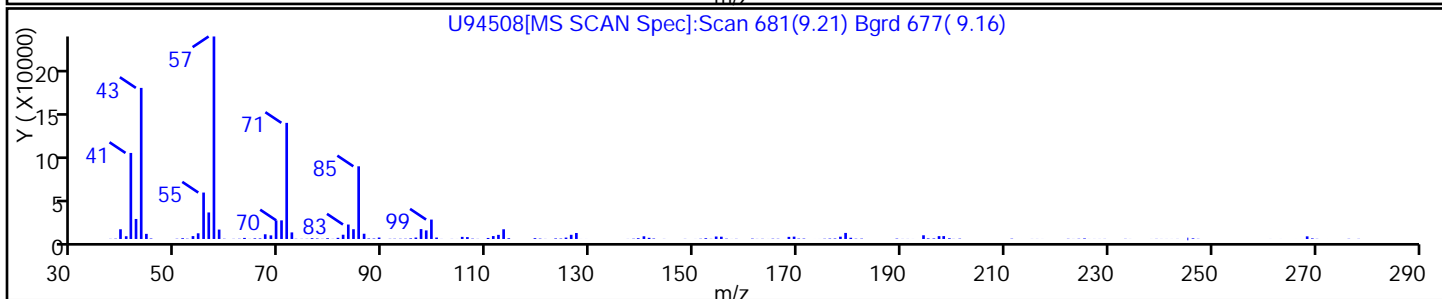
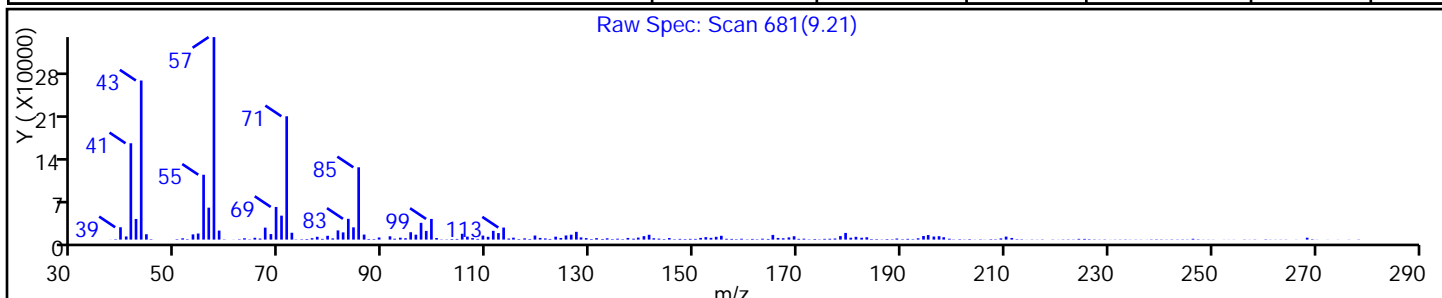
Method: 8270_4R

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
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

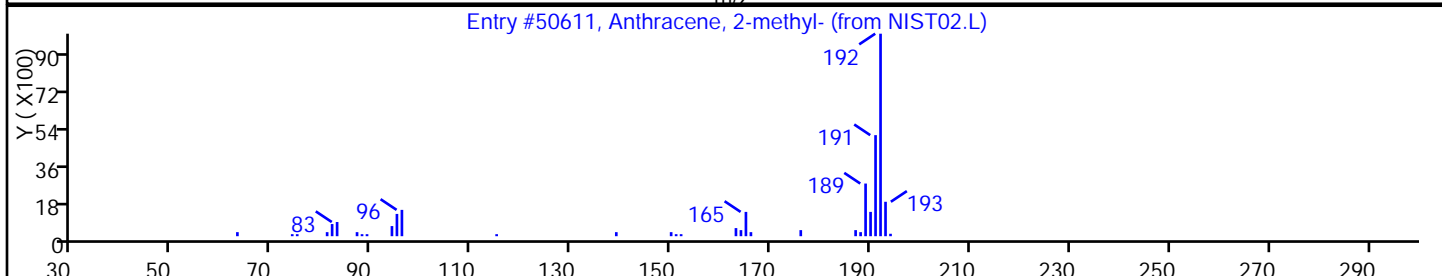
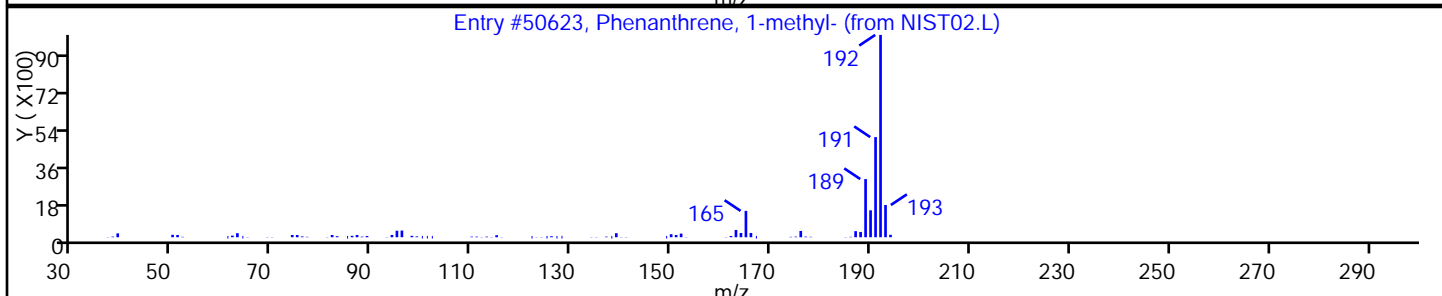
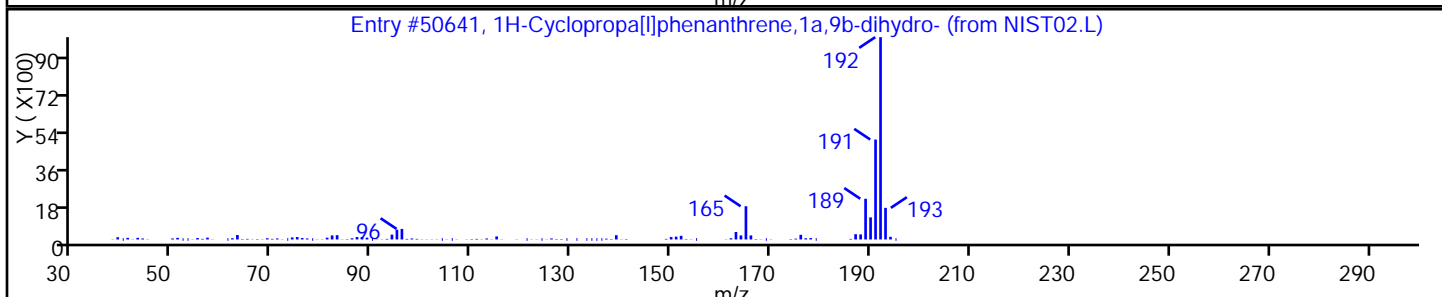
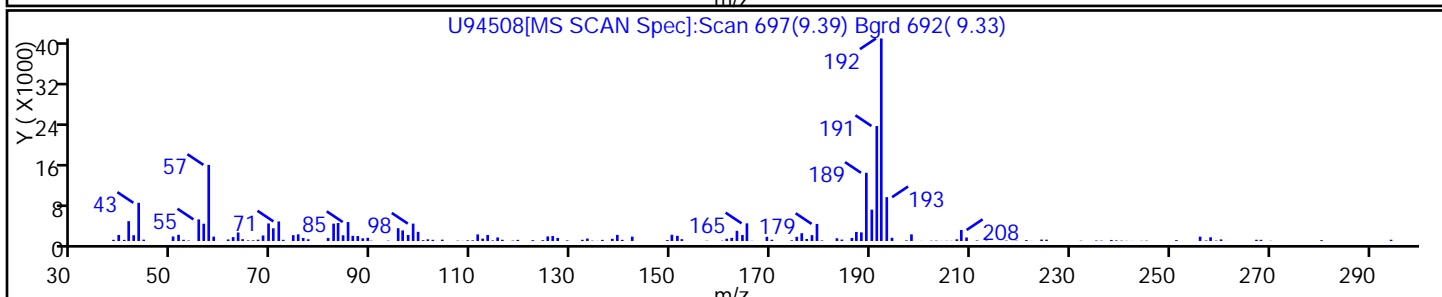
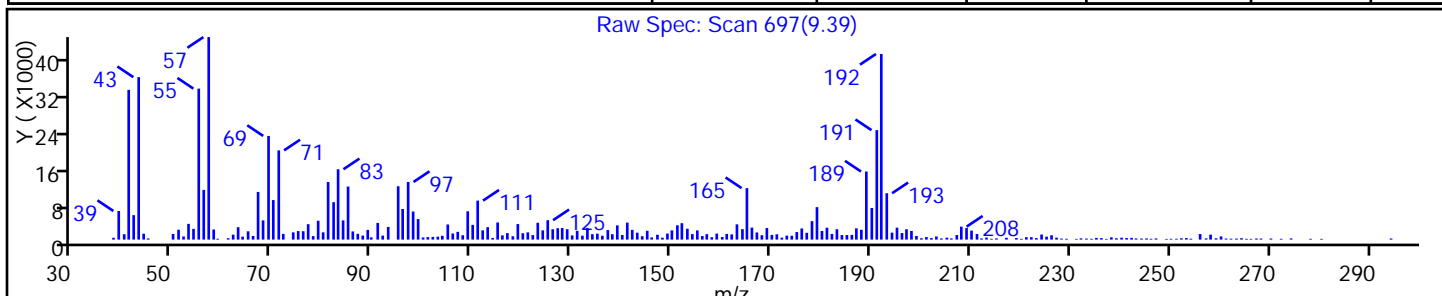
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Cyclopropa[<i>l</i>]phenanthrene,1a,9b-dihyd	949-41-7	NIST02.L	50641	C15H12	192	90
Phenanthrene, 1-methyl-	832-69-9	NIST02.L	50623	C15H12	192	90
Anthracene, 2-methyl-	613-12-7	NIST02.L	50611	C15H12	192	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#:

19

Worklist Smp#:

19

Injection Vol: 1.0 ul

Dil. Factor:

5.0000

Method: 8270_4R

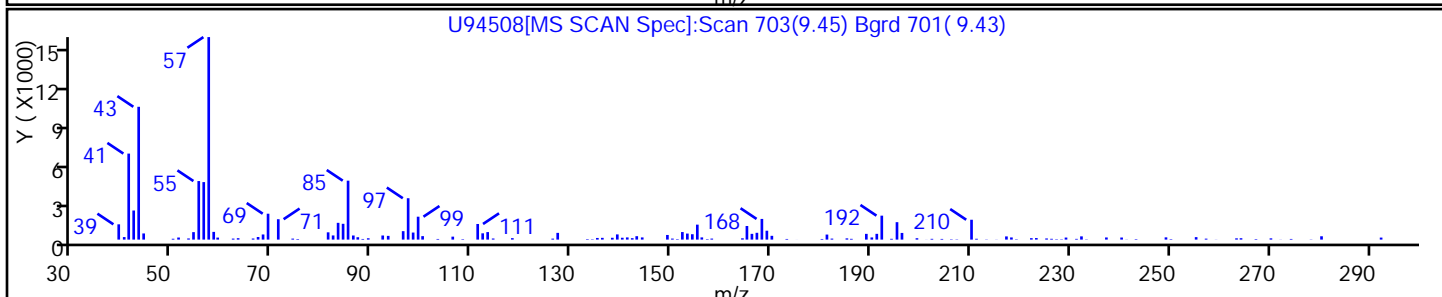
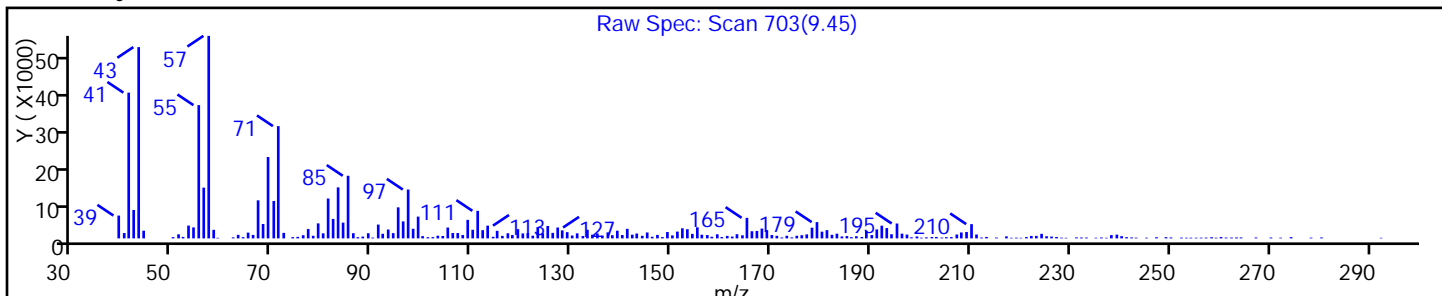
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

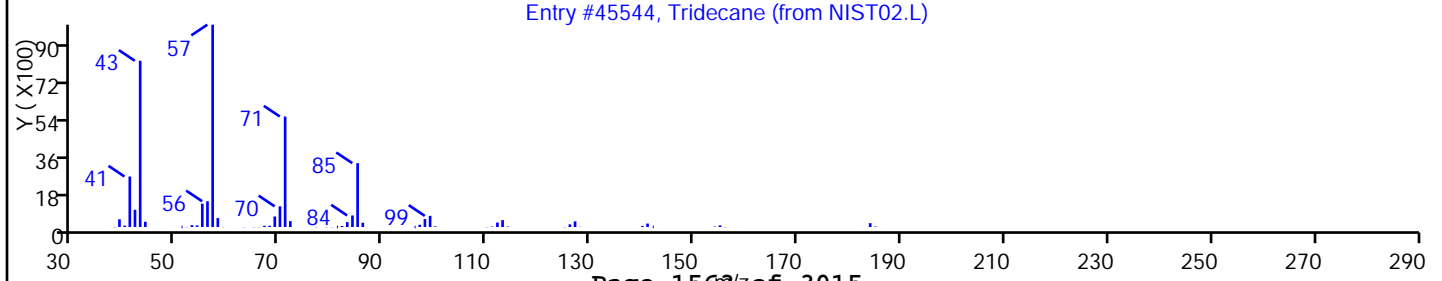
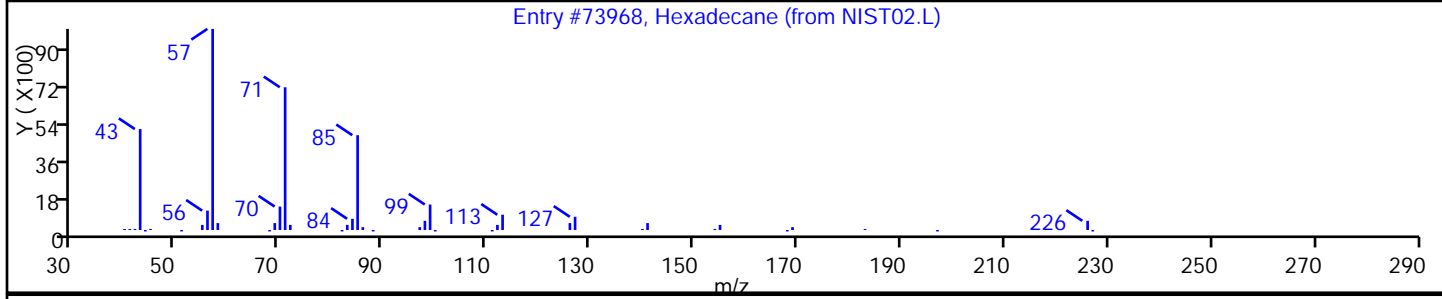
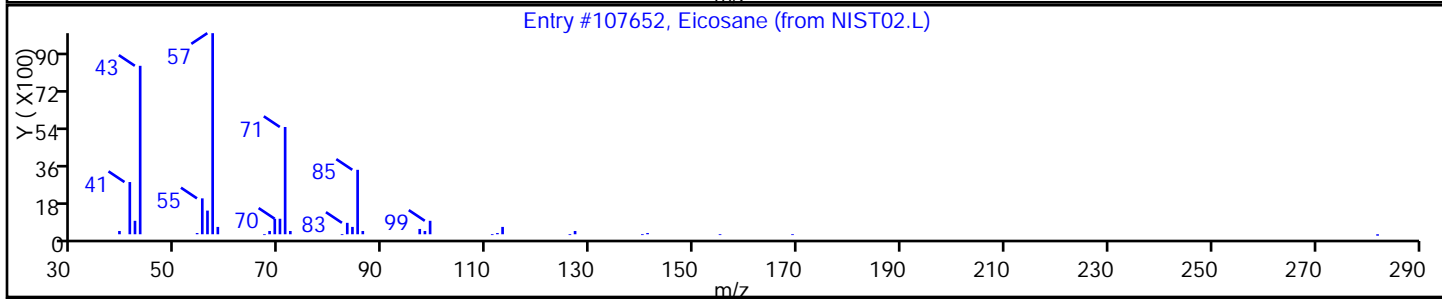
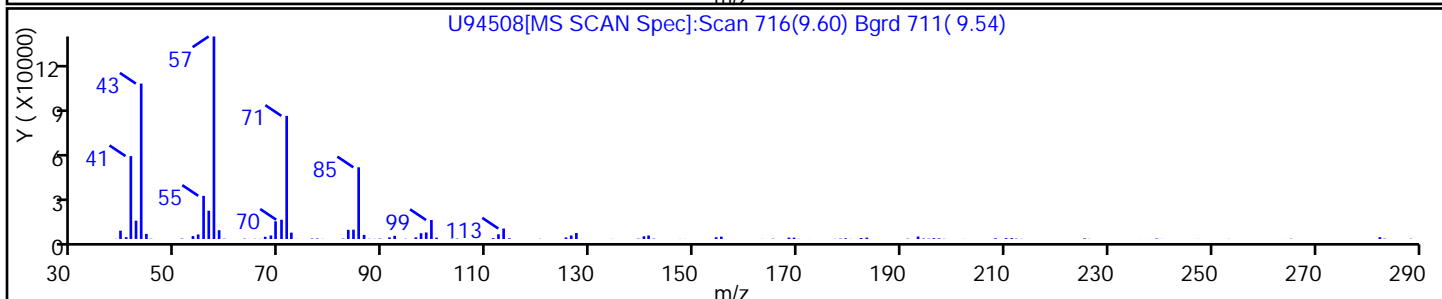
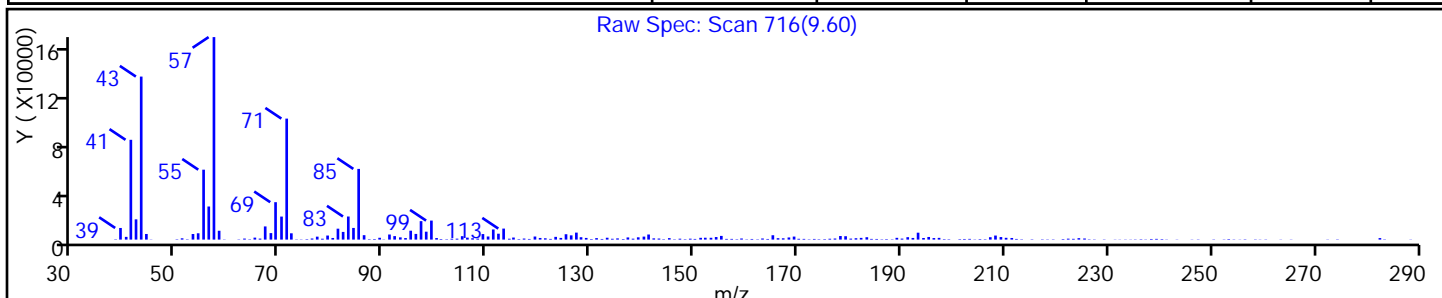
Method: 8270_4R

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	96
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	95
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94508.D

Injection Date: 13-Mar-2014 09:41:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 19

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

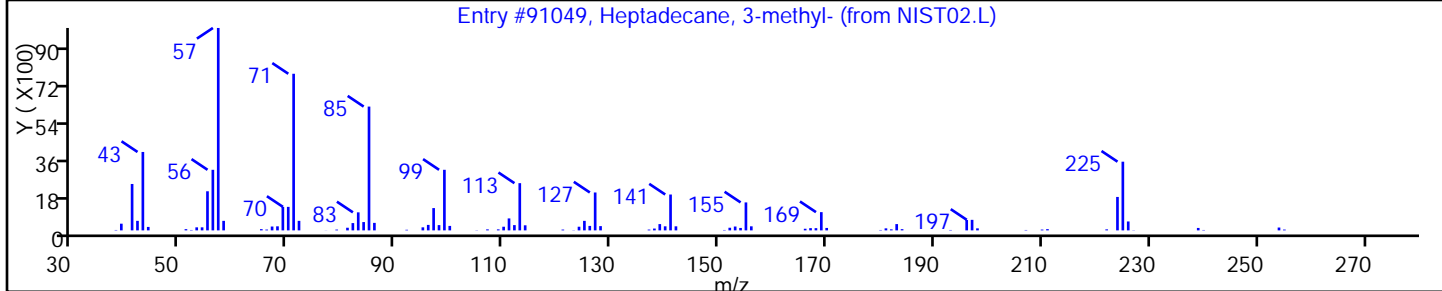
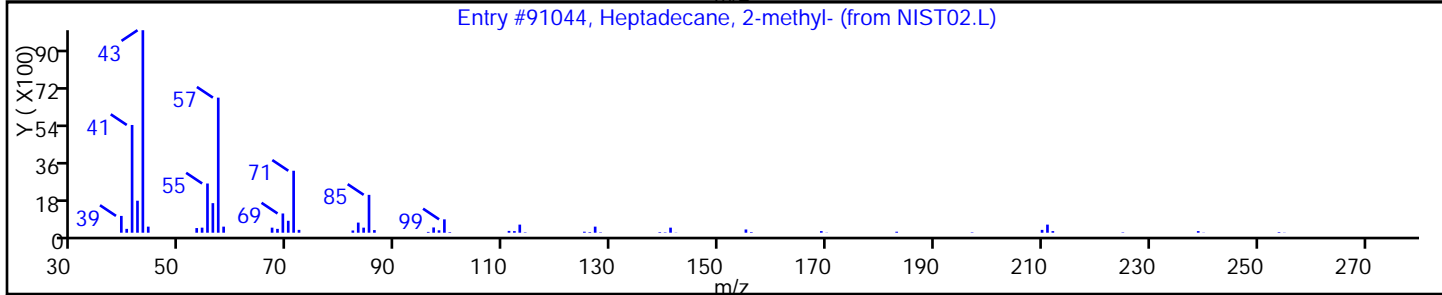
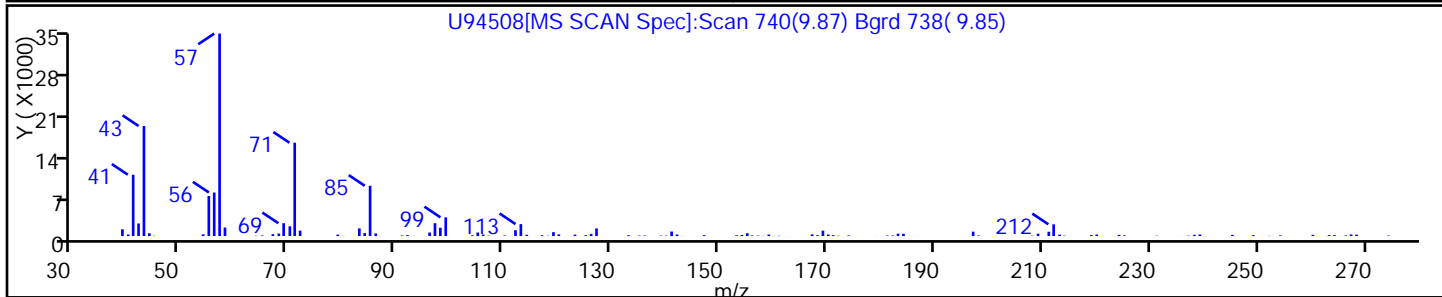
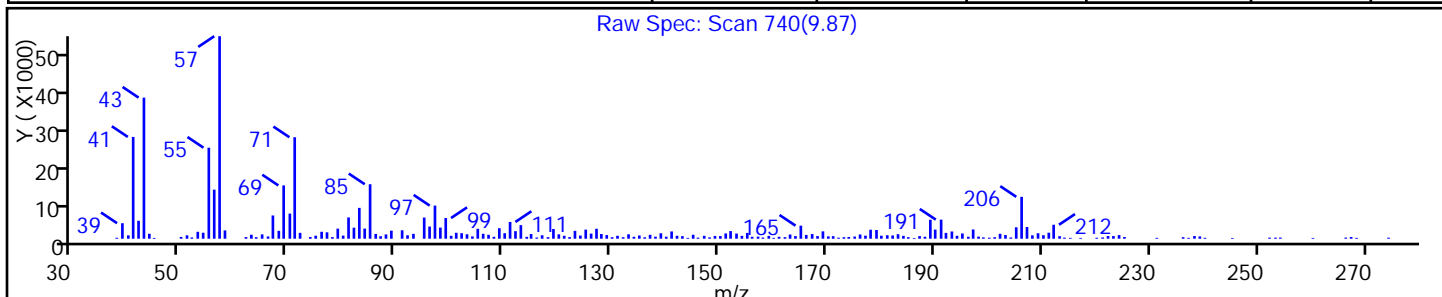
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2-methyl-	1560-89-0	NIST02.L	91044	C18H38	254	86
Heptadecane, 3-methyl-	6418-44-6	NIST02.L	91049	C18H38	254	81



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: U94484.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:10
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:22
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	390	52
95-57-8	2-Chlorophenol	51	U	390	51
95-48-7	2-Methylphenol	66	U	390	66
106-44-5	4-Methylphenol	76	U	390	76
100-52-7	Benzaldehyde	46	U	390	46
98-86-2	Acetophenone	60	U	390	60
111-44-4	Bis(2-chloroethyl) ether	5.3	U	39	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	43	U	390	43
621-64-7	N-Nitrosodi-n-propylamine	6.5	U	39	6.5
98-95-3	Nitrobenzene	5.5	U *	39	5.5
67-72-1	Hexachloroethane	4.3	U	39	4.3
78-59-1	Isophorone	47	U	390	47
88-75-5	2-Nitrophenol	43	U	390	43
105-67-9	2,4-Dimethylphenol	96	U	390	96
120-83-2	2,4-Dichlorophenol	57	U	390	57
111-91-1	Bis(2-chloroethoxy)methane	50	U	390	50
91-20-3	Naphthalene	45	U	390	45
106-47-8	4-Chloroaniline	100	U	390	100
87-68-3	Hexachlorobutadiene	9.5	U	79	9.5
105-60-2	Caprolactam	89	U	390	89
59-50-7	4-Chloro-3-methylphenol	59	U	390	59
91-57-6	2-Methylnaphthalene	50	U	390	50
118-74-1	Hexachlorobenzene	5.3	U	39	5.3
77-47-4	Hexachlorocyclopentadiene	46	U	390	46
88-06-2	2,4,6-Trichlorophenol	45	U	390	45
95-95-4	2,4,5-Trichlorophenol	50	U	390	50
92-52-4	Diphenyl	52	U	390	52
91-58-7	2-Chloronaphthalene	43	U	390	43
88-74-4	2-Nitroaniline	160	U	790	160
606-20-2	2,6-Dinitrotoluene	12	U	79	12
131-11-3	Dimethyl phthalate	46	U	390	46
208-96-8	Acenaphthylene	46	U	390	46
99-09-2	3-Nitroaniline	140	U	790	140
83-32-9	Acenaphthene	57	U	390	57

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: U94484.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:10
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:22
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	46	U	390	46
84-66-2	Diethyl phthalate	46	U	390	46
86-73-7	Fluorene	50	U	390	50
206-44-0	Fluoranthene	52	U	390	52
84-74-2	Di-n-butyl phthalate	48	U	390	48
121-14-2	2,4-Dinitrotoluene	13	U	79	13
7005-72-3	4-Chlorophenyl phenyl ether	46	U	390	46
100-01-6	4-Nitroaniline	120	U	790	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	38	U	390	38
1912-24-9	Atrazine	60	U	390	60
120-12-7	Anthracene	47	U	390	47
86-74-8	Carbazole	46	U	390	46
85-01-8	Phenanthrene	49	U	390	49
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	32	U	390	32
218-01-9	Chrysene	45	U	390	45
207-08-9	Benzo[k]fluoranthene	2.9	U	39	2.9
191-24-2	Benzo[g,h,i]perylene	29	U	390	29
205-99-2	Benzo[b]fluoranthene	2.5	U	39	2.5
50-32-8	Benzo[a]pyrene	2.7	U	39	2.7
56-55-3	Benzo[a]anthracene	2.7	U	39	2.7
86-30-6	N-Nitrosodiphenylamine	38	U	390	38
85-68-7	Butyl benzyl phthalate	36	U	390	36
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	390	130
117-84-0	Di-n-octyl phthalate	25	U	390	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.2	U	39	7.2
53-70-3	Dibenz(a,h)anthracene	4.9	U	39	4.9
91-94-1	3,3'-Dichlorobenzidine	140	U	790	140
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	390	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: U94484.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:10
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:22
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		40-106
4165-62-2	Phenol-d5	82		44-104
1718-51-0	Terphenyl-d14	116		41-145
118-79-6	2,4,6-Tribromophenol	91		19-114
367-12-4	2-Fluorophenol	61		39-103
321-60-8	2-Fluorobiphenyl	58		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-19SW-SI</u>	Lab Sample ID: <u>460-72180-15</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94484.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 12:10</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>03/12/2014 14:22</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212014</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Tentatively Identified Compound		None	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94484.D
 Lims ID: 460-72180-E-15-A Lab Sample ID: 460-72180-15
 Client ID: PMP-19SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:22:30 ALS Bottle#: 25 Worklist Smp#: 25
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-025
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: 12-Mar-2014 16:09:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.145	3.121	0.024	86	182267	30.5	
\$ 6 Phenol-d5	99	4.064	4.068	-0.004	73	295797	40.9	
* 13 1,4-Dichlorobenzene-d4	152	4.426	4.410	0.016	98	136782	40.0	
\$ 25 Nitrobenzene-d5	82	4.970	4.977	-0.007	94	206825	27.7	
* 35 Naphthalene-d8	136	5.693	5.690	0.003	100	606285	40.0	
\$ 48 2-Fluorobiphenyl	172	6.770	6.765	0.005	98	310289	28.8	
* 61 Acenaphthene-d10	164	7.447	7.436	0.011	92	315987	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.215	8.219	-0.004	81	55016	45.3	
* 83 Phenanthrene-d10	188	8.904	8.891	0.013	98	521909	40.0	
\$ 91 Terphenyl-d14	244	10.470	10.465	0.005	97	305459	57.9	
* 96 Chrysene-d12	240	11.658	11.661	-0.003	95	227123	40.0	
* 103 Perylene-d12	264	13.588	13.580	0.008	98	191819	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94484.D

Injection Date: 12-Mar-2014 14:22:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-15-A

Lab Sample ID: 460-72180-15

Worklist Smp#: 25

Client ID: PMP-19SW-SI

Injection Vol: 1.0 ul

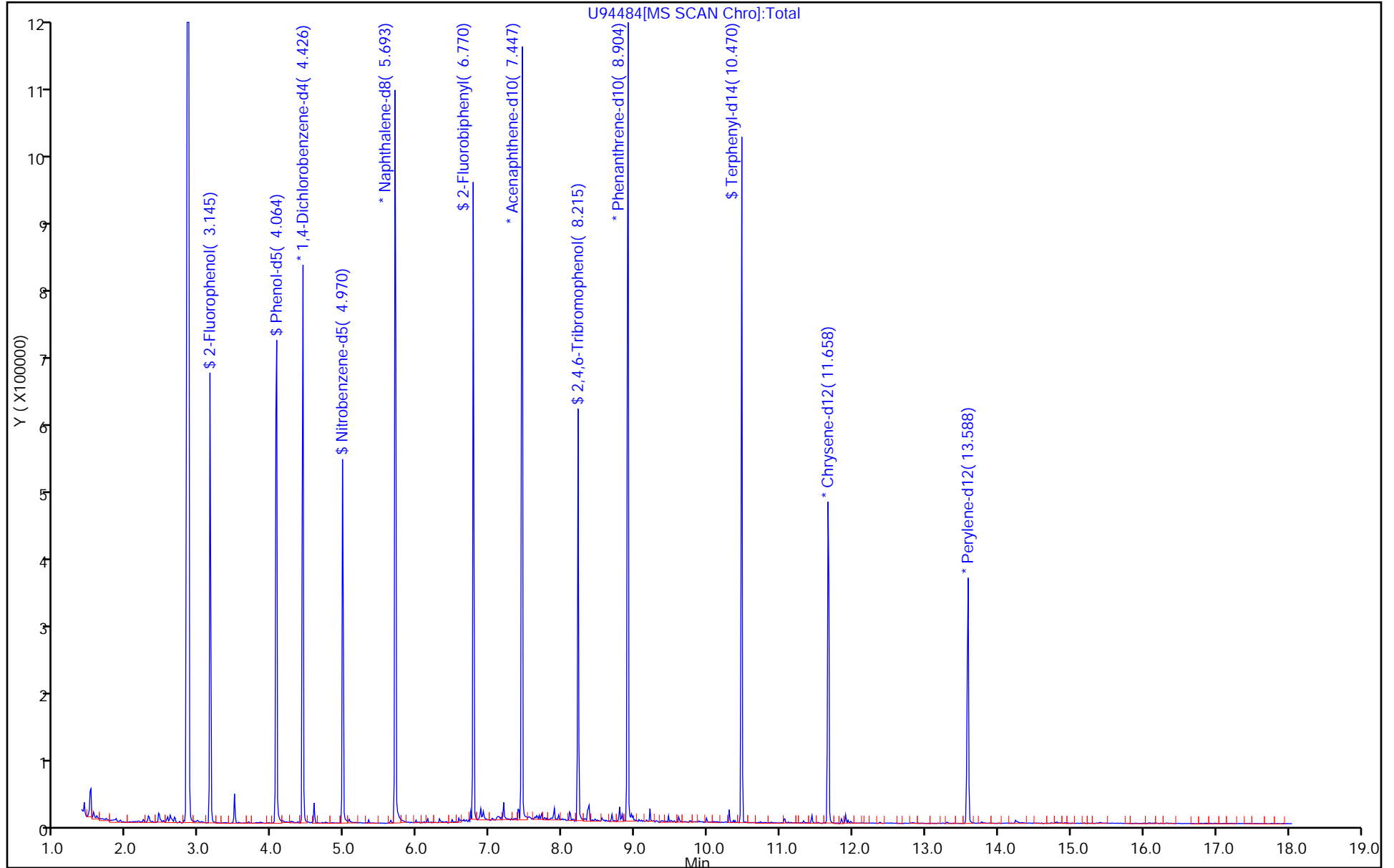
Dil. Factor: 1.0000

ALS Bottle#: 25

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: U94485.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:44
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	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	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: U94485.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:44
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	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	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	4.4	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: U94485.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:44
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		40-106
4165-62-2	Phenol-d5	88		44-104
1718-51-0	Terphenyl-d14	112		41-145
118-79-6	2,4,6-Tribromophenol	113		19-114
367-12-4	2-Fluorophenol	71		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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: U94485.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:20
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:44
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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\CBNAMS4\20140312-10744.b\U94485.D
 Lims ID: 460-72180-E-16-A Lab Sample ID: 460-72180-16
 Client ID: PMP-26SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:44:30 ALS Bottle#: 26 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-026
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: 12-Mar-2014 16:10:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.147	3.121	0.026	85	229788	35.6	
5 Benzaldehyde	77	3.986	3.969	0.017	57	1664	0.2703	
\$ 6 Phenol-d5	99	4.068	4.068	0.0	71	343787	44.1	
* 13 1,4-Dichlorobenzene-d4	152	4.427	4.410	0.017	98	147455	40.0	
\$ 25 Nitrobenzene-d5	82	4.975	4.977	-0.002	91	245514	31.5	
* 35 Naphthalene-d8	136	5.697	5.690	0.007	99	633051	40.0	
\$ 48 2-Fluorobiphenyl	172	6.780	6.765	0.015	98	409069	39.3	
* 61 Acenaphthene-d10	164	7.442	7.436	0.006	92	304687	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.222	8.219	0.003	94	66166	56.5	
* 83 Phenanthrene-d10	188	8.897	8.891	0.006	99	486070	40.0	
\$ 91 Terphenyl-d14	244	10.470	10.465	0.005	97	295435	55.9	
* 96 Chrysene-d12	240	11.668	11.661	0.007	99	227534	40.0	
* 103 Perylene-d12	264	13.590	13.580	0.010	98	197917	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140312-10744.b\U94485.D

Injection Date: 12-Mar-2014 14:44:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-16-A

Lab Sample ID: 460-72180-16

Worklist Smp#: 26

Client ID: PMP-26SW-VD

Injection Vol: 1.0 ul

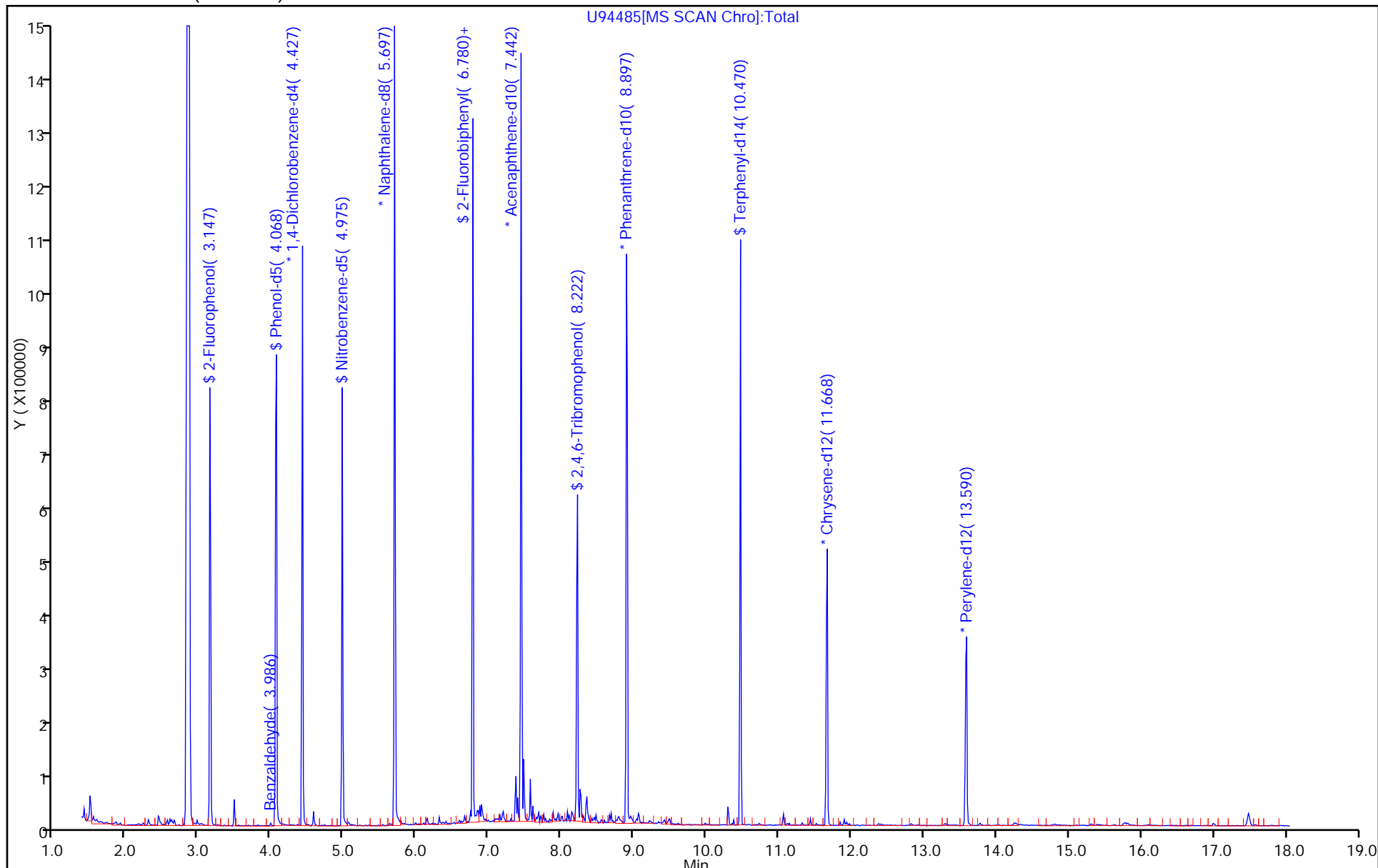
Dil. Factor: 1.0000

ALS Bottle#: 26

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: U94509.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 10:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	230	U	1900	230
98-86-2	Acetophenone	300	U	1900	300
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	230	U	1900	230
88-06-2	2,4,6-Trichlorophenol	230	U	1900	230
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: U94509.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 10:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	230	U	1900	230
84-66-2	Diethyl phthalate	230	U	1900	230
86-73-7	Fluorene	250	U	1900	250
206-44-0	Fluoranthene	260	U	1900	260
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	230	U	1900	230
100-01-6	4-Nitroaniline	600	U	3900	600
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	300	U	1900	300
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	15	U	190	15
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	180	U	1900	180
117-81-7	Bis(2-ethylhexyl) phthalate	640	U	1900	640
117-84-0	Di-n-octyl phthalate	120	U	1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	36	U	190	36
53-70-3	Dibenz(a,h)anthracene	24	U	190	24
91-94-1	3,3'-Dichlorobenzidine	680	U	1900	680
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: U94509.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:25
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 10:03
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	49		40-106
4165-62-2	Phenol-d5	63		44-104
1718-51-0	Terphenyl-d14	90		41-145
118-79-6	2,4,6-Tribromophenol	64		19-114
367-12-4	2-Fluorophenol	50		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-26SW-WT</u>	Lab Sample ID: <u>460-72180-17</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94509.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 12:25</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>03/13/2014 10:03</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>5</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.1</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>445000</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-59-4	Tetradecane	6.86	20000	J N
	Unknown alkane	7.19	24000	J
629-62-9	Pentadecane	7.39	27000	J N
	Unknown	7.71	12000	J
544-76-3	Hexadecane	7.89	33000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	27000	J N
1560-92-5	Hexadecane, 2-methyl-	8.18	17000	J N
	Unknown	8.21	16000	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	130000	J N
	Unknown alkane	8.54	17000	J
	Unknown	8.67	13000	J
	Unknown alkane	8.80	42000	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.82	30000	J N
629-92-5	Nonadecane	9.20	24000	J N
112-95-8	Eicosane	9.60	13000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D
 Lims ID: 460-72180-E-17-A Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:03:30 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-020
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: XAWRK034

First Level Reviewer: szczecha

Date: 13-Mar-2014 11:17:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.121	3.126	-0.005	91	33855	4.99	
\$ 6 Phenol-d5	99	4.039	4.072	-0.033	69	51980	6.35	
* 13 1,4-Dichlorobenzene-d4	152	4.409	4.423	-0.014	98	154974	40.0	
\$ 25 Nitrobenzene-d5	82	4.954	4.984	-0.030	90	40666	4.89	
* 35 Naphthalene-d8	136	5.686	5.696	-0.010	100	675556	40.0	
\$ 48 2-Fluorobiphenyl	172	6.757	6.780	-0.023	92	64897	7.48	
* 61 Acenaphthene-d10	164	7.437	7.444	-0.007	91	254300	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.211	8.223	-0.012	40	6239	6.38	
* 83 Phenanthrene-d10	188	8.897	8.909	-0.012	98	310073	40.0	
90 Pyrene	202	10.302	10.312	-0.010	62	1708	0.3070	
\$ 91 Terphenyl-d14	244	10.449	10.464	-0.015	97	36573	8.95	
* 96 Chrysene-d12	240	11.647	11.672	-0.025	96	175979	40.0	
* 103 Perylene-d12	264	13.568	13.590	-0.022	98	160930	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D
 Lims ID: 460-72180-E-17-A Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:03:30 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010792-020
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha Date: 13-Mar-2014 11:17:20

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
6.861	2467575	52.1	61	95	55007	C14H30	198	M
7.191	2912889	61.4	61	0	0		0	M
7.392	3297893	69.6	61	95	64571	C15H32	212	M
7.706	1503439	31.7	61					M
7.885	4003653	84.5	61	97	73965	C16H34	226	M
8.099	3345543	70.6	61	90	91053	C18H38	254	M
8.177	949345	42.8	83	94	82614	C17H36	240	M
8.211	910994	41.1	83					M
8.368	7319777	330.1	83	93	99490	C19H40	268	M
8.537	965902	43.6	83	0	0		0	M
8.672	739383	33.3	83					M
8.796	2421072	109.2	83	0	0		0	M

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-							
8.818	1735368	78.3	83	98	107670	C20H42	282	M
629-92-5	Nonadecane							
9.201	1399872	63.1	83	95	99477	C19H40	268	M
112-95-8	Eicosane							
9.595	748227	33.7	83	98	107652	C20H42	282	M

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.437	1896122	40.0
* 83 Phenanthrene-d10	8.897	886981	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Worklist Smp#: 20

Client ID: PMP-26SW-WT

Injection Vol: 1.0 ul

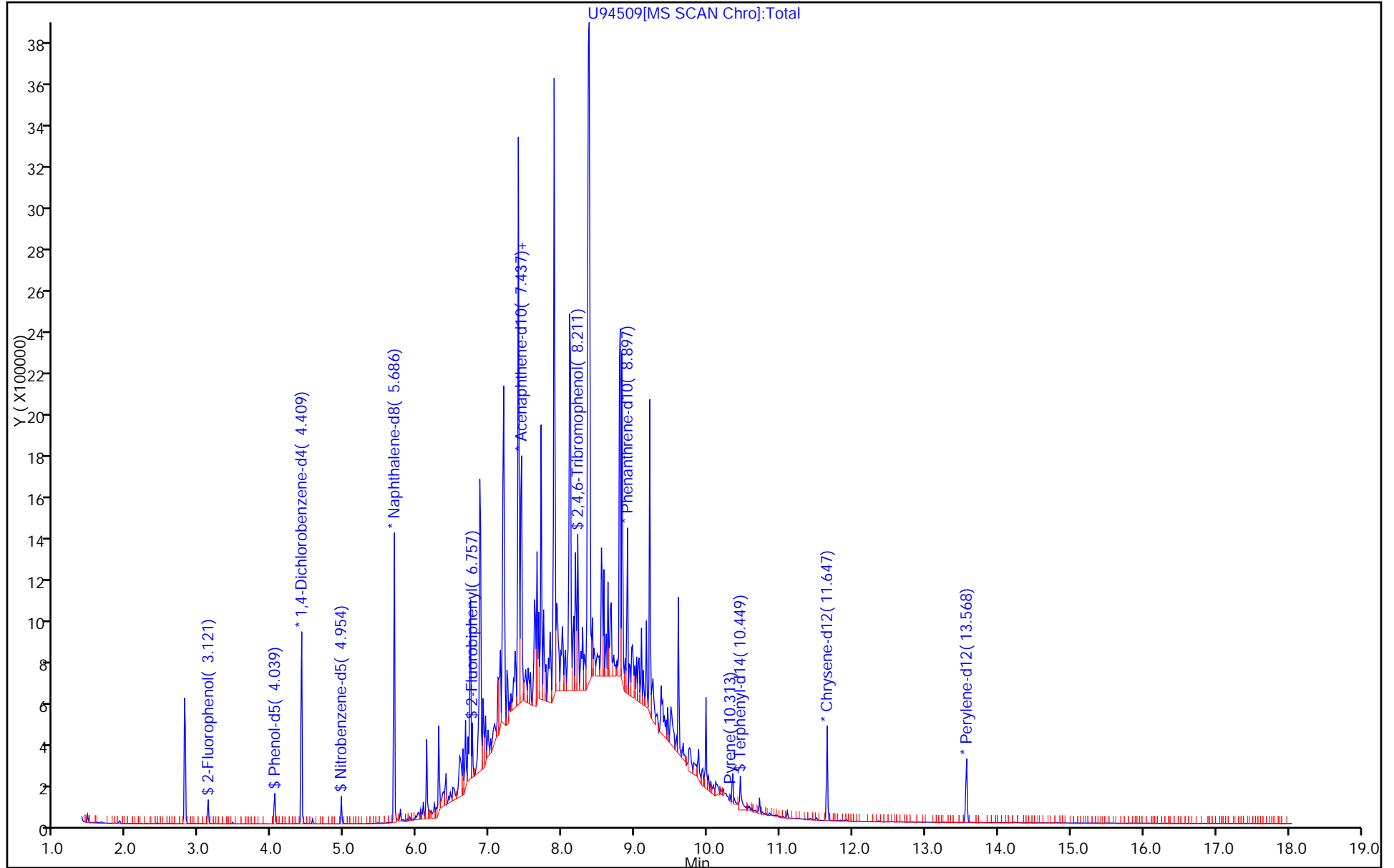
Dil. Factor: 5.0000

ALS Bottle#: 20

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

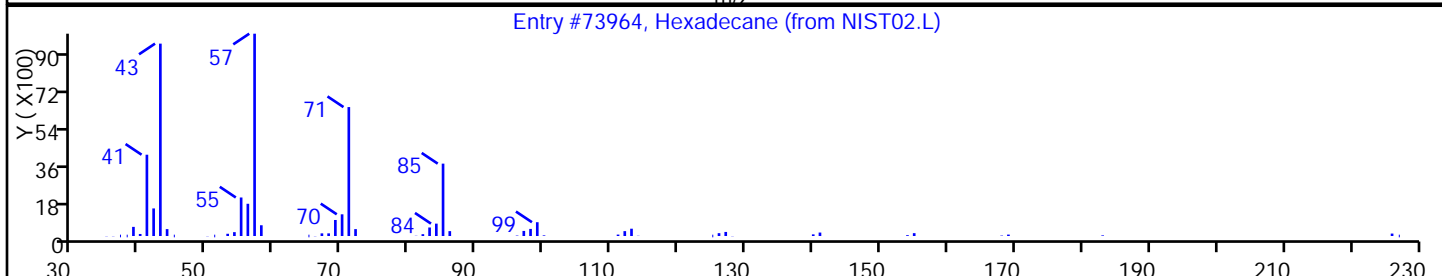
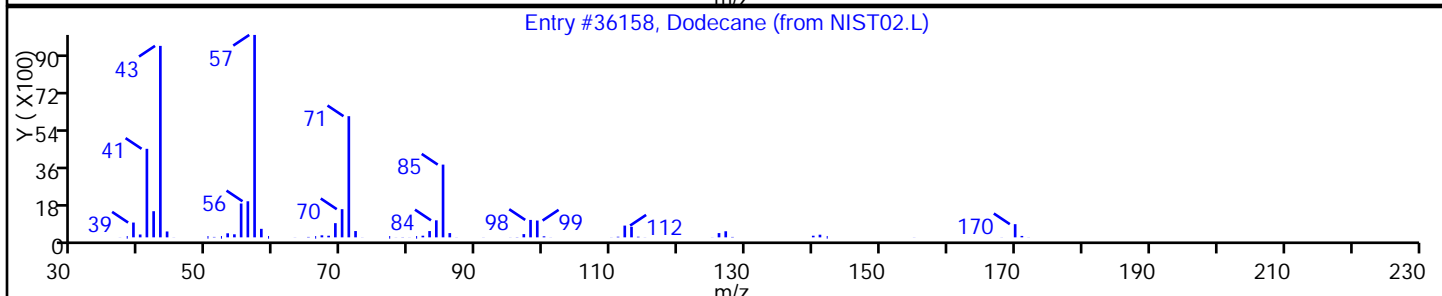
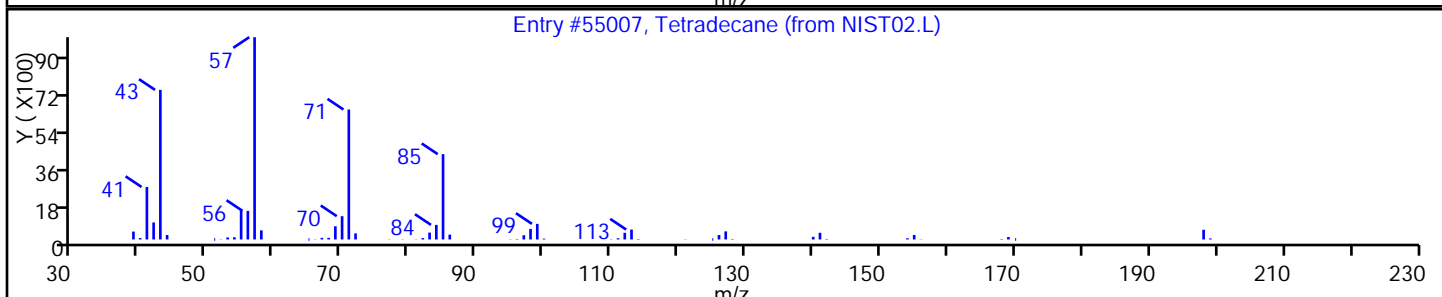
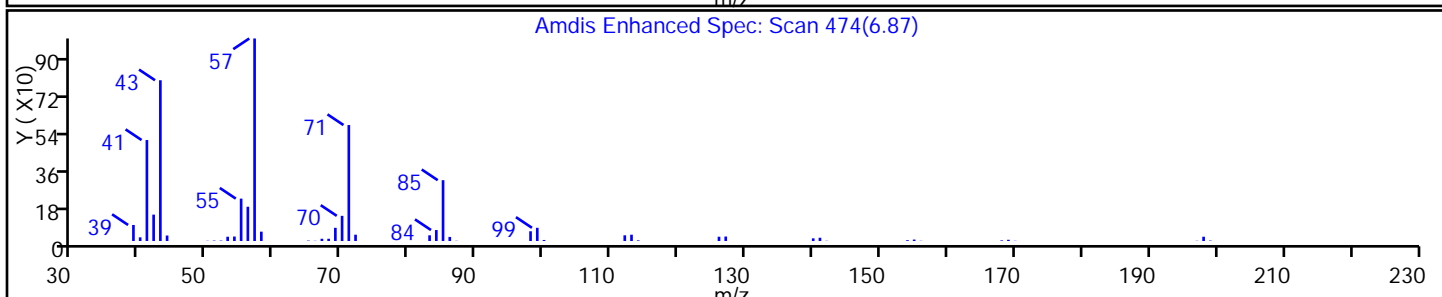
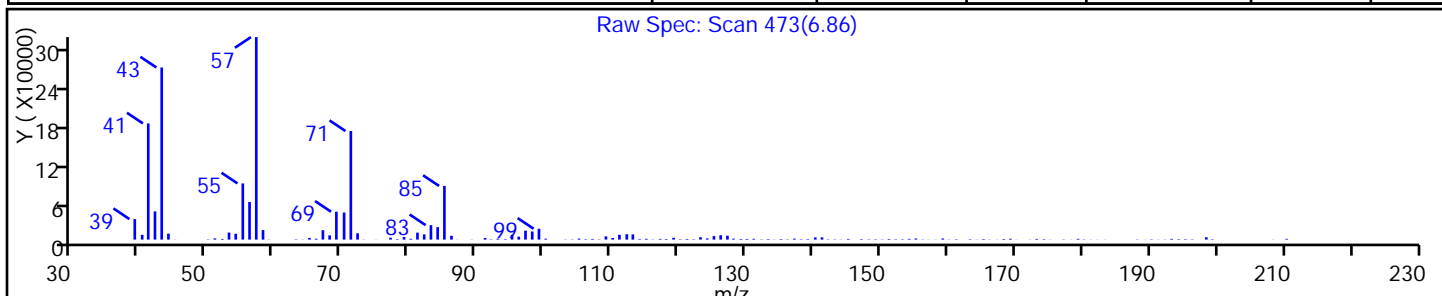
Method: 8270_4R

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
Dodecane	112-40-3	NIST02.L	36158	C12H26	170	94
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

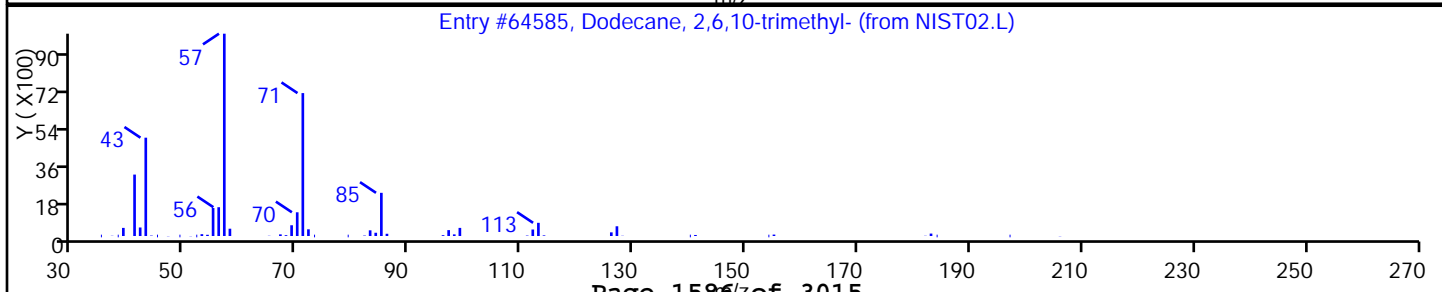
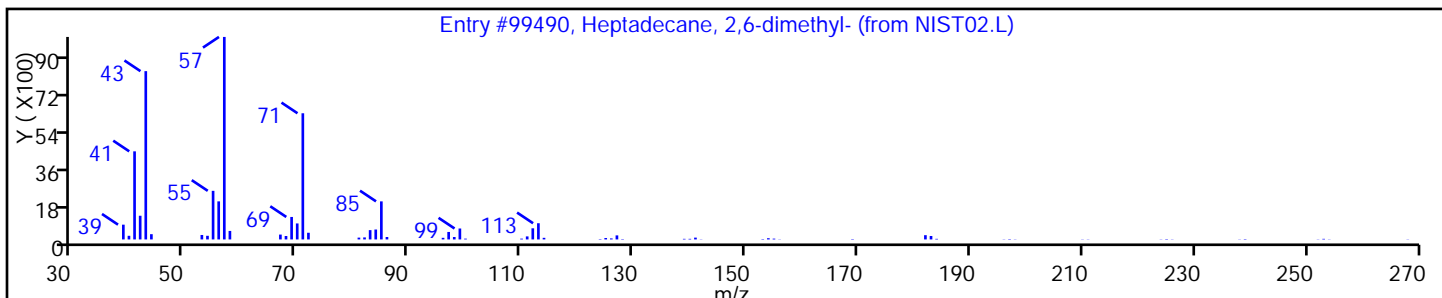
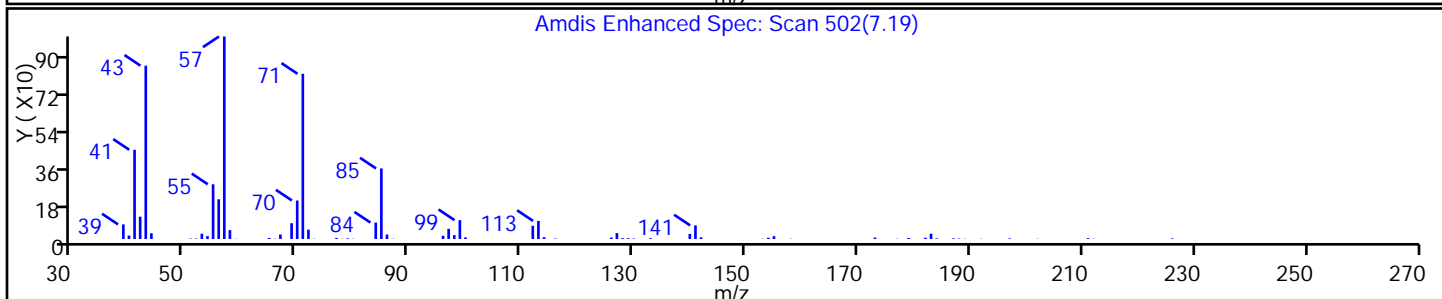
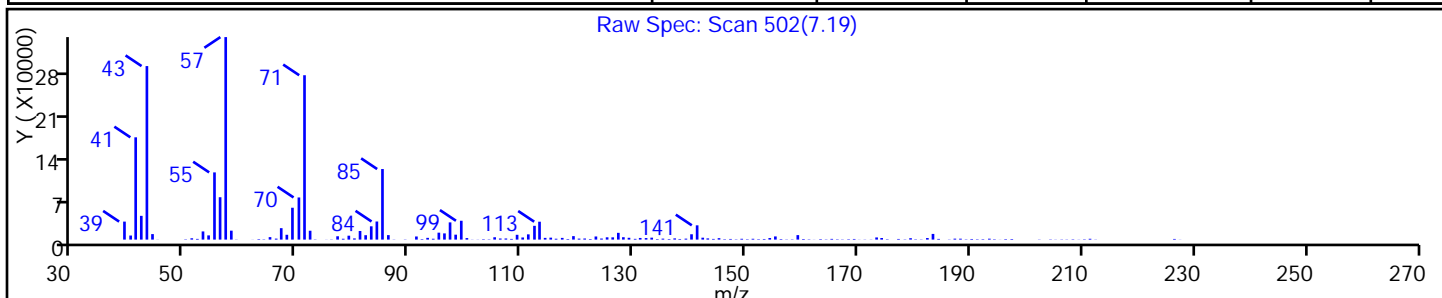
Method: 8270_4R

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-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	86
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64585	C15H32	212	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

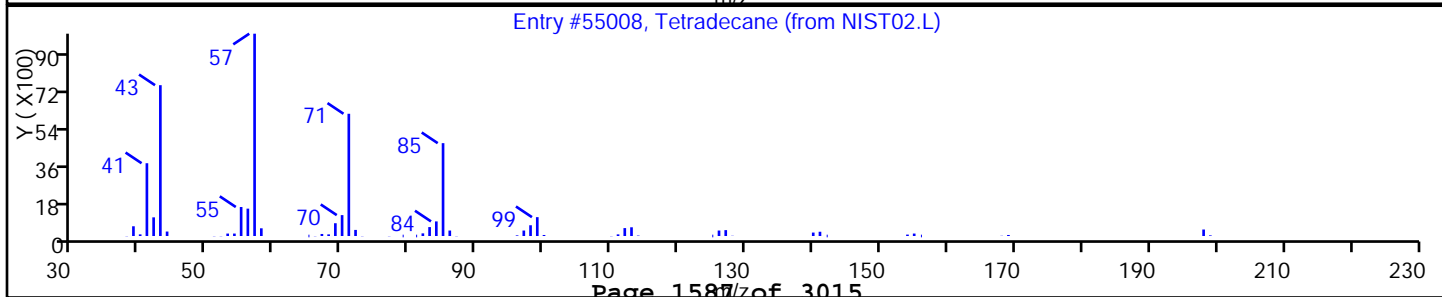
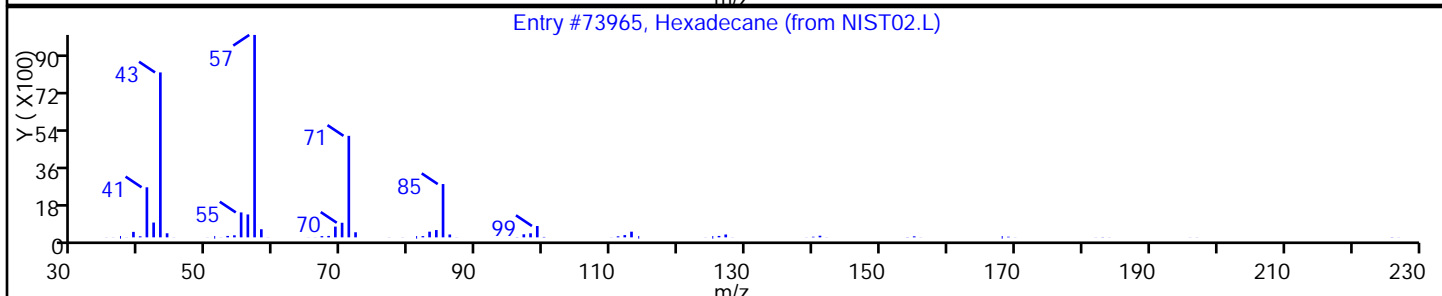
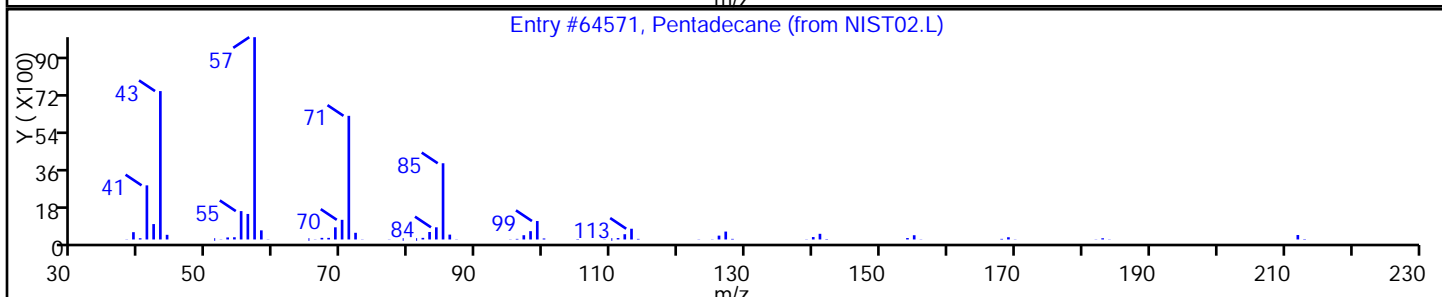
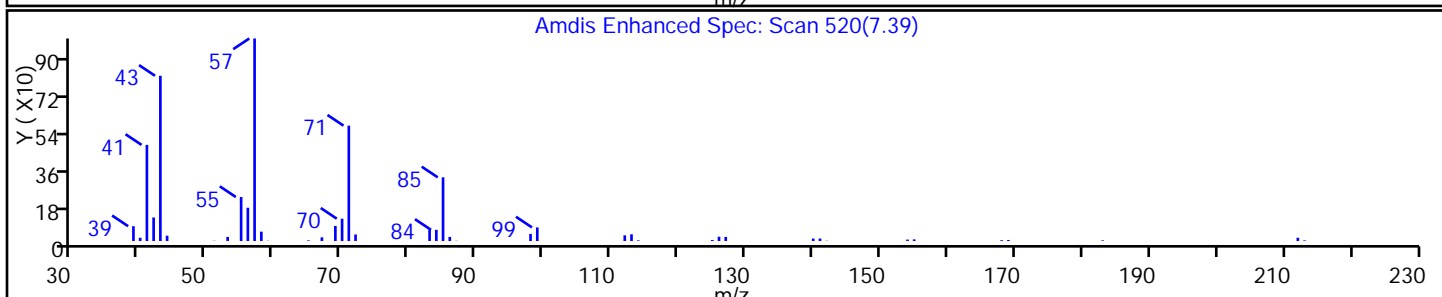
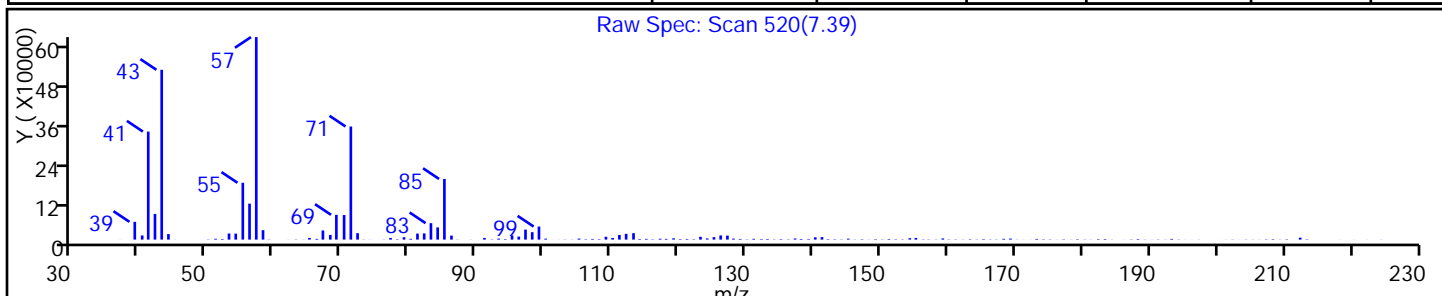
Method: 8270_4R

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
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

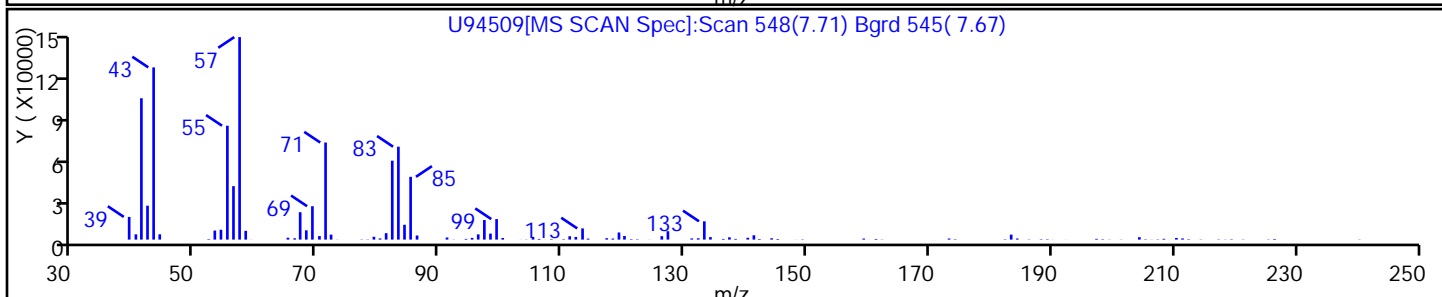
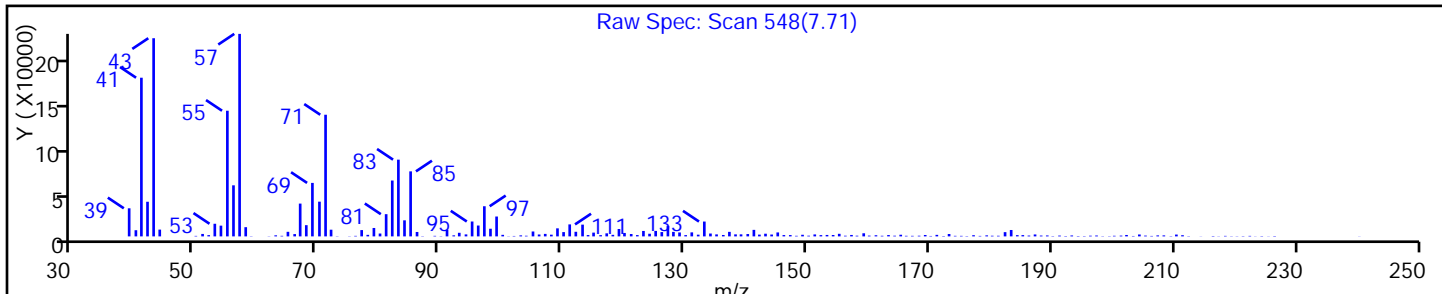
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

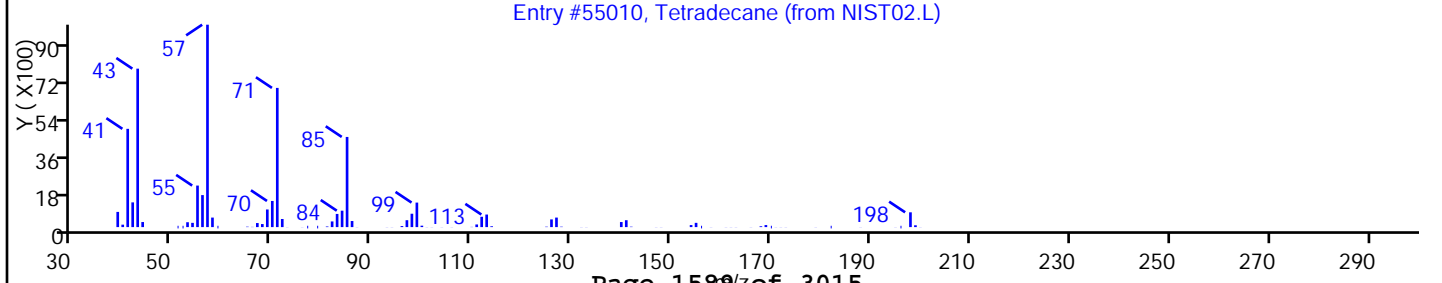
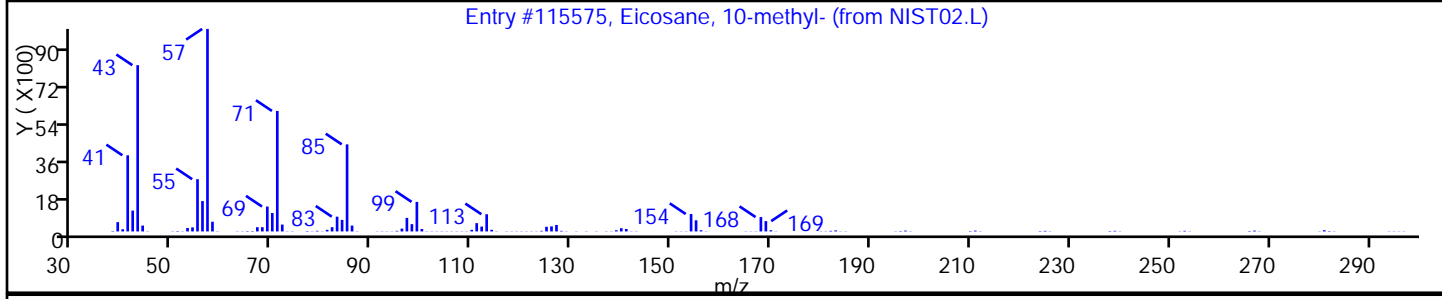
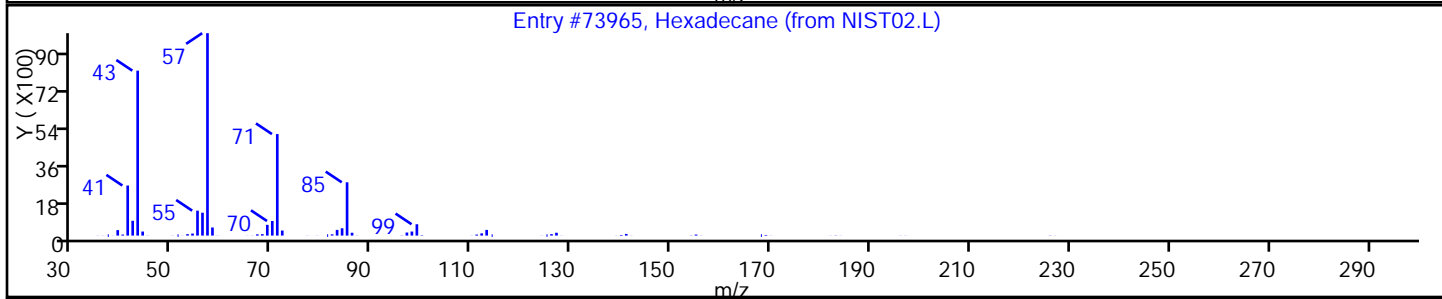
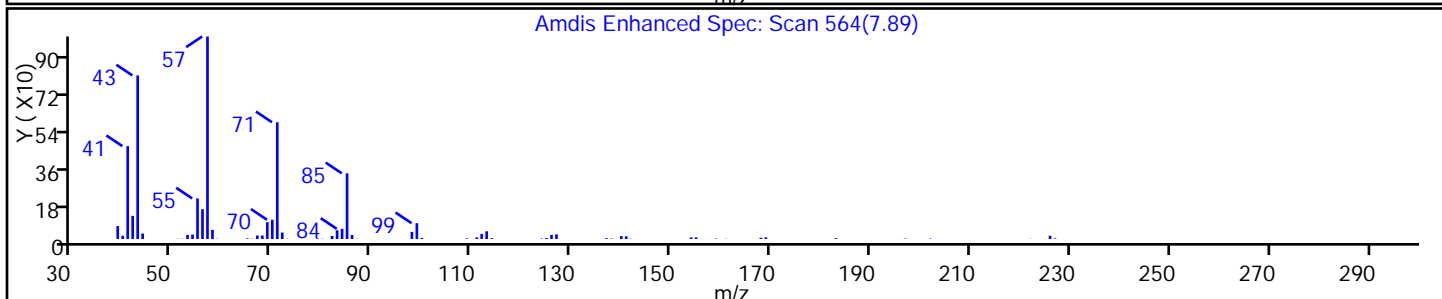
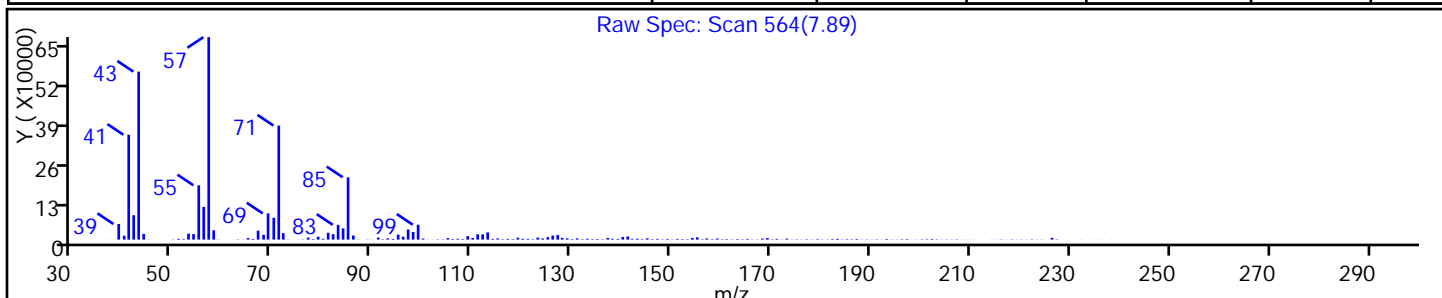
Method: 8270_4R

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	97
Eicosane, 10-methyl-	54833-23-7	NIST02.L	115575	C21H44	296	90
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

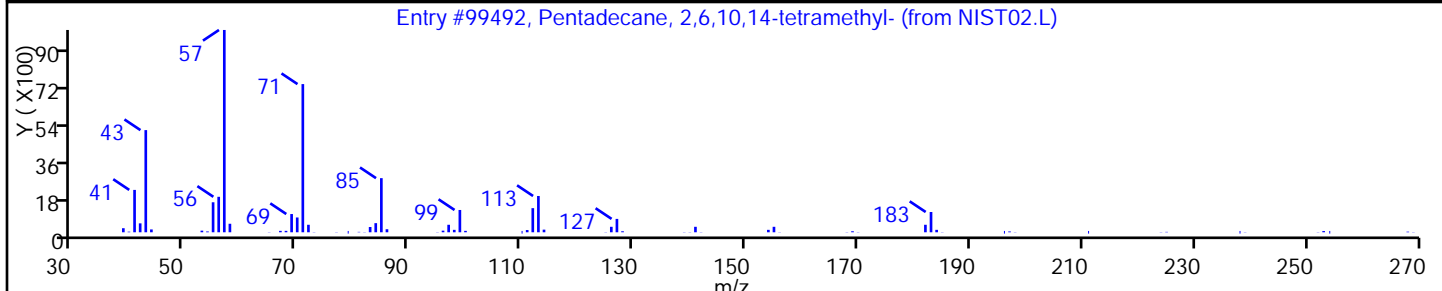
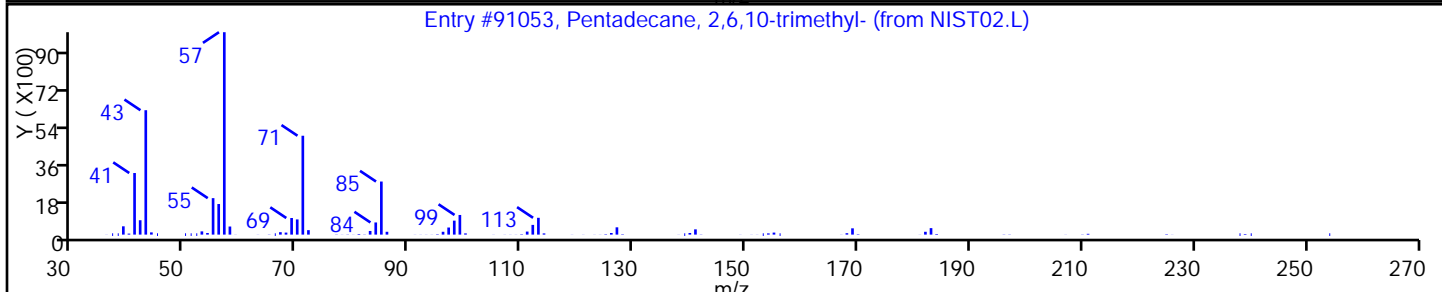
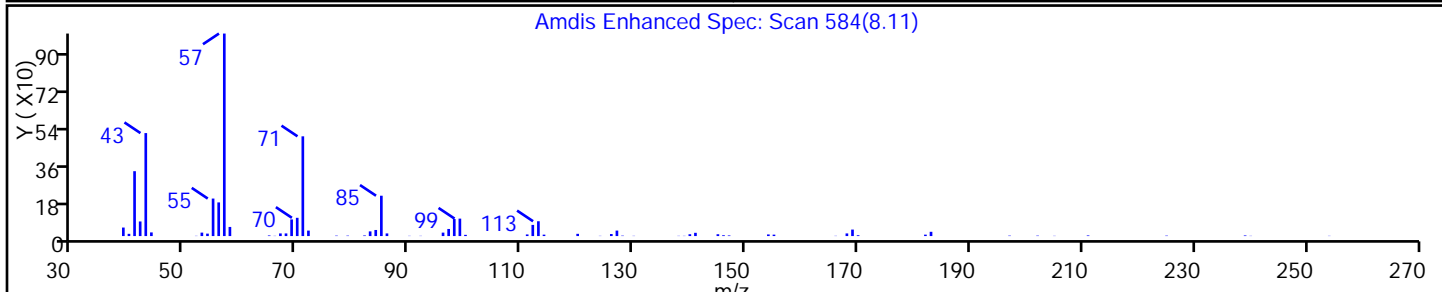
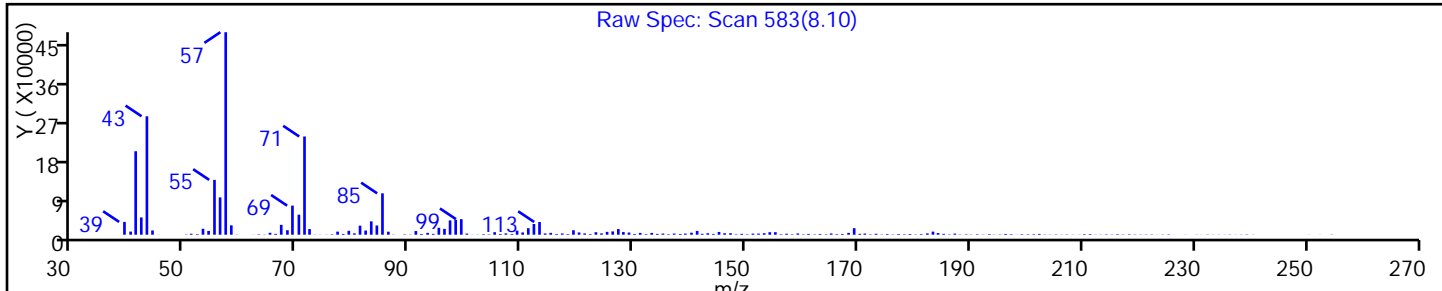
Method: 8270_4R

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	90
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

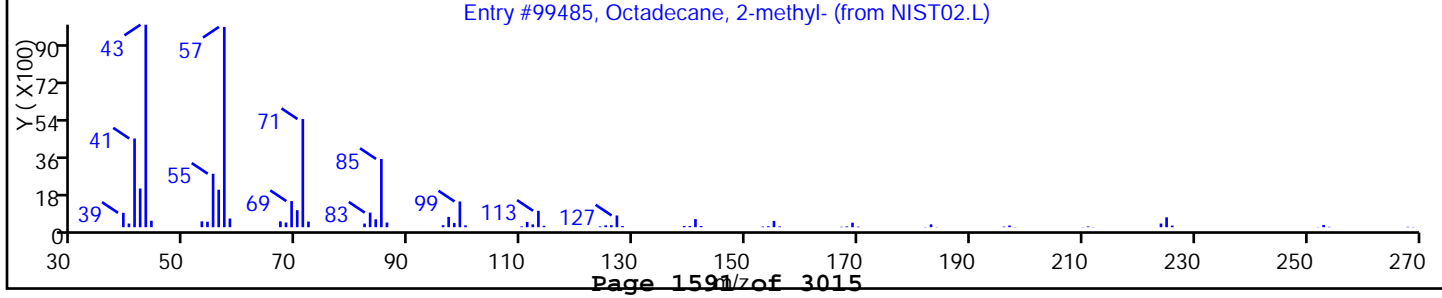
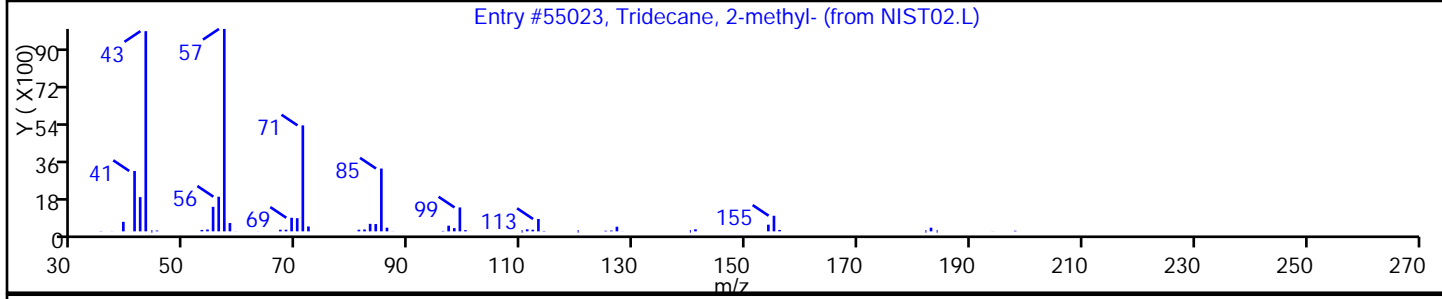
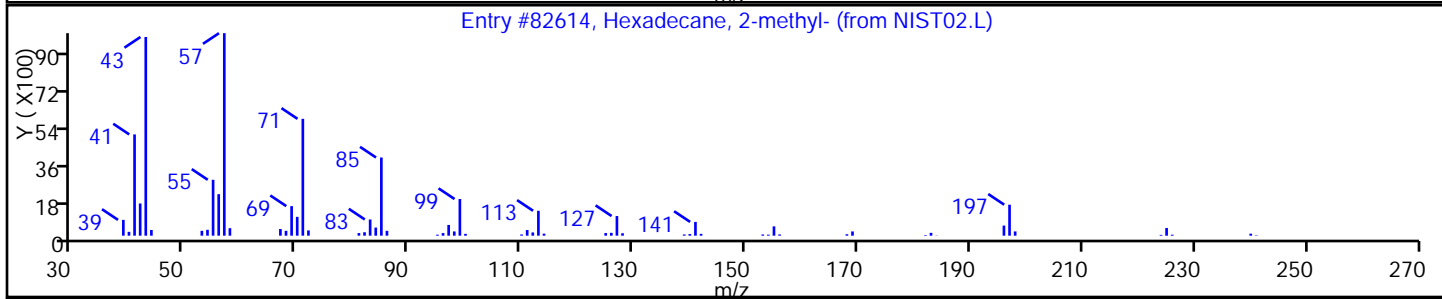
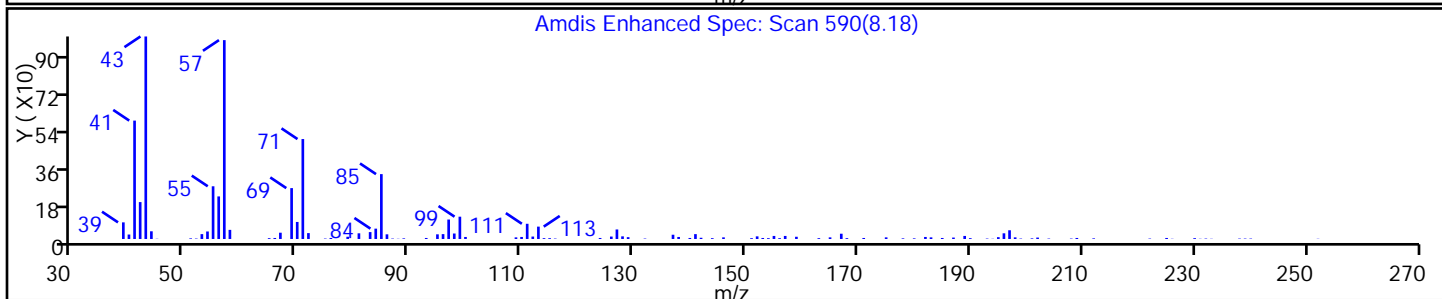
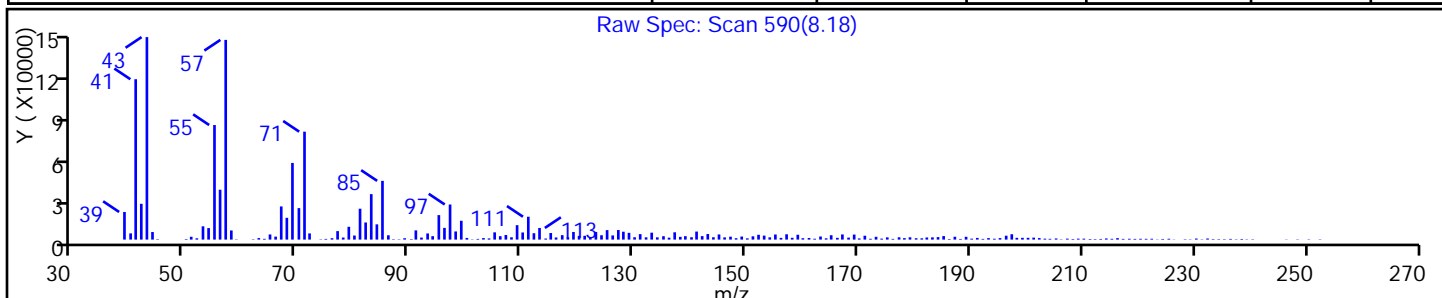
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2-methyl-	1560-92-5	NIST02.L	82614	C17H36	240	94
Tridecane, 2-methyl-	1560-96-9	NIST02.L	55023	C14H30	198	91
Octadecane, 2-methyl-	1560-88-9	NIST02.L	99485	C19H40	268	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

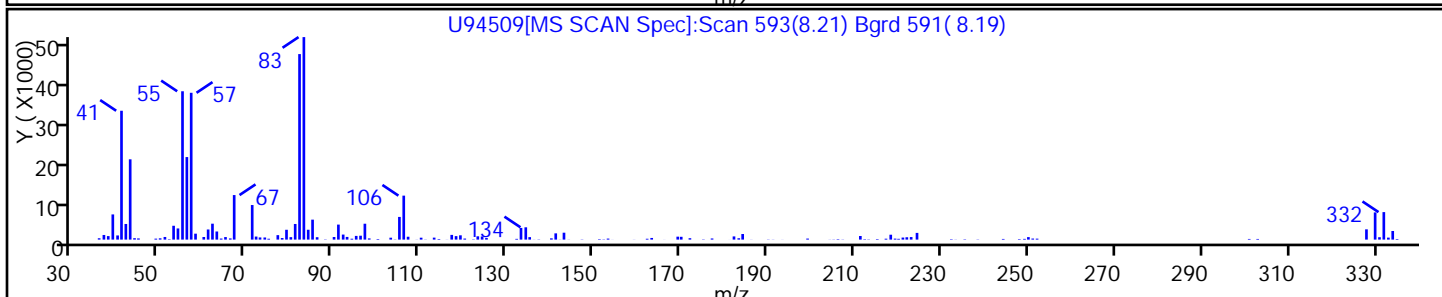
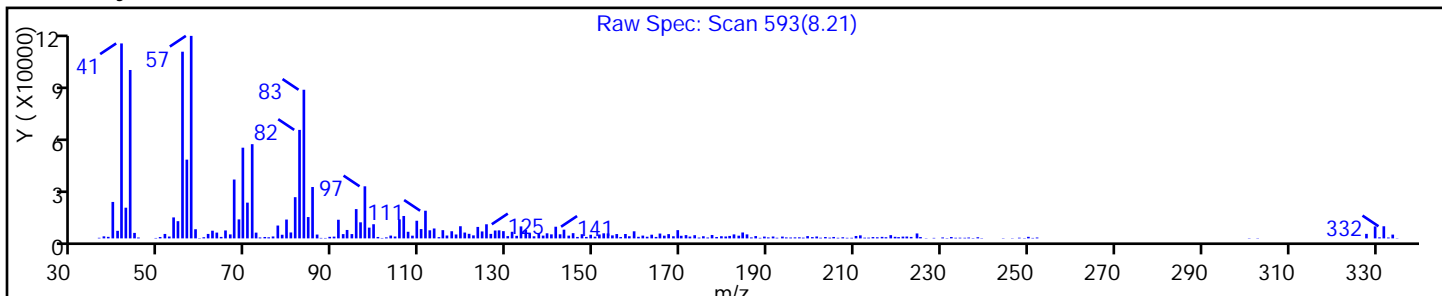
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

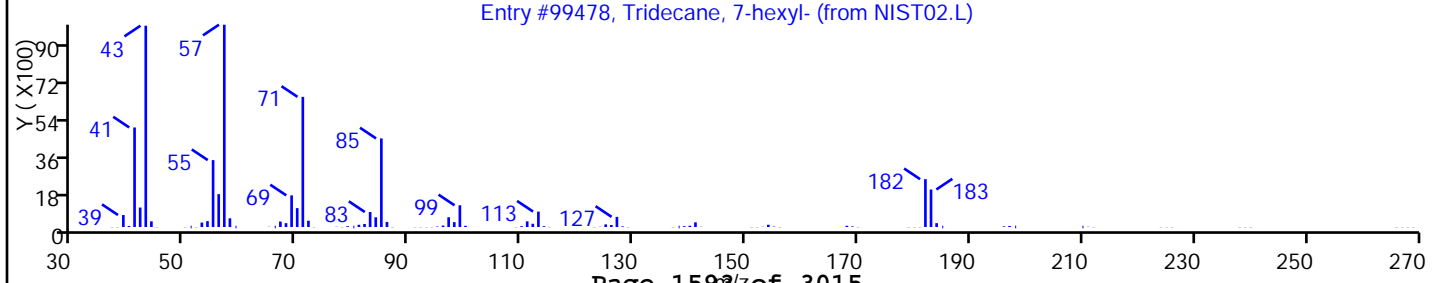
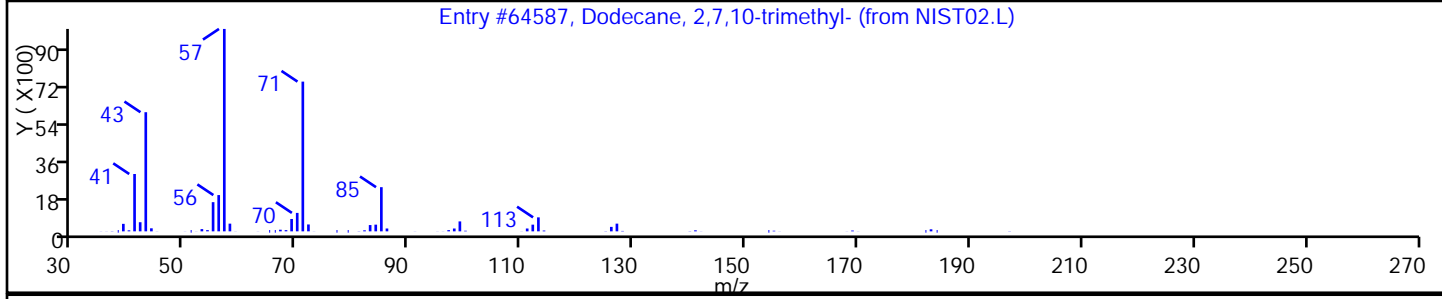
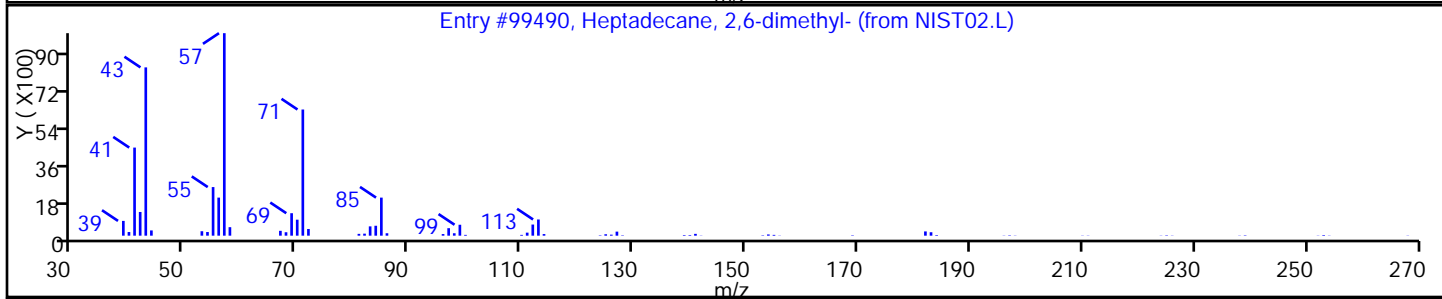
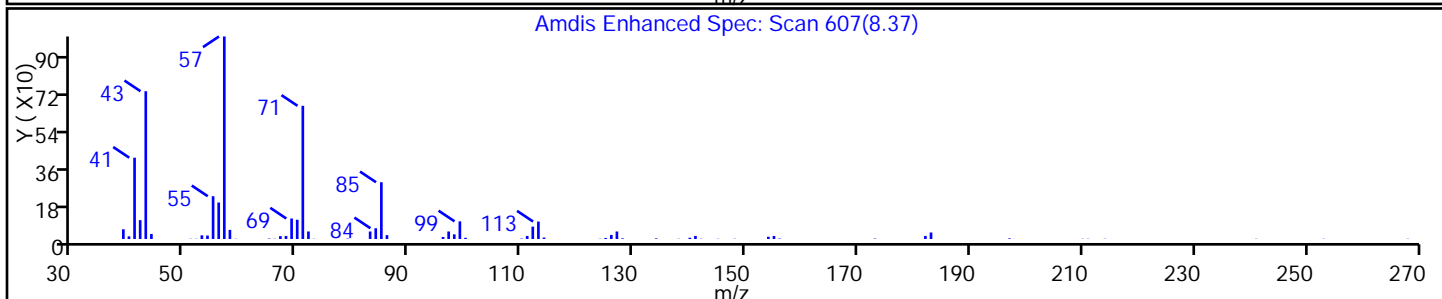
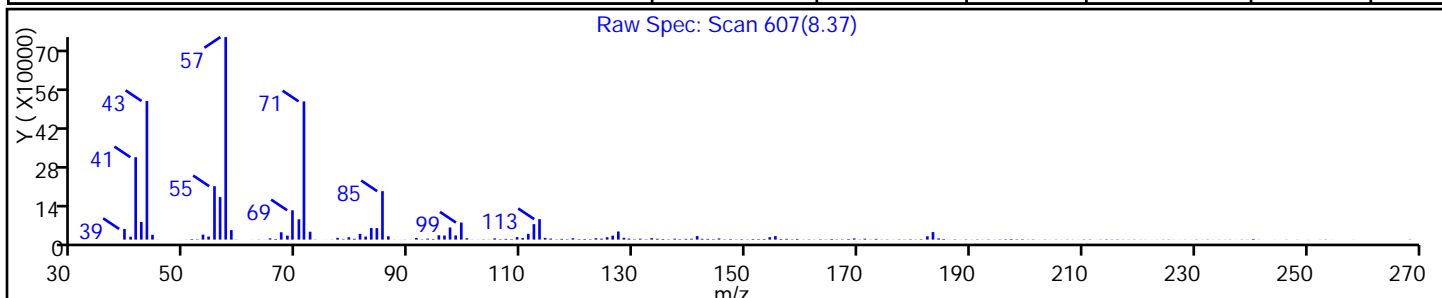
Method: 8270_4R

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	93
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	91
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

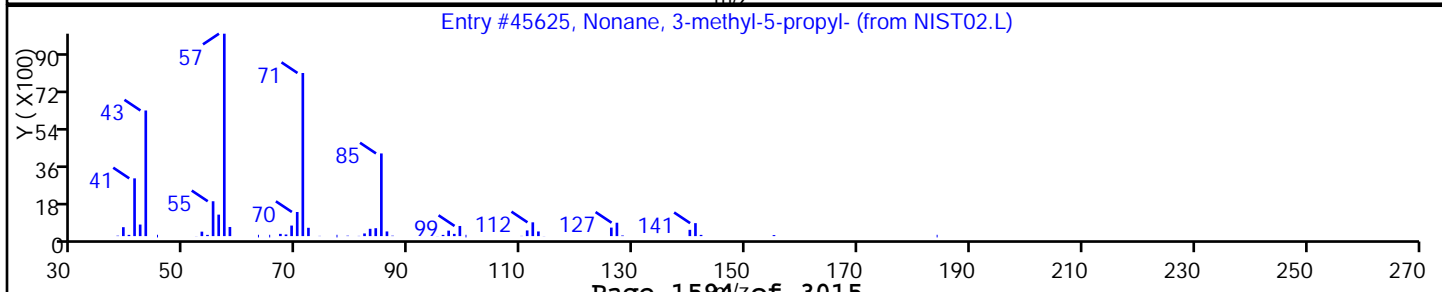
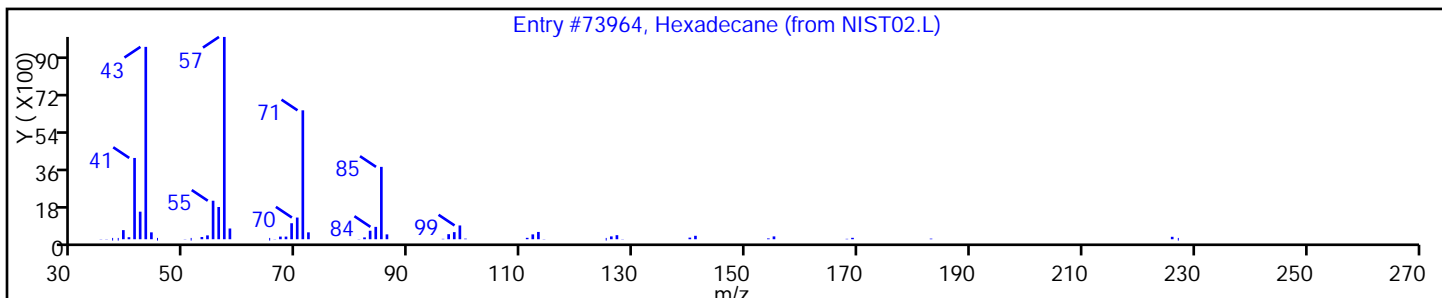
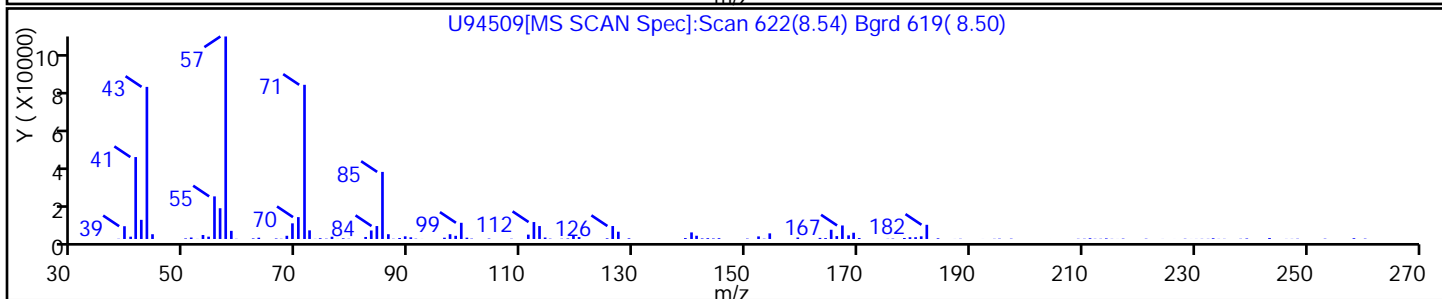
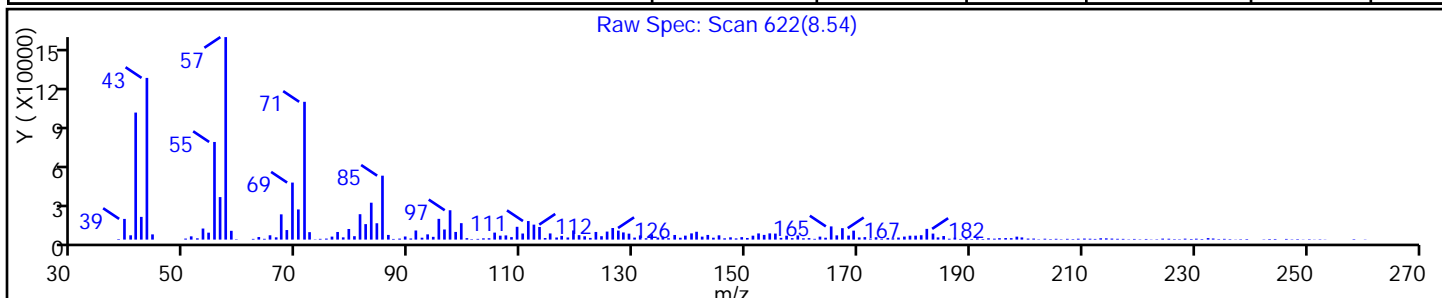
Method: 8270_4R

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	73964	C16H34	226	81
Nonane, 3-methyl-5-propyl-	31081-18-2	NIST02.L	45625	C13H28	184	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

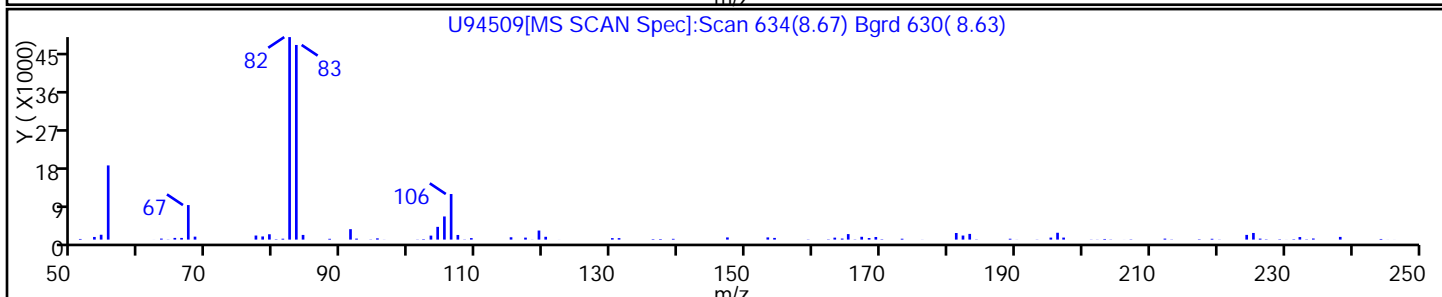
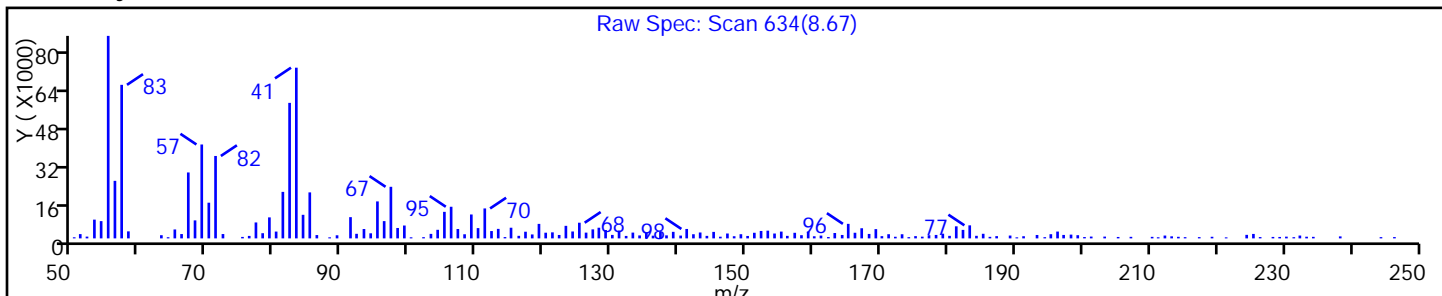
Dil. Factor: 5.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

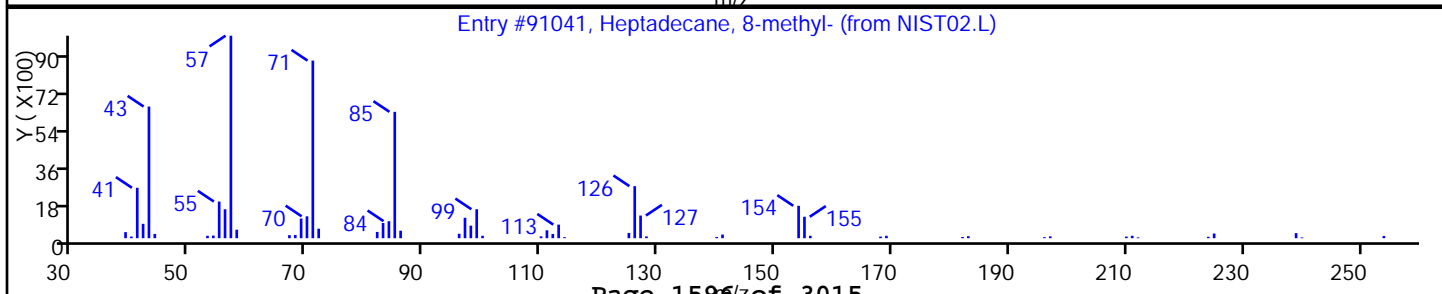
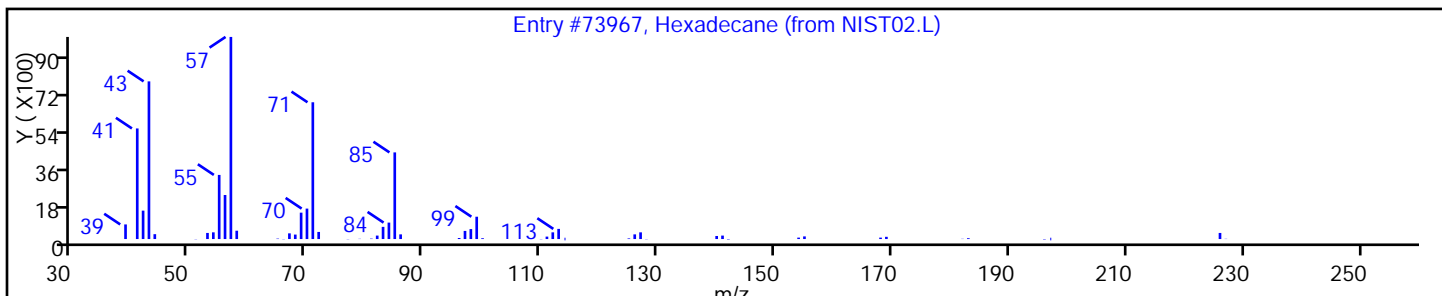
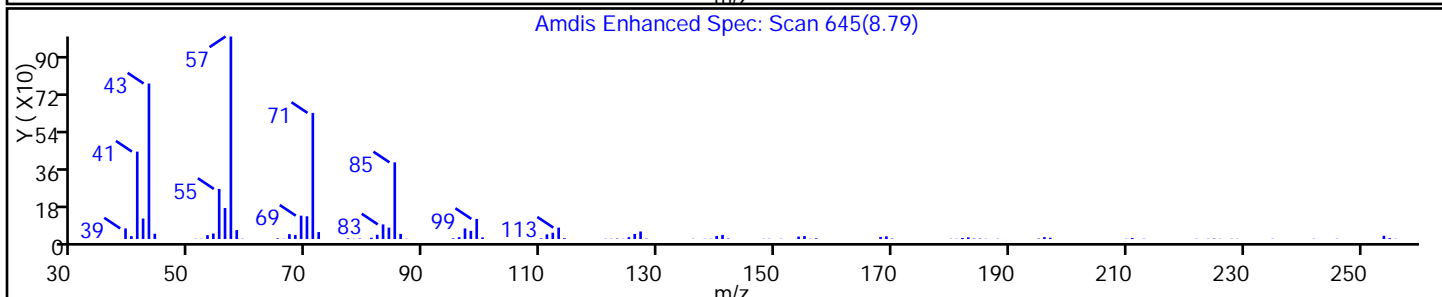
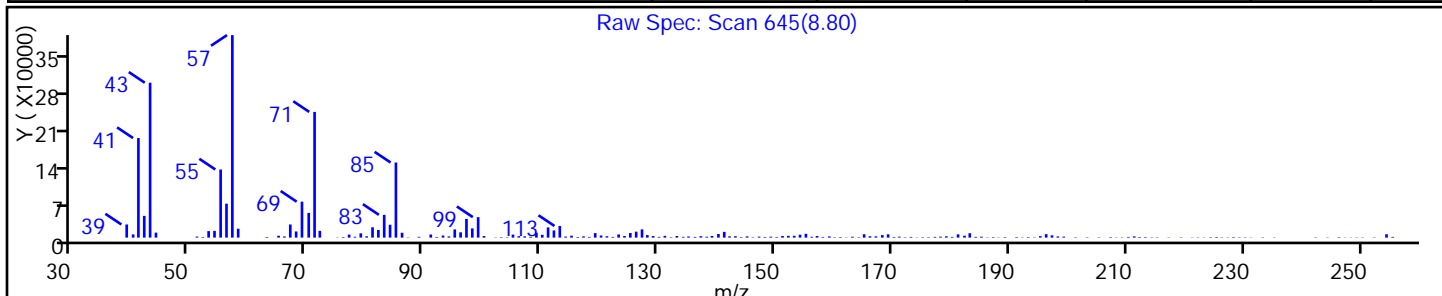
Method: 8270_4R

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	73967	C16H34	226	97
Heptadecane, 8-methyl-	13287-23-5	NIST02.L	91041	C18H38	254	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

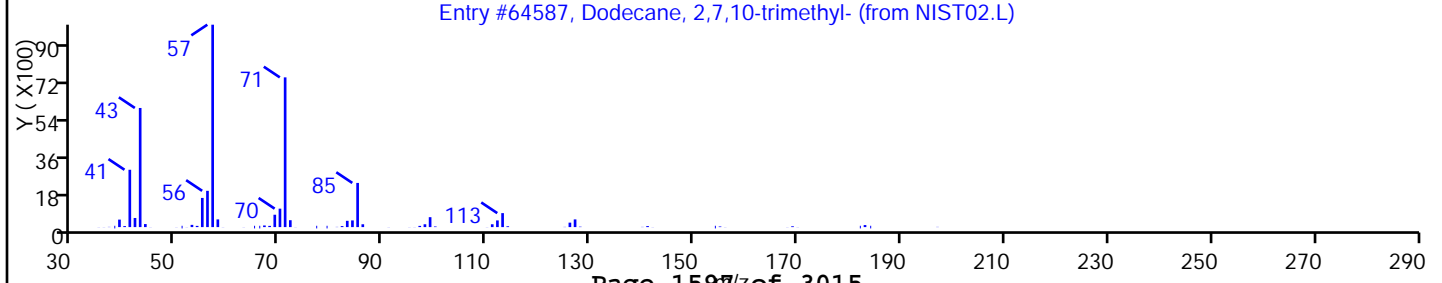
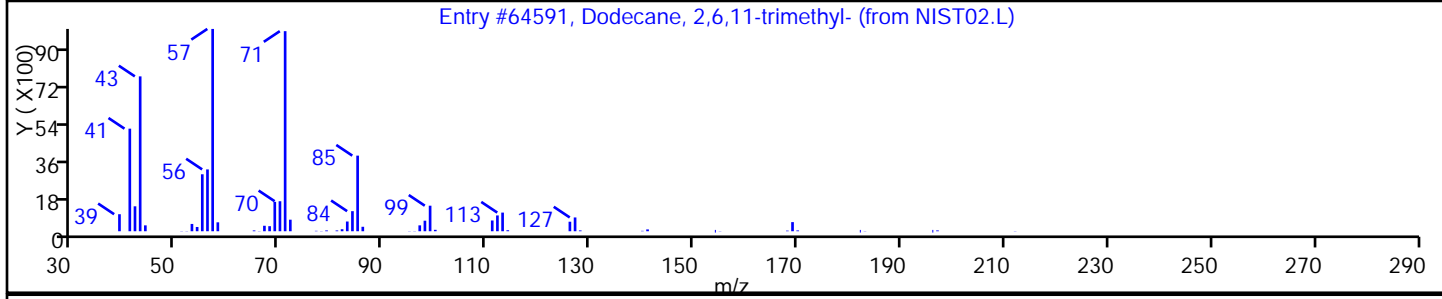
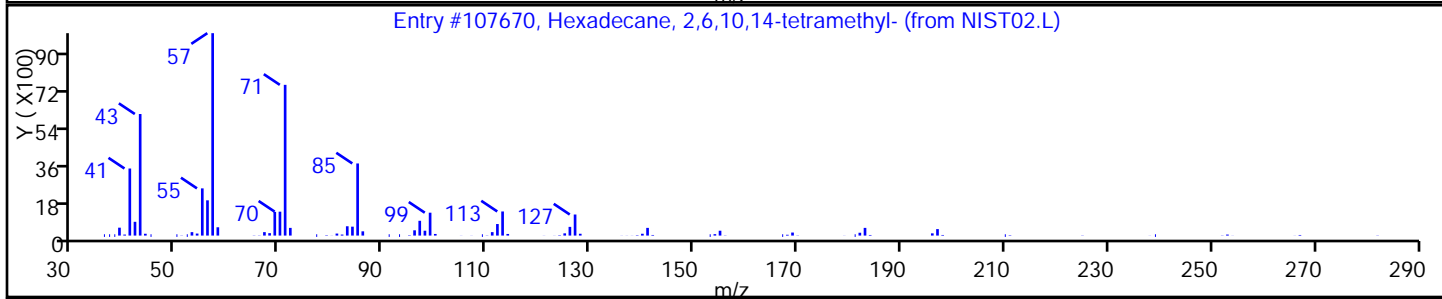
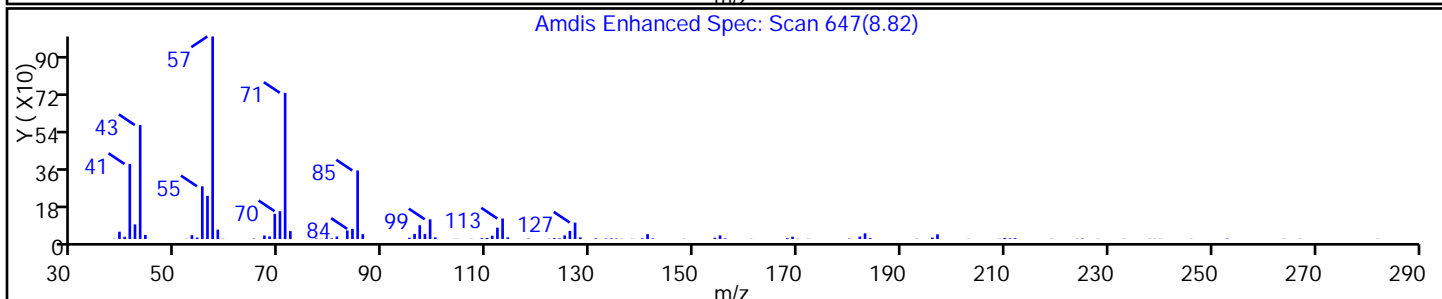
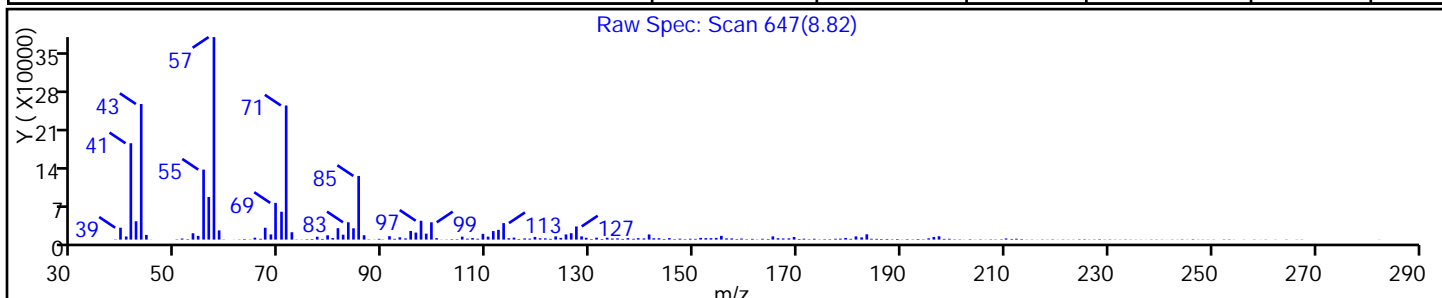
Method: 8270_4R

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	98
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	94
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

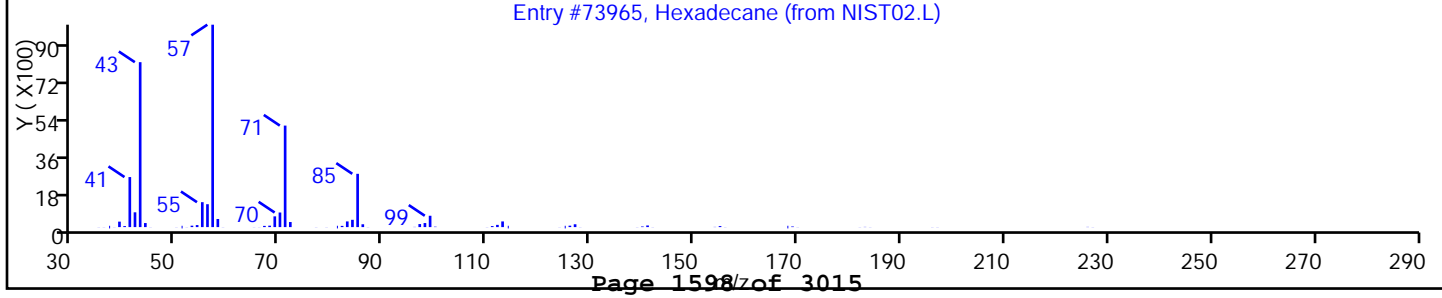
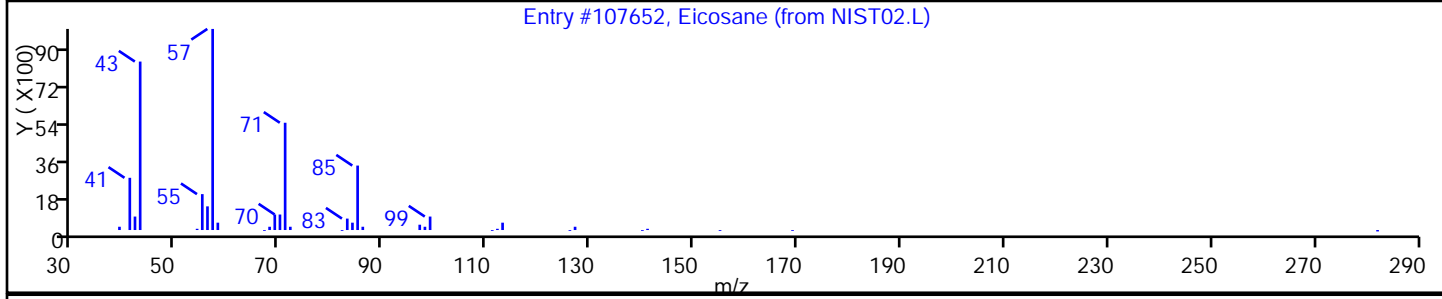
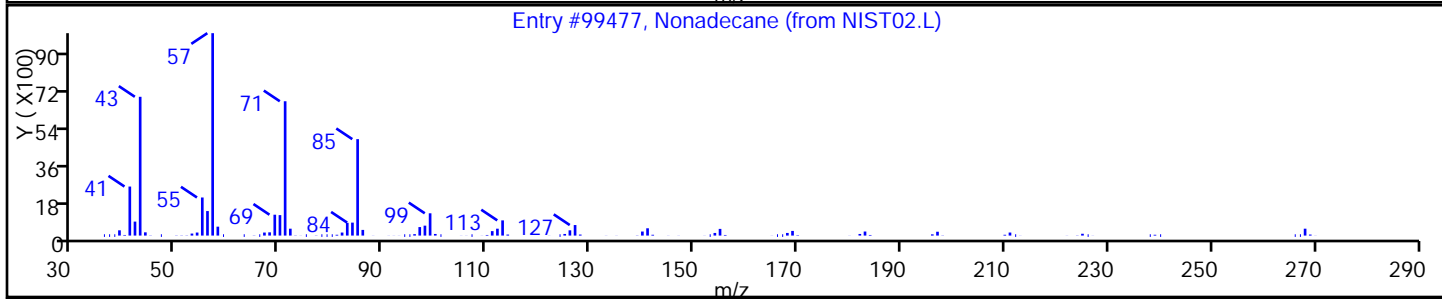
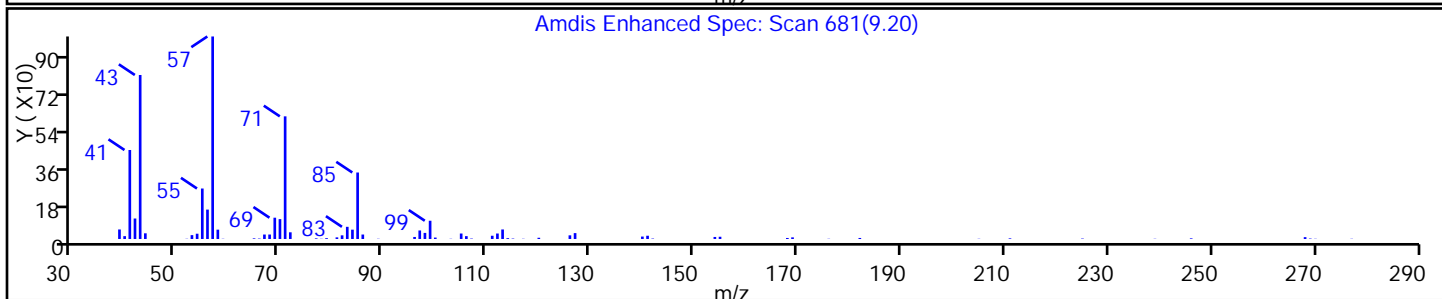
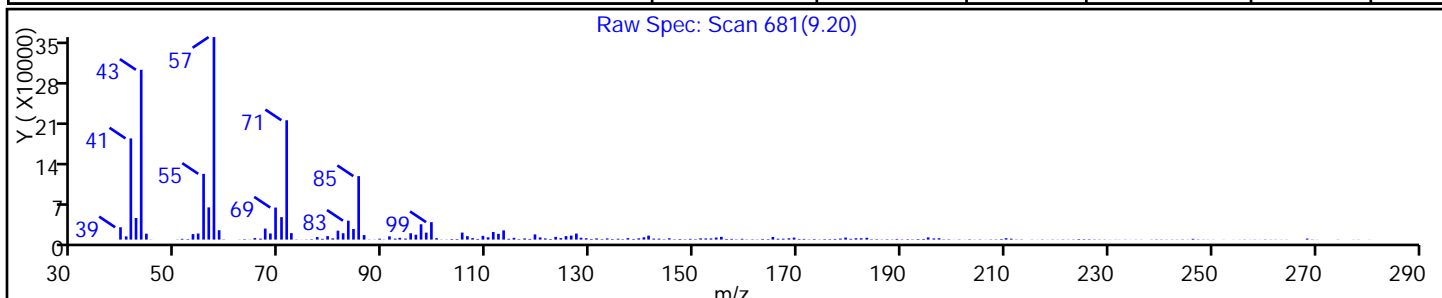
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94509.D

Injection Date: 13-Mar-2014 10:03:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

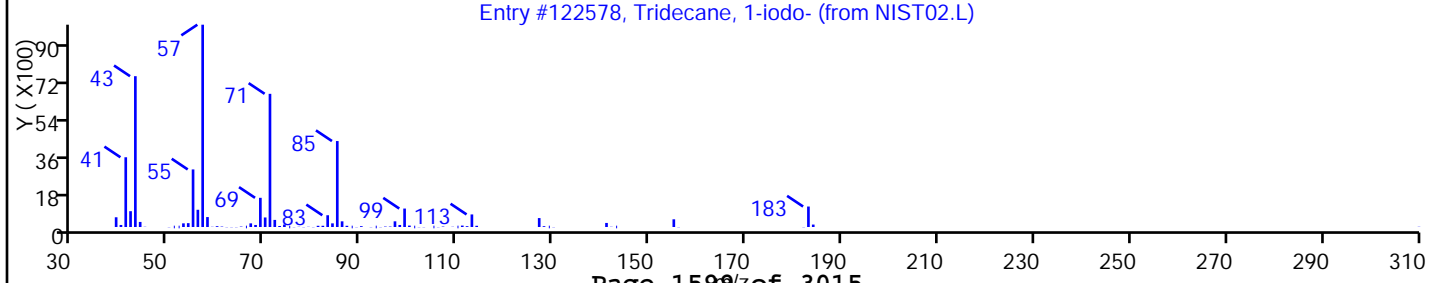
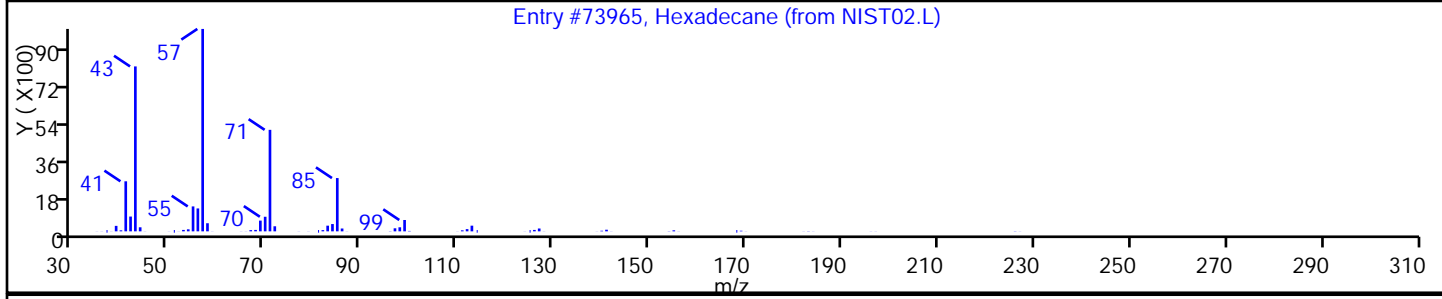
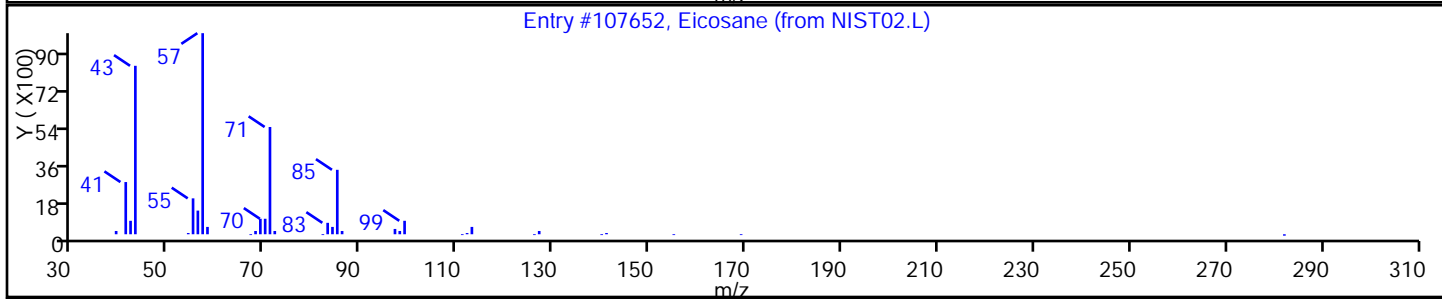
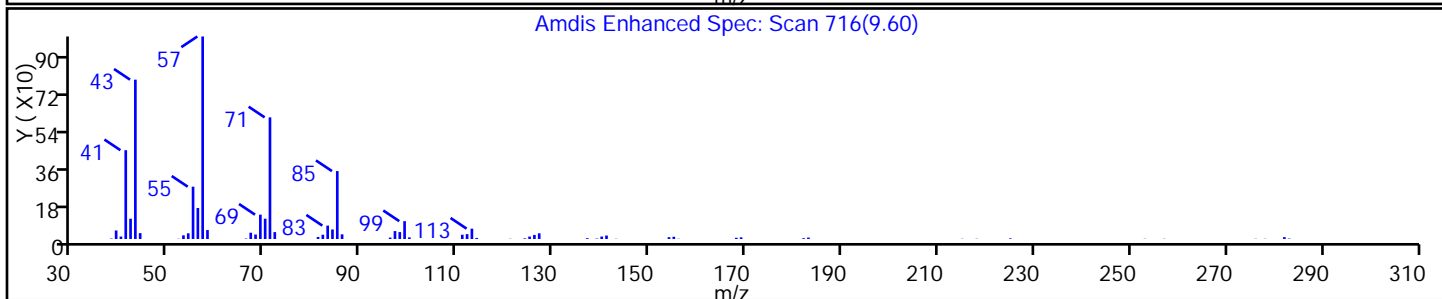
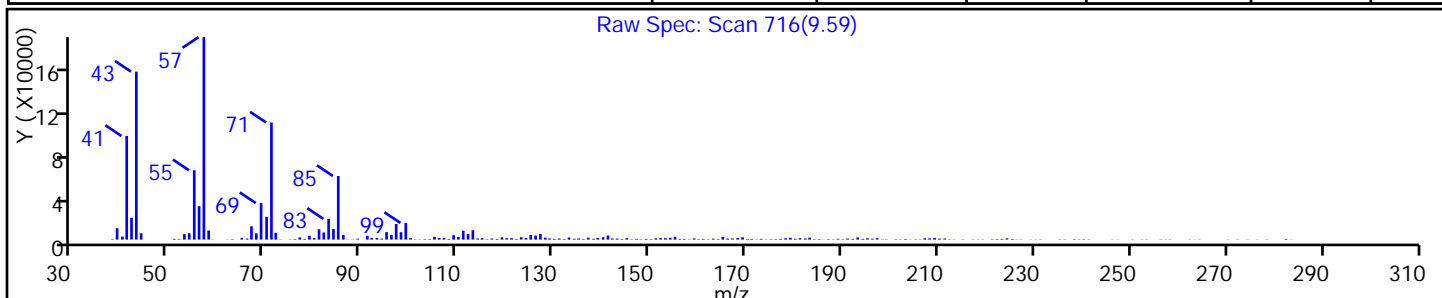
Method: 8270_4R

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	98
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Tridecane, 1-iodo-	35599-77-0	NIST02.L	122578	C13H27I	310	90



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: U94486.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 15:06
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	54	U	400	54
95-57-8	2-Chlorophenol	52	U	400	52
95-48-7	2-Methylphenol	68	U	400	68
106-44-5	4-Methylphenol	78	U	400	78
100-52-7	Benzaldehyde	47	U	400	47
98-86-2	Acetophenone	61	U	400	61
111-44-4	Bis(2-chloroethyl) ether	5.4	U	40	5.4
108-60-1	2,2'-oxybis[1-chloropropane]	44	U	400	44
621-64-7	N-Nitrosodi-n-propylamine	6.7	U	40	6.7
98-95-3	Nitrobenzene	5.7	U *	40	5.7
67-72-1	Hexachloroethane	4.4	U	40	4.4
78-59-1	Isophorone	48	U	400	48
88-75-5	2-Nitrophenol	44	U	400	44
105-67-9	2,4-Dimethylphenol	98	U	400	98
120-83-2	2,4-Dichlorophenol	58	U	400	58
111-91-1	Bis(2-chloroethoxy)methane	51	U	400	51
91-20-3	Naphthalene	46	U	400	46
106-47-8	4-Chloroaniline	110	U	400	110
87-68-3	Hexachlorobutadiene	9.7	U	81	9.7
105-60-2	Caprolactam	92	U	400	92
59-50-7	4-Chloro-3-methylphenol	60	U	400	60
91-57-6	2-Methylnaphthalene	51	U	400	51
118-74-1	Hexachlorobenzene	5.4	U	40	5.4
77-47-4	Hexachlorocyclopentadiene	47	U	400	47
88-06-2	2,4,6-Trichlorophenol	47	U	400	47
95-95-4	2,4,5-Trichlorophenol	51	U	400	51
92-52-4	Diphenyl	53	U	400	53
91-58-7	2-Chloronaphthalene	44	U	400	44
88-74-4	2-Nitroaniline	170	U	810	170
606-20-2	2,6-Dinitrotoluene	12	U	81	12
131-11-3	Dimethyl phthalate	47	U	400	47
208-96-8	Acenaphthylene	47	U	400	47
99-09-2	3-Nitroaniline	140	U	810	140
83-32-9	Acenaphthene	58	U	400	58

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: U94486.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 15:06
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	260	U	1200	260
51-28-5	2,4-Dinitrophenol	230	U	1200	230
132-64-9	Dibenzofuran	47	U	400	47
84-66-2	Diethyl phthalate	48	U	400	48
86-73-7	Fluorene	51	U	400	51
206-44-0	Fluoranthene	53	U	400	53
84-74-2	Di-n-butyl phthalate	49	U	400	49
121-14-2	2,4-Dinitrotoluene	13	U	81	13
7005-72-3	4-Chlorophenyl phenyl ether	47	U	400	47
100-01-6	4-Nitroaniline	120	U	810	120
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1200	110
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40
1912-24-9	Atrazine	62	U	400	62
120-12-7	Anthracene	48	U	400	48
86-74-8	Carbazole	47	U	400	47
85-01-8	Phenanthrene	51	U	400	51
87-86-5	Pentachlorophenol	120	U	1200	120
129-00-0	Pyrene	33	U	400	33
218-01-9	Chrysene	47	U	400	47
207-08-9	Benzo[k]fluoranthene	3.0	U	40	3.0
191-24-2	Benzo[g,h,i]perylene	30	U	400	30
205-99-2	Benzo[b]fluoranthene	2.5	U	40	2.5
50-32-8	Benzo[a]pyrene	2.8	U	40	2.8
56-55-3	Benzo[a]anthracene	2.8	U	40	2.8
86-30-6	N-Nitrosodiphenylamine	39	U	400	39
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	25	U	400	25
193-39-5	Indeno[1,2,3-cd]pyrene	7.4	U	40	7.4
53-70-3	Dibenz(a,h)anthracene	5.0	U	40	5.0
91-94-1	3,3'-Dichlorobenzidine	140	U	810	140
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	400	54
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	400	52

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: U94486.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:30
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 15:06
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	59		40-106
4165-62-2	Phenol-d5	85		44-104
1718-51-0	Terphenyl-d14	108		41-145
118-79-6	2,4,6-Tribromophenol	103		19-114
367-12-4	2-Fluorophenol	66		39-103
321-60-8	2-Fluorobiphenyl	72		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-26SW-SI</u>	Lab Sample ID: <u>460-72180-18</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94486.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 12:30</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>03/12/2014 15:06</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>17.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212014</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>9</u>	TIC Result Total: <u>9120</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	7.19	650	J
	Unknown alkane	7.71	600	J
	Unknown alkane	7.92	790	J
	Unknown alkane	8.11	720	J
54105-67-8	Heptadecane, 2,6-dimethyl-	8.37	2800	J N
	Unknown alkane	8.55	900	J
544-76-3	Hexadecane	8.79	1900	J N
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.25	390	J N
112-95-8	Eicosane	9.61	370	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D
 Lims ID: 460-72180-E-18-A Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 15:06:30 ALS Bottle#: 27 Worklist Smp#: 27
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-027
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: 12-Mar-2014 16:12:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.157	3.121	0.036	90	212643	33.2	
\$ 6 Phenol-d5	99	4.062	4.068	-0.006	81	330677	42.7	
* 13 1,4-Dichlorobenzene-d4	152	4.424	4.410	0.014	98	146415	40.0	
\$ 25 Nitrobenzene-d5	82	4.978	4.977	0.001	89	245863	29.4	
* 35 Naphthalene-d8	136	5.699	5.690	0.009	100	679841	40.0	
\$ 48 2-Fluorobiphenyl	172	6.772	6.765	0.007	97	372168	35.8	
* 61 Acenaphthene-d10	164	7.450	7.436	0.014	92	304885	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.221	8.219	0.002	94	60639	51.7	
* 83 Phenanthrene-d10	188	8.906	8.891	0.015	98	448497	40.0	
\$ 91 Terphenyl-d14	244	10.470	10.465	0.005	97	275669	53.9	
* 96 Chrysene-d12	240	11.668	11.661	0.007	97	220350	40.0	
* 103 Perylene-d12	264	13.586	13.580	0.006	97	194010	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D
 Lims ID: 460-72180-E-18-A Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 15:06:30 ALS Bottle#: 27 Worklist Smp#: 27
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-027
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: croccom Date: 12-Mar-2014 16:12:03

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
7.192	327946	8.12	61	0	0		0	
						Unknown alkane		
7.708	304088	7.53	61	0	0		0	
						Unknown alkane		
7.918	399060	9.88	61	0	0		0	
						Unknown alkane		
8.105	361753	8.95	61	0	0		0	
						54105-67-8 Heptadecane, 2,6-dimethyl-		
8.372	1068481	35.2	83	96	99490	C19H40	268	
						Unknown alkane		
8.546	342066	11.3	83	0	0		0	
						544-76-3 Hexadecane		
8.791	725658	23.9	83	91	73965	C16H34	226	
						7012-37-5 1,1'-Biphenyl, 2,4,4'-trichloro-		
9.253	145977	4.80	83	97	91796	C12H7Cl3	256	
						112-95-8 Eicosane		
9.610	138540	4.56	83	95	107652	C20H42	282	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.439	1615935	40.0
* 83 Phenanthrene-d10	8.906	1215871	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Worklist Smp#: 27

Client ID: PMP-26SW-SI

Injection Vol: 1.0 ul

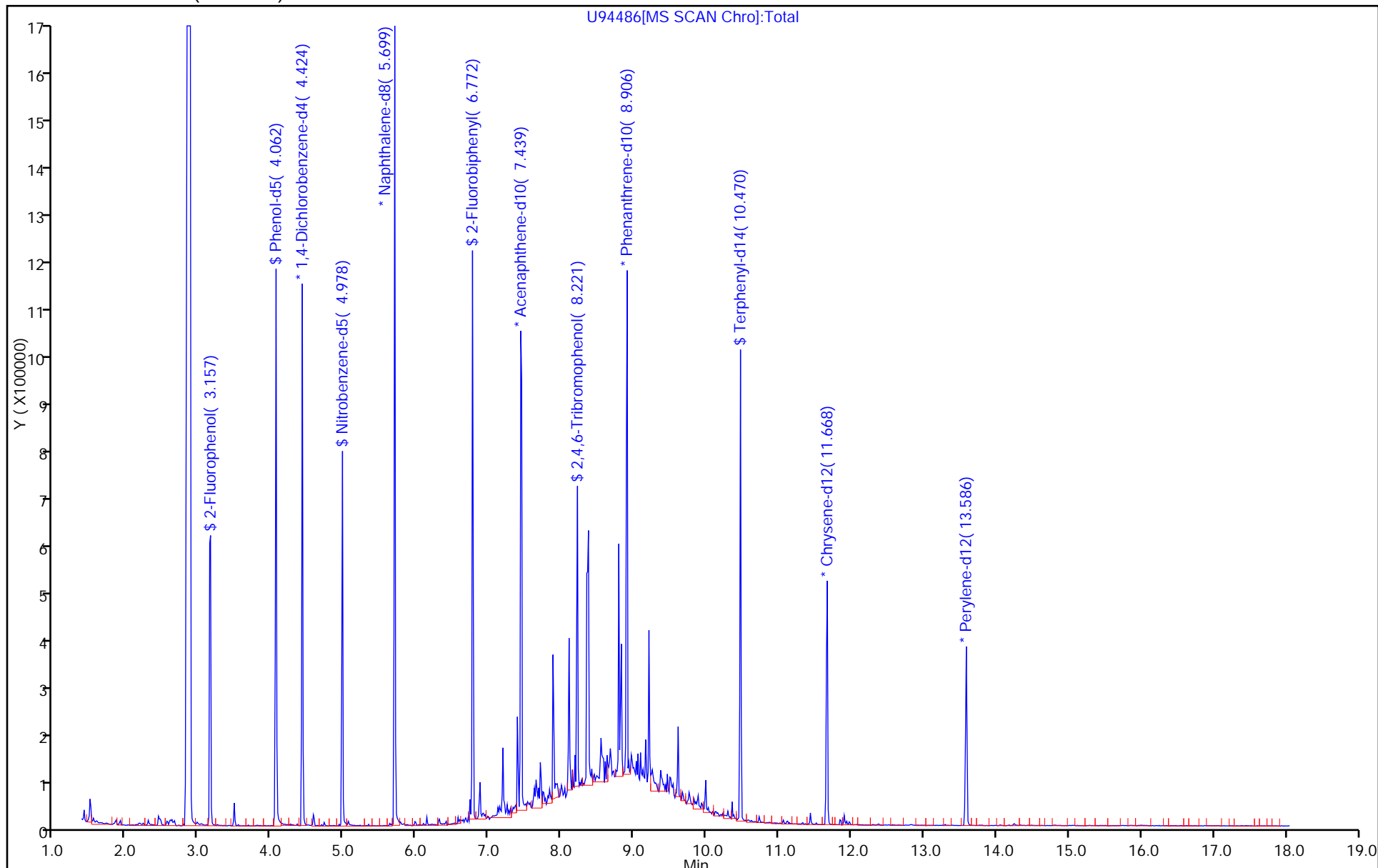
Dil. Factor: 1.0000

ALS Bottle#: 27

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

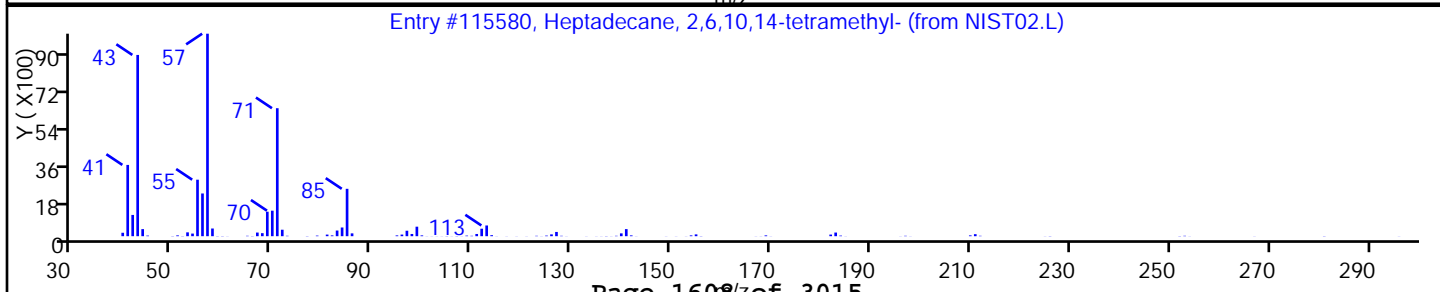
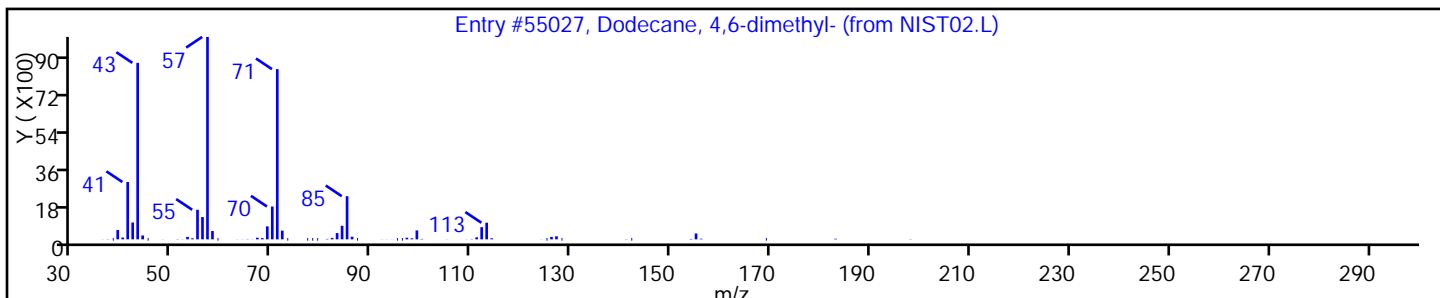
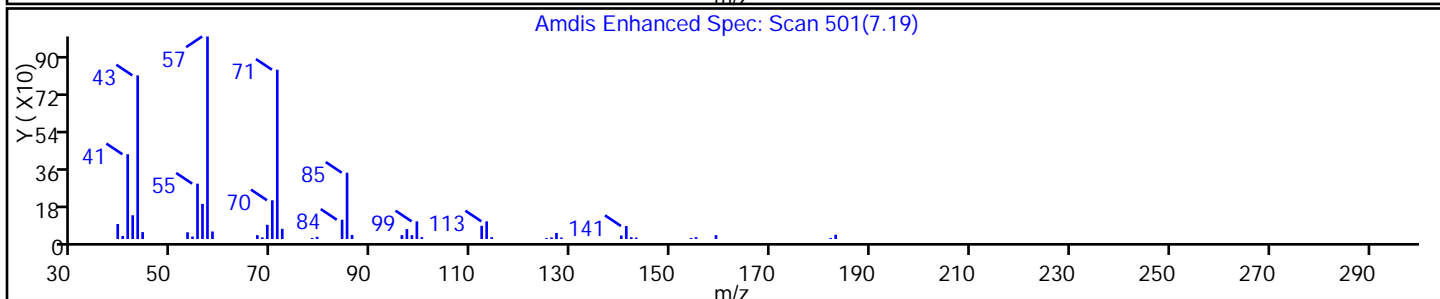
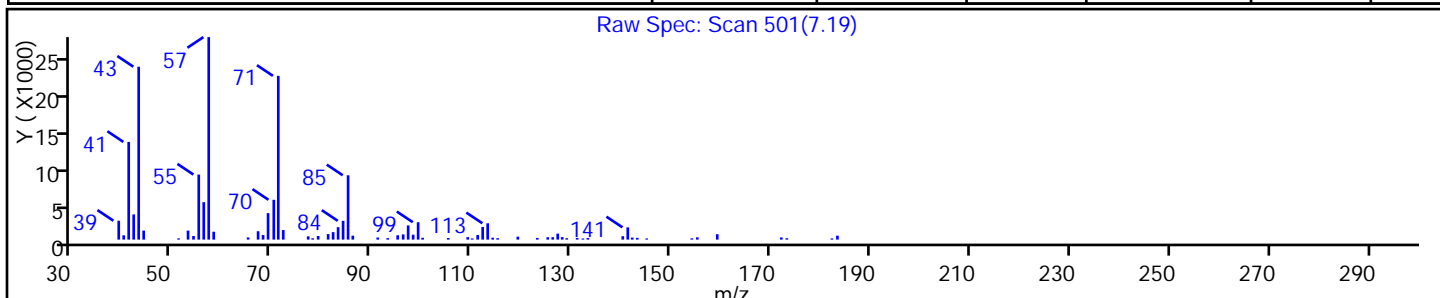
Method: 8270_4R

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, 4,6-dimethyl-	61141-72-8	NIST02.L	55027	C14H30	198	83
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

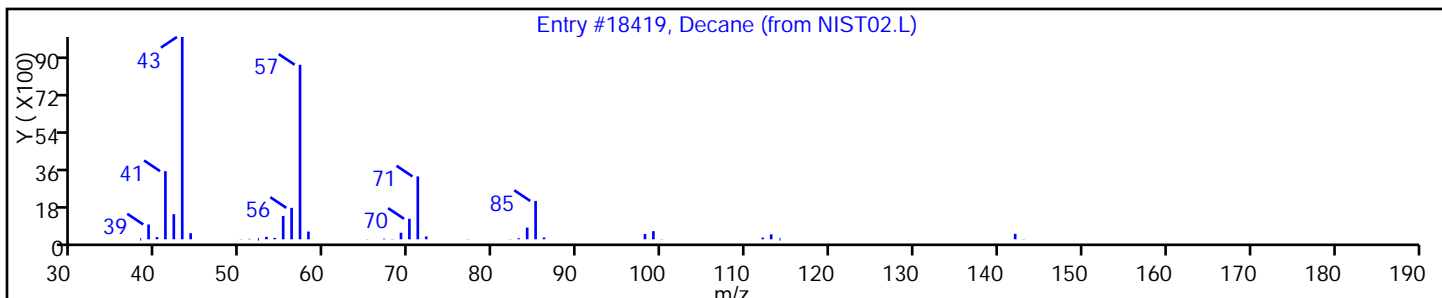
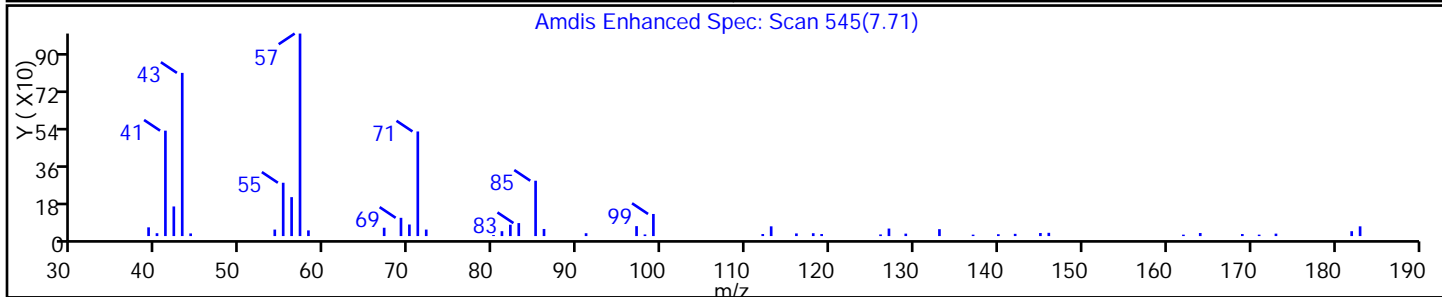
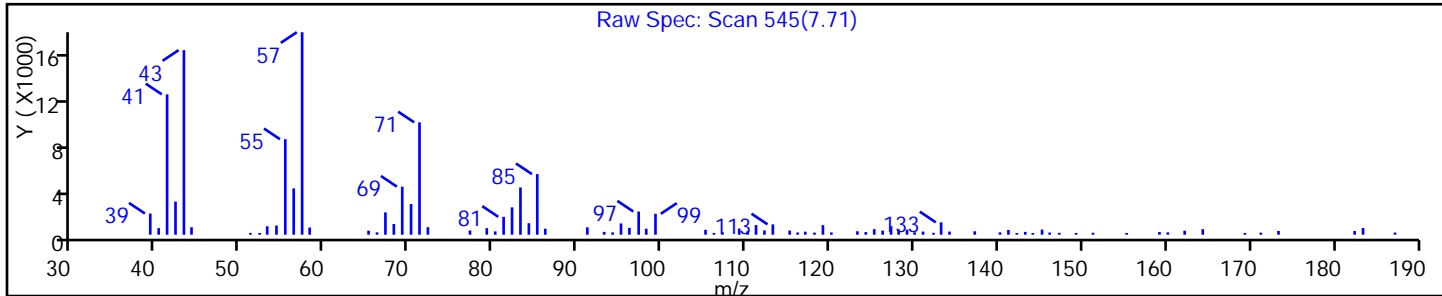
Method: 8270_4R

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
Decane	124-18-5	NIST02.L	18419	C10H22	142	80



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

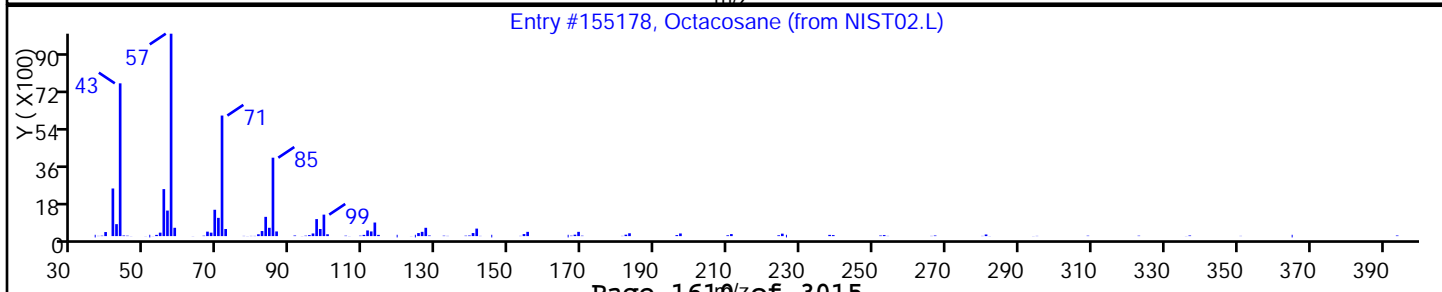
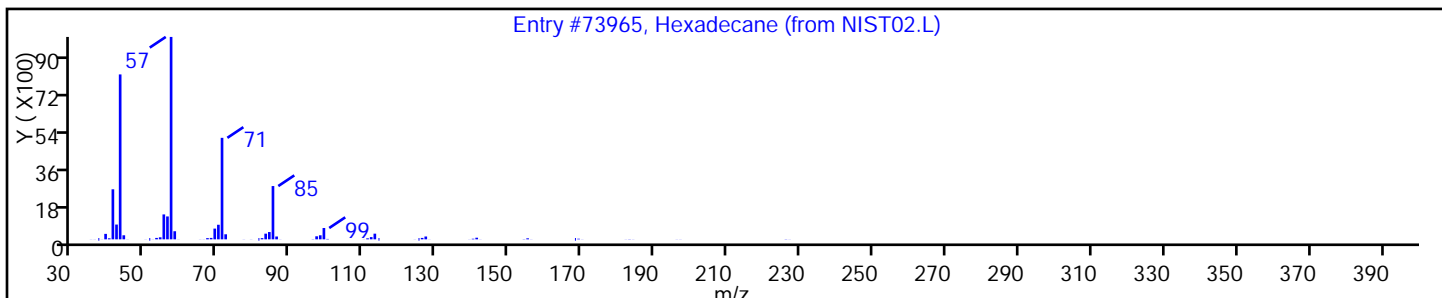
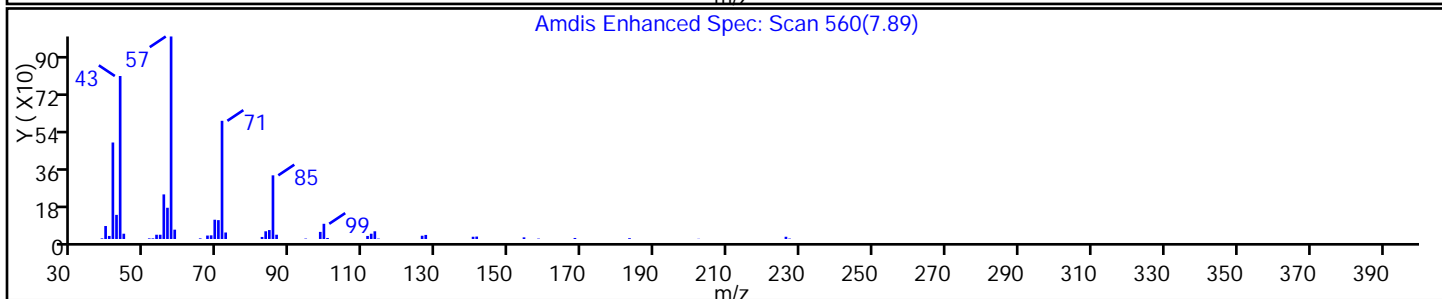
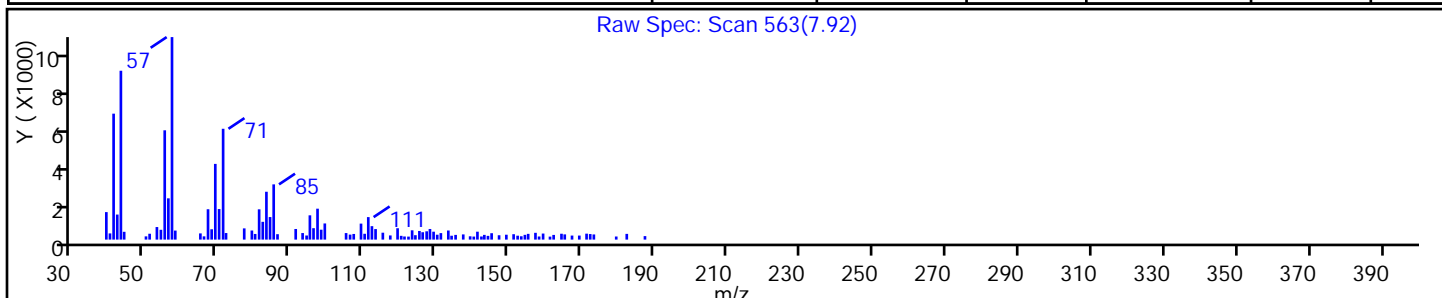
Method: 8270_4R

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	96
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

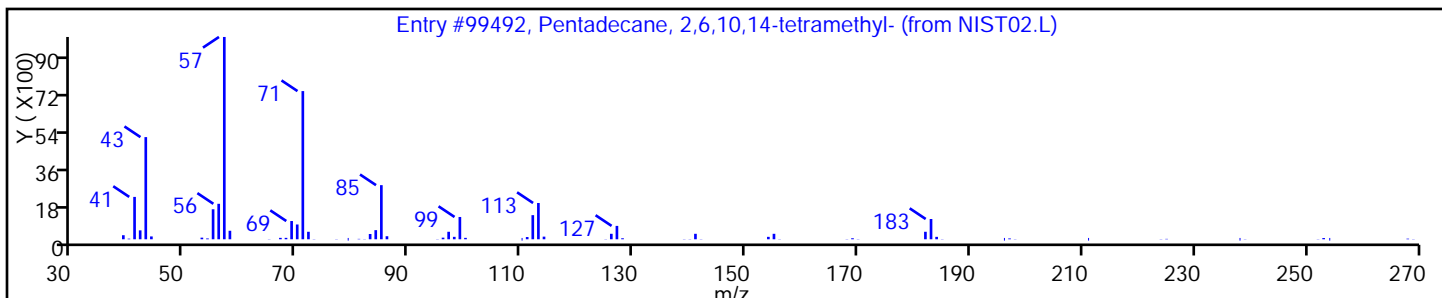
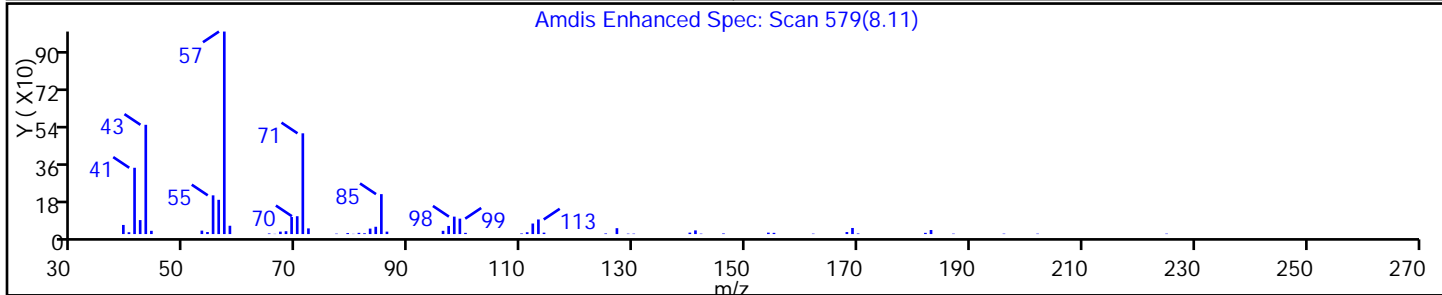
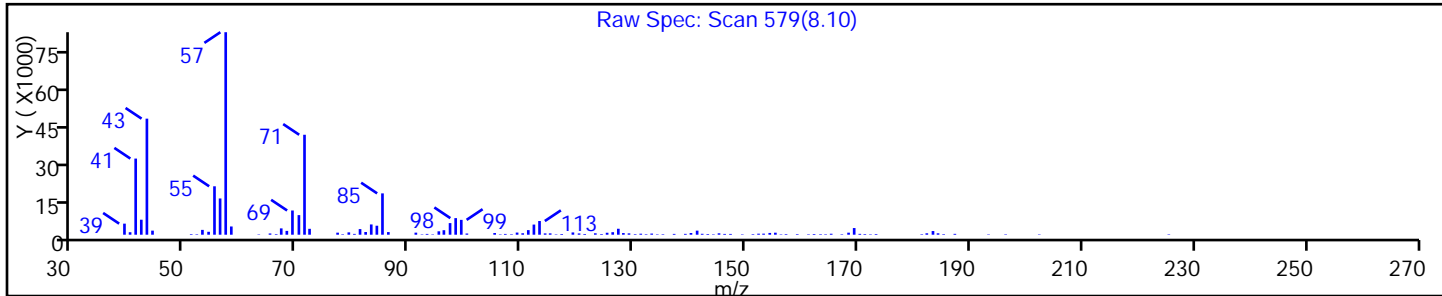
Method: 8270_4R

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
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

27

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

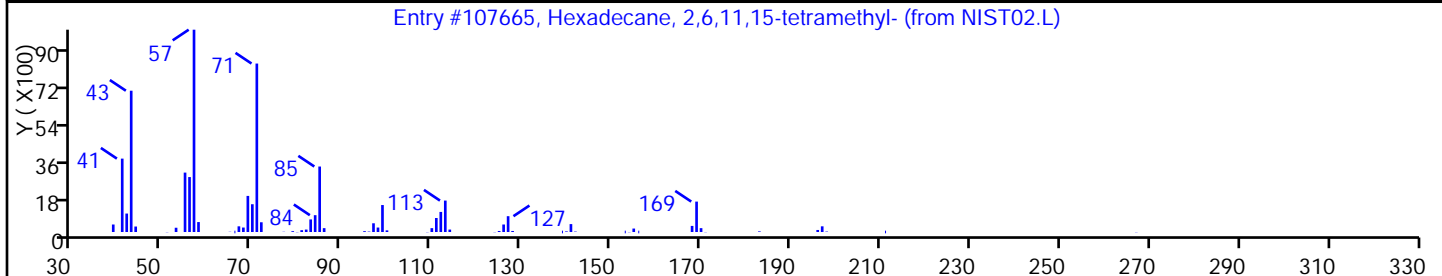
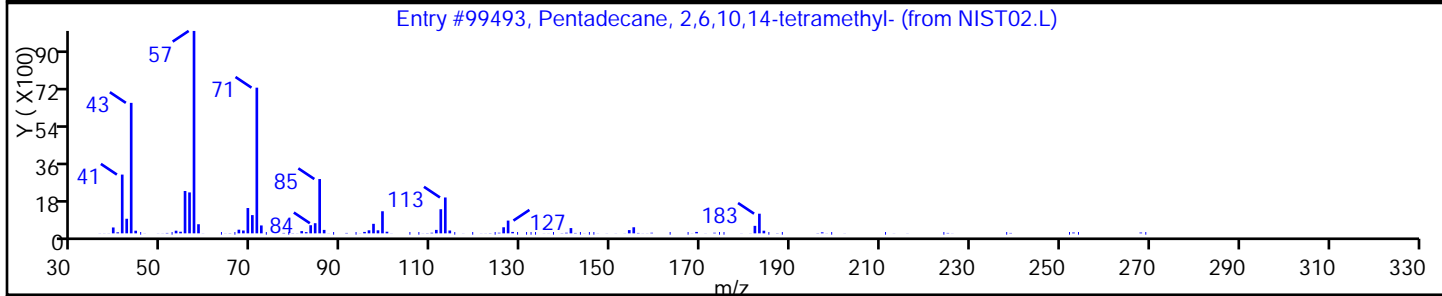
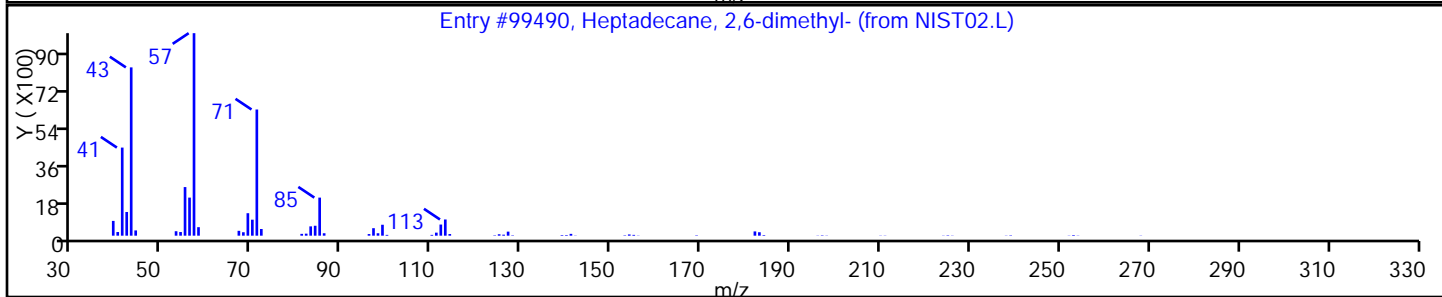
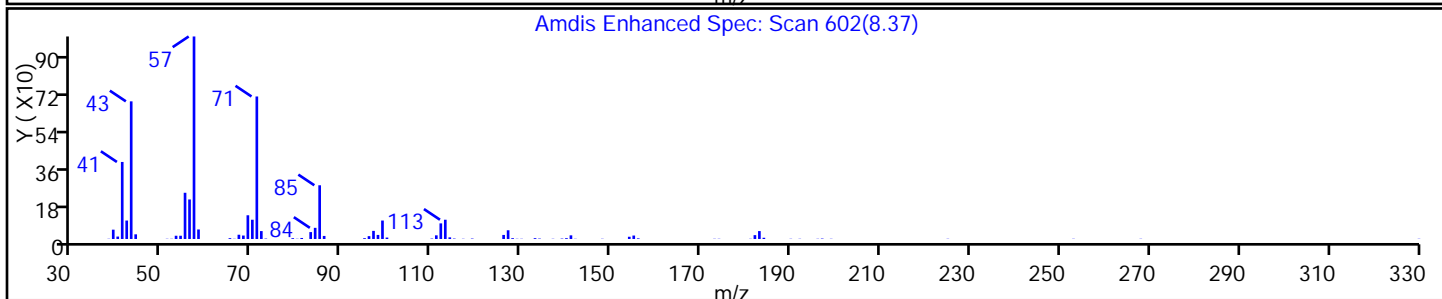
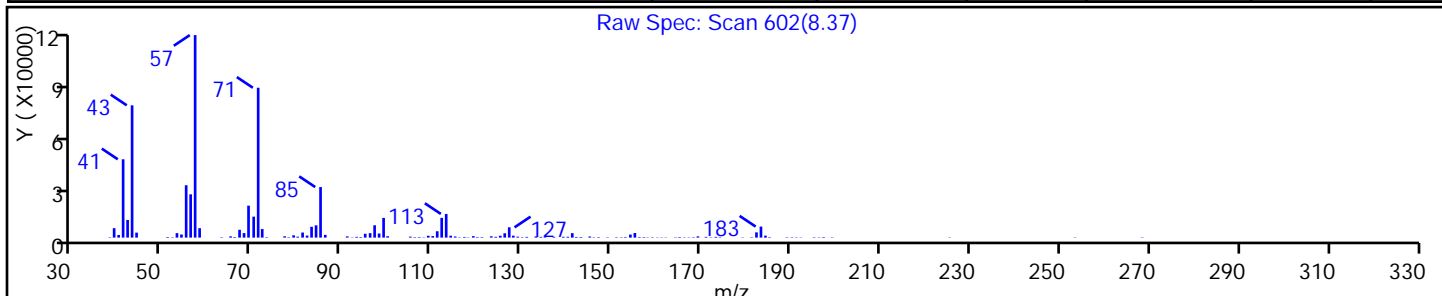
SV 8270 ICAL

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	96
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	95
Hexadecane, 2,6,11,15-tetramethyl-	504-44-9	NIST02.L	107665	C20H42	282	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

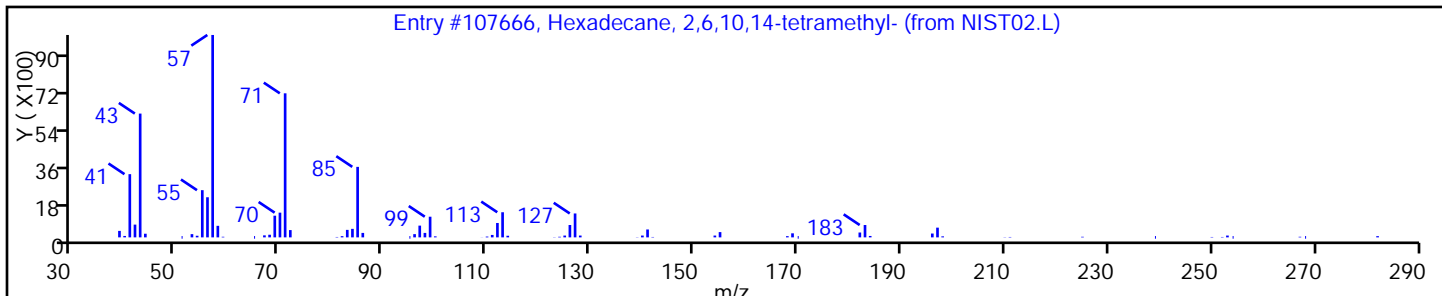
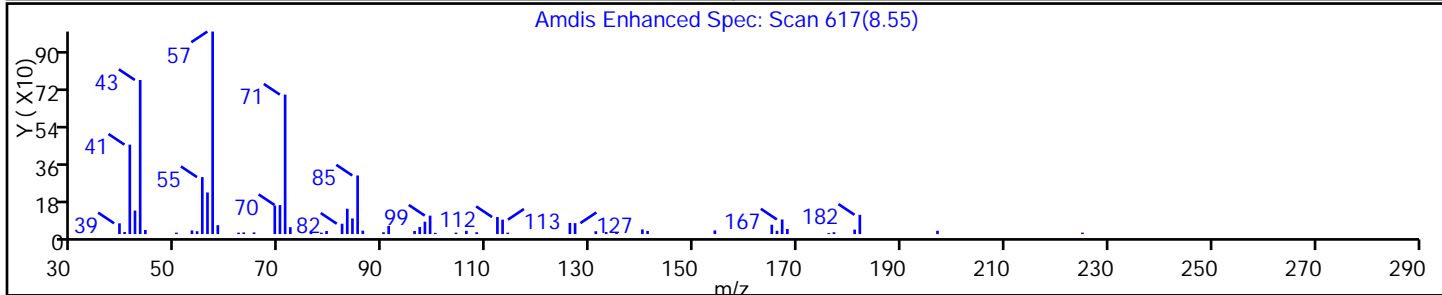
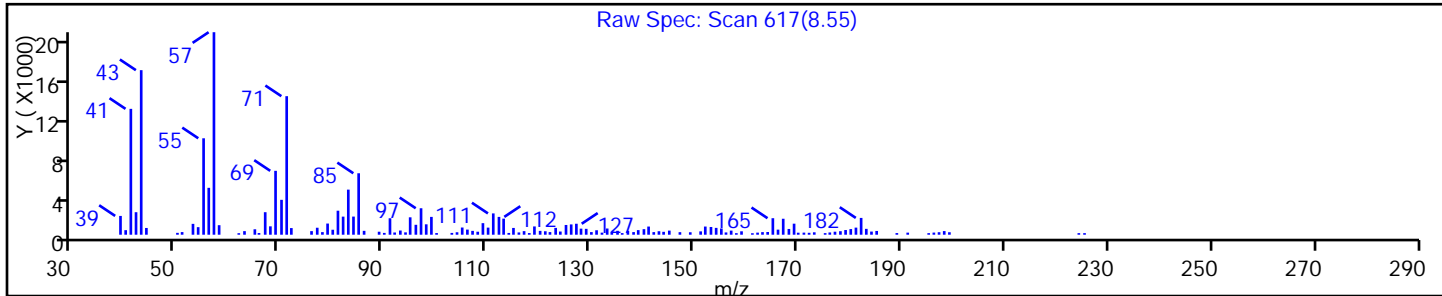
Method: 8270_4R

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, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#:

27

Worklist Smp#:

27

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

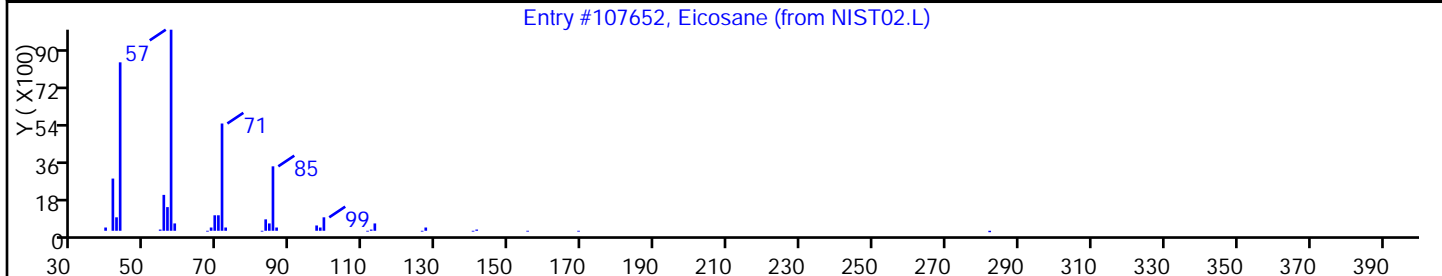
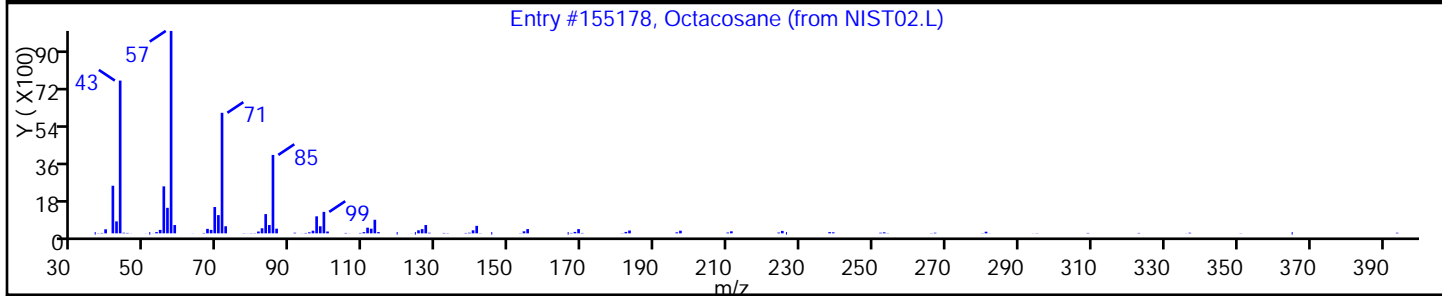
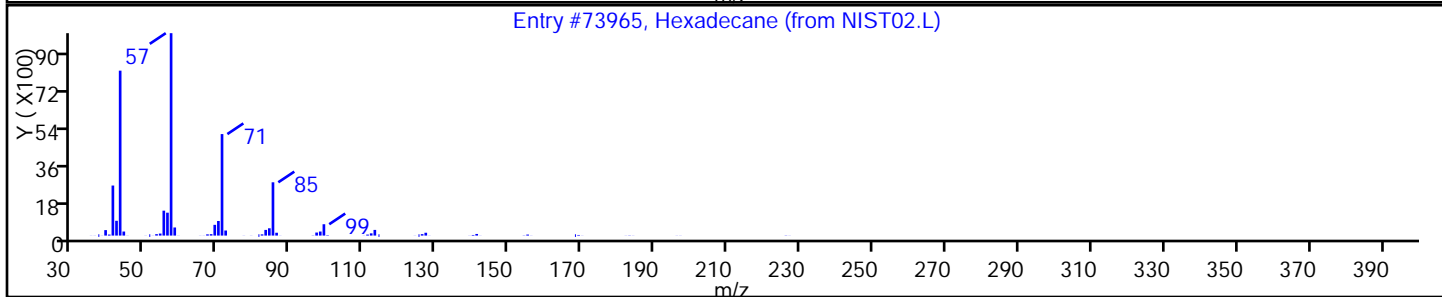
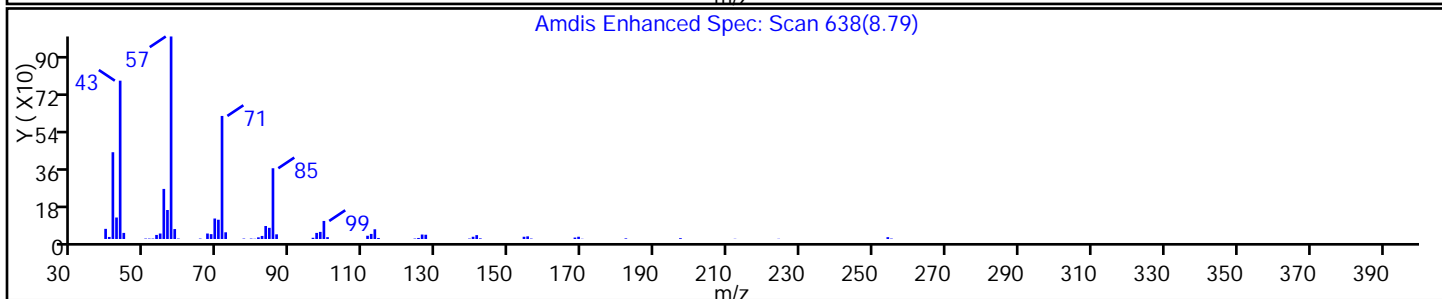
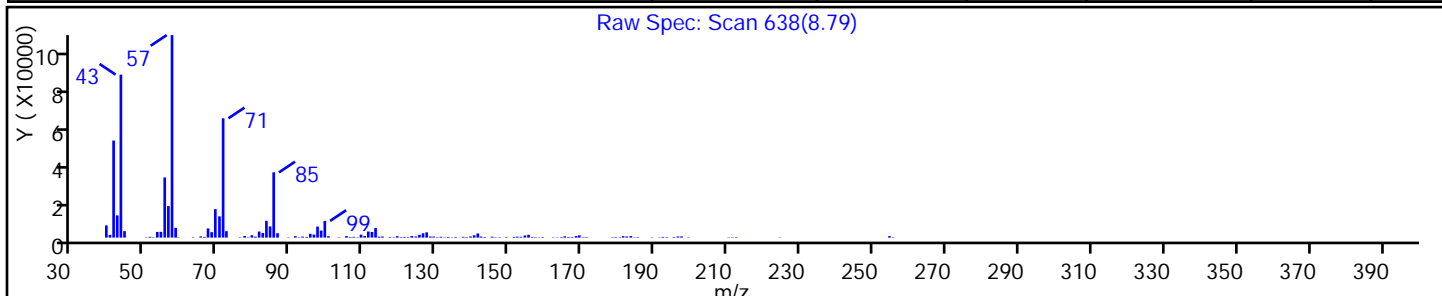
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

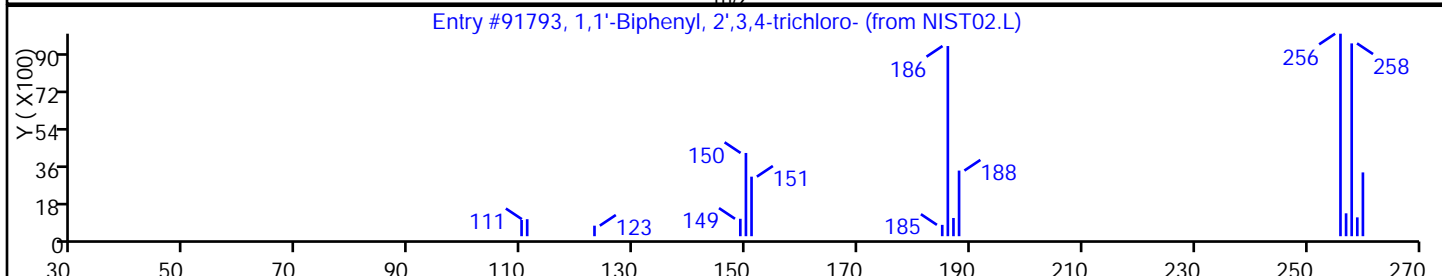
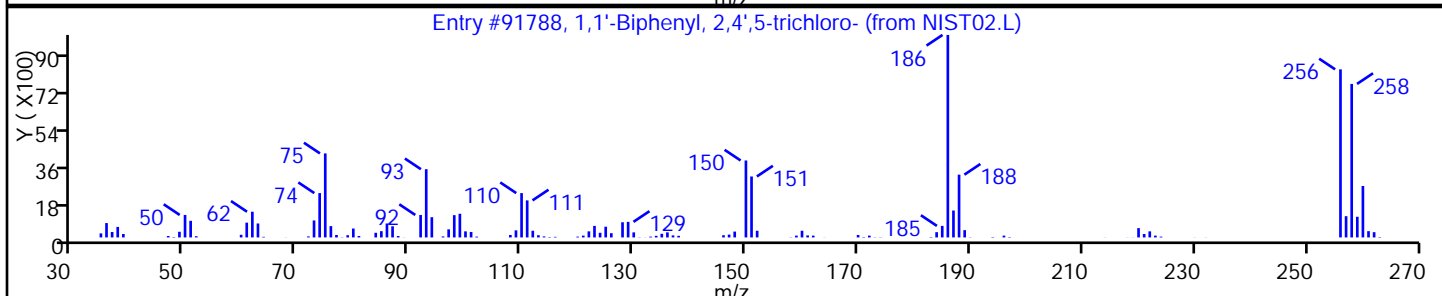
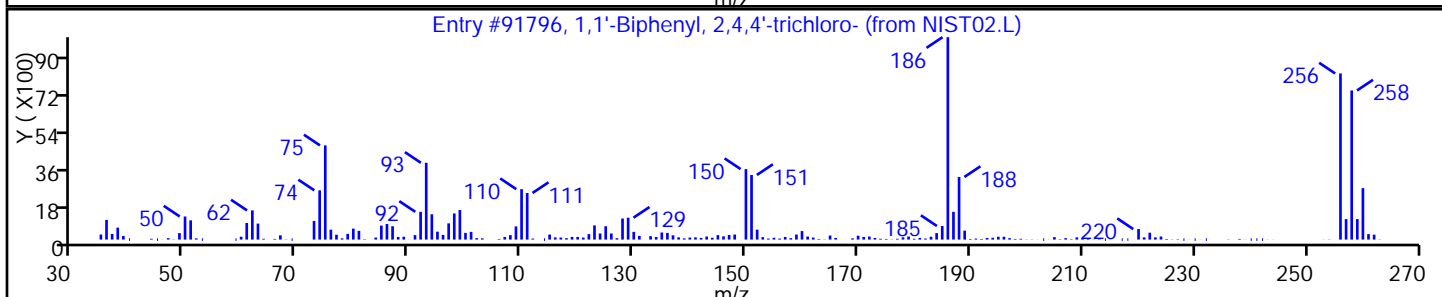
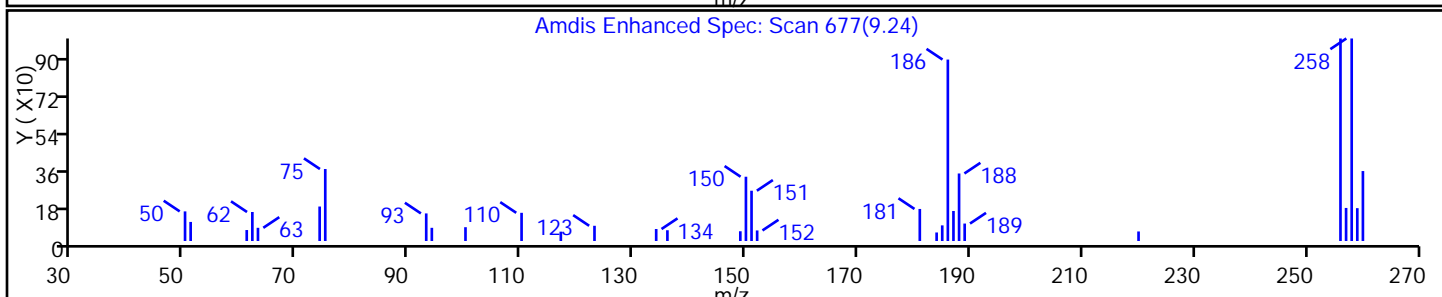
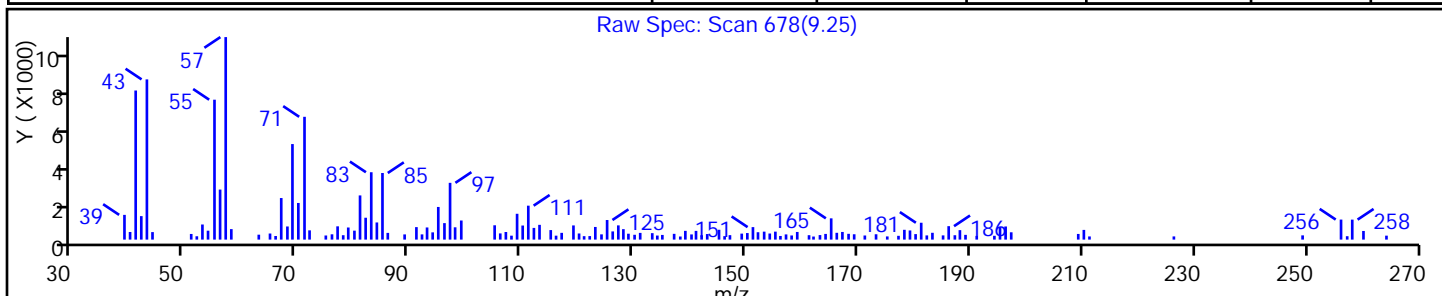
Method: 8270_4R

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	97
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	95
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	94



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140312-10744.b\U94486.D

Injection Date: 12-Mar-2014 15:06:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 27

Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

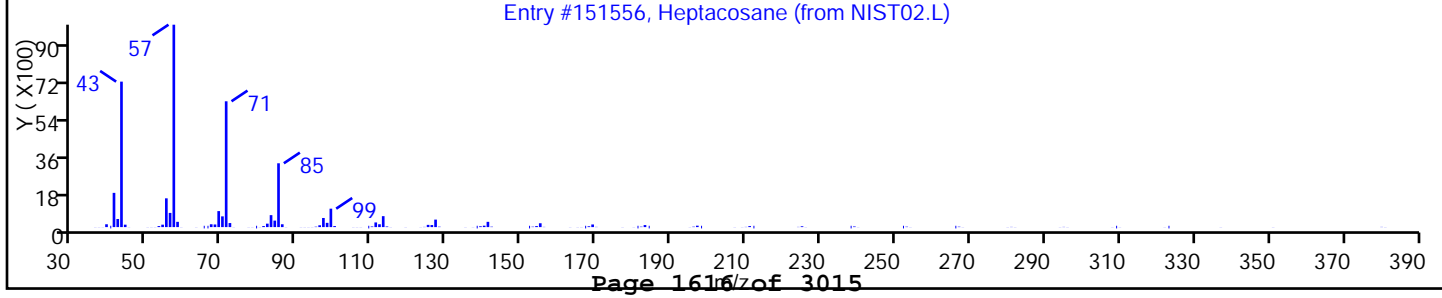
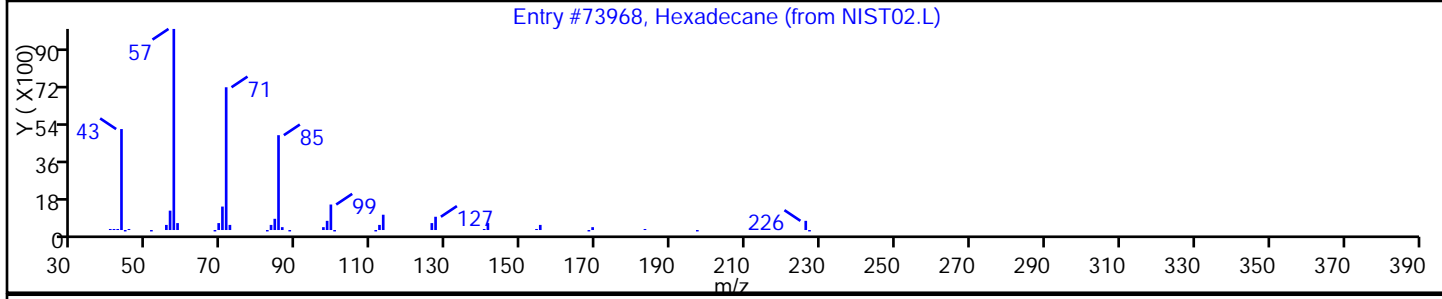
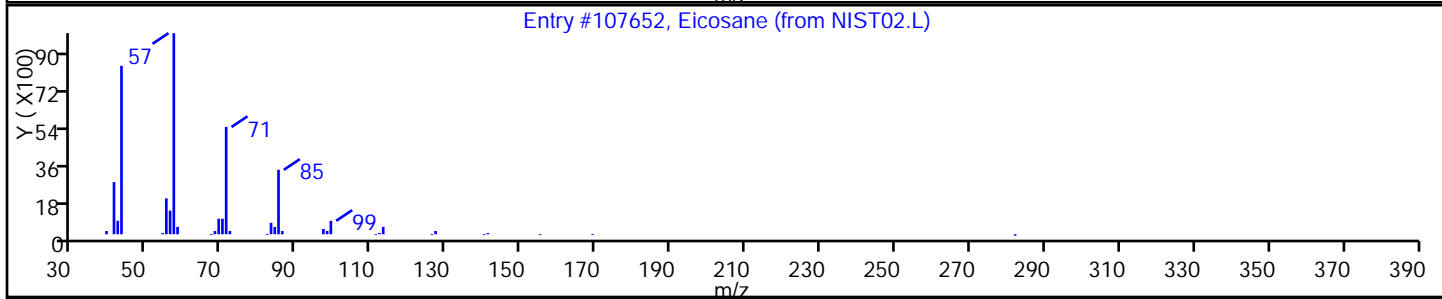
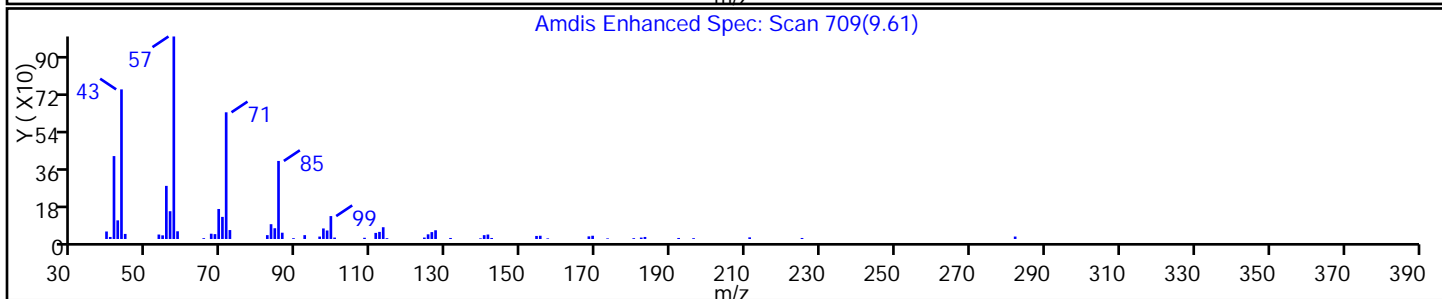
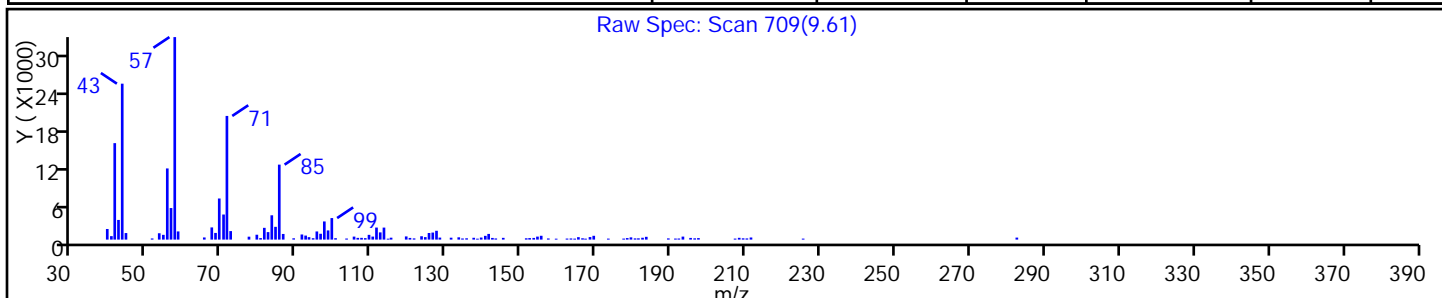
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	95
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	91
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: U94487.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 15:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	61	U	350	61
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	55	U	350	55
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	4.0	U	35	4.0
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	88	U	350	88
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	4.9	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	42	U	350	42
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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: U94487.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 15:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	33	U	350	33
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: U94487.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 15:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		40-106
4165-62-2	Phenol-d5	84		44-104
1718-51-0	Terphenyl-d14	116		41-145
118-79-6	2,4,6-Tribromophenol	98		19-114
367-12-4	2-Fluorophenol	74		39-103
321-60-8	2-Fluorobiphenyl	71		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: U94487.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 15:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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\CBNAMS4\20140312-10744.b\U94487.D
 Lims ID: 460-72180-E-19-A Lab Sample ID: 460-72180-19
 Client ID: PMP-27SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 15:28:30 ALS Bottle#: 28 Worklist Smp#: 28
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-028
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: 12-Mar-2014 16:12:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.154	3.121	0.033	88	262749	37.0	
\$ 6 Phenol-d5	99	4.063	4.068	-0.005	71	359613	41.9	
* 13 1,4-Dichlorobenzene-d4	152	4.424	4.410	0.014	97	162202	40.0	
\$ 25 Nitrobenzene-d5	82	4.983	4.977	0.006	90	293086	31.7	
* 35 Naphthalene-d8	136	5.705	5.690	0.015	100	750937	40.0	
\$ 48 2-Fluorobiphenyl	172	6.775	6.765	0.010	97	431612	35.3	
* 61 Acenaphthene-d10	164	7.451	7.436	0.015	92	357719	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.218	8.219	-0.001	83	67642	49.2	
* 83 Phenanthrene-d10	188	8.906	8.891	0.015	99	560972	40.0	
\$ 91 Terphenyl-d14	244	10.469	10.465	0.004	96	340464	58.2	
* 96 Chrysene-d12	240	11.667	11.661	0.006	98	251940	40.0	
* 103 Perylene-d12	264	13.590	13.580	0.010	97	204578	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94487.D

Injection Date: 12-Mar-2014 15:28:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-19-A

Lab Sample ID: 460-72180-19

Worklist Smp#: 28

Client ID: PMP-27SW-VD

Injection Vol: 1.0 ul

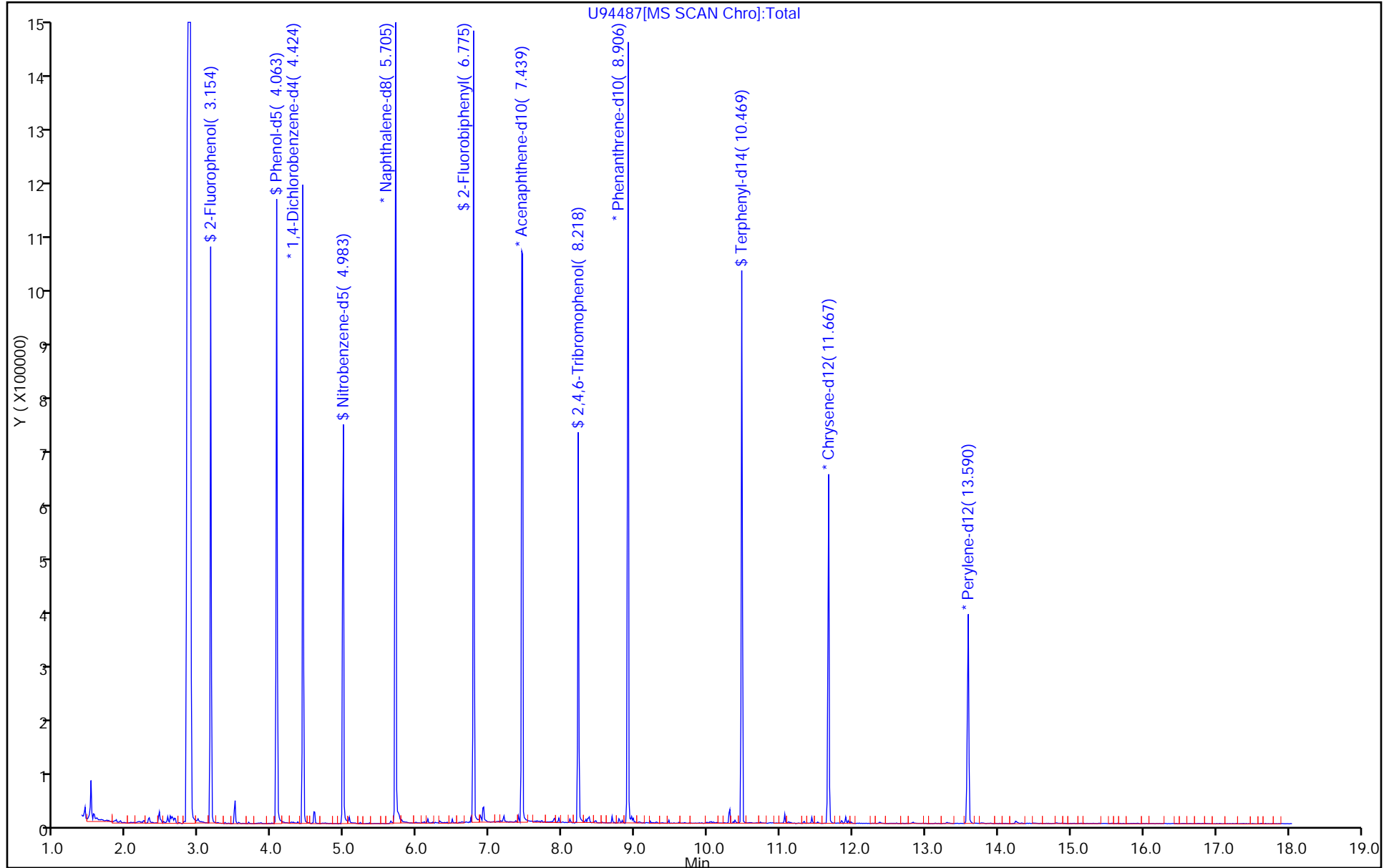
Dil. Factor: 1.0000

ALS Bottle#: 28

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: U94503.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 07:49
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	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	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
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	50	U	380	50
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	78	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: U94503.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 07:49
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	140	J	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	45	J	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: U94503.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 07:49
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	44		40-106
4165-62-2	Phenol-d5	72		44-104
1718-51-0	Terphenyl-d14	96		41-145
118-79-6	2,4,6-Tribromophenol	69		19-114
367-12-4	2-Fluorophenol	52		39-103
321-60-8	2-Fluorobiphenyl	70		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-27SW-WT</u>	Lab Sample ID: <u>460-72180-20</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94503.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 11:45</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>03/13/2014 07:49</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>13.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>80700</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
629-62-9	Pentadecane	7.39	2400	J N
	Unknown	7.62	2200	J
	Unknown	7.83	3000	J
544-76-3	Hexadecane	7.89	5400	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.10	5100	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.37	17000	J N
	Unknown	8.54	2400	J
593-45-3	Octadecane	8.80	7500	J N
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.82	5300	J N
629-62-9	Pentadecane	8.97	7700	J N
629-92-5	Nonadecane	9.21	5400	J N
	Unknown	9.36	2000	J
112-95-8	Eicosane	9.61	6700	J N
629-94-7	Heneicosane	9.75	6200	J N
629-97-0	Docosane	10.35	2400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D
 Lims ID: 460-72180-E-20-A Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 07:49:30 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-014
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 18:47:32 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: XAWRK021

First Level Reviewer: asfawa

Date: 13-Mar-2014 09:08:37

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.122	3.126	-0.004	86	119161	25.9	
\$ 6 Phenol-d5	99	4.044	4.072	-0.028	71	200960	36.1	
* 13 1,4-Dichlorobenzene-d4	152	4.402	4.423	-0.021	94	105287	40.0	
\$ 25 Nitrobenzene-d5	82	4.962	4.984	-0.022	89	137588	22.0	
* 35 Naphthalene-d8	136	5.684	5.696	-0.012	100	508506	40.0	
\$ 48 2-Fluorobiphenyl	172	6.766	6.780	-0.014	98	284260	35.2	
* 61 Acenaphthene-d10	164	7.431	7.444	-0.013	92	236848	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.214	8.223	-0.009	82	31618	34.7	
* 83 Phenanthrene-d10	188	8.898	8.909	-0.011	98	363955	40.0	
87 Di-n-butyl phthalate	149	9.460	9.471	-0.011	80	25476	1.87	
90 Pyrene	202	10.303	10.312	-0.009	87	3845	0.5849	
\$ 91 Terphenyl-d14	244	10.460	10.464	-0.004	97	232176	48.1	
* 96 Chrysene-d12	240	11.652	11.672	-0.020	96	207927	40.0	
* 103 Perylene-d12	264	13.573	13.590	-0.017	98	167662	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D
 Lims ID: 460-72180-E-20-A Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 07:49:30 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-014
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 18:47:32 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: XAWRK021
 First Level Reviewer: asfawa Date: 13-Mar-2014 09:08:37

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
629-62-9	Pentadecane							
7.385	990130	31.2	61	94	64571	C15H32	212	M
	Unknown							
7.618	914862	28.9	61					
	Unknown							
7.832	1217585	38.4	61					
544-76-3	Hexadecane							
7.888	2207443	69.7	61	97	73965	C16H34	226	M
3892-00-0	Pentadecane, 2,6,10-trimethyl-							
8.101	2073864	65.4	61	91	91053	C18H38	254	M
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-							
8.370	5534489	219.6	83	96	99493	C19H40	268	M
	Unknown							
8.539	792583	31.5	83					M
593-45-3	Octadecane							
8.797	2453911	97.4	83	97	91037	C18H38	254	M
31295-56-4	Dodecane, 2,6,11-trimethyl-							
8.819	1713113	68.0	83	94	64591	C15H32	212	M
629-62-9	Pentadecane							
8.965	2500422	99.2	83	91	64571	C15H32	212	
629-92-5	Nonadecane							
9.213	1752133	69.5	83	97	99477	C19H40	268	M
	Unknown							
9.359	636153	25.2	83					M

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
112-95-8	Eicosane							
9.607	2171537	86.2	83	98	107652	C20H42	282	
629-94-7	Heneicosane							
9.753	2023150	80.3	83	94	115570	C21H44	296	
629-97-0	Docosane							
10.348	548552	30.9	96	97	123096	C22H46	310	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.431	1267646	40.0
* 83 Phenanthrene-d10	8.898	1008017	40.0
* 96 Chrysene-d12	11.652	710470	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Worklist Smp#: 14

Client ID: PMP-27SW-WT

Injection Vol: 1.0 ul

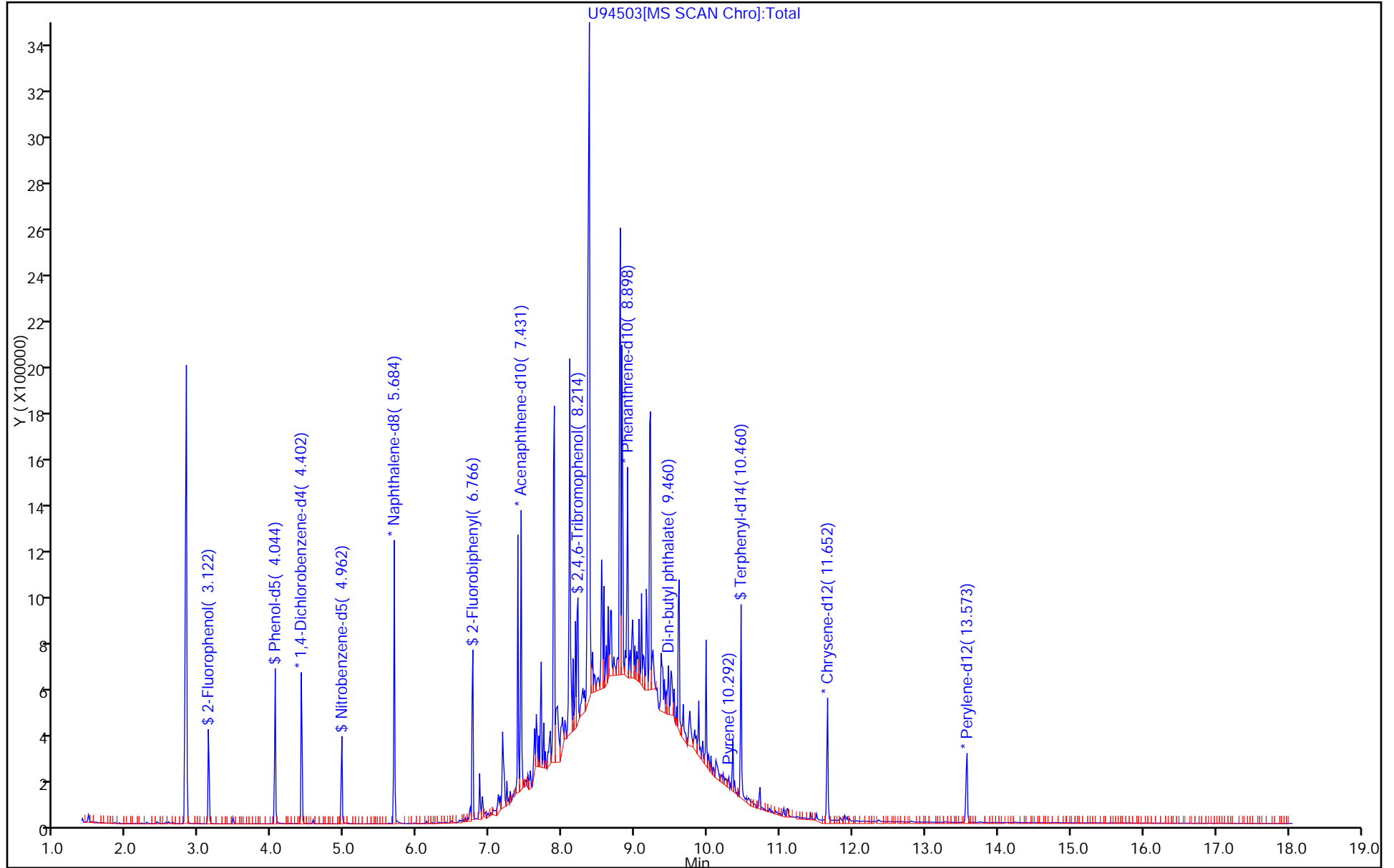
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

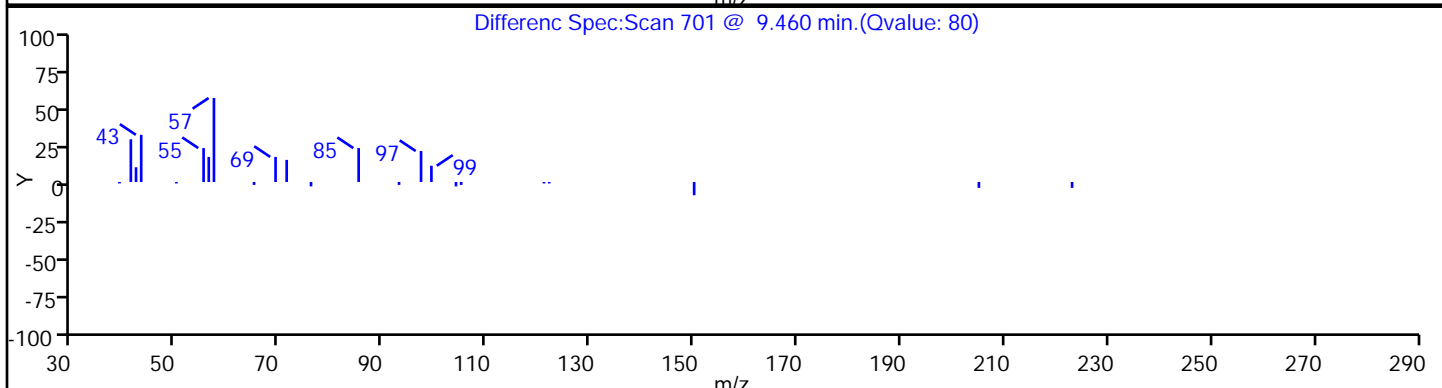
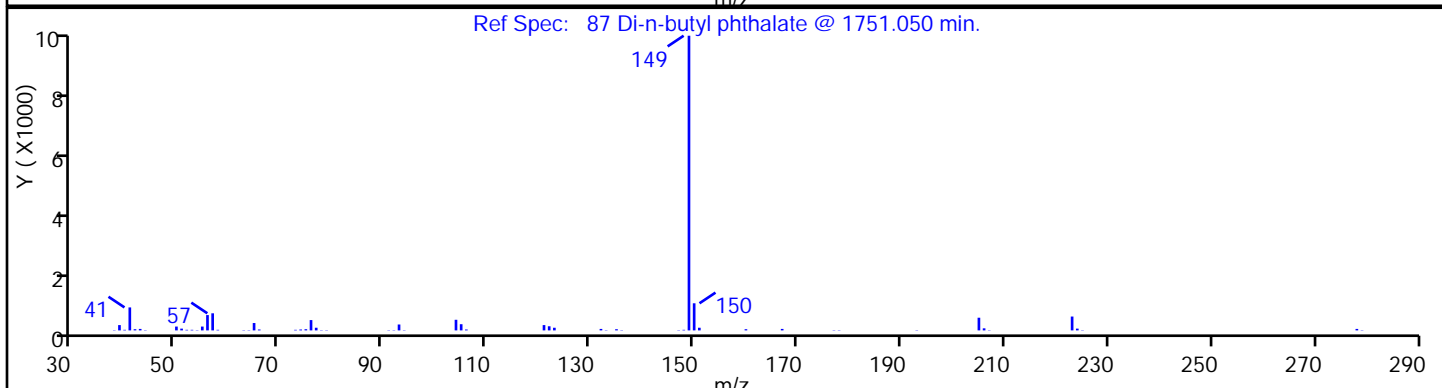
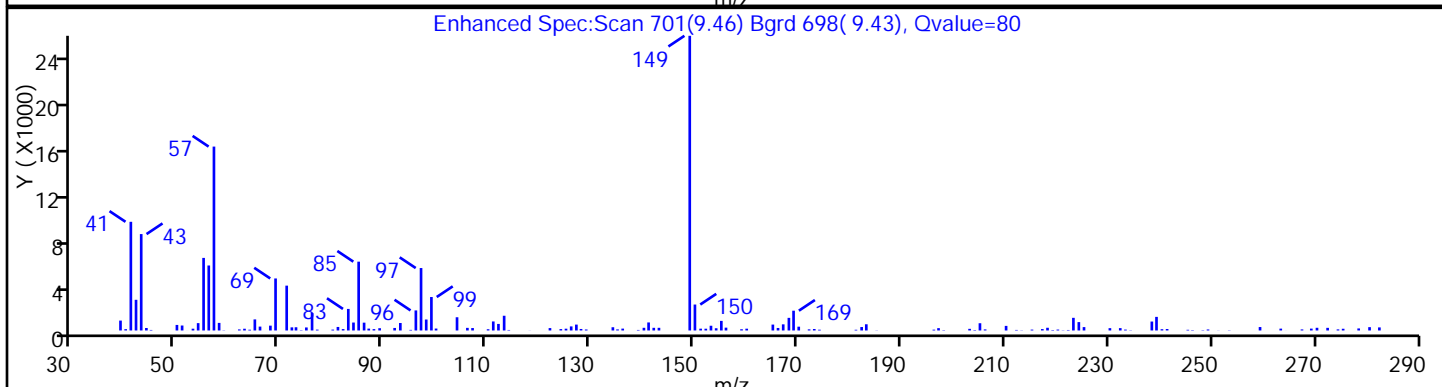
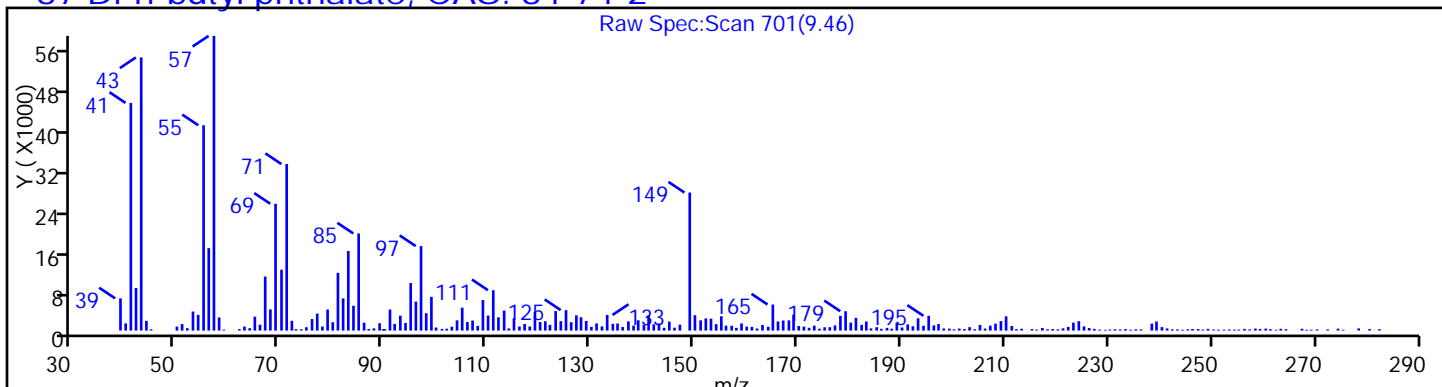
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

87 Di-n-butyl phthalate, CAS: 84-74-2



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

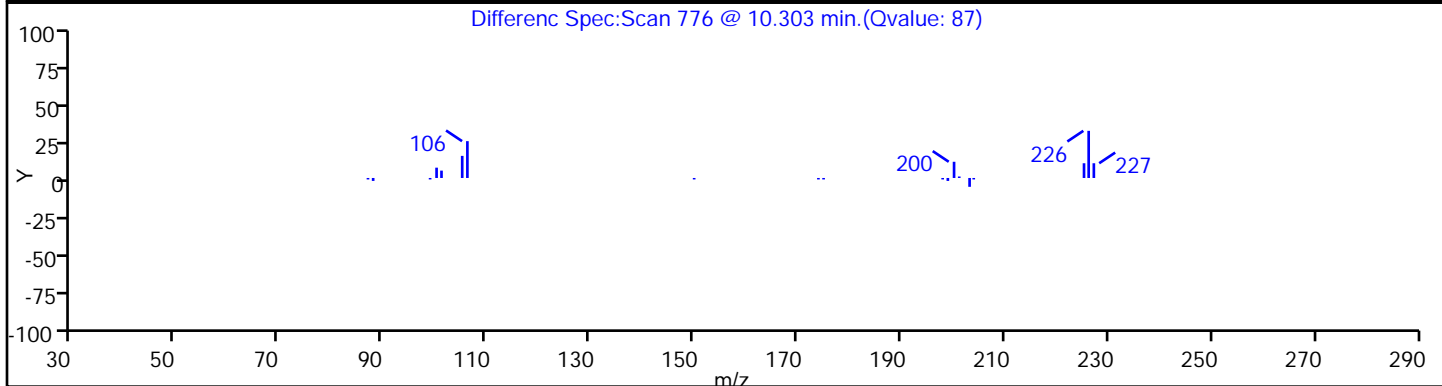
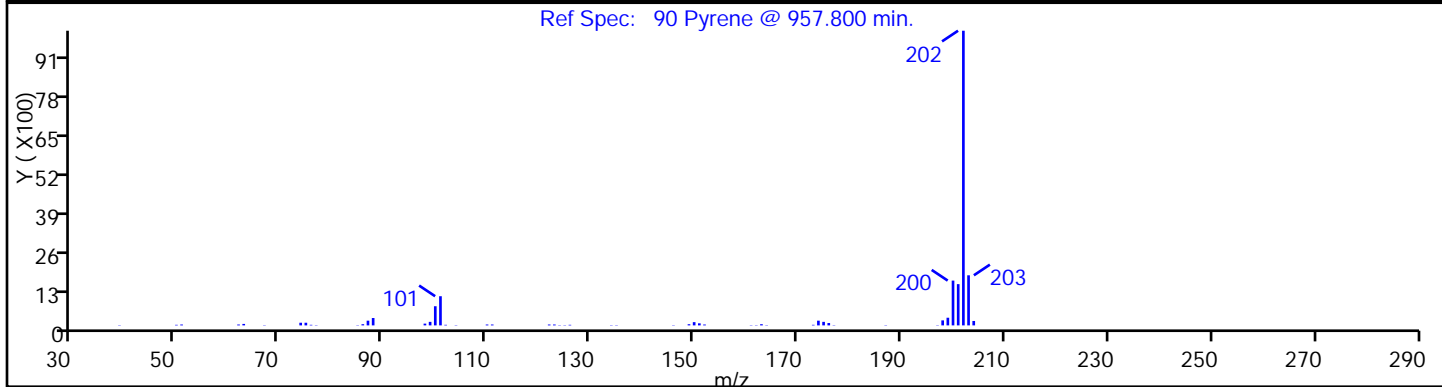
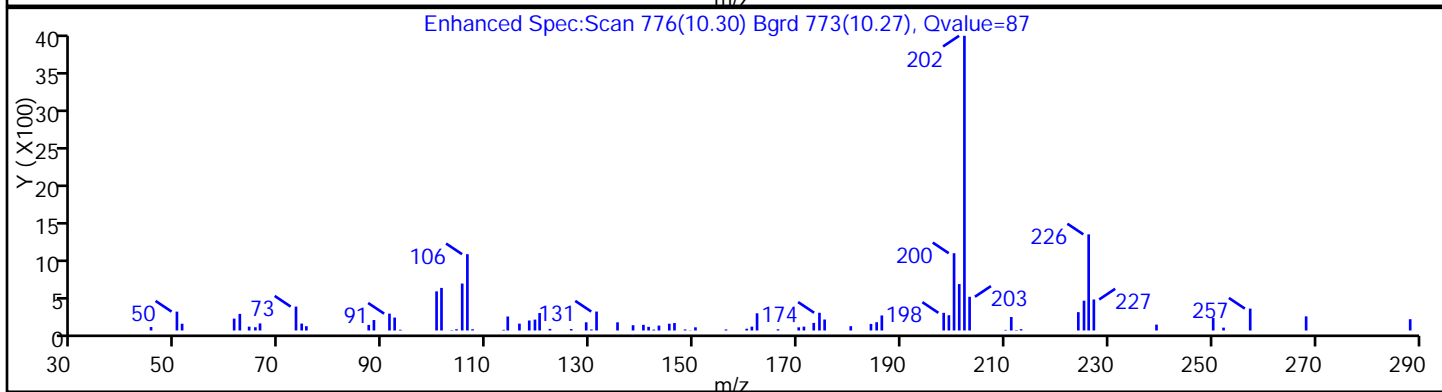
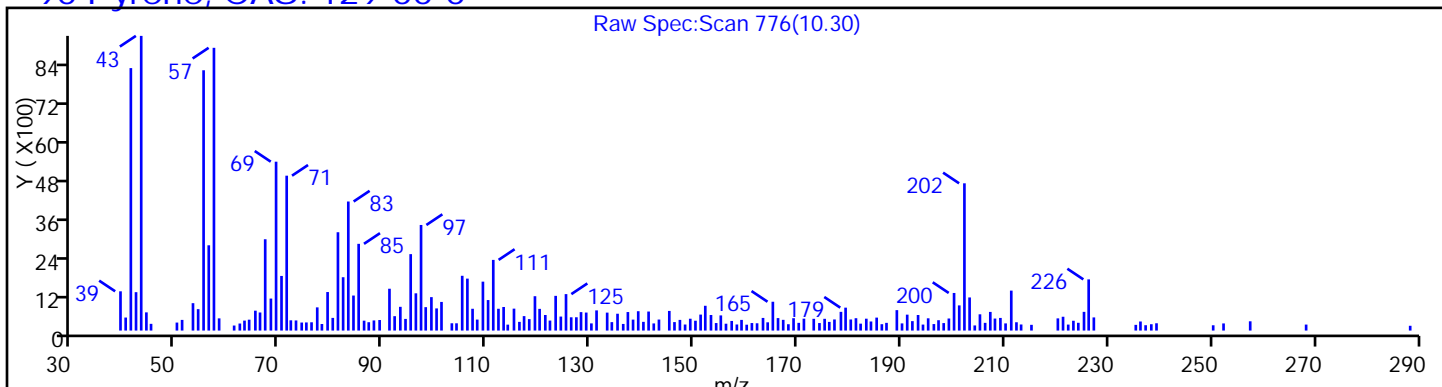
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

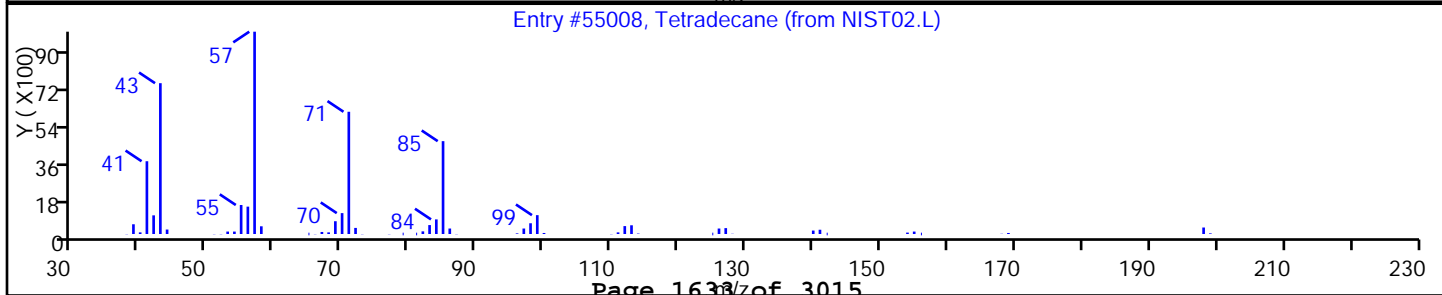
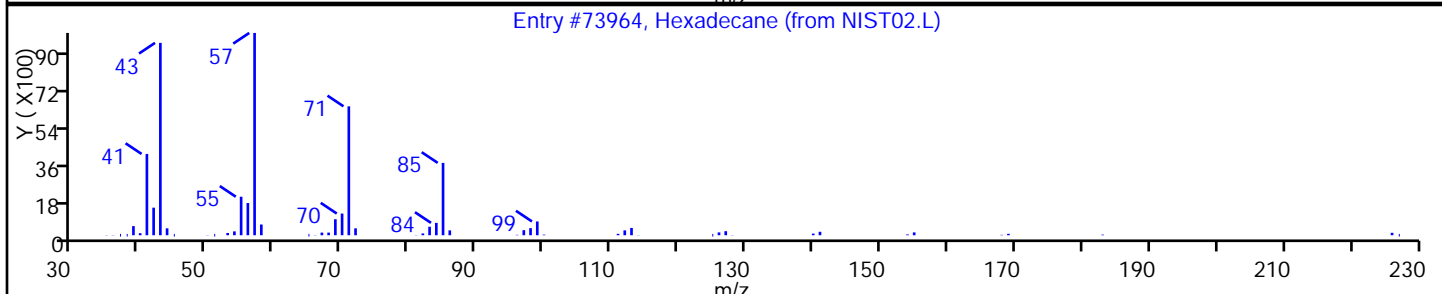
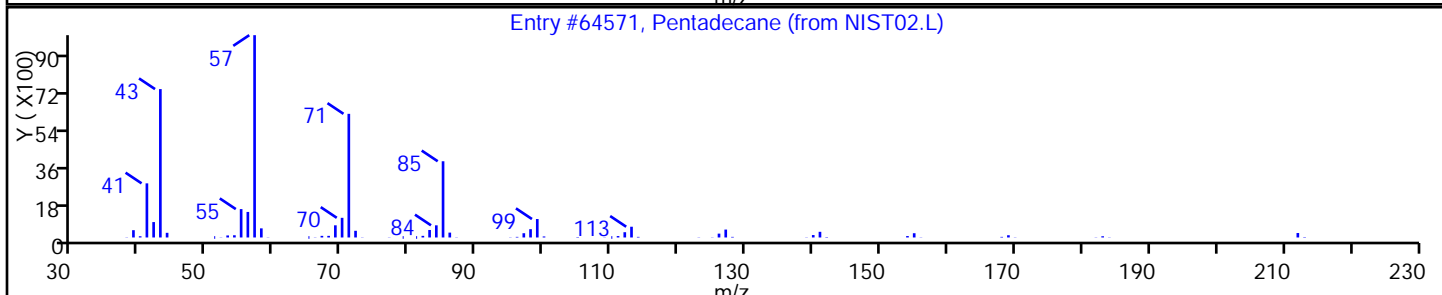
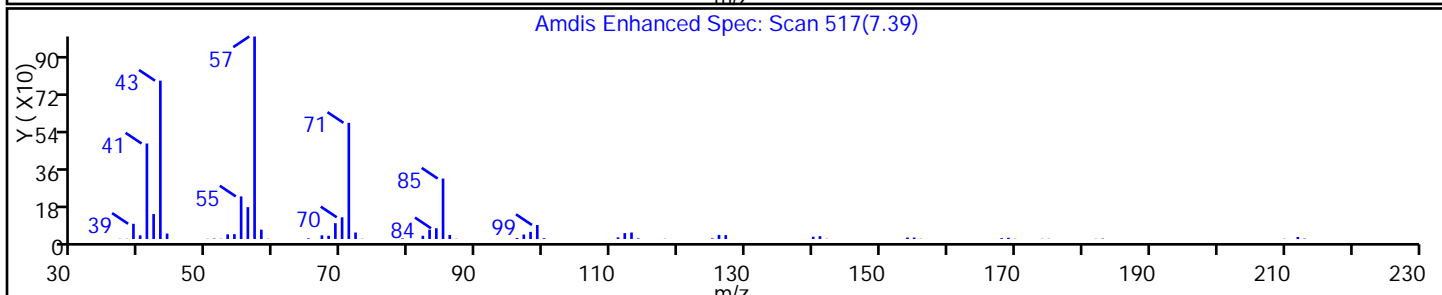
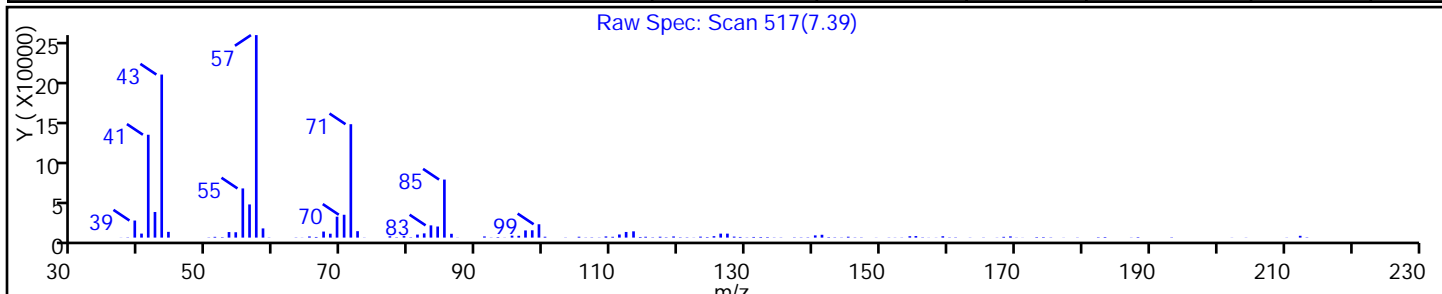
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	94
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	91
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

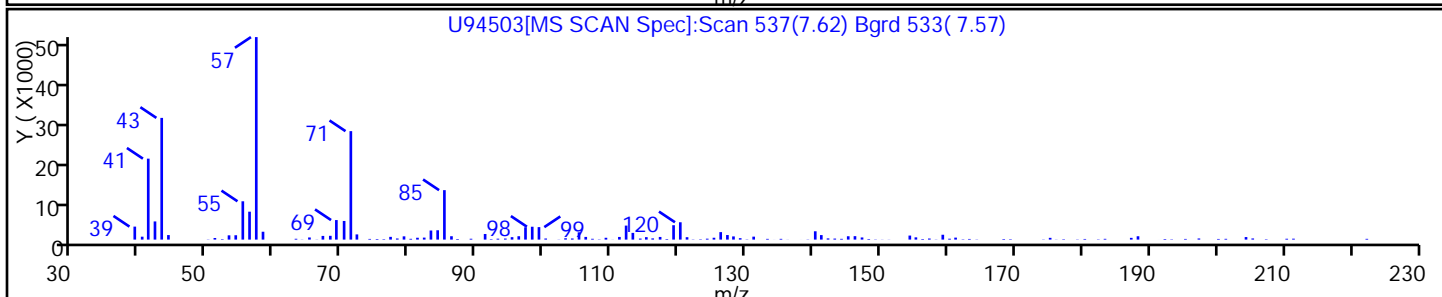
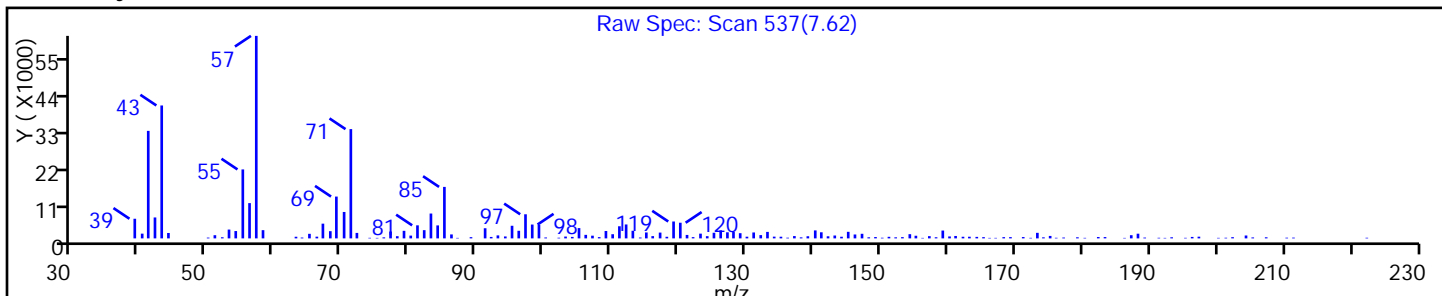
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector: MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

14

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

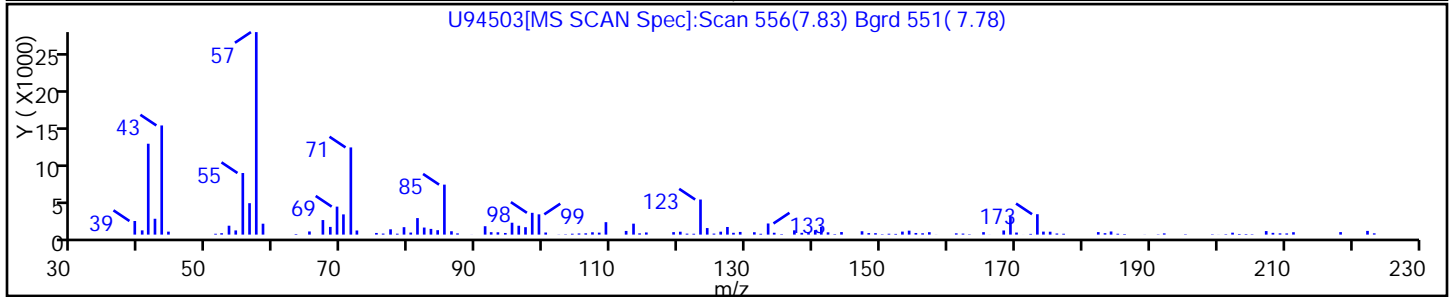
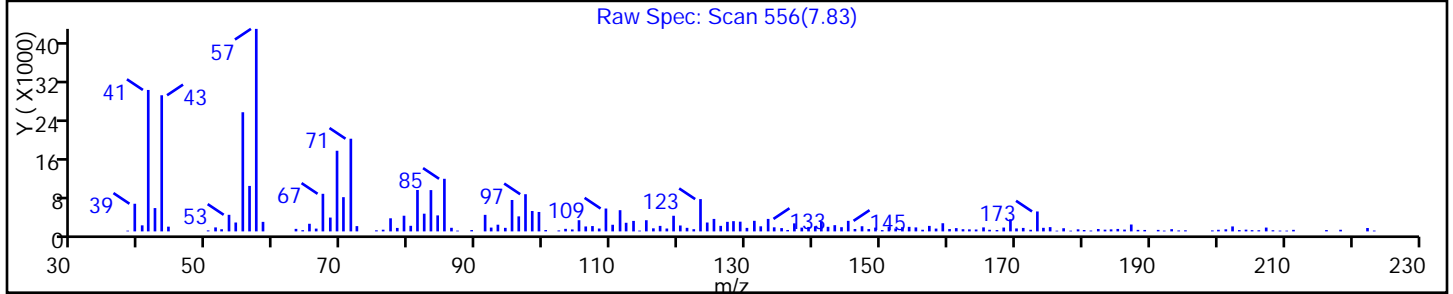
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

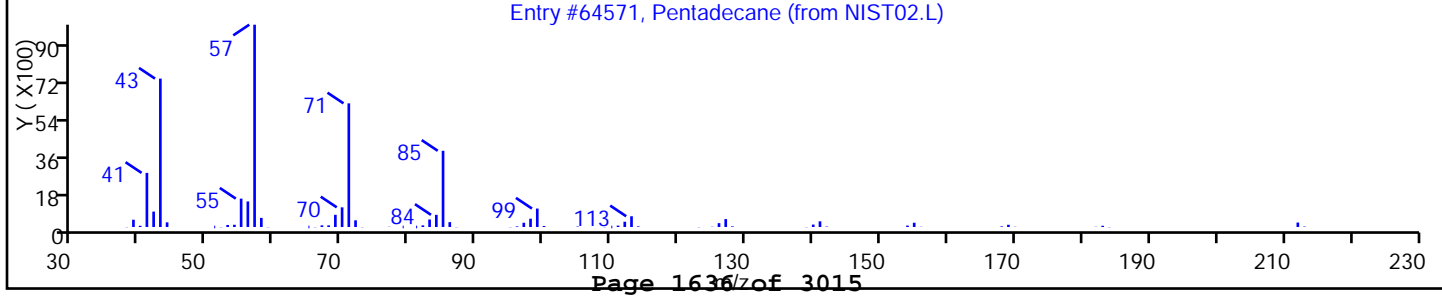
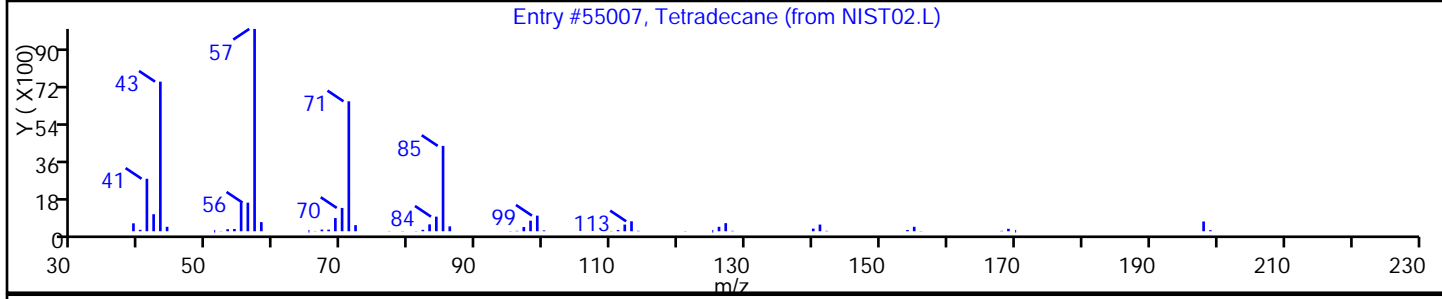
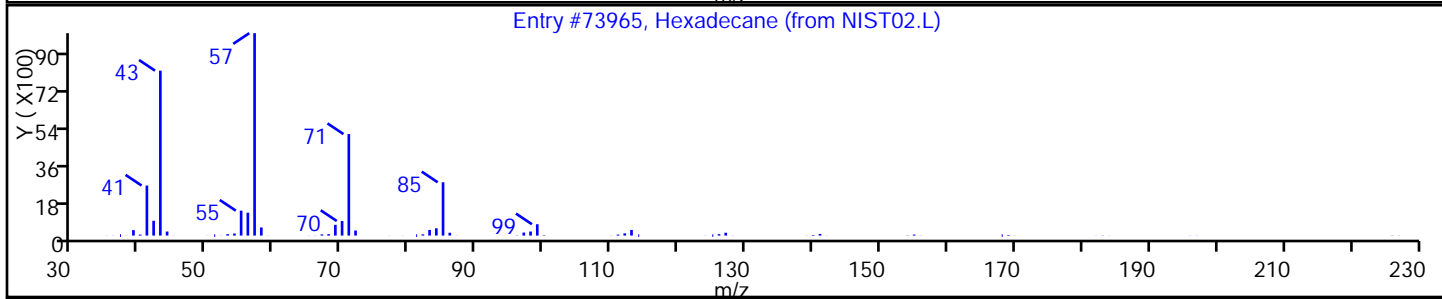
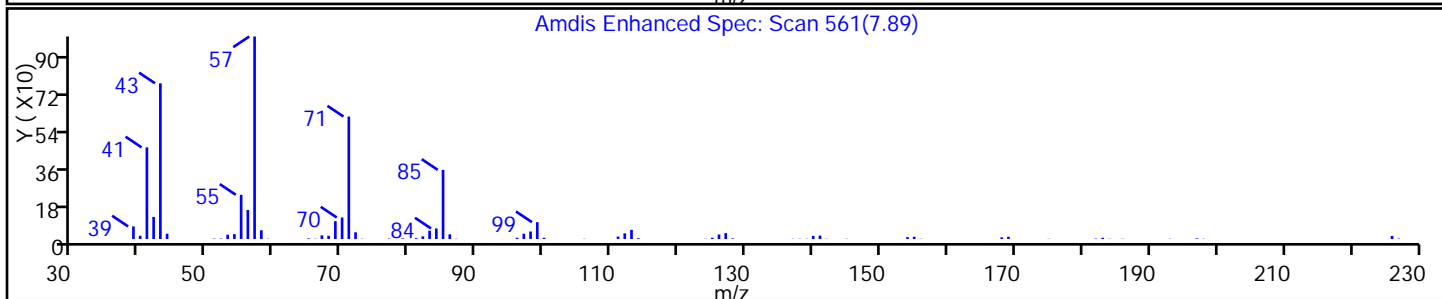
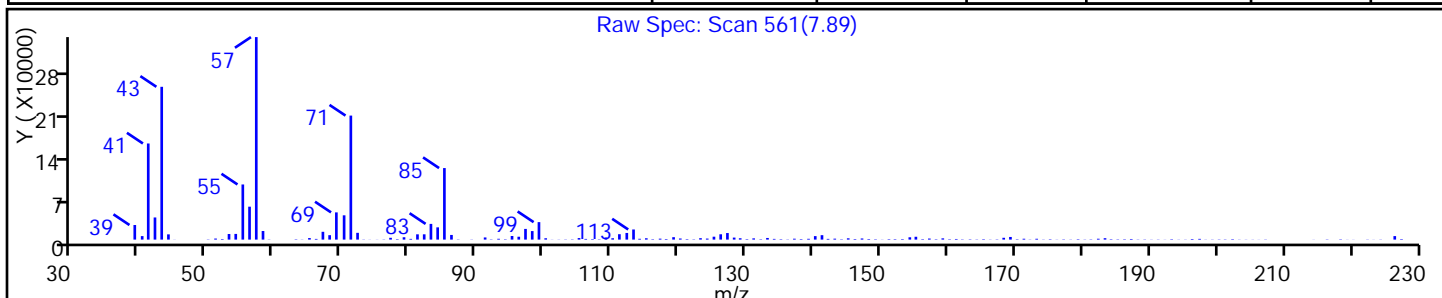
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	97
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	96
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

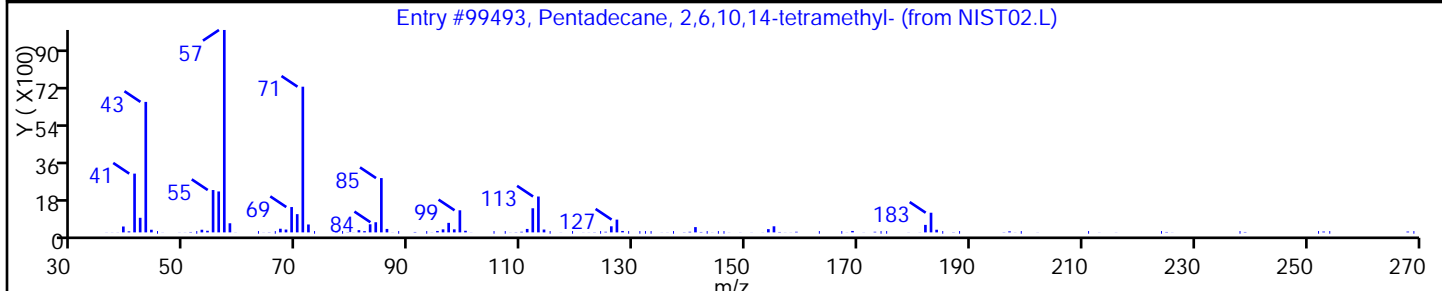
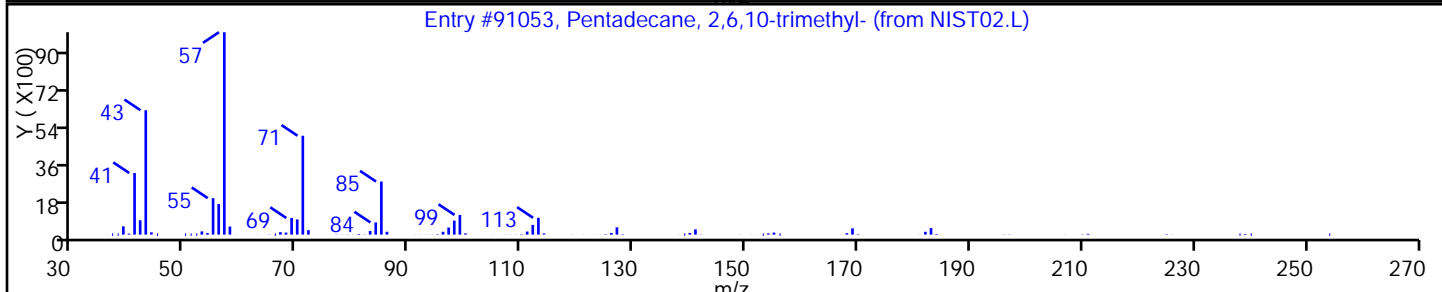
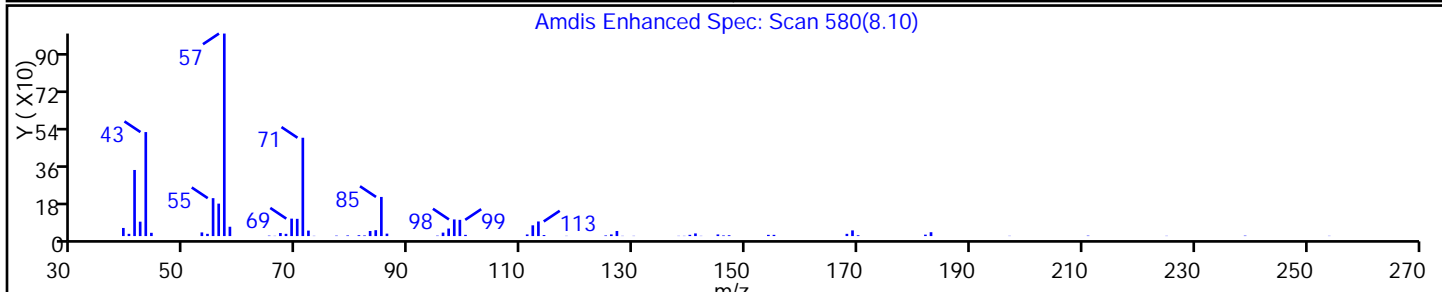
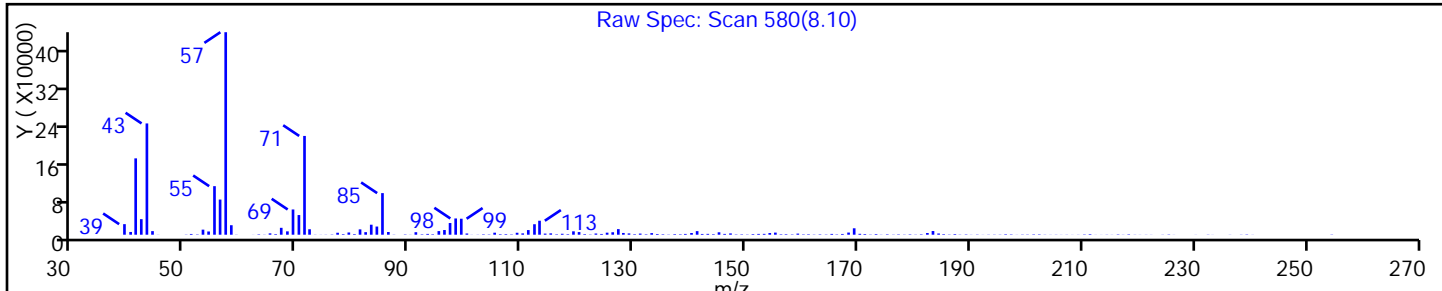
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

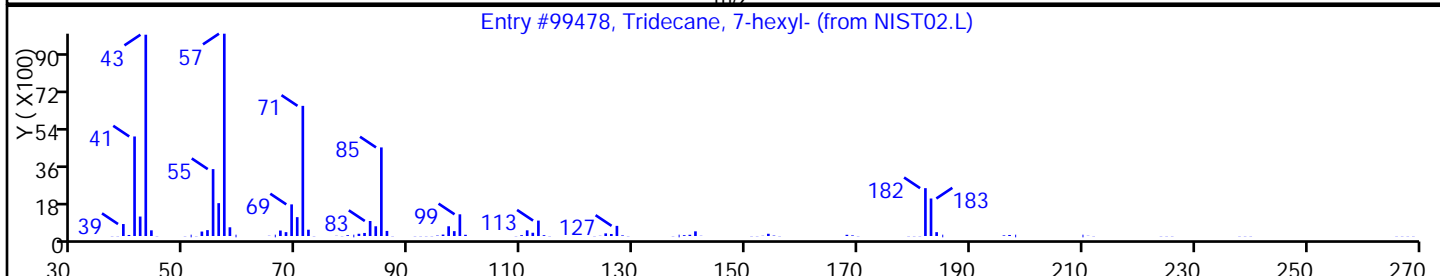
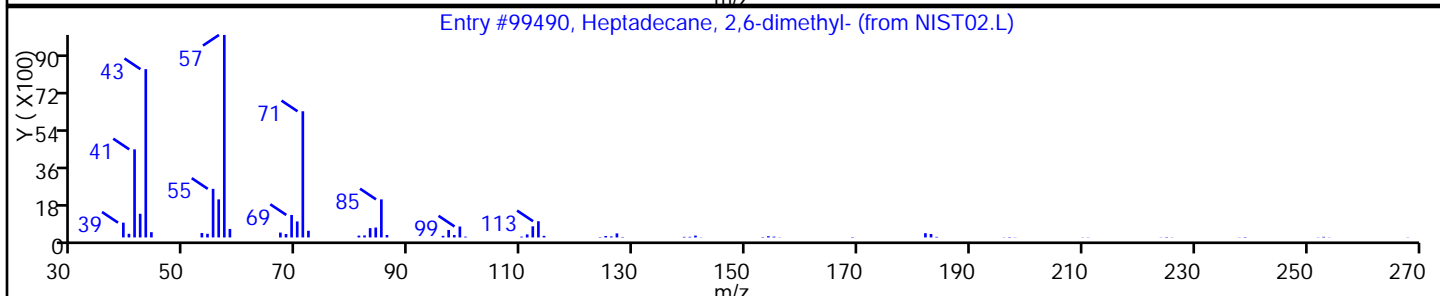
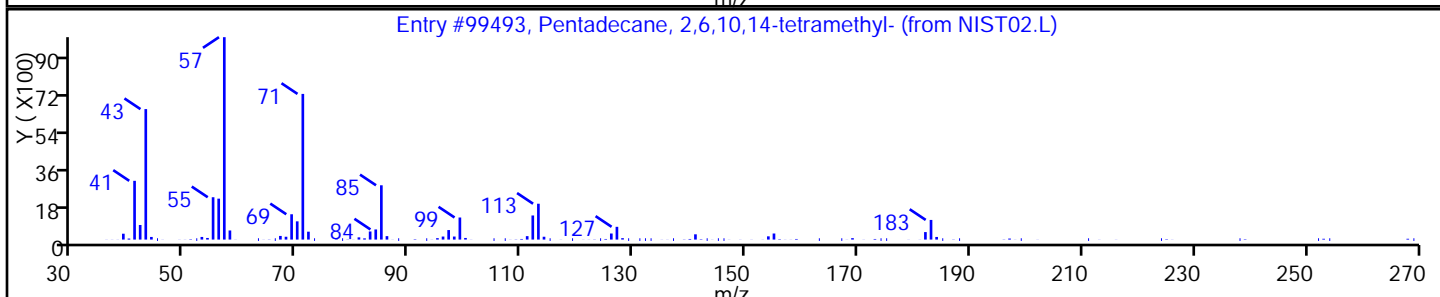
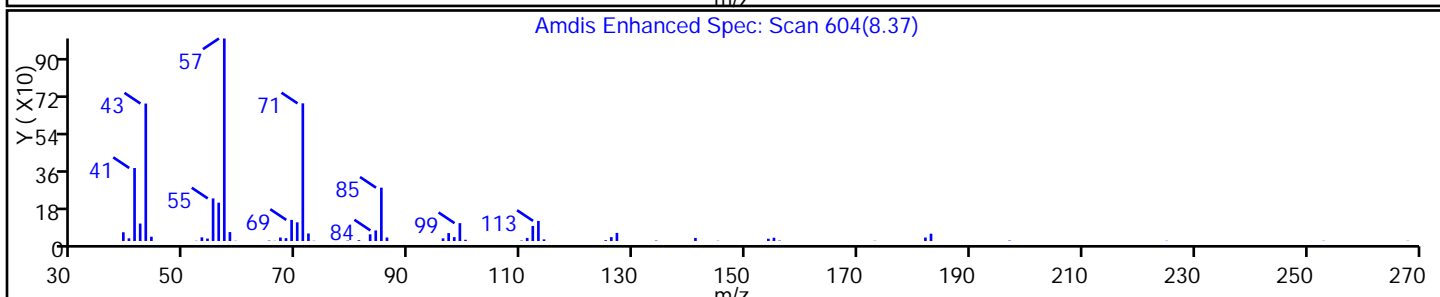
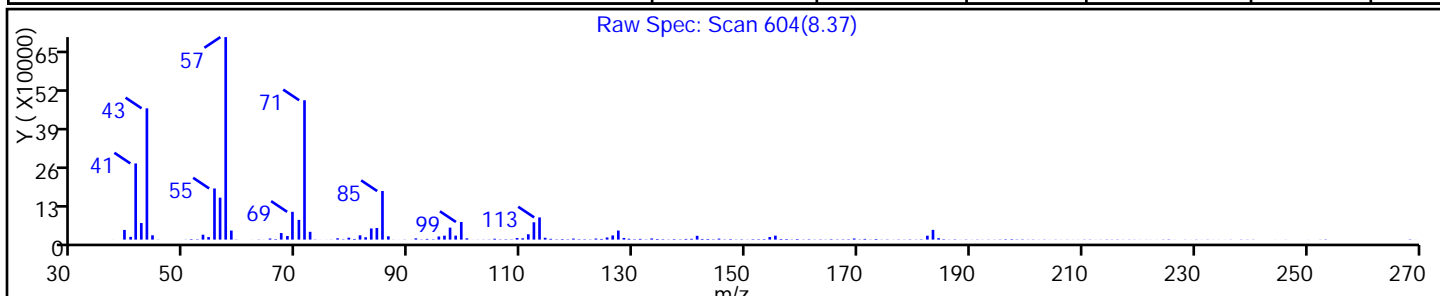
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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	95
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul

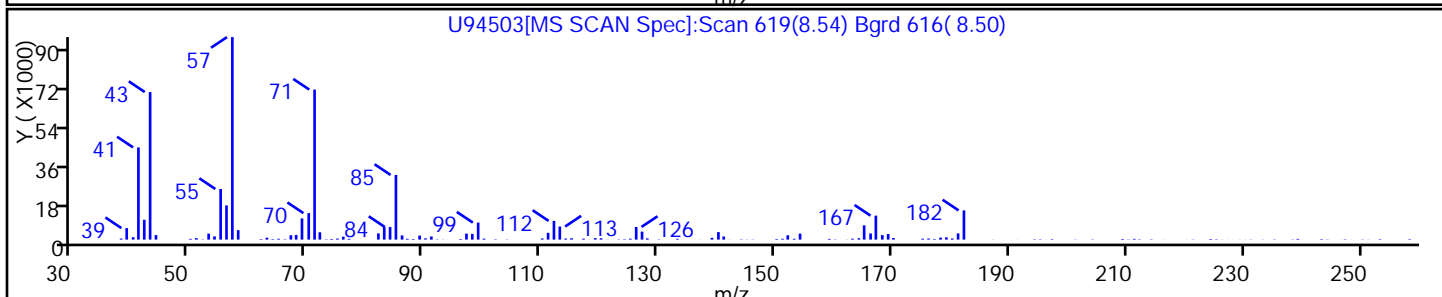
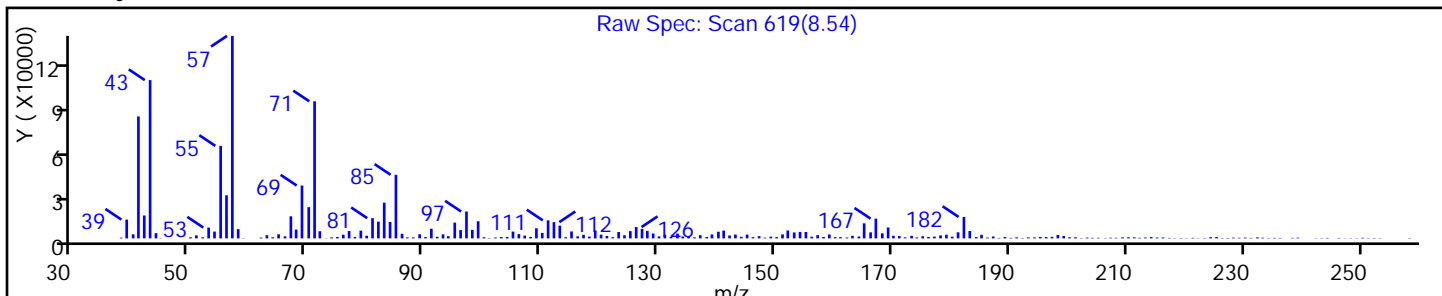
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

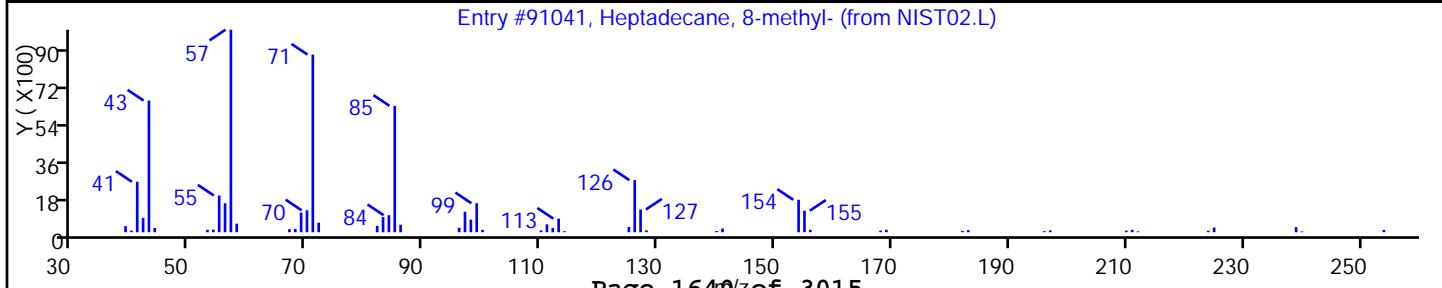
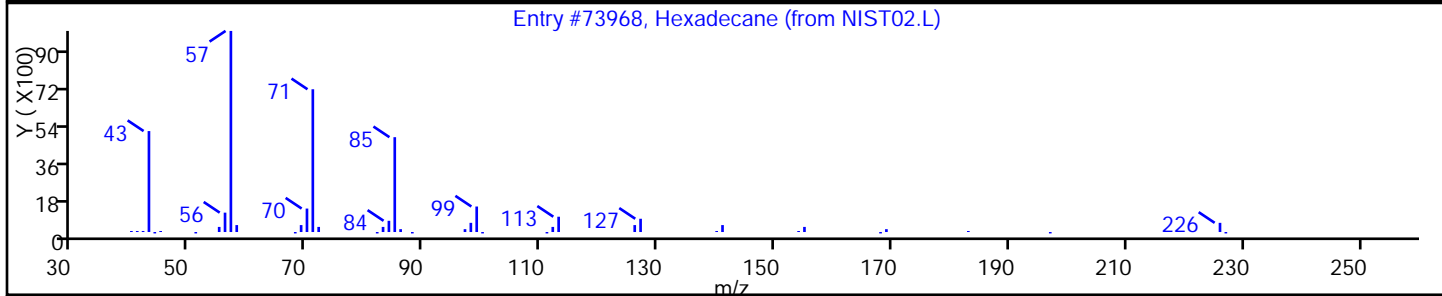
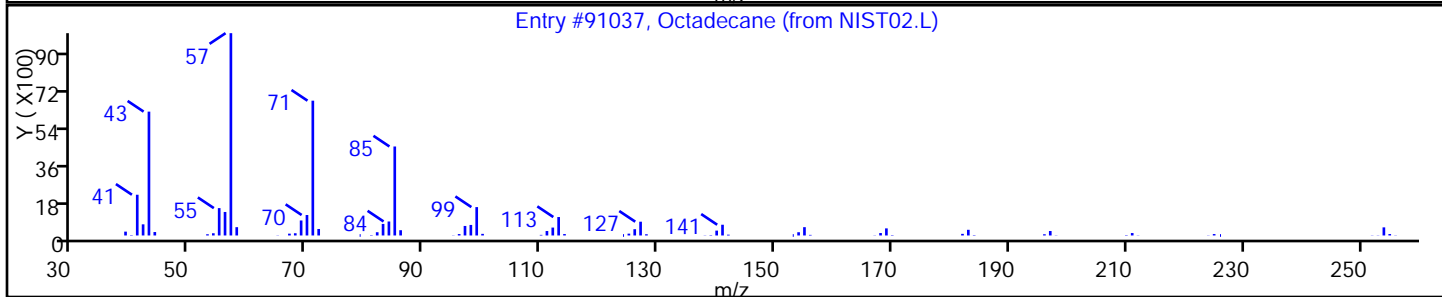
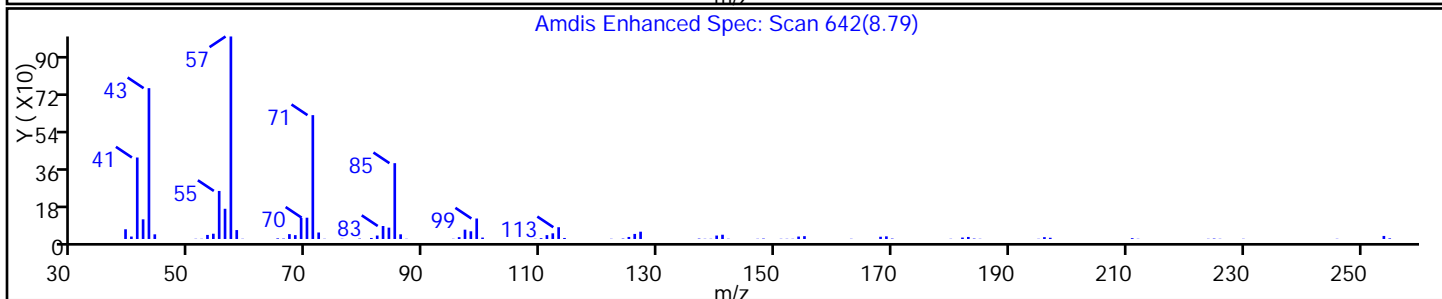
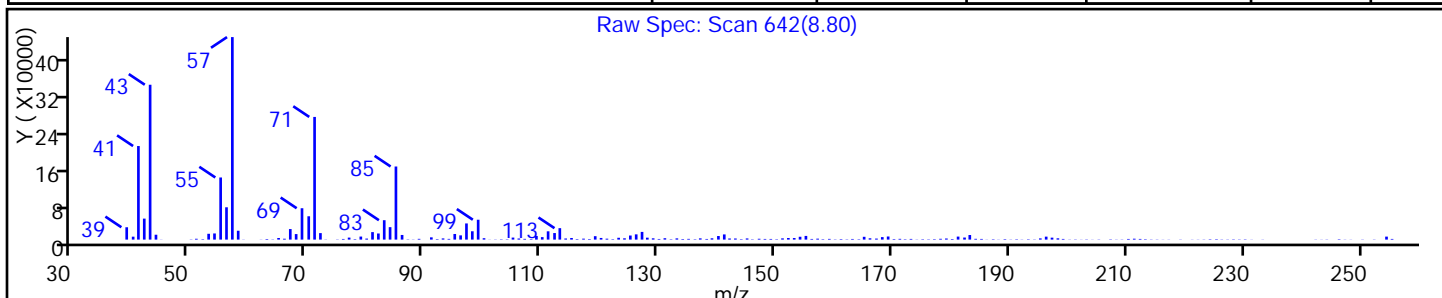
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	97
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	96
Heptadecane, 8-methyl-	13287-23-5	NIST02.L	91041	C18H38	254	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

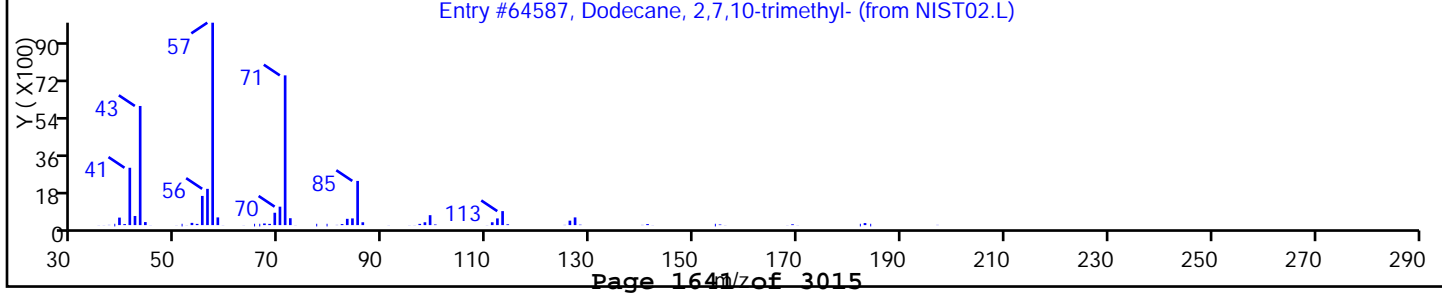
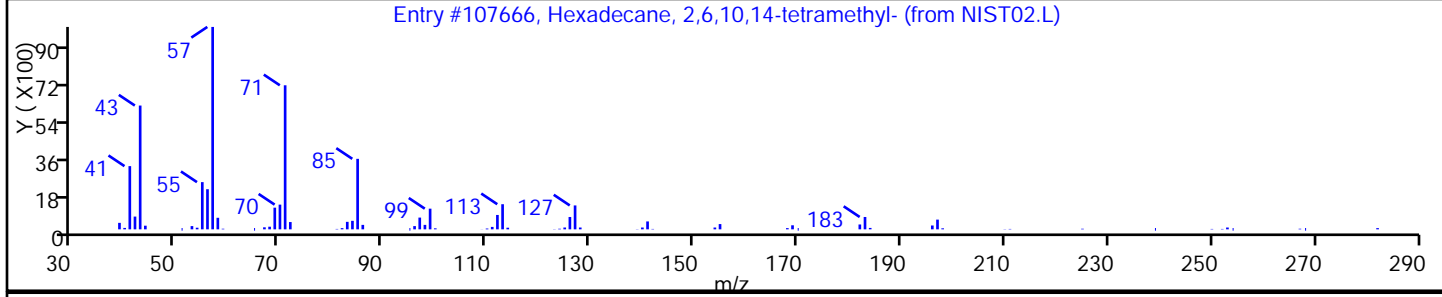
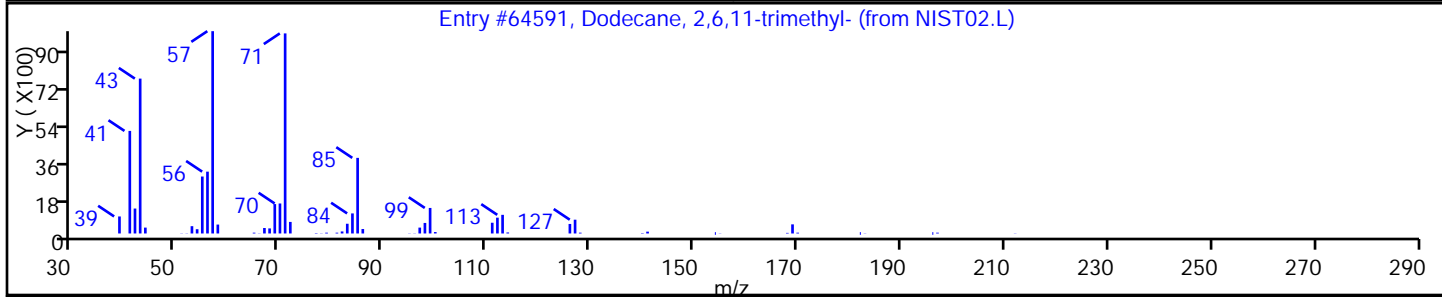
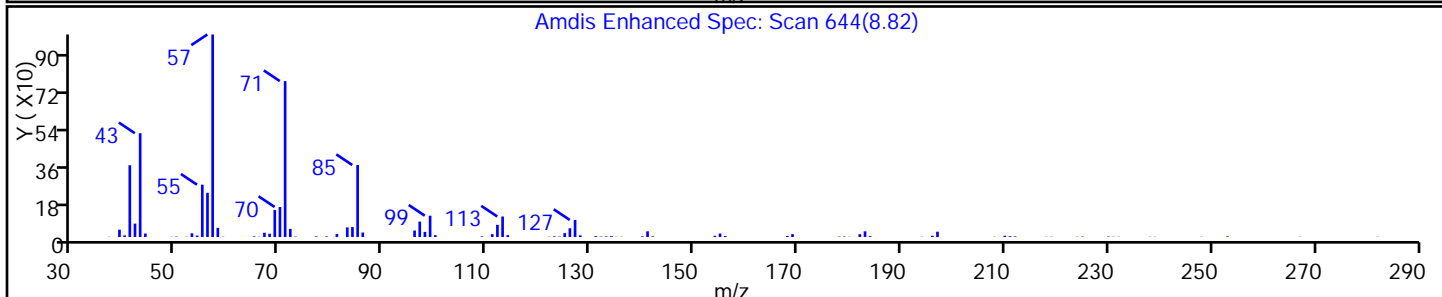
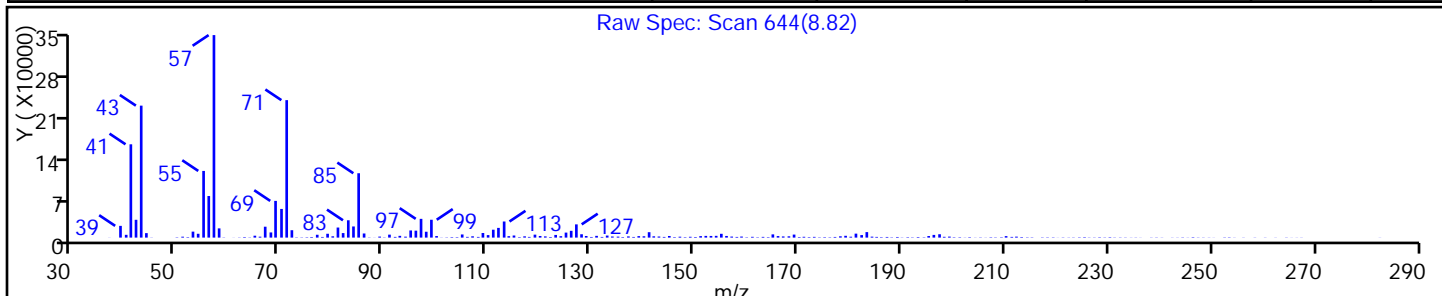
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64591	C15H32	212	94
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	90
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

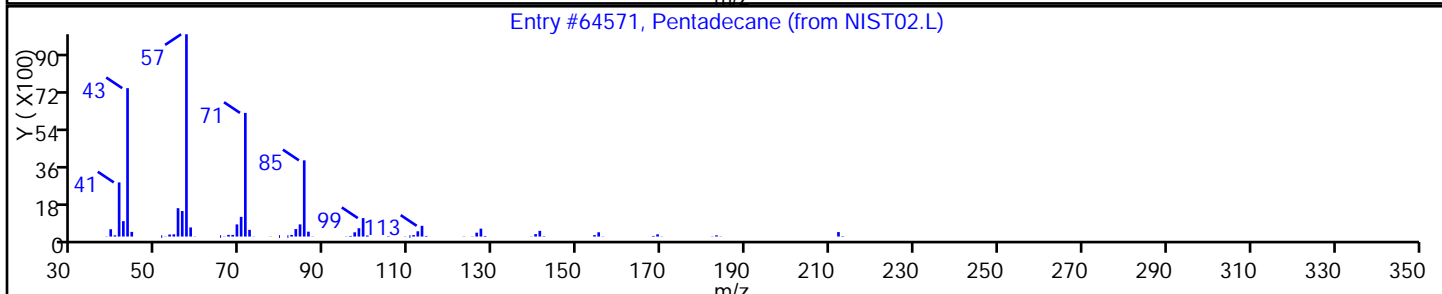
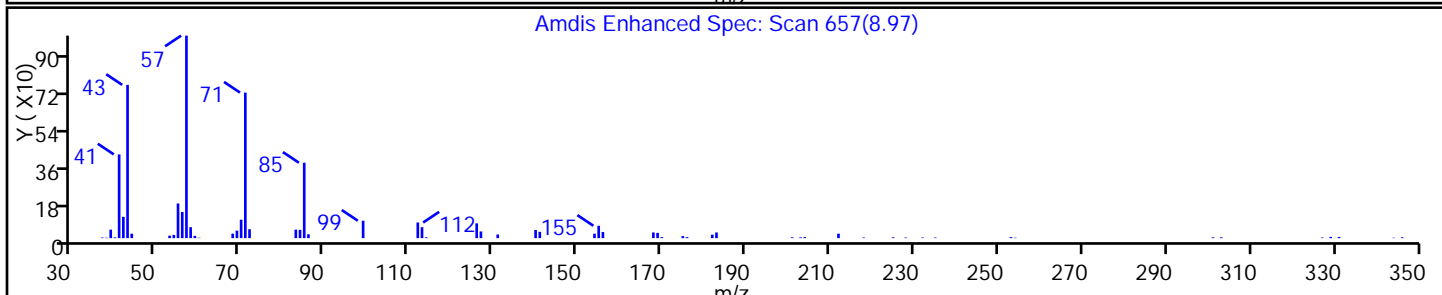
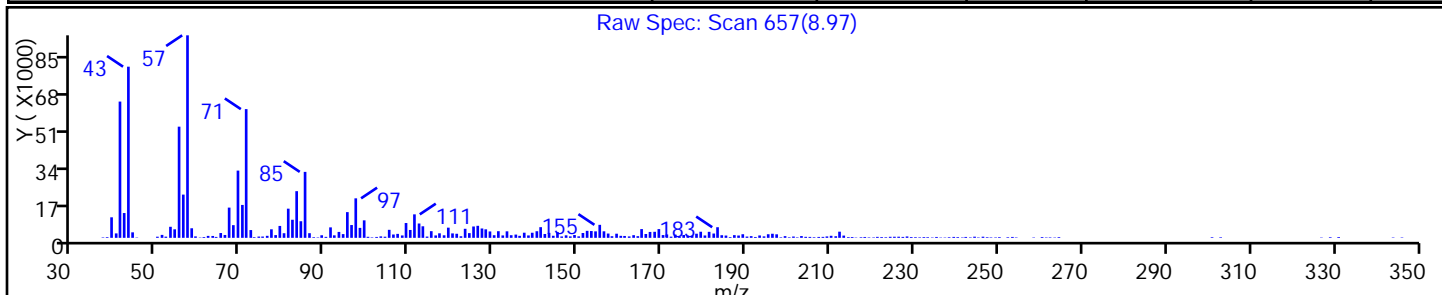
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

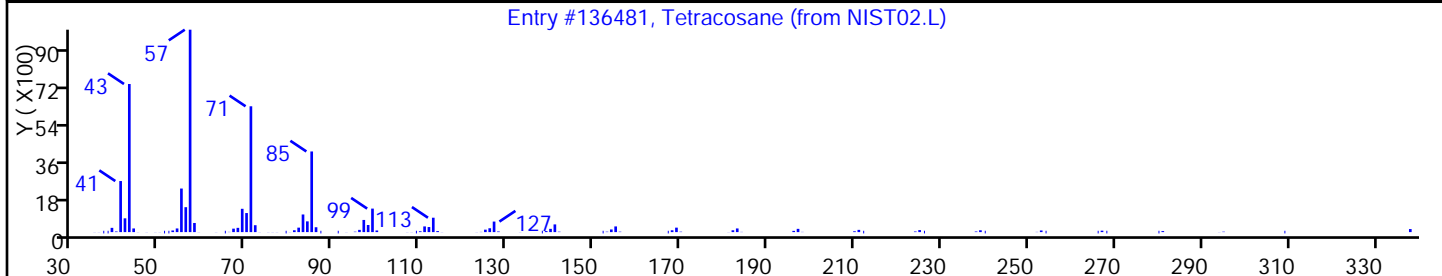
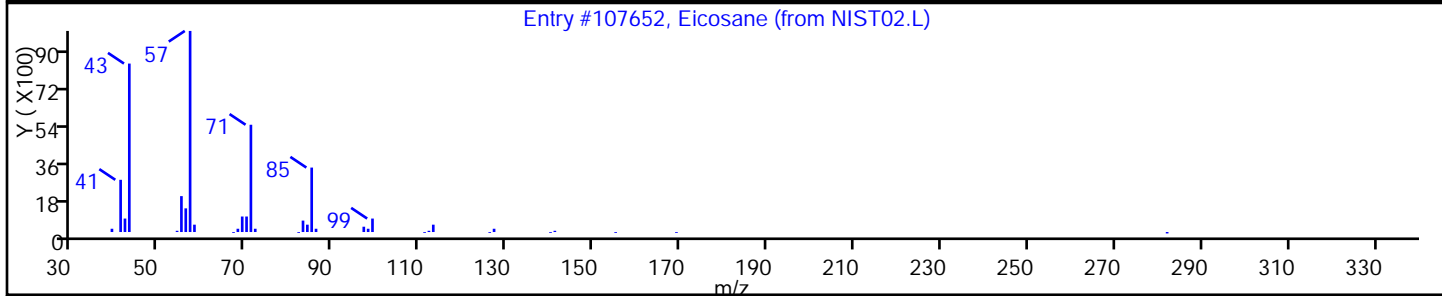
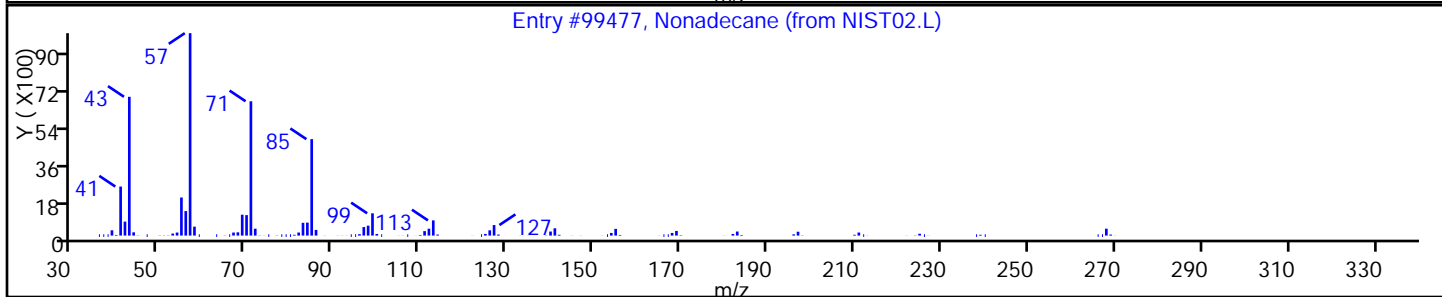
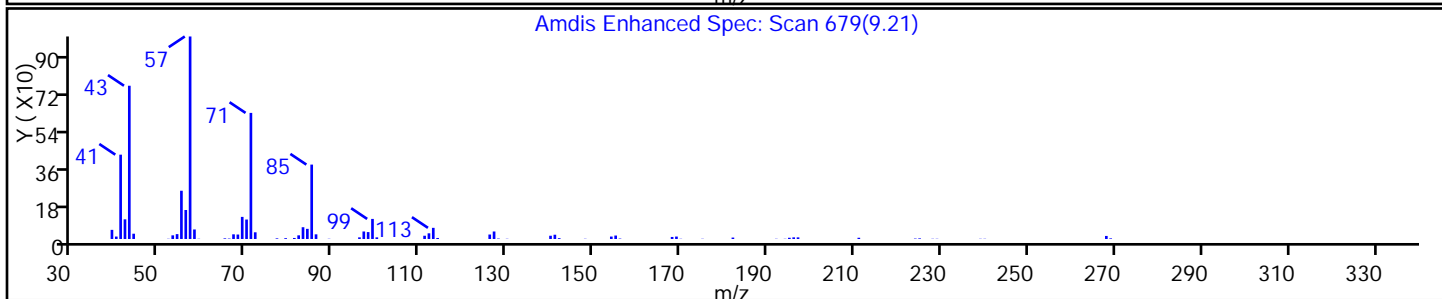
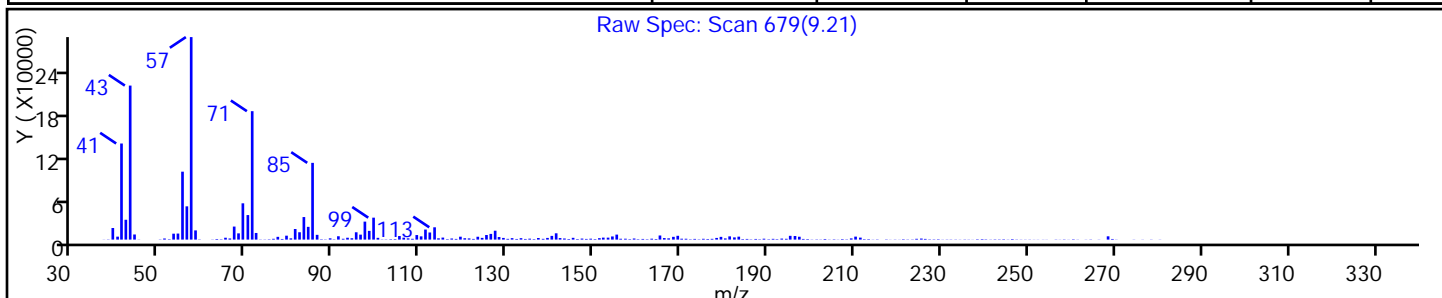
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	97
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

14

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

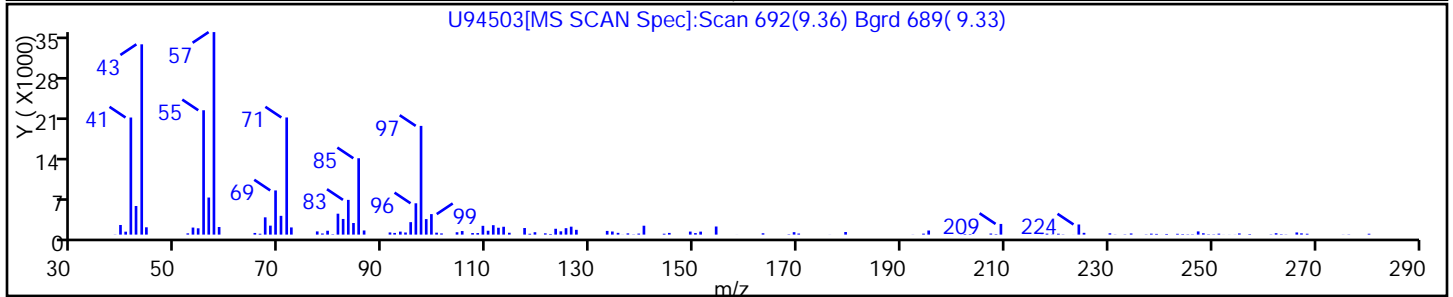
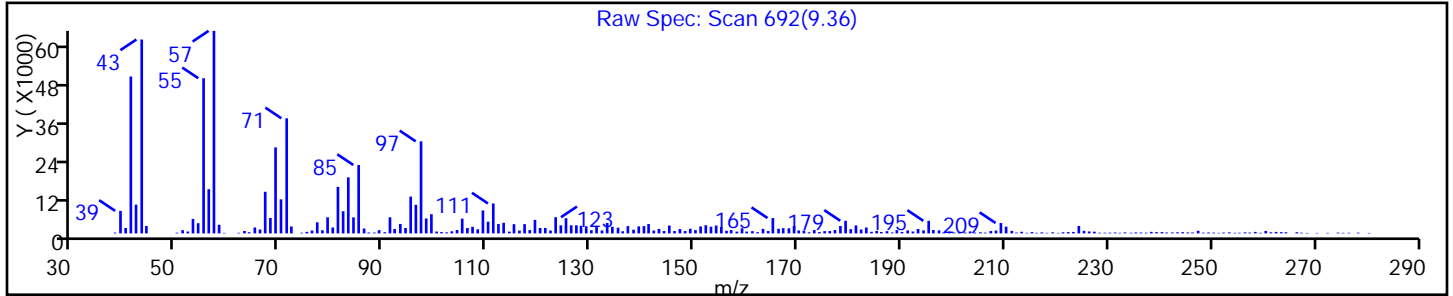
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

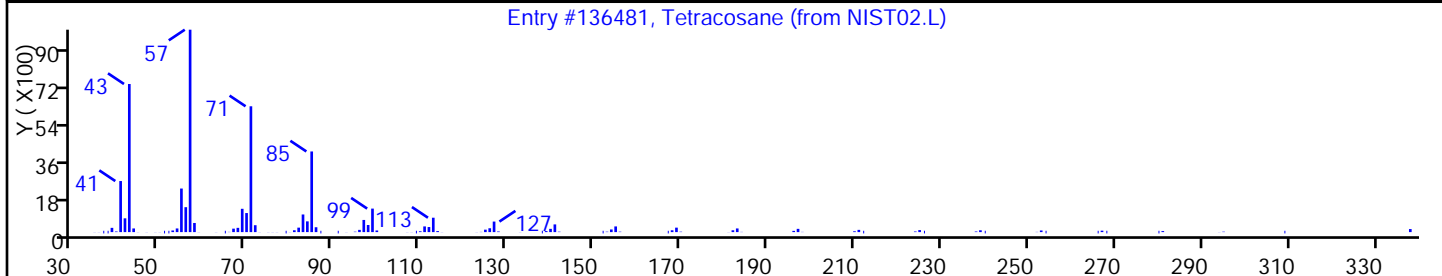
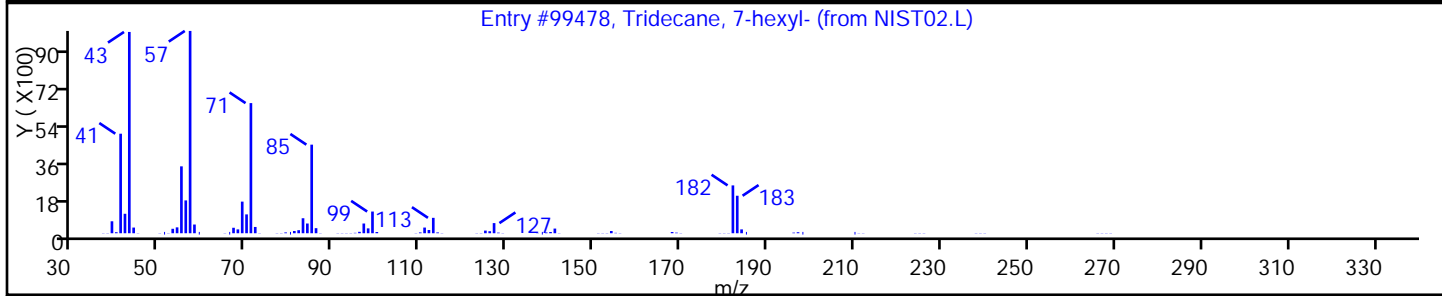
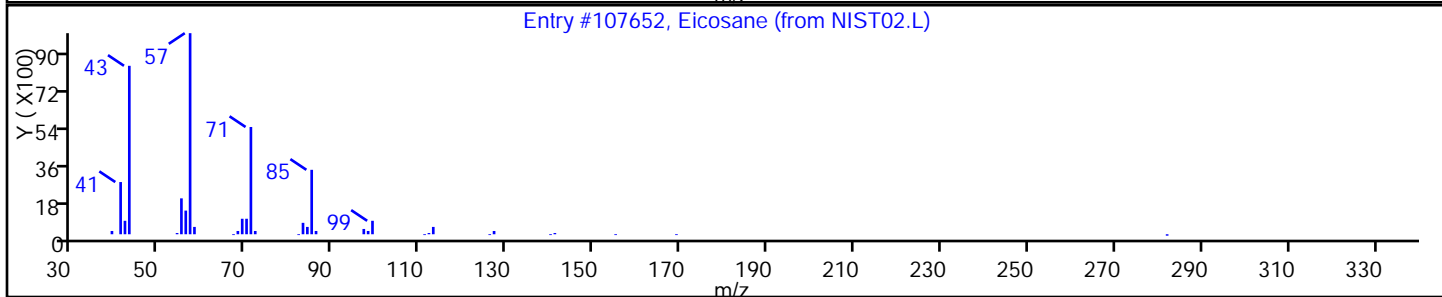
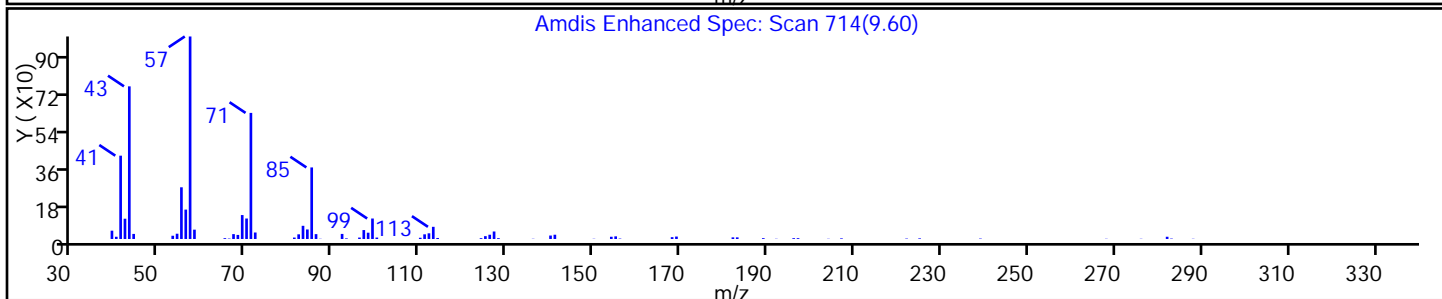
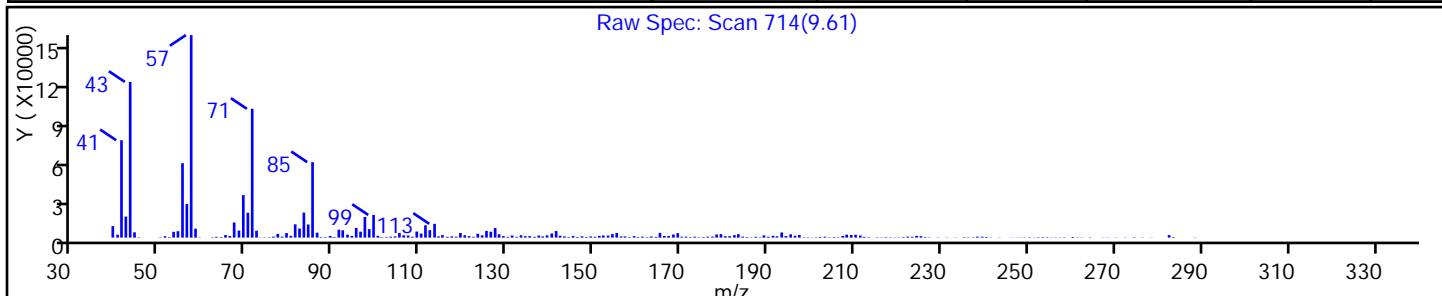
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Tridecane, 7-hexyl-	7225-66-3	NIST02.L	99478	C19H40	268	96
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

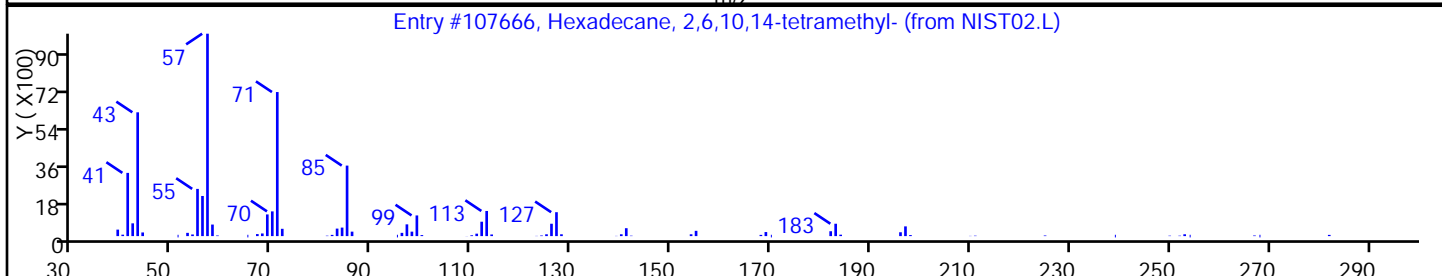
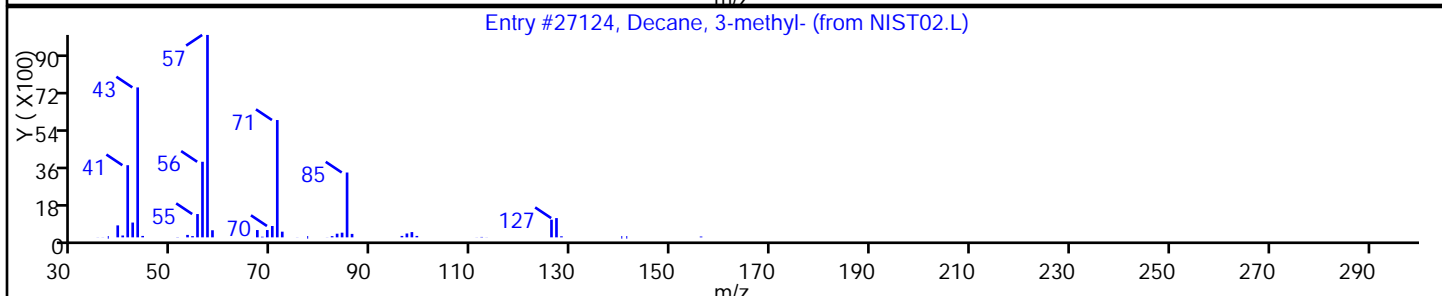
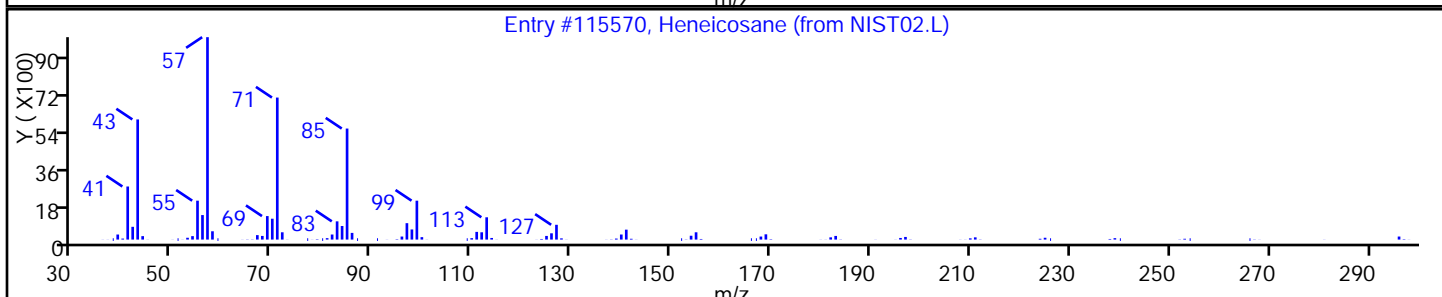
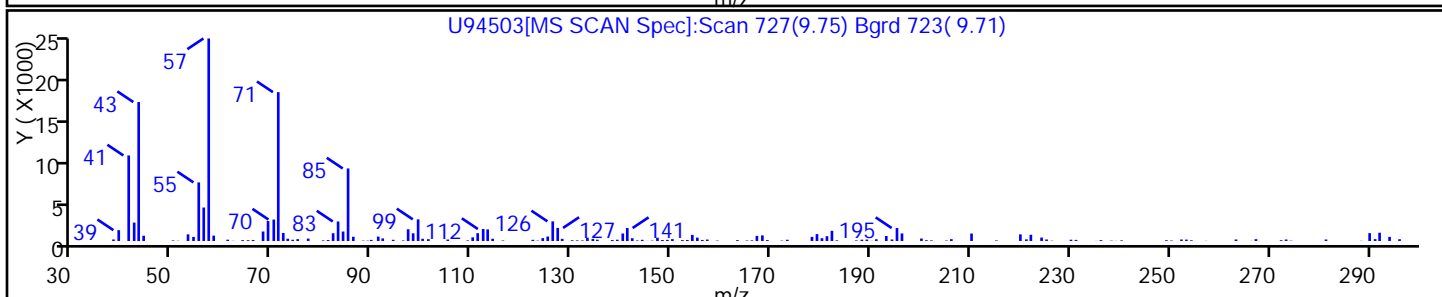
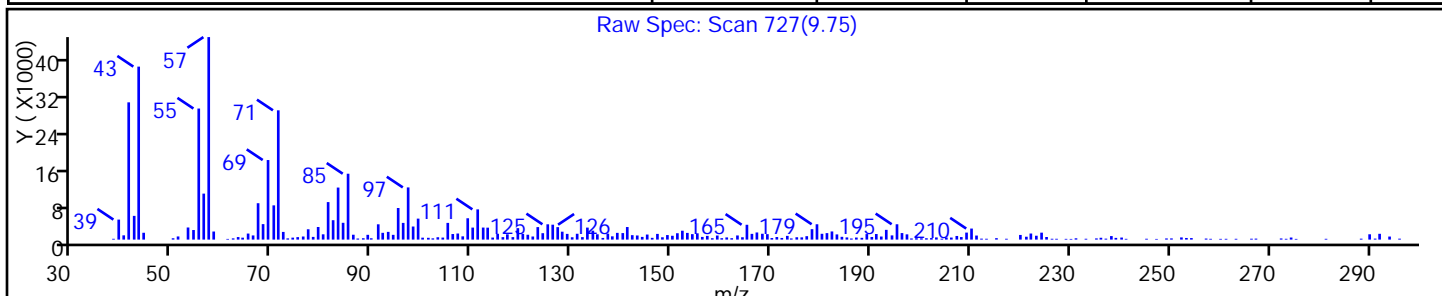
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heneicosane	629-94-7	NIST02.L	115570	C21H44	296	94
Decane, 3-methyl-	13151-34-3	NIST02.L	27124	C11H24	156	81
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	80



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94503.D

Injection Date: 13-Mar-2014 07:49:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-20-A

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 14

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

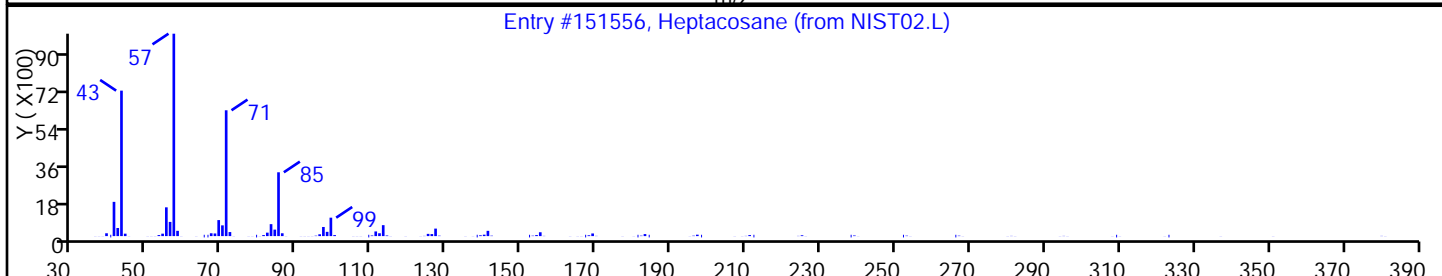
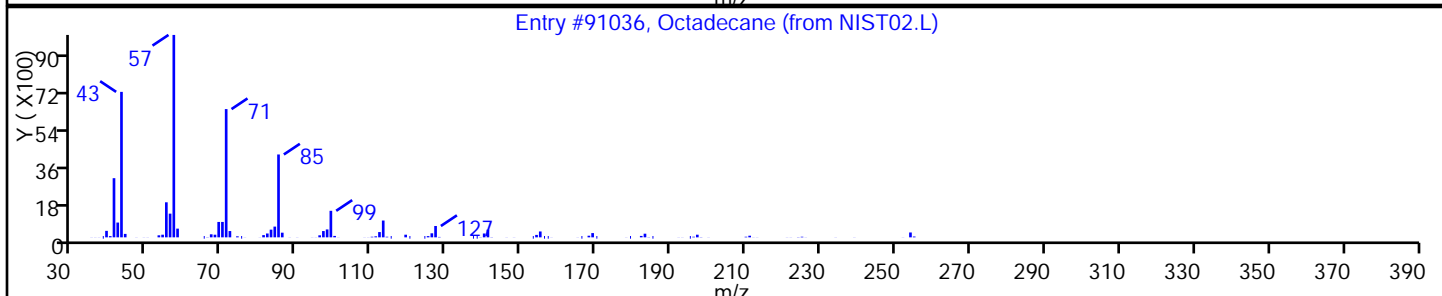
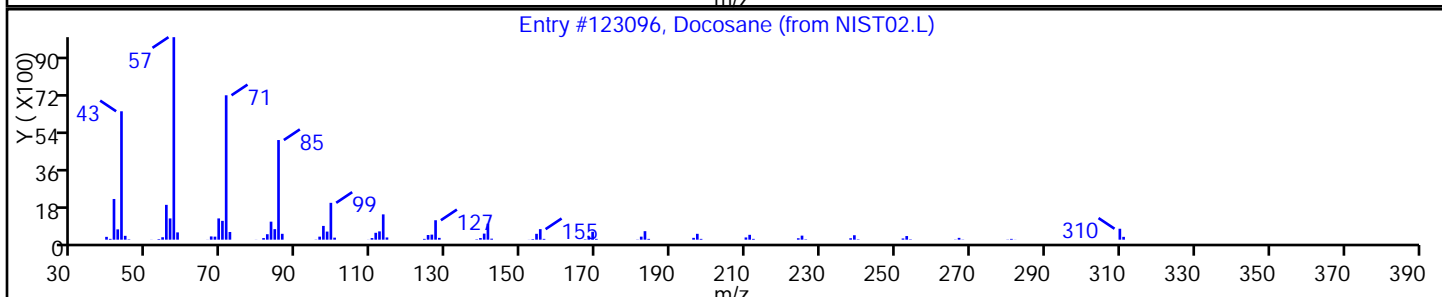
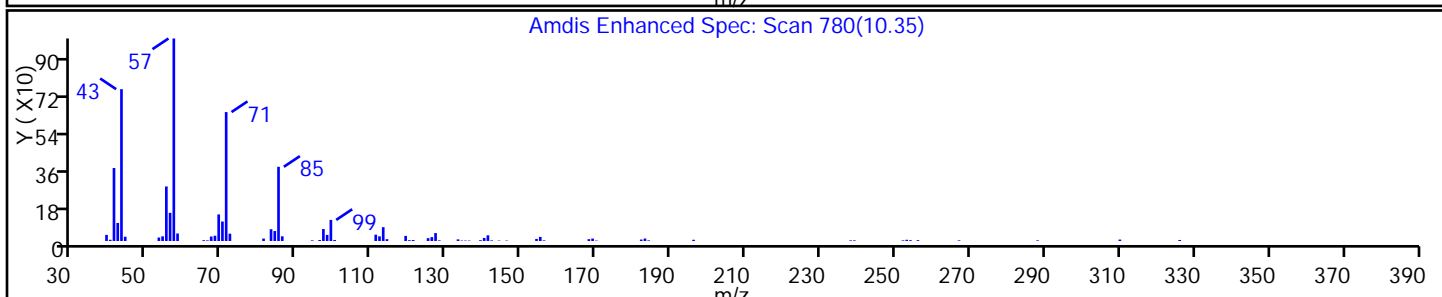
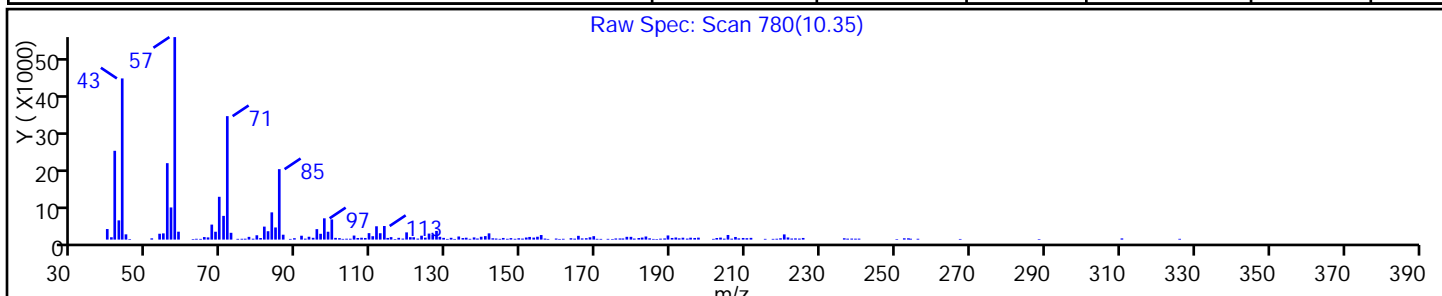
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Docosane	629-97-0	NIST02.L	123096	C22H46	310	97
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	95
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: U94489.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:55
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 16:13
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	74	U	380	74
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: U94489.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:55
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 16:13
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	50	U	380	50
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	58	U	380	58
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: U94489.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:55
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 16:13
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	51		40-106
4165-62-2	Phenol-d5	69		44-104
1718-51-0	Terphenyl-d14	110		41-145
118-79-6	2,4,6-Tribromophenol	98		19-114
367-12-4	2-Fluorophenol	55		39-103
321-60-8	2-Fluorobiphenyl	62		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: U94489.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:55
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 16:13
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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\CBNAMS4\20140312-10744.b\U94489.D
 Lims ID: 460-72180-E-21-A Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 16:13:30 ALS Bottle#: 30 Worklist Smp#: 30
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-030
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:36 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 09:26:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.152	3.121	0.031	87	187339	27.6	
\$ 6 Phenol-d5	99	4.060	4.068	-0.008	70	284228	34.6	
* 13 1,4-Dichlorobenzene-d4	152	4.431	4.410	0.021	98	155279	40.0	
\$ 25 Nitrobenzene-d5	82	4.977	4.977	0.0	91	210751	25.6	
* 35 Naphthalene-d8	136	5.699	5.690	0.009	99	668265	40.0	
\$ 48 2-Fluorobiphenyl	172	6.783	6.765	0.018	98	338759	31.0	
* 61 Acenaphthene-d10	164	7.445	7.436	0.009	92	320305	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.225	8.219	0.006	94	60277	49.0	
* 83 Phenanthrene-d10	188	8.902	8.891	0.011	99	437683	40.0	
\$ 91 Terphenyl-d14	244	10.470	10.465	0.005	96	263850	54.9	
* 96 Chrysene-d12	240	11.668	11.661	0.007	98	206903	40.0	
* 103 Perylene-d12	264	13.596	13.580	0.016	99	178307	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140312-10744.b\U94489.D

Injection Date: 12-Mar-2014 16:13:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-21-A

Lab Sample ID: 460-72180-21

Worklist Smp#: 30

Client ID: PMP-27SW-SD

Injection Vol: 1.0 ul

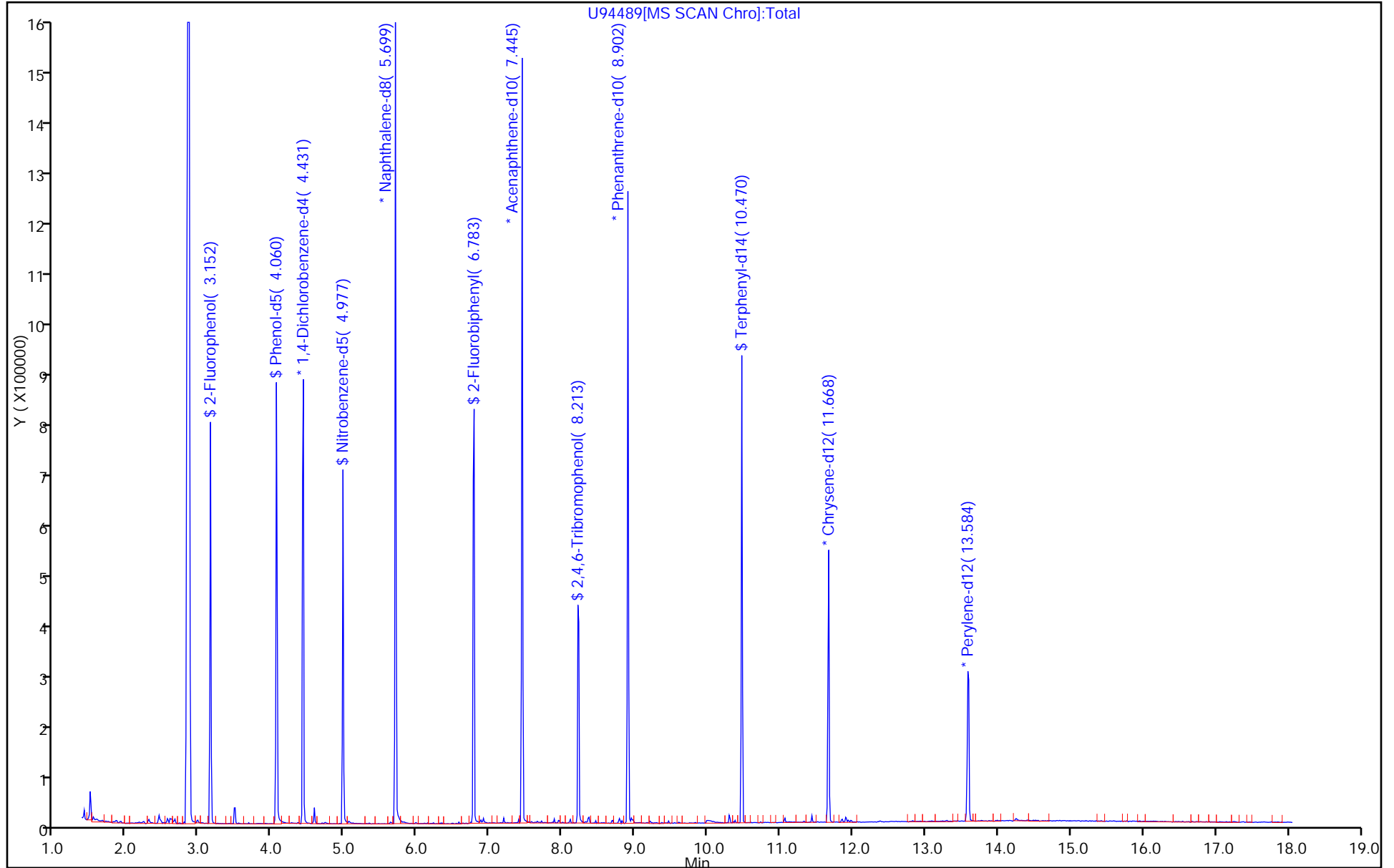
Dil. Factor: 1.0000

ALS Bottle#: 30

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: U94514.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 11:55
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	61	U	350	61
106-44-5	4-Methylphenol	70	U	350	70
100-52-7	Benzaldehyde	42	U	350	42
98-86-2	Acetophenone	55	U	350	55
111-44-4	Bis(2-chloroethyl) ether	4.9	U	35	4.9
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	5.1	U *	35	5.1
67-72-1	Hexachloroethane	4.0	U	35	4.0
78-59-1	Isophorone	43	U	350	43
88-75-5	2-Nitrophenol	40	U	350	40
105-67-9	2,4-Dimethylphenol	88	U	350	88
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	4.9	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	42	U	350	42
88-06-2	2,4,6-Trichlorophenol	42	U	350	42
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: U94514.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 11:55
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	30	U	350	30
218-01-9	Chrysene	42	U	350	42
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	33	U	350	33
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: U94514.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:35
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 11:55
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	46		40-106
4165-62-2	Phenol-d5	73		44-104
1718-51-0	Terphenyl-d14	106		41-145
118-79-6	2,4,6-Tribromophenol	84		19-114
367-12-4	2-Fluorophenol	54		39-103
321-60-8	2-Fluorobiphenyl	62		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>PMP-31SW-VS</u>	Lab Sample ID: <u>460-72180-22</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94514.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 12:35</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>03/13/2014 11:55</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>7.2</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>6</u>	TIC Result Total: <u>4620</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	10.91	810	J N
	Unknown	10.95	570	J
122-69-0	Cinnamyl cinnamate	11.30	1200	J N
3386-33-2	Octadecane, 1-chloro-	11.50	540	J N
506-52-5	1-Hexacosanol	12.37	930	J N
630-06-8	Hexatriacontane	14.24	570	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D
 Lims ID: 460-72180-E-22-A Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:55:30 ALS Bottle#: 25 Worklist Smp#: 25
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-025
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 08:47:06 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 08:45:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.125	3.126	-0.001	87	145269	27.2	
\$ 6 Phenol-d5	99	4.043	4.072	-0.029	83	233571	36.3	
* 13 1,4-Dichlorobenzene-d4	152	4.403	4.423	-0.020	98	121894	40.0	
\$ 25 Nitrobenzene-d5	82	4.950	4.984	-0.034	94	158645	23.0	
* 35 Naphthalene-d8	136	5.684	5.696	-0.012	100	558923	40.0	
41 2-Methylnaphthalene	142	6.395	6.409	-0.014	35	863	0.1053	
\$ 48 2-Fluorobiphenyl	172	6.757	6.780	-0.023	97	280183	31.1	
* 61 Acenaphthene-d10	164	7.420	7.444	-0.024	93	264342	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.201	8.223	-0.022	94	42423	41.8	
* 83 Phenanthrene-d10	188	8.889	8.909	-0.020	99	443674	40.0	
\$ 91 Terphenyl-d14	244	10.456	10.464	-0.008	99	219533	53.0	
* 96 Chrysene-d12	240	11.648	11.672	-0.024	99	178468	40.0	
* 103 Perylene-d12	264	13.565	13.590	-0.025	98	151079	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D
 Lims ID: 460-72180-E-22-A Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:55:30 ALS Bottle#: 25 Worklist Smp#: 25
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-025
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 14-Mar-2014 08:47:06 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: XAWRK034
 First Level Reviewer: bayoumiw Date: 14-Mar-2014 08:45:55

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
10.911	168377	11.3	96	96	110104	C20H30O	286	
10.947	118141	7.90	96					
11.298	249602	16.7	96	86	96926	C18H16O2	264	
11.496	112047	7.49	96	90	110991	C18H37Cl	288	
12.372	193512	12.9	96	87	152038	C26H54O	382	
14.242	94367	7.94	103	86	169089	C36H74	507	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 96 Chrysene-d12	11.648	598200	40.0
* 103 Perylene-d12	13.565	475114	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Worklist Smp#: 25

Client ID: PMP-31SW-VS

Injection Vol: 1.0 ul

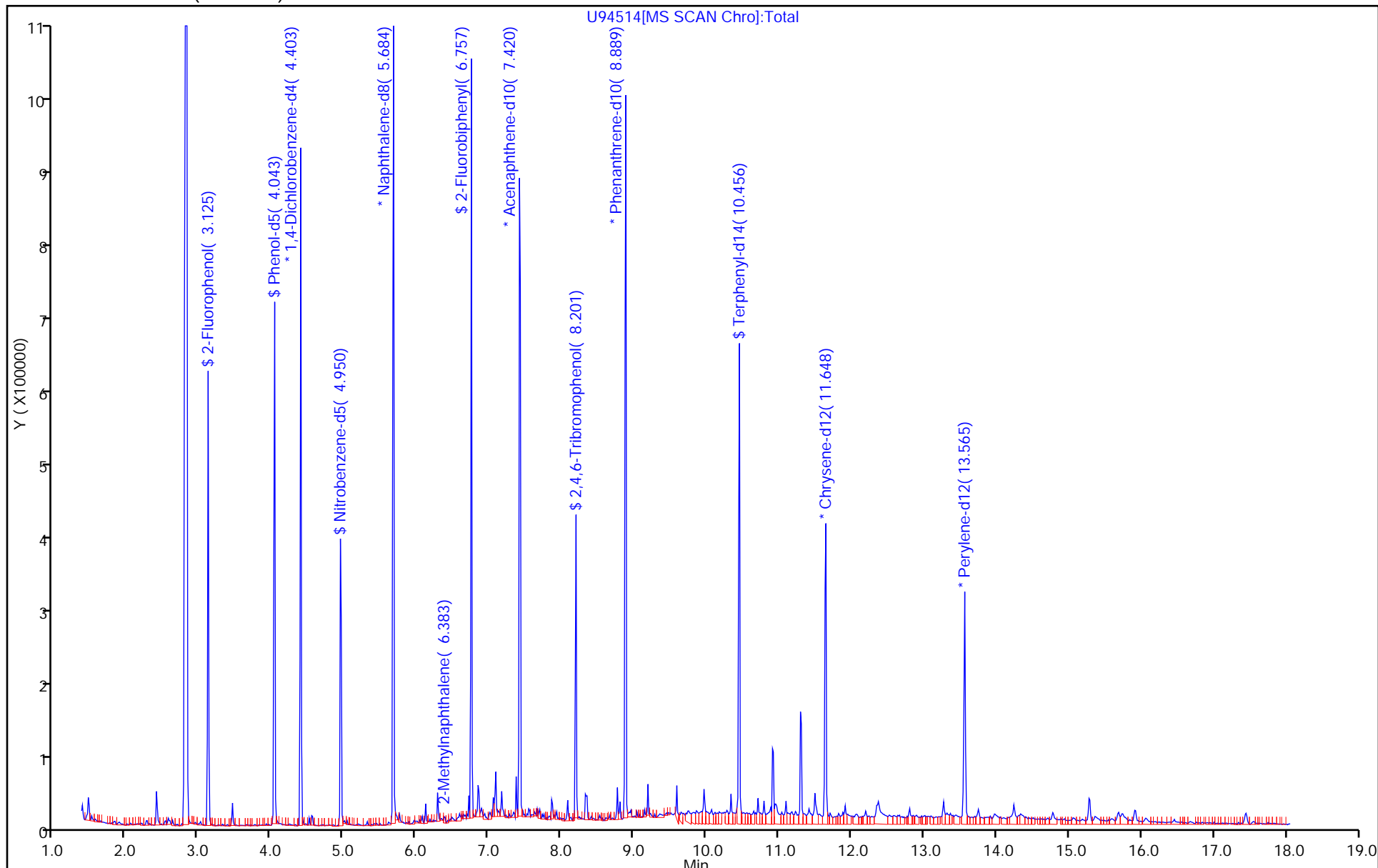
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

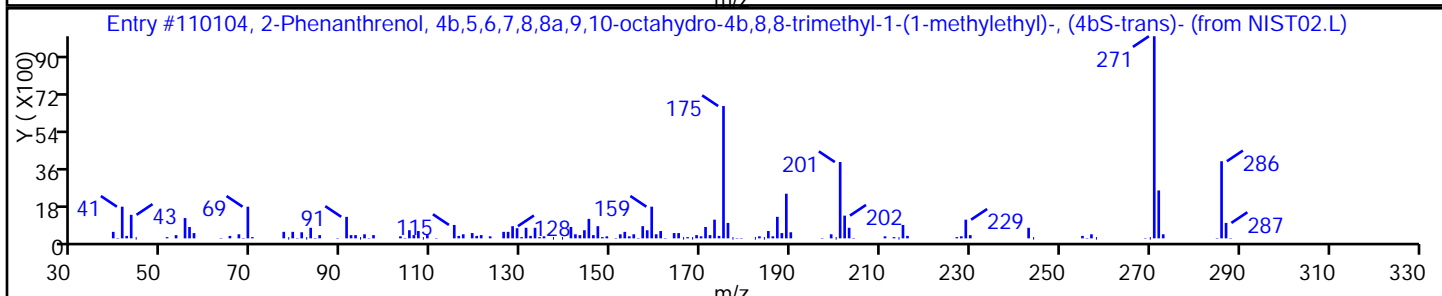
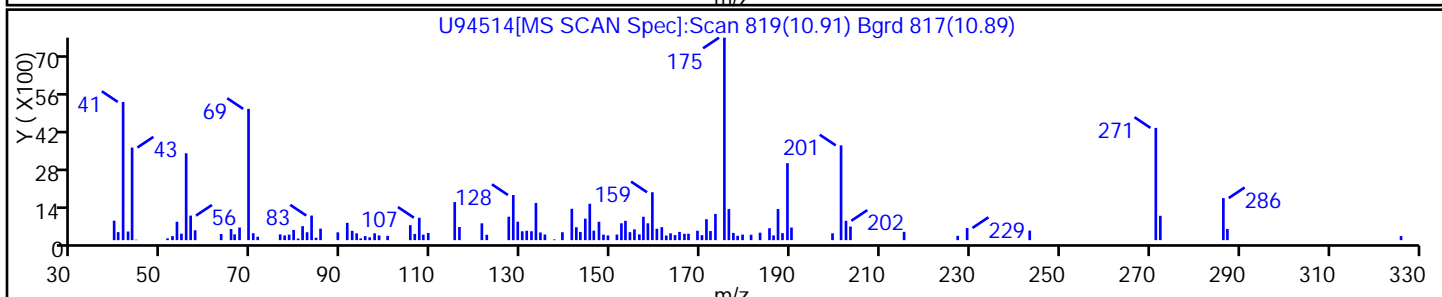
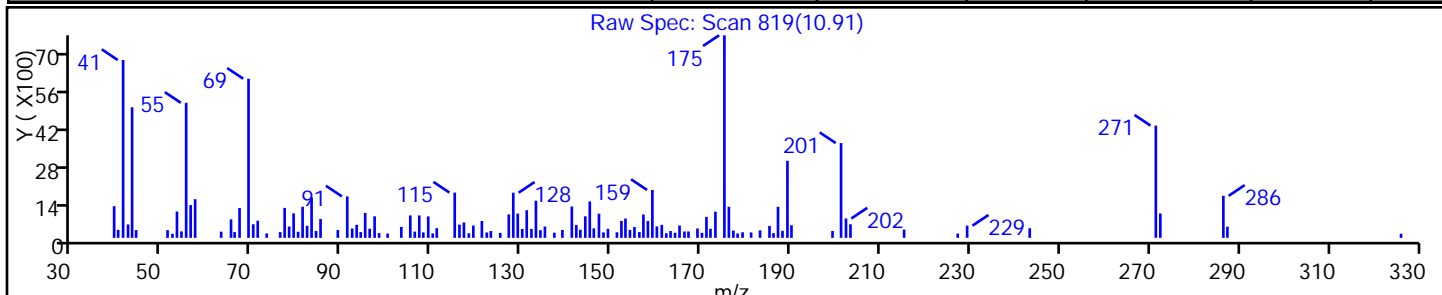
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Phenanthrenol, 4b,5,6,7,8,8a,9,10-octa	511-15-9	NIST02.L	110104	C20H30O	286	96



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#: 25

Worklist Smp#: 25

Injection Vol: 1.0 ul

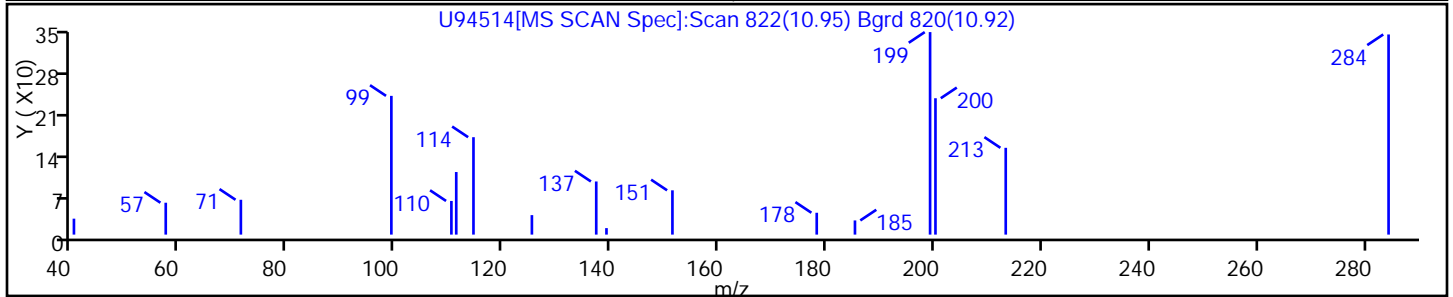
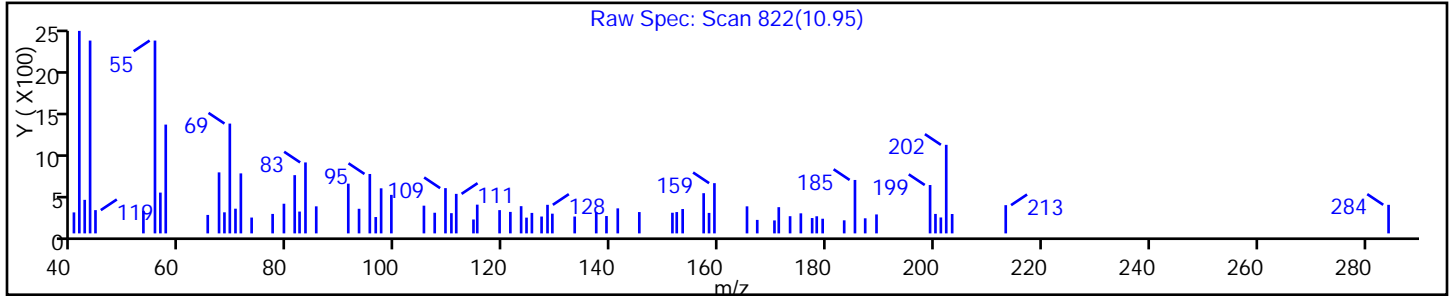
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#: 25

Worklist Smp#: 25

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

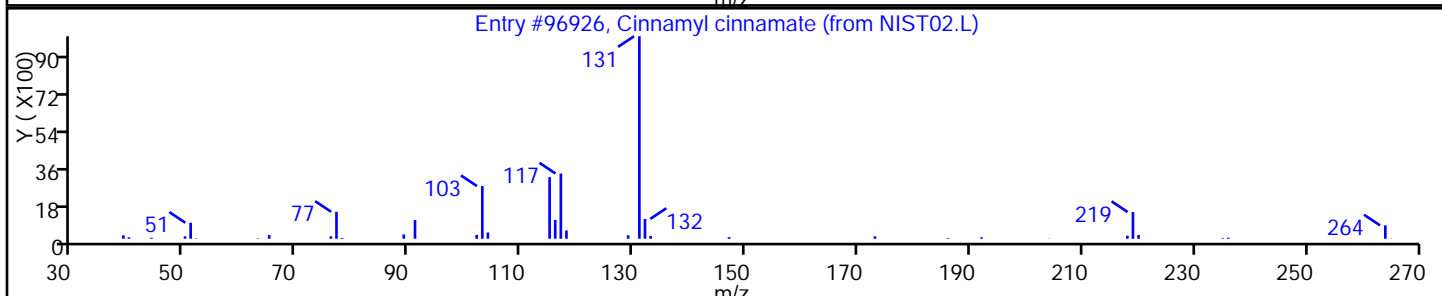
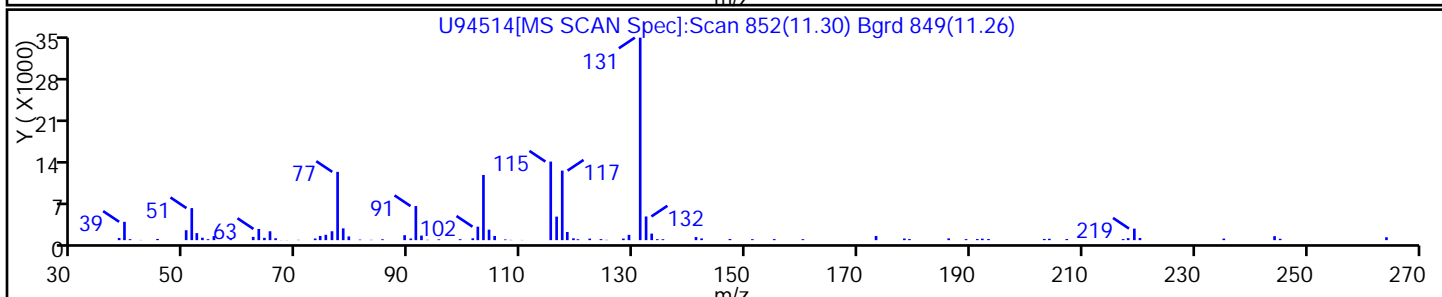
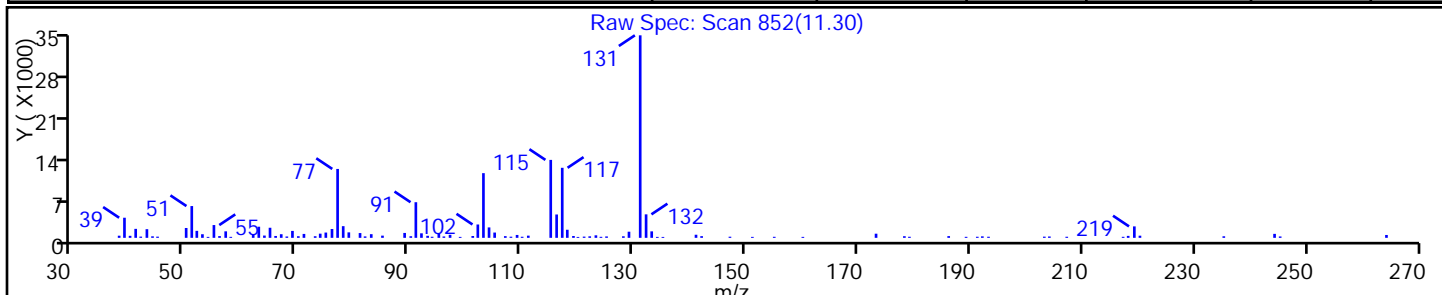
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cinnamyl cinnamate	122-69-0	NIST02.L	96926	C18H16O2	264	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

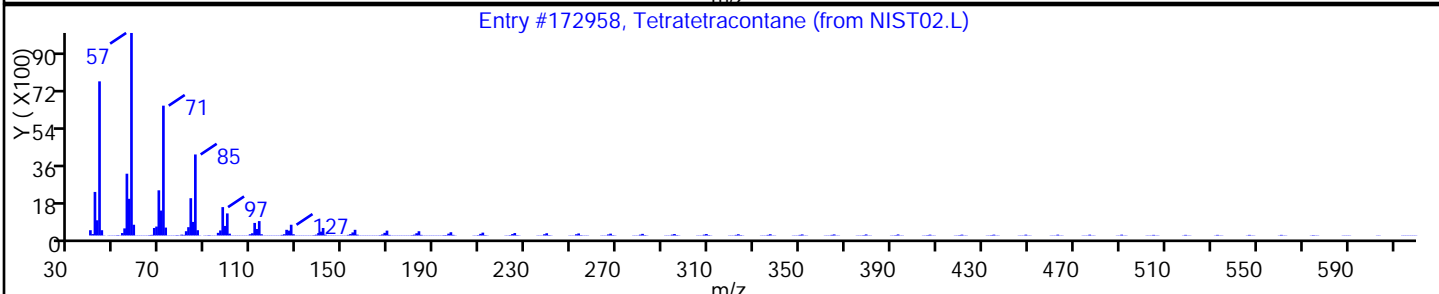
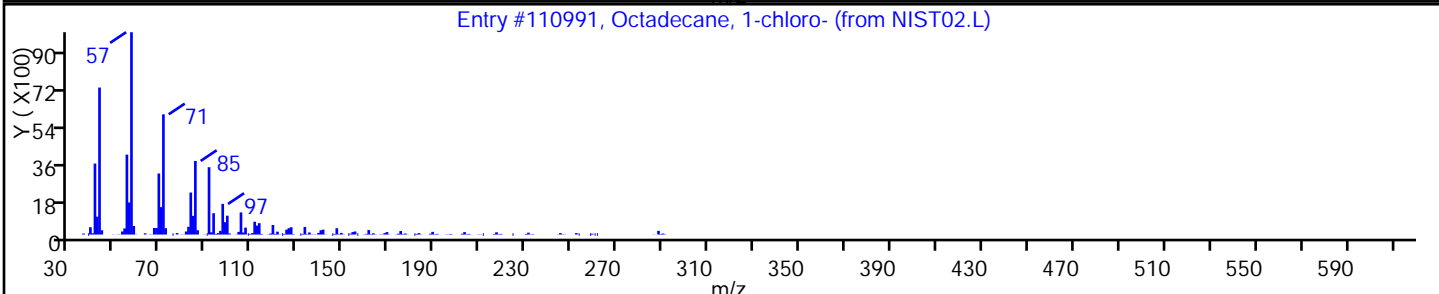
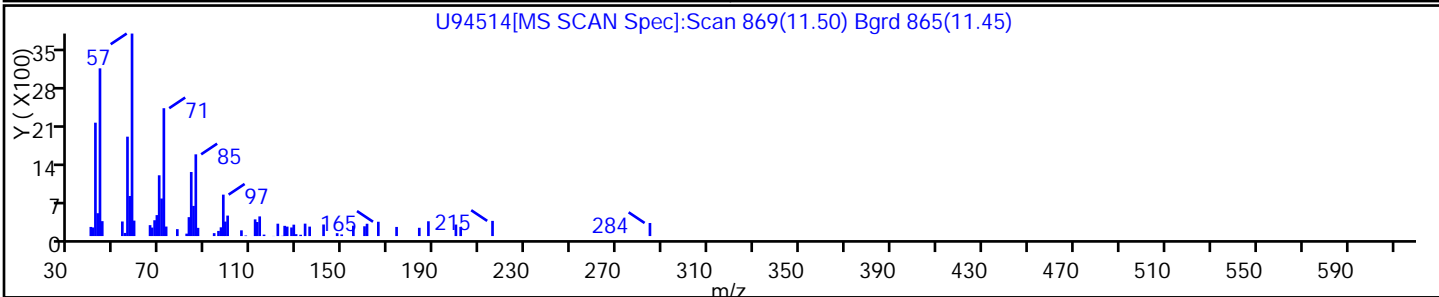
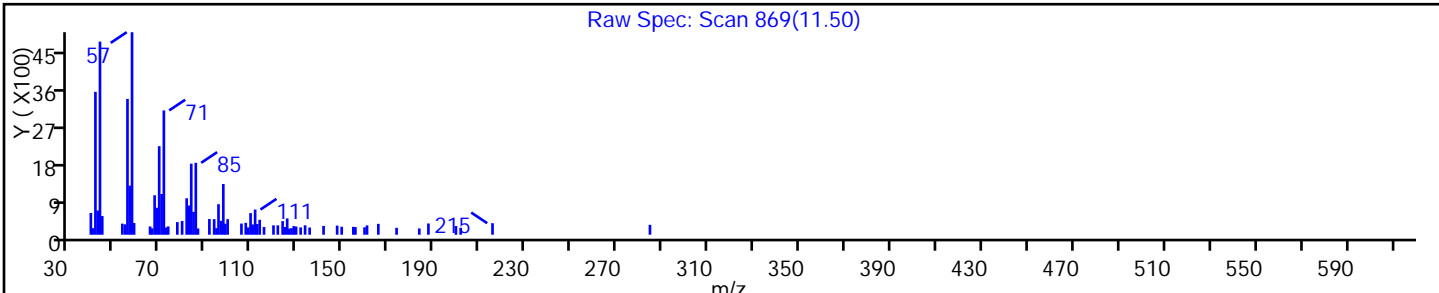
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane, 1-chloro-	3386-33-2	NIST02.L	110991	C18H37Cl	288	90
Tetratetracontane	7098-22-8	NIST02.L	172958	C44H90	619	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#:

25

Worklist Smp#:

25

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

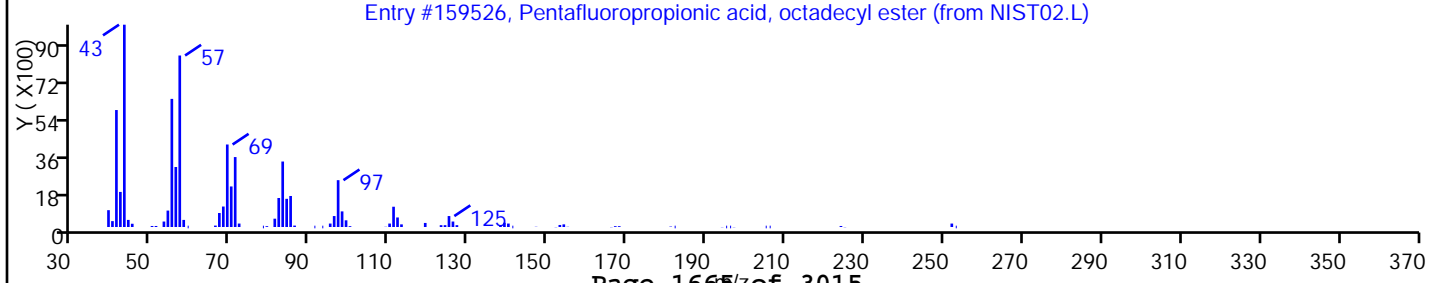
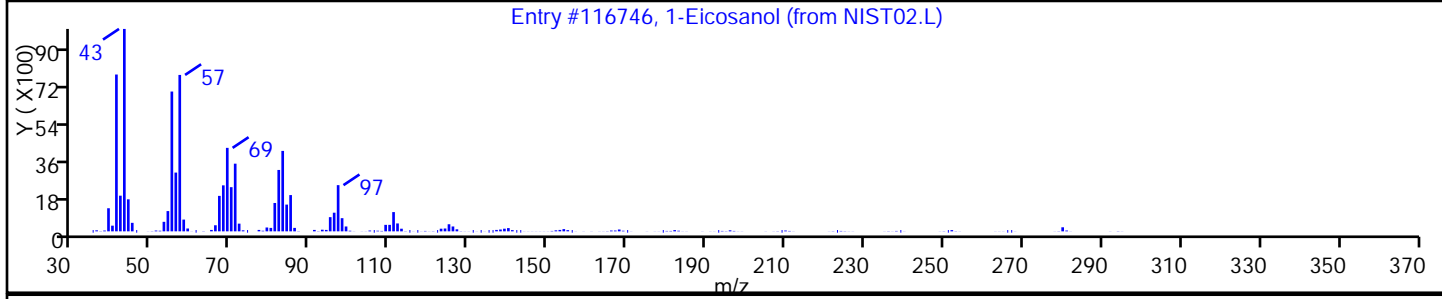
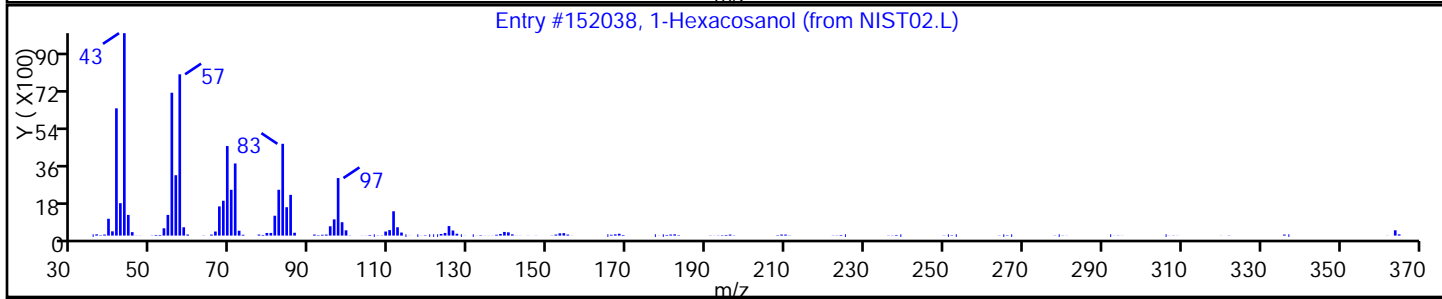
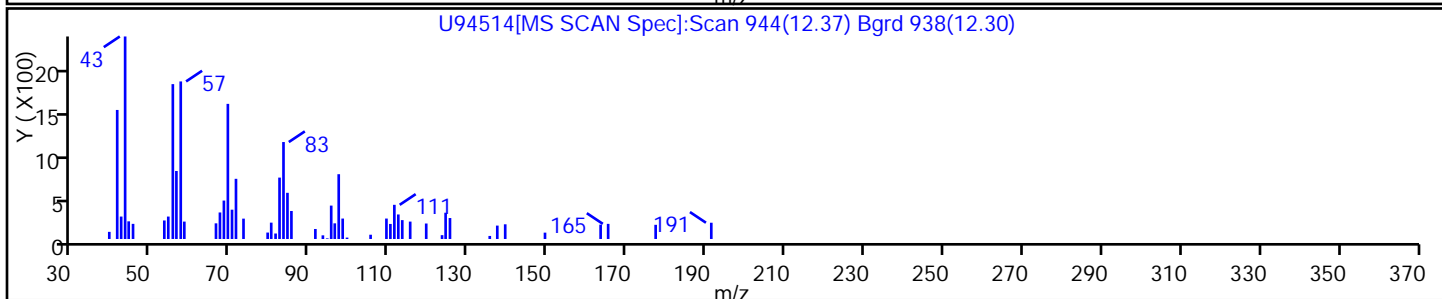
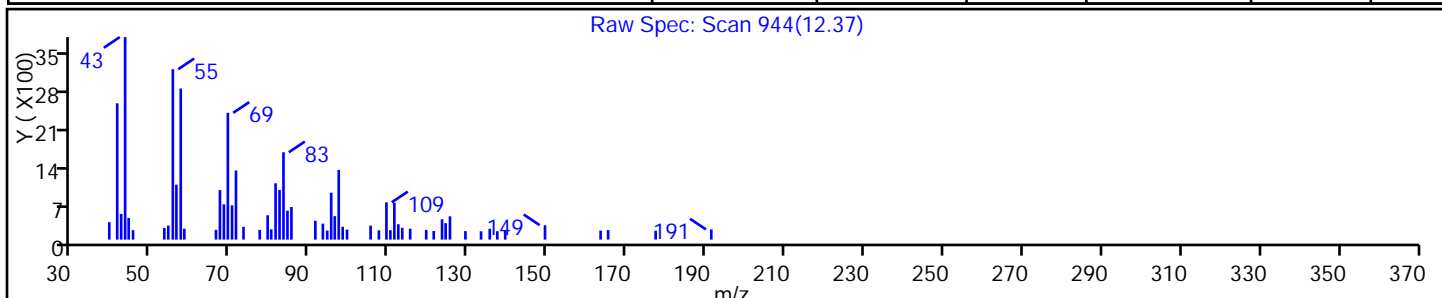
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexacosanol	506-52-5	NIST02.L	152038	C26H54O	382	87
1-Eicosanol	629-96-9	NIST02.L	116746	C20H42O	298	87
Pentafluoropropionic acid, octadecyl est	1000280-07	NIST02.L	159526	C21H37F5O	416	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94514.D

Injection Date: 13-Mar-2014 11:55:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#: 25

Worklist Smp#: 25

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

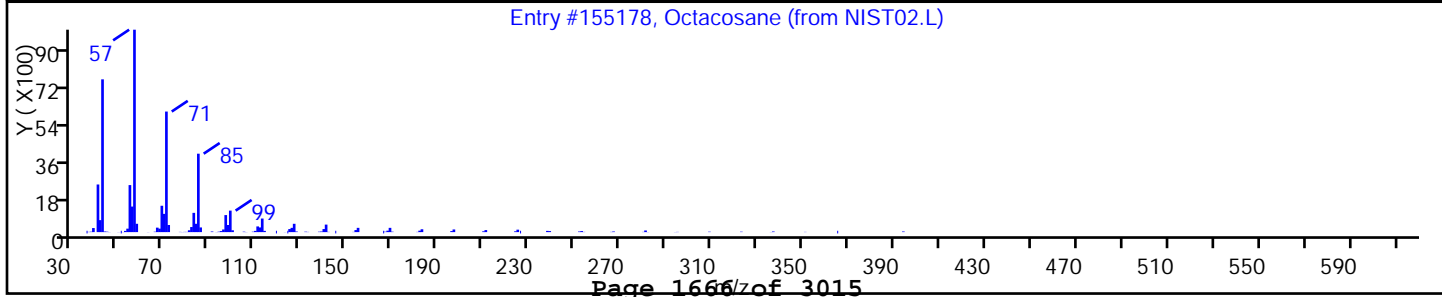
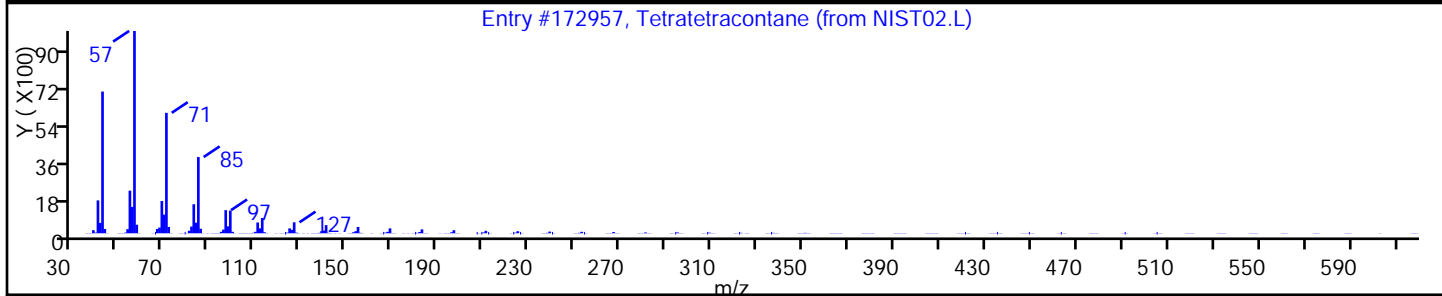
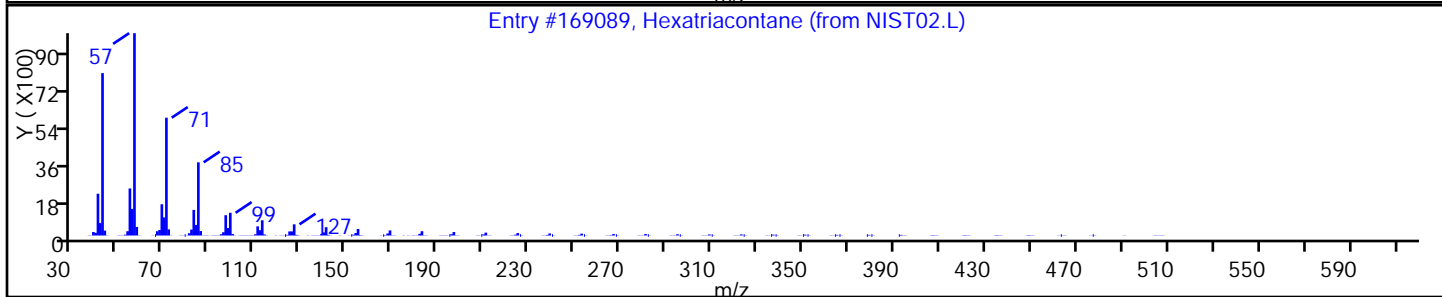
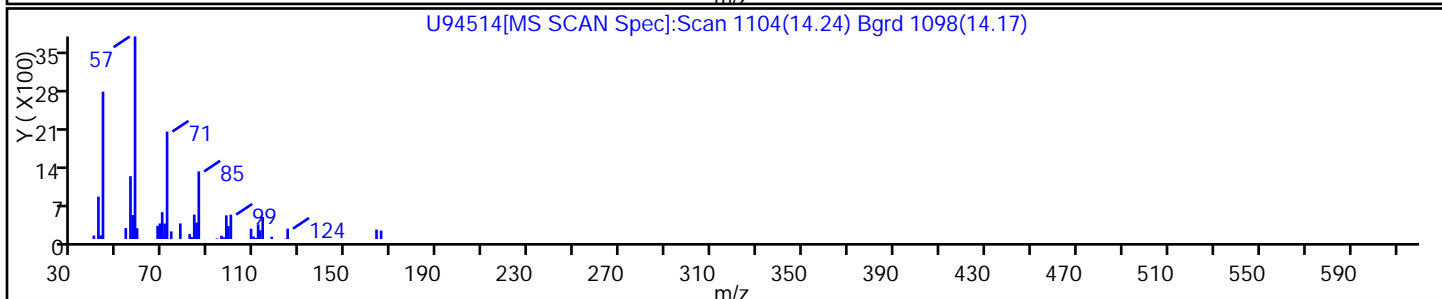
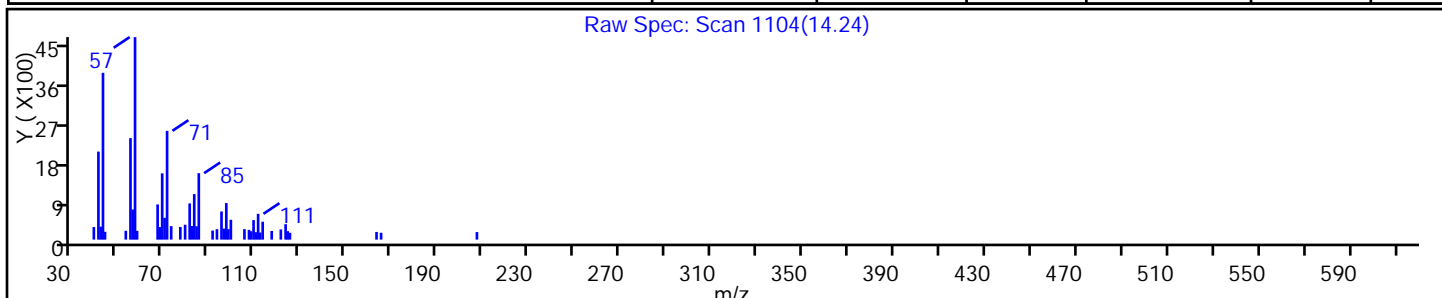
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexatriacontane	630-06-8	NIST02.L	169089	C36H74	507	86
Tetratetracontane	7098-22-8	NIST02.L	172957	C44H90	619	86
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: U94512.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 11:10
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	350	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: U94512.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 11:10
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	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	47	U	350	47
84-74-2	Di-n-butyl phthalate	66	J	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	710	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	710	100
129-00-0	Pyrene	29	U	350	29
218-01-9	Chrysene	41	U	350	41
207-08-9	Benzo[k]fluoranthene	2.7	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	350	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: U94512.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 11:10
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	46		40-106
4165-62-2	Phenol-d5	72		44-104
1718-51-0	Terphenyl-d14	116		41-145
118-79-6	2,4,6-Tribromophenol	98		19-114
367-12-4	2-Fluorophenol	51		39-103
321-60-8	2-Fluorobiphenyl	64		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: U94512.D
 Analysis Method: 8270C Date Collected: 03/07/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 11:10
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg
 Number TICs Found: 2 TIC Result Total: 1290

CAS NO.	COMPOUND NAME	RT	RESULT	Q
87-44-5	Caryophyllene	7.09	310	J N
	Unknown	11.30	980	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94512.D
 Lims ID: 460-72180-E-23-A Lab Sample ID: 460-72180-23
 Client ID: PMP-32SW-VS
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:10:30 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-023
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: XAWRK034

First Level Reviewer: croccom

Date: 13-Mar-2014 18:00:10

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.125	3.126	-0.001	89	137975	25.5	
\$ 6 Phenol-d5	99	4.036	4.072	-0.036	71	234200	35.9	
* 13 1,4-Dichlorobenzene-d4	152	4.409	4.423	-0.014	97	123488	40.0	
\$ 25 Nitrobenzene-d5	82	4.955	4.984	-0.029	91	161773	22.9	
* 35 Naphthalene-d8	136	5.678	5.696	-0.018	100	573114	40.0	
\$ 48 2-Fluorobiphenyl	172	6.759	6.780	-0.021	98	294056	32.2	
* 61 Acenaphthene-d10	164	7.425	7.444	-0.019	93	267575	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.201	8.223	-0.022	93	50283	48.9	
* 83 Phenanthrene-d10	188	8.879	8.909	-0.030	99	435235	40.0	
87 Di-n-butyl phthalate	149	9.449	9.471	-0.022	95	15159	0.9311	
\$ 91 Terphenyl-d14	244	10.450	10.464	-0.014	98	270480	57.8	
* 96 Chrysene-d12	240	11.651	11.672	-0.021	99	201656	40.0	
* 103 Perylene-d12	264	13.561	13.590	-0.029	97	156005	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94512.D
 Lims ID: 460-72180-E-23-A Lab Sample ID: 460-72180-23
 Client ID: PMP-32SW-VS
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:10:30 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-023
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: croccom Date: 13-Mar-2014 18:00:10

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
87-44-5								
7.086	135501	4.37	61	92	58633	C15H24	204	
11.301	212779	13.8	96					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.425	1240845	40.0
* 96 Chrysene-d12	11.639	618099	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140313-10792.b\U94512.D

Injection Date: 13-Mar-2014 11:10:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-23-A

Lab Sample ID: 460-72180-23

Worklist Smp#: 23

Client ID: PMP-32SW-VS

Injection Vol: 1.0 ul

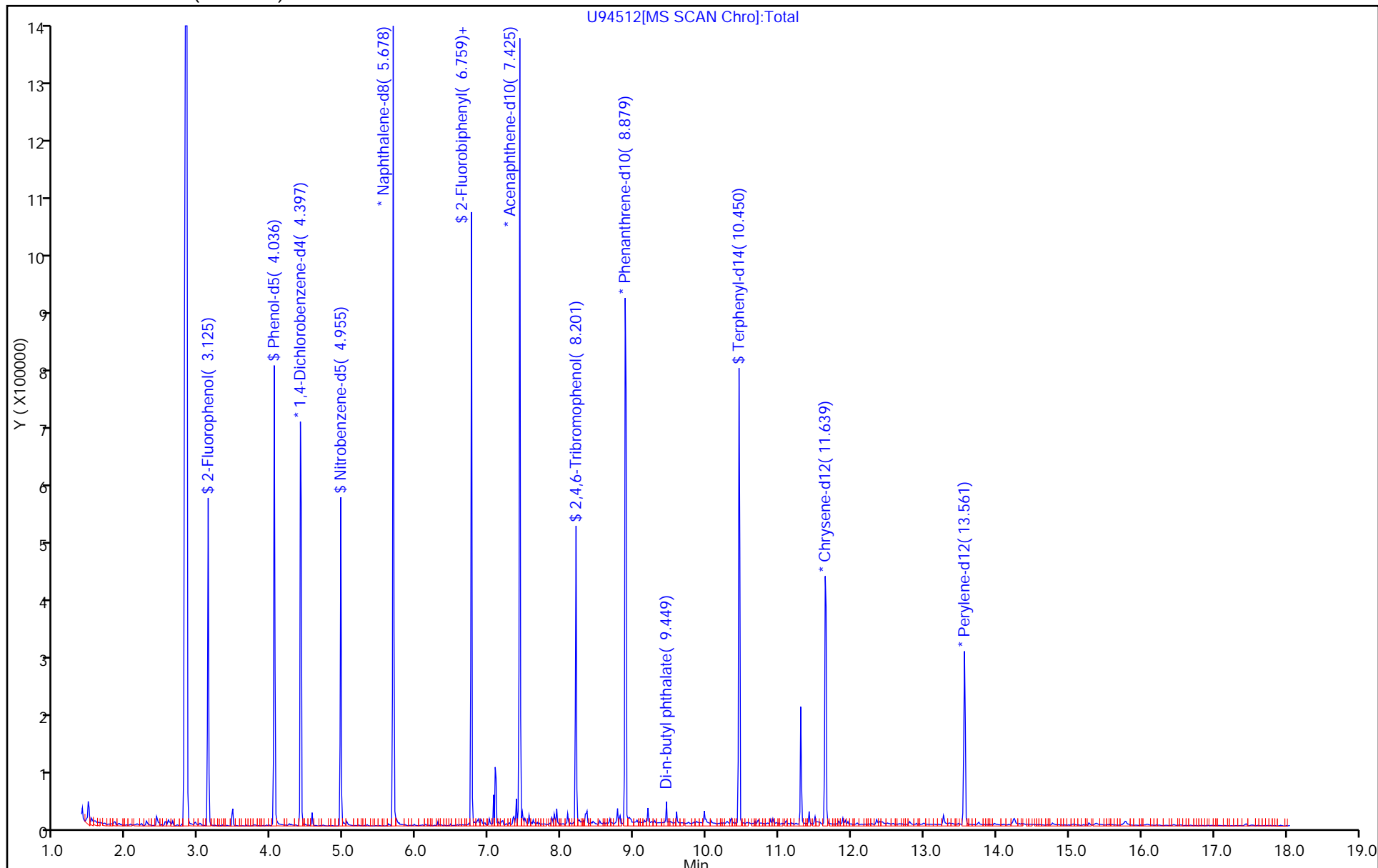
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94512.D

Injection Date: 13-Mar-2014 11:10:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

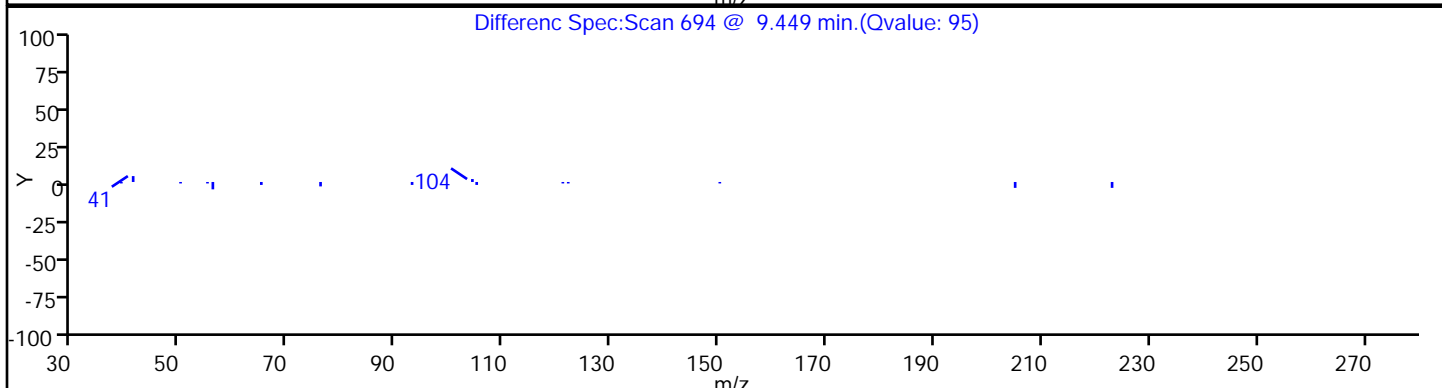
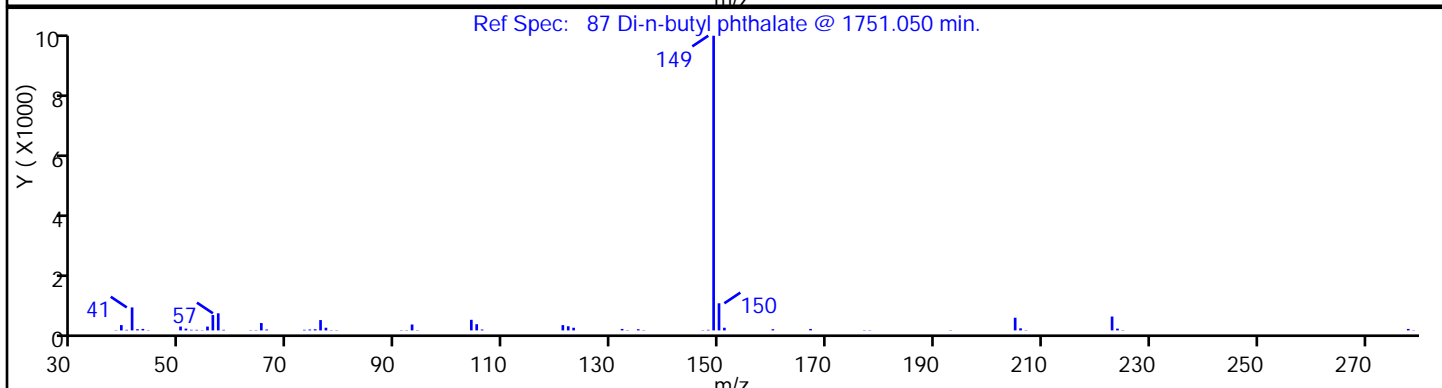
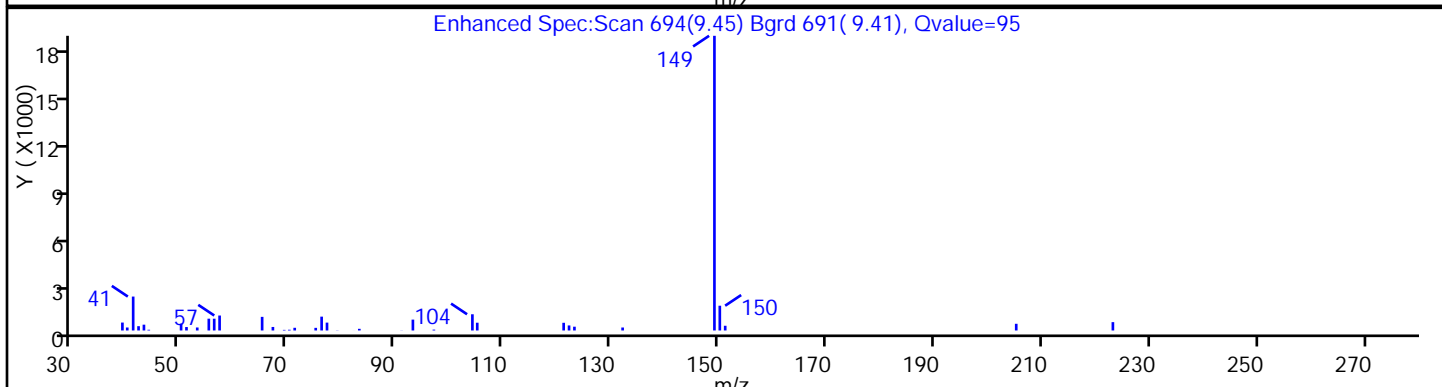
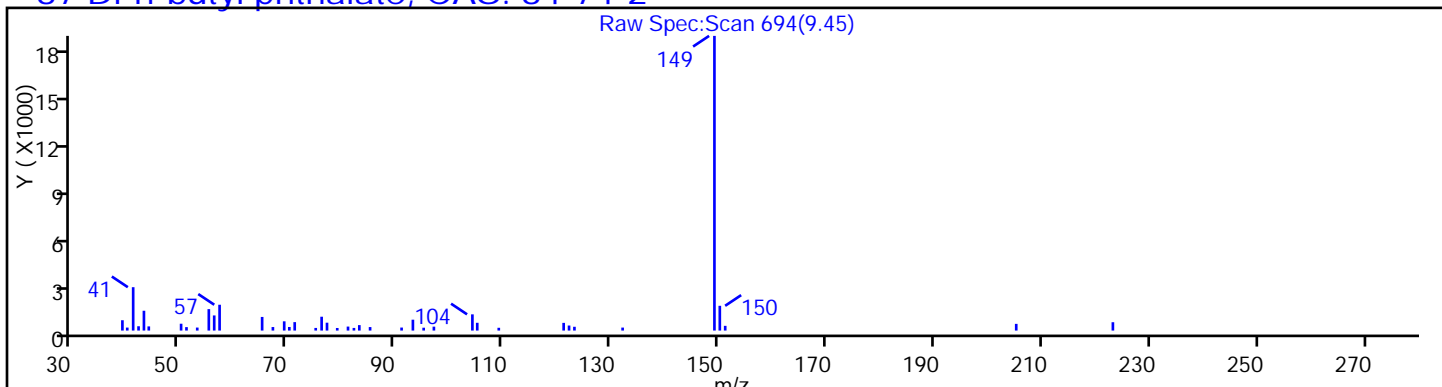
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

87 Di-n-butyl phthalate, CAS: 84-74-2



TestAmerica Edison

Data File: \\EDICHRON\ChromData\CBNAMS4\20140313-10792.b\U94512.D

Injection Date: 13-Mar-2014 11:10:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

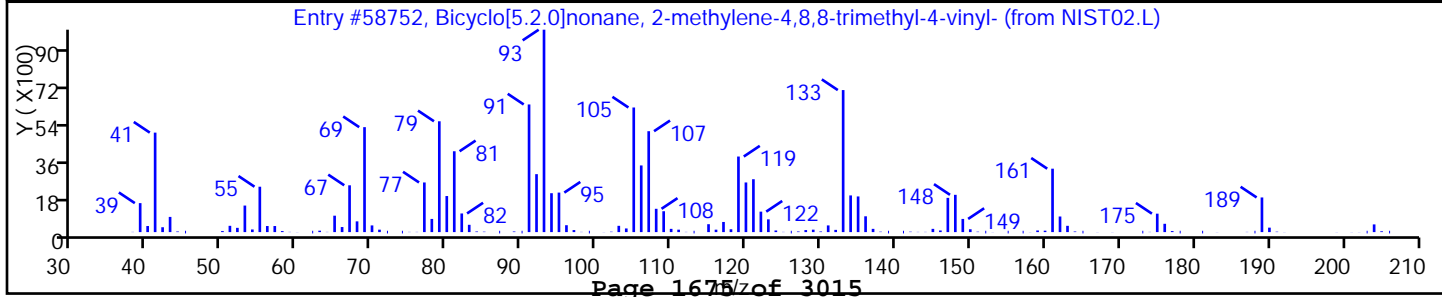
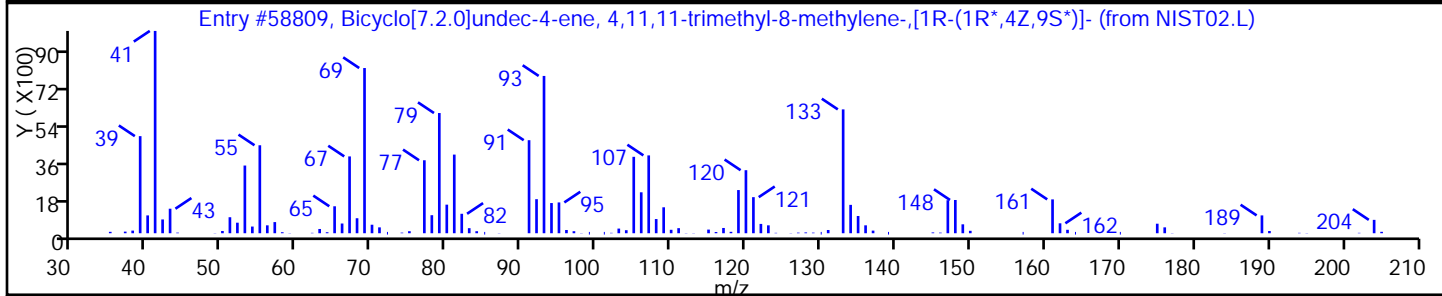
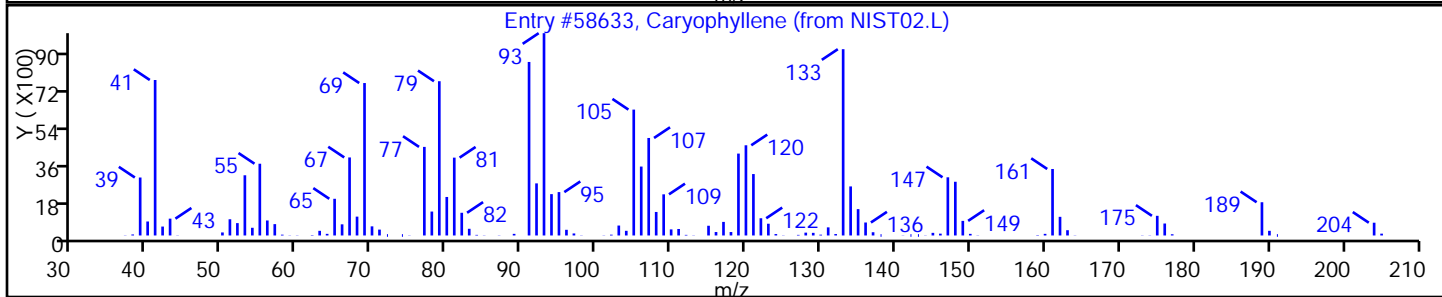
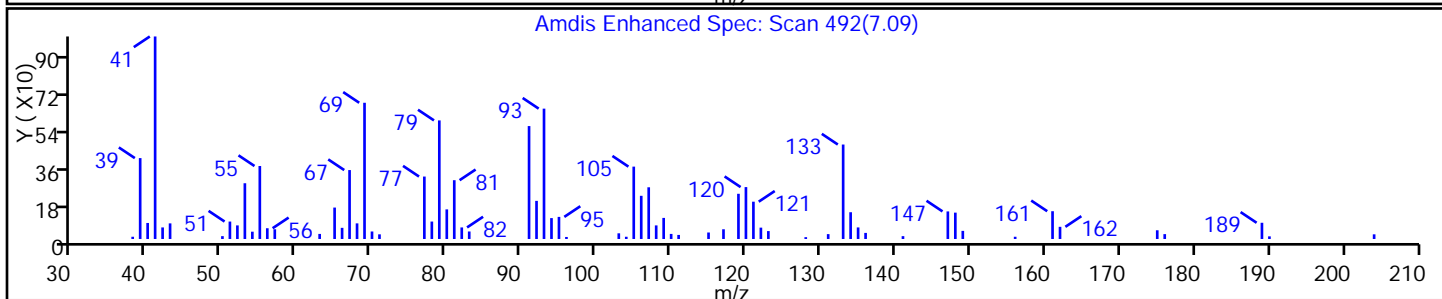
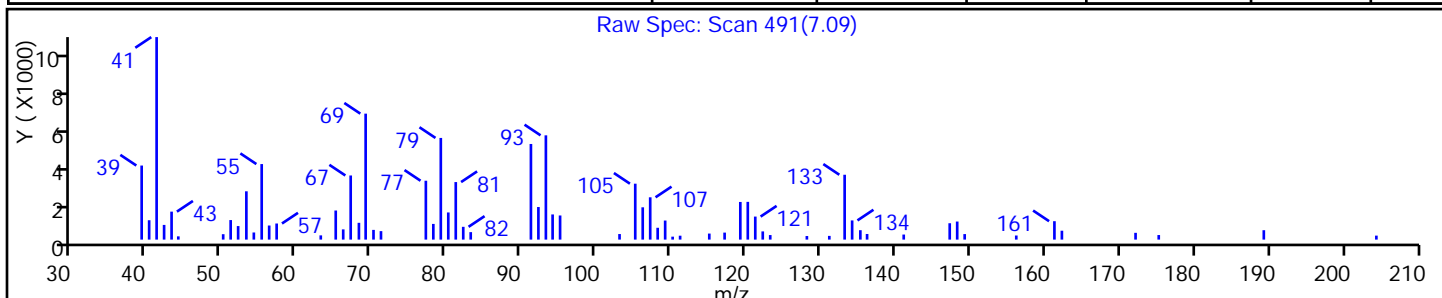
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Caryophyllene	87-44-5	NIST02.L	58633	C15H24	204	92
Bicyclo[7.2.0]undec-4-ene, 4,11,11-trime	118-65-0	NIST02.L	58809	C15H24	204	90
Bicyclo[5.2.0]nonane, 2-methylene-4,8,8-	242794-76-9	NIST02.L	58752	C15H24	204	81



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94512.D

Injection Date: 13-Mar-2014 11:10:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

23

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

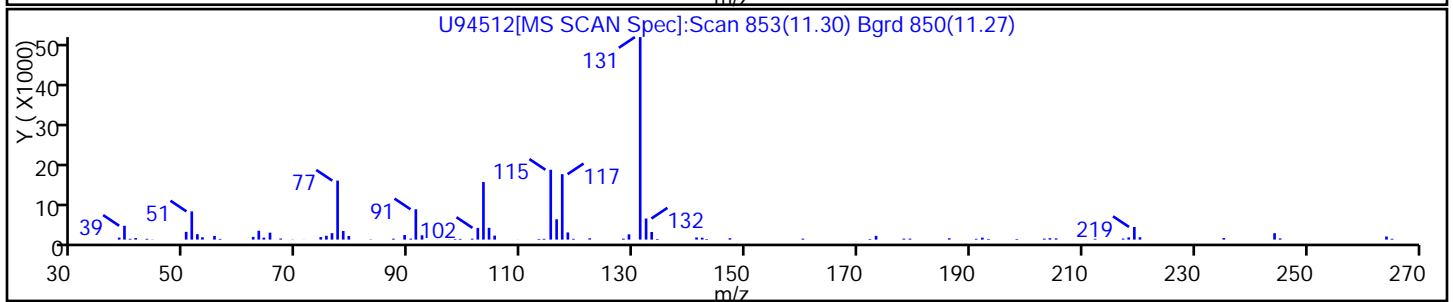
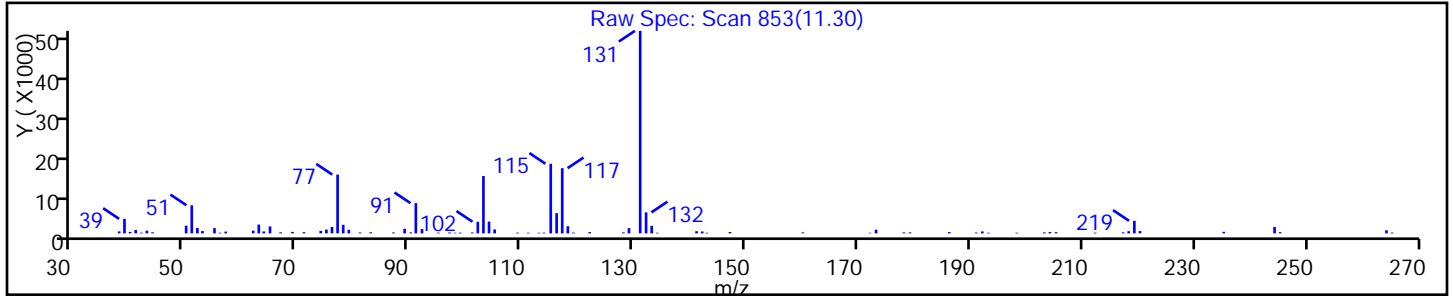
Limit Group:

SV 8270 ICAL

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: U94510.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 10:25
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	96	U	710	96
95-57-8	2-Chlorophenol	94	U	710	94
95-48-7	2-Methylphenol	120	U	710	120
106-44-5	4-Methylphenol	140	U	710	140
100-52-7	Benzaldehyde	84	U	710	84
98-86-2	Acetophenone	110	U	710	110
111-44-4	Bis(2-chloroethyl) ether	9.7	U	71	9.7
108-60-1	2,2'-oxybis[1-chloropropane]	79	U	710	79
621-64-7	N-Nitrosodi-n-propylamine	12	U	71	12
98-95-3	Nitrobenzene	10	U *	71	10
67-72-1	Hexachloroethane	7.9	U	71	7.9
78-59-1	Isophorone	86	U	710	86
88-75-5	2-Nitrophenol	79	U	710	79
105-67-9	2,4-Dimethylphenol	180	U	710	180
120-83-2	2,4-Dichlorophenol	100	U	710	100
111-91-1	Bis(2-chloroethoxy)methane	92	U	710	92
91-20-3	Naphthalene	83	U	710	83
106-47-8	4-Chloroaniline	190	U	710	190
87-68-3	Hexachlorobutadiene	17	U	140	17
105-60-2	Caprolactam	160	U	710	160
59-50-7	4-Chloro-3-methylphenol	110	U	710	110
91-57-6	2-Methylnaphthalene	92	U	710	92
118-74-1	Hexachlorobenzene	9.7	U	71	9.7
77-47-4	Hexachlorocyclopentadiene	84	U	710	84
88-06-2	2,4,6-Trichlorophenol	83	U	710	83
95-95-4	2,4,5-Trichlorophenol	92	U	710	92
92-52-4	Diphenyl	95	U	710	95
91-58-7	2-Chloronaphthalene	79	U	710	79
88-74-4	2-Nitroaniline	300	U	710	300
606-20-2	2,6-Dinitrotoluene	21	U	140	21
131-11-3	Dimethyl phthalate	84	U	710	84
208-96-8	Acenaphthylene	84	U	710	84
99-09-2	3-Nitroaniline	250	U	710	250
83-32-9	Acenaphthene	100	U	710	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: U94510.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 10:25
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	460	U	710	460
51-28-5	2,4-Dinitrophenol	400	U	1400	400
132-64-9	Dibenzofuran	84	U	710	84
84-66-2	Diethyl phthalate	85	U	710	85
86-73-7	Fluorene	91	U	710	91
206-44-0	Fluoranthene	95	U	710	95
84-74-2	Di-n-butyl phthalate	88	U	710	88
121-14-2	2,4-Dinitrotoluene	23	U	140	23
7005-72-3	4-Chlorophenyl phenyl ether	84	U	710	84
100-01-6	4-Nitroaniline	220	U	1400	220
534-52-1	4,6-Dinitro-2-methylphenol	190	U	1400	190
101-55-3	4-Bromophenyl phenyl ether	71	U	710	71
1912-24-9	Atrazine	110	U	710	110
120-12-7	Anthracene	87	U	710	87
86-74-8	Carbazole	84	U	710	84
85-01-8	Phenanthrene	91	U	710	91
87-86-5	Pentachlorophenol	210	U	1400	210
129-00-0	Pyrene	67	J	710	60
218-01-9	Chrysene	83	U	710	83
207-08-9	Benzo[k]fluoranthene	5.4	U	71	5.4
191-24-2	Benzo[g,h,i]perylene	53	U	710	53
205-99-2	Benzo[b]fluoranthene	4.5	U	71	4.5
50-32-8	Benzo[a]pyrene	5.0	U	71	5.0
56-55-3	Benzo[a]anthracene	5.0	U	71	5.0
86-30-6	N-Nitrosodiphenylamine	70	U	710	70
85-68-7	Butyl benzyl phthalate	65	U	710	65
117-81-7	Bis(2-ethylhexyl) phthalate	240	U	710	240
117-84-0	Di-n-octyl phthalate	45	U	710	45
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	71	13
53-70-3	Dibenz(a,h)anthracene	9.0	U	71	9.0
91-94-1	3,3'-Dichlorobenzidine	250	U	710	250
95-94-3	1,2,4,5-Tetrachlorobenzene	96	U	710	96
58-90-2	2,3,4,6-Tetrachlorophenol	93	U	710	93

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: U94510.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 10:25
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	51		40-106
4165-62-2	Phenol-d5	71		44-104
1718-51-0	Terphenyl-d14	90		41-145
118-79-6	2,4,6-Tribromophenol	69		19-114
367-12-4	2-Fluorophenol	58		39-103
321-60-8	2-Fluorobiphenyl	87		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: U94510.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/13/2014 10:25
 Con. Extract Vol.: 1(mL) Dilution Factor: 2
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg
 Number TICs Found: 15 TIC Result Total: 98500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	2.81	15000	J
	Unknown	7.07	3800	J
112-40-3	Dodecane	7.19	8300	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	7.35	3800	J N
	Unknown	7.53	2900	J
73105-67-6	1-Iodo-2-methylundecane	7.65	3500	J N
	Unknown	7.71	3500	J
	Unknown	7.84	4400	J
112-95-8	Eicosane	7.92	3600	J N
	Unknown	8.00	2800	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.11	15000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.38	15000	J N
	Unknown	8.64	4600	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.83	8900	J N
593-45-3	Octadecane	9.17	3400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D
 Lims ID: 460-72180-E-24-A Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:25:30 ALS Bottle#: 21 Worklist Smp#: 21
 Injection Vol: 1.0 ul Dil. Factor: 2.0000
 Sample Info: 460-0010792-021
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha

Date: 13-Mar-2014 11:18:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.116	3.126	-0.010	84	79200	14.4	
\$ 6 Phenol-d5	99	4.031	4.072	-0.041	69	117031	17.6	
* 13 1,4-Dichlorobenzene-d4	152	4.401	4.423	-0.022	96	125524	40.0	
\$ 25 Nitrobenzene-d5	82	4.960	4.984	-0.024	88	91116	12.7	
* 35 Naphthalene-d8	136	5.677	5.696	-0.019	99	581416	40.0	
\$ 48 2-Fluorobiphenyl	172	6.762	6.780	-0.018	97	155288	21.8	
* 61 Acenaphthene-d10	164	7.428	7.444	-0.016	91	208734	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.214	8.223	-0.009	56	13863	17.3	
* 83 Phenanthrene-d10	188	8.901	8.909	-0.008	98	273967	40.0	
90 Pyrene	202	10.300	10.312	-0.012	84	2381	0.4670	
\$ 91 Terphenyl-d14	244	10.457	10.464	-0.007	98	84409	22.5	
* 96 Chrysene-d12	240	11.646	11.672	-0.026	97	161260	40.0	
* 103 Perylene-d12	264	13.564	13.590	-0.026	98	146285	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D
 Lims ID: 460-72180-E-24-A Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:25:30 ALS Bottle#: 21 Worklist Smp#: 21
 Injection Vol: 1.0 ul Dil. Factor: 2.0000
 Sample Info: 460-0010792-021
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: szczecha Date: 13-Mar-2014 11:18:12

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2.812	2248117	101.1	13					
7.067	1028036	26.3	61					
	112-40-3							
	Dodecane							
7.193	2254541	57.7	61	87	36157	C12H26	170	
	80655-44-3							
	Decahydro-4,4,8,9,10-pentamethylnaphthal							
7.350	1027914	26.3	61	93	61716	C15H28	208	
7.529	802428	20.5	61					
	73105-67-6							
	1-Iodo-2-methylundecane							
7.653	941114	24.1	61	86	114973	C12H25I	296	
7.709	941649	24.1	61					
7.843	1202043	30.8	61					
	112-95-8							
	Eicosane							
7.922	990725	25.4	61	86	107652	C20H42	282	
8.000	755479	19.3	61					
	3892-00-0							
	Pentadecane, 2,6,10-trimethyl-							
8.113	4155777	106.4	61	94	91053	C18H38	254	
	1921-70-6							
	Pentadecane, 2,6,10,14-tetramethyl-							
8.383	6629194	101.8	83	97	99493	C19H40	268	

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
8.642	2084283	32.0	83					
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.833	4050665	62.2	83	97	107666	C20H42	282	M
	593-45-3	Octadecane						
9.172	1556802	23.9	83	90	91036	C18H38	254	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.401	889557	40.0
* 61 Acenaphthene-d10	7.428	1563052	40.0
* 83 Phenanthrene-d10	8.901	2603783	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Worklist Smp#: 21

Client ID: DUP_030714

Injection Vol: 1.0 ul

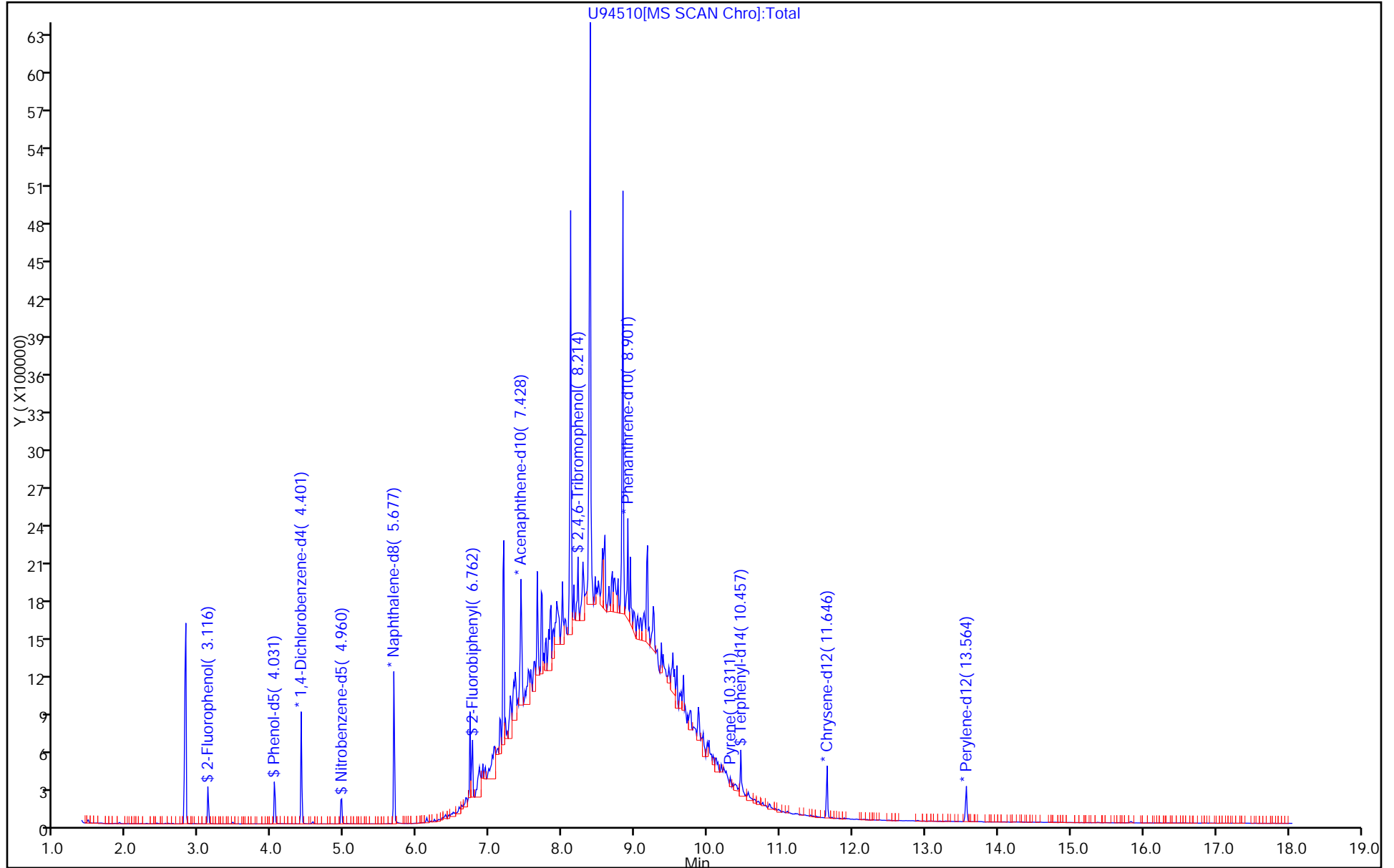
Dil. Factor: 2.0000

ALS Bottle#: 21

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

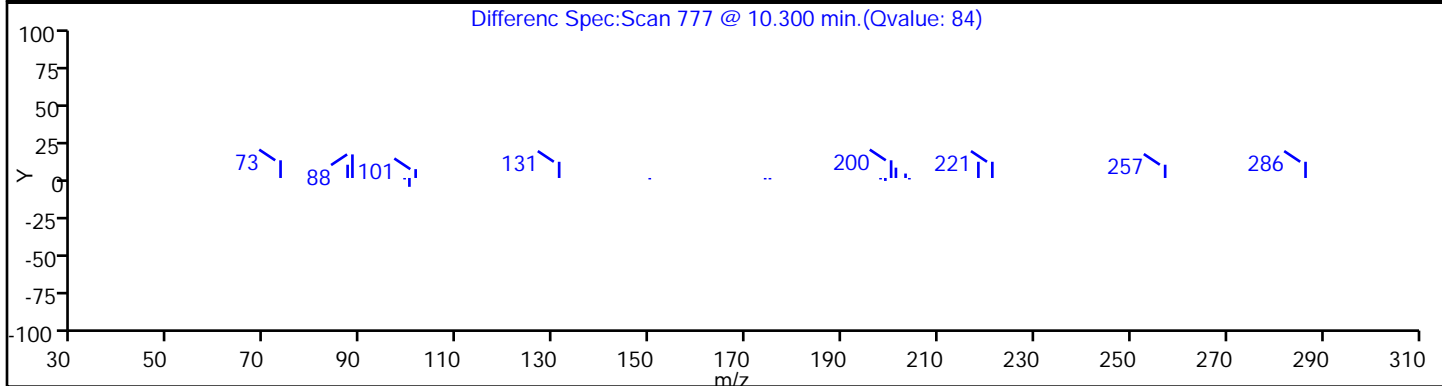
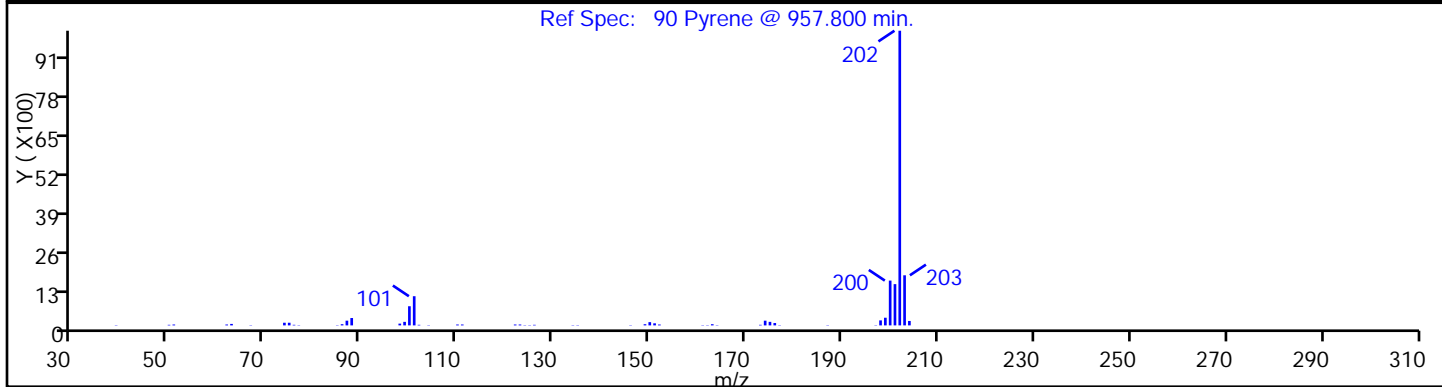
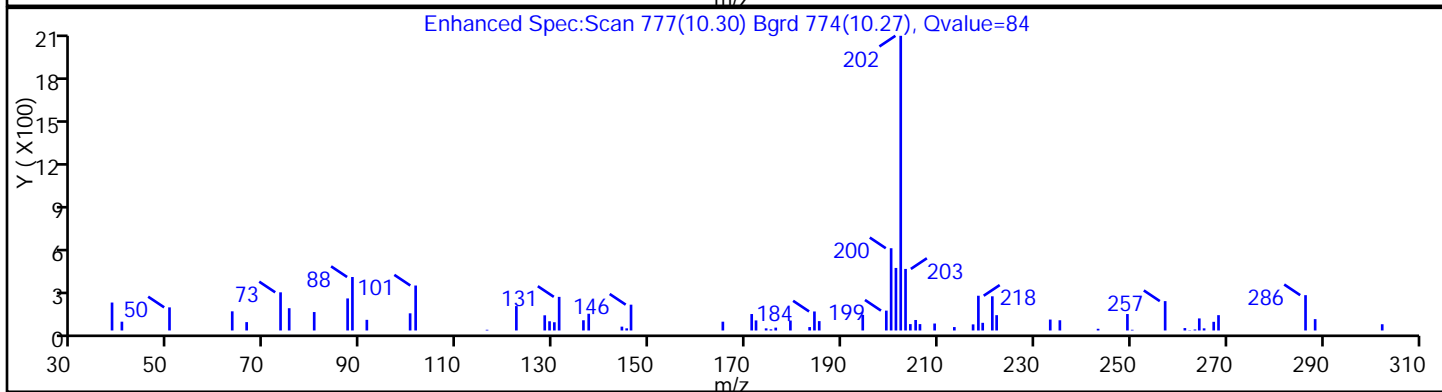
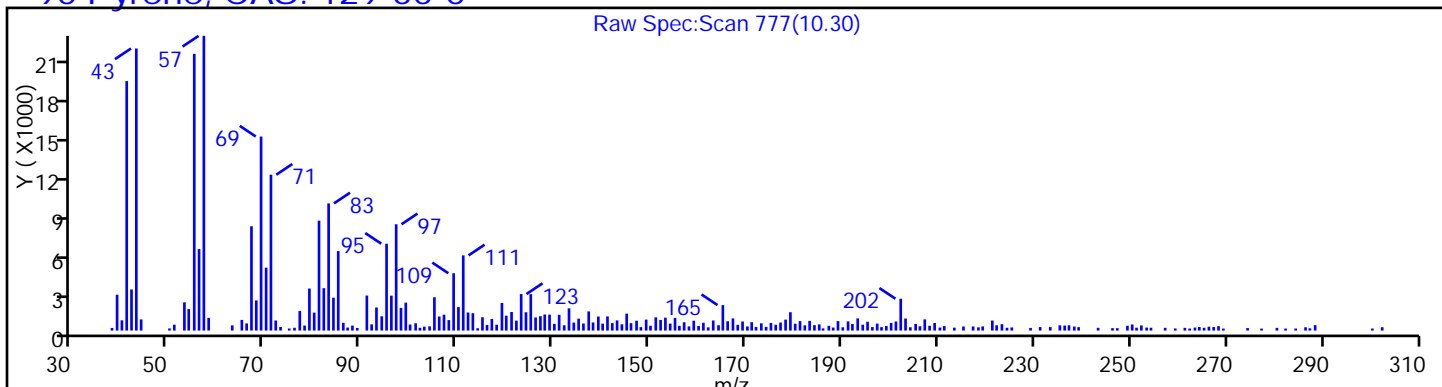
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

21

Injection Vol: 1.0 ul

Dil. Factor:

2.0000

Method: 8270_4R

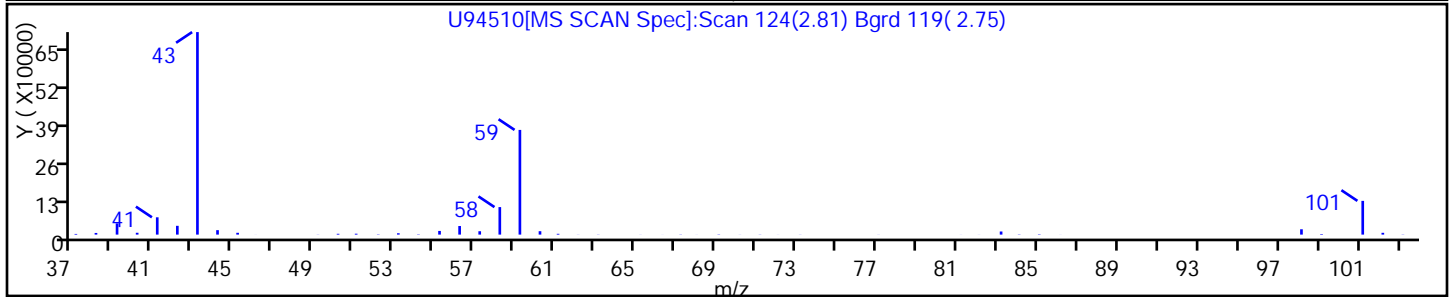
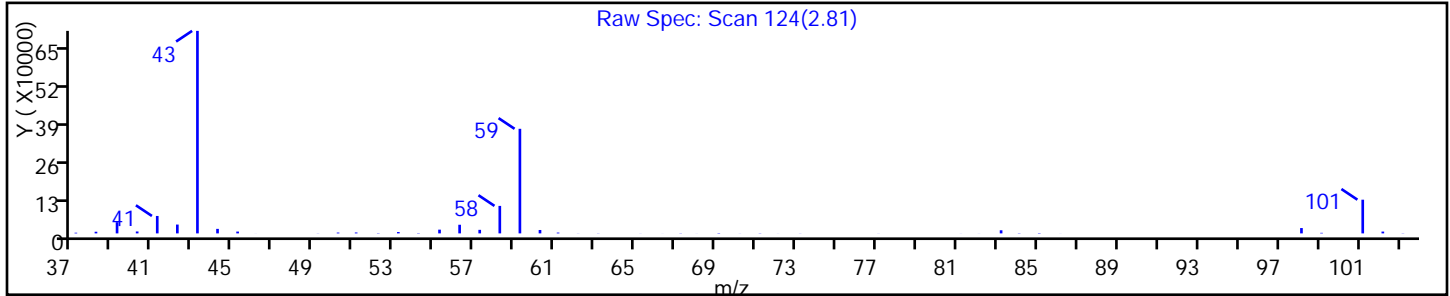
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

21

Injection Vol: 1.0 ul

Dil. Factor:

2.0000

Method: 8270_4R

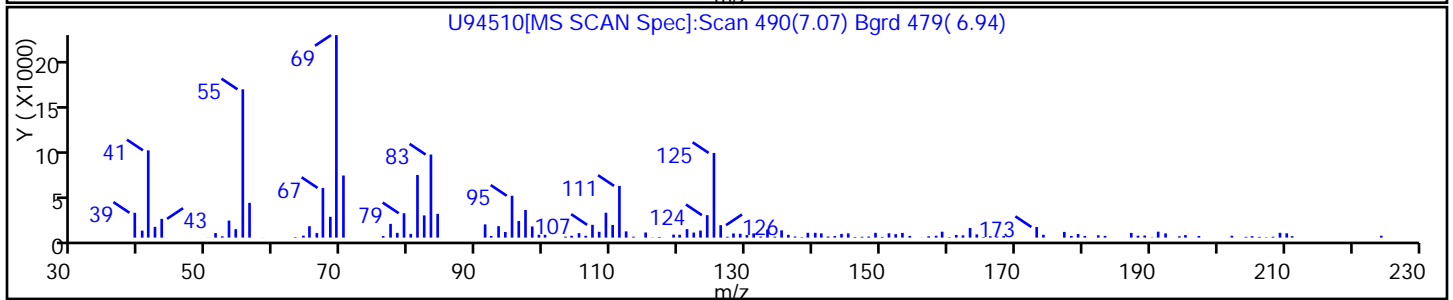
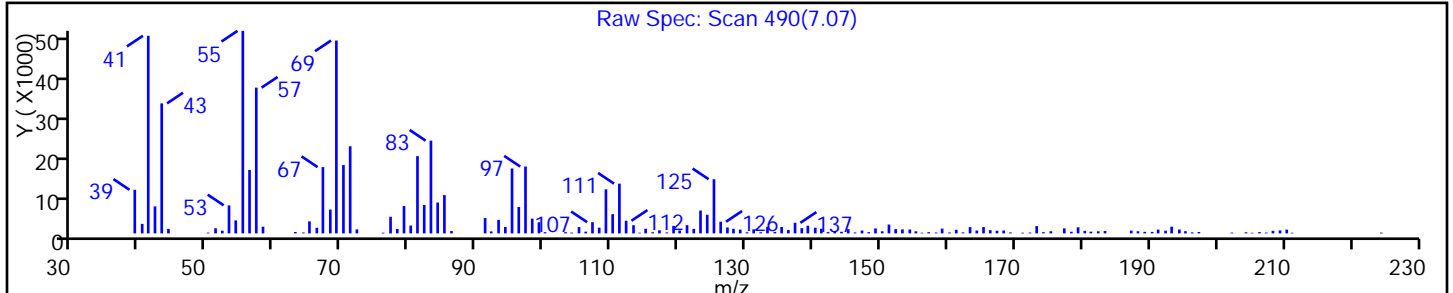
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

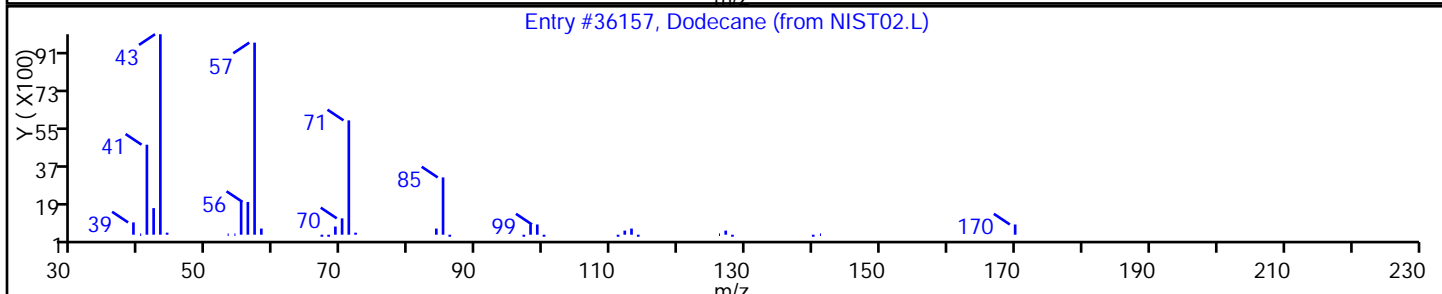
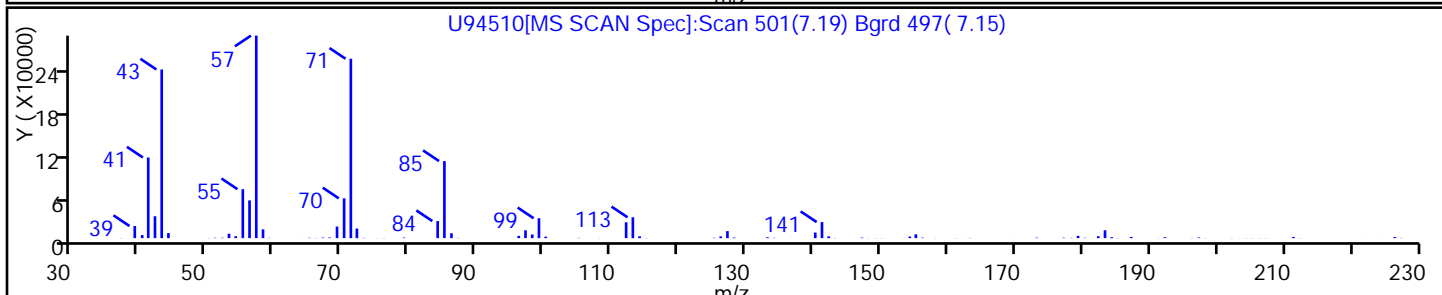
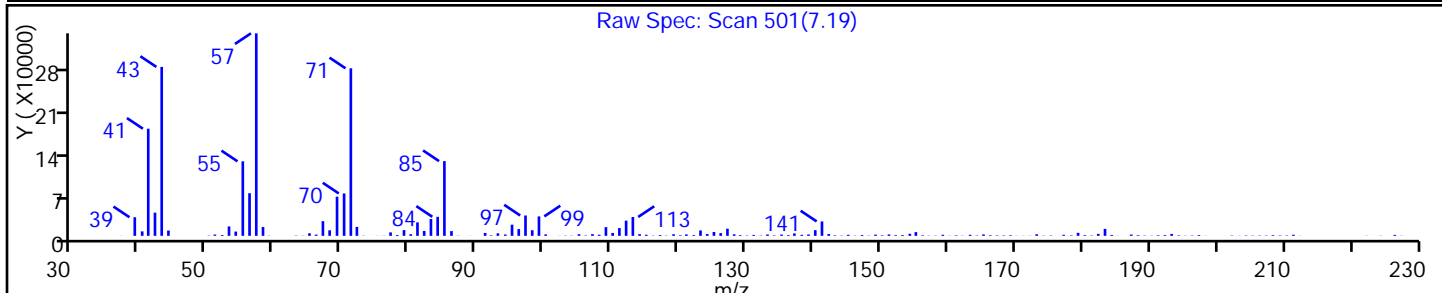
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36157	C12H26	170	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

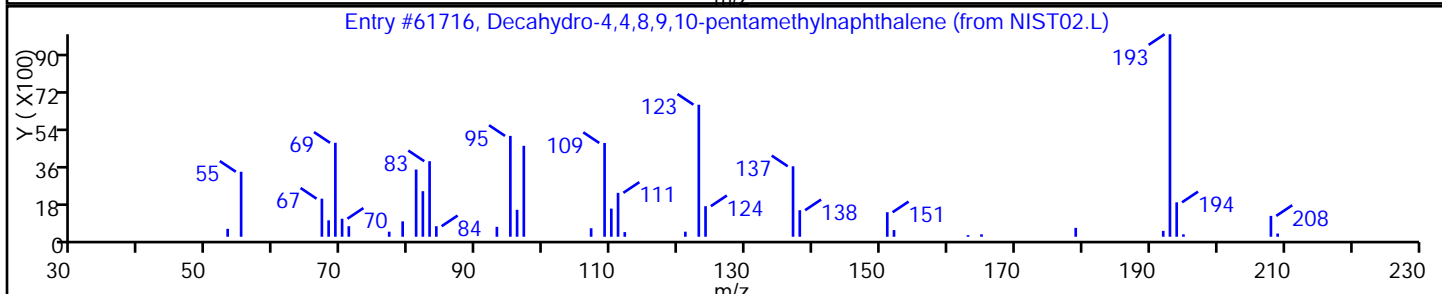
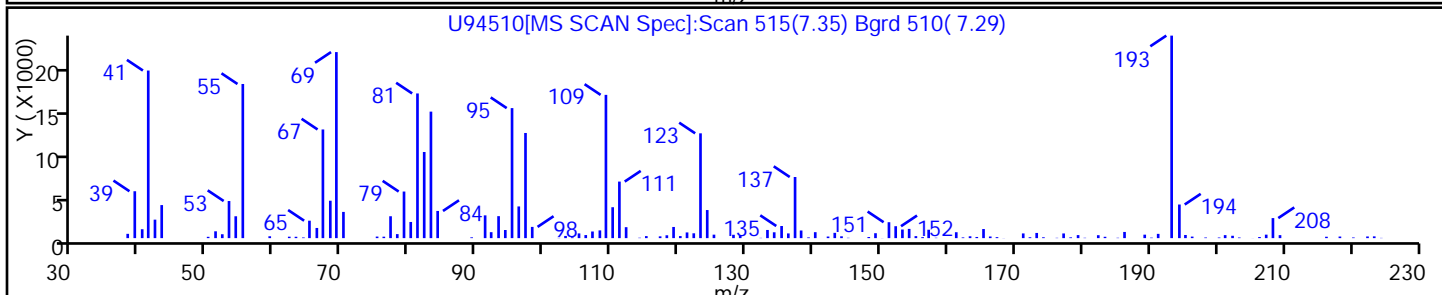
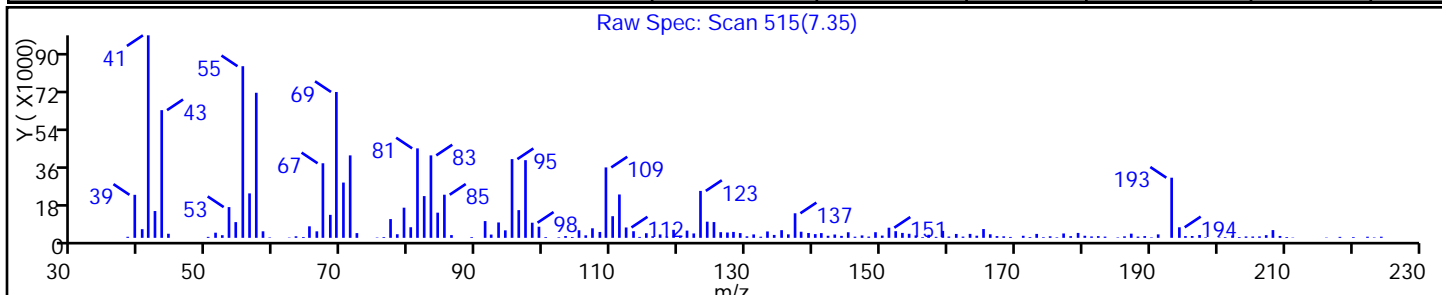
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

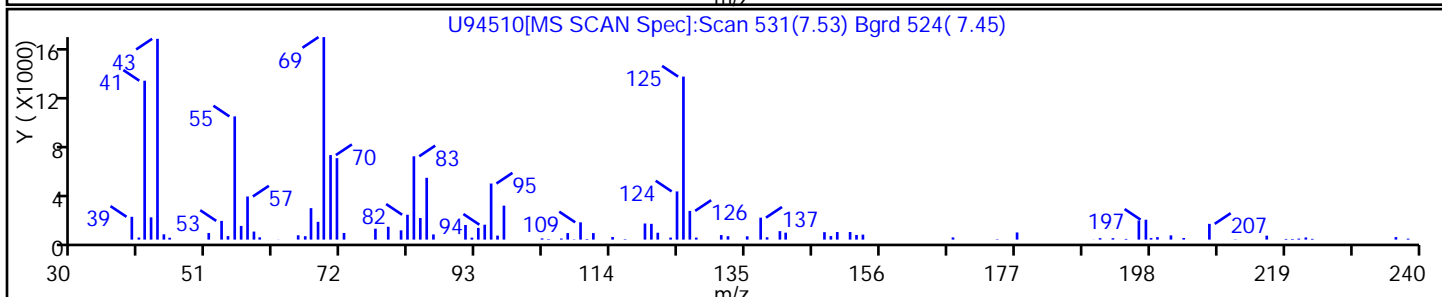
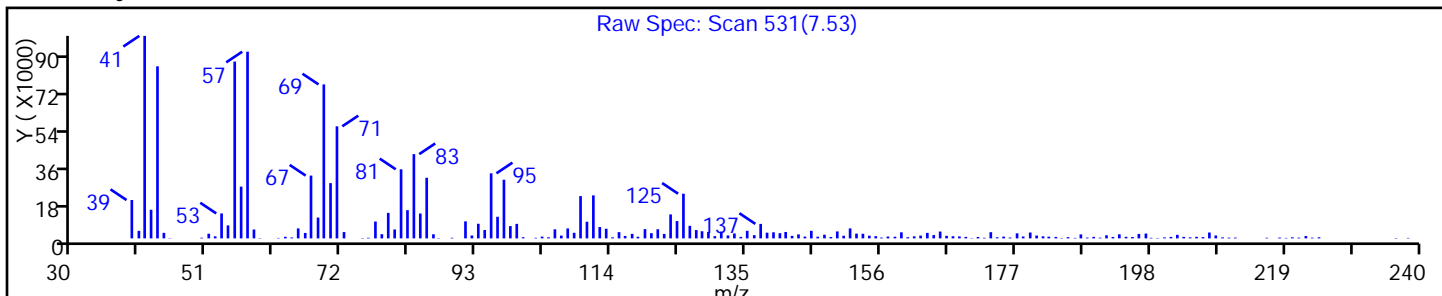
Dil. Factor: 2.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

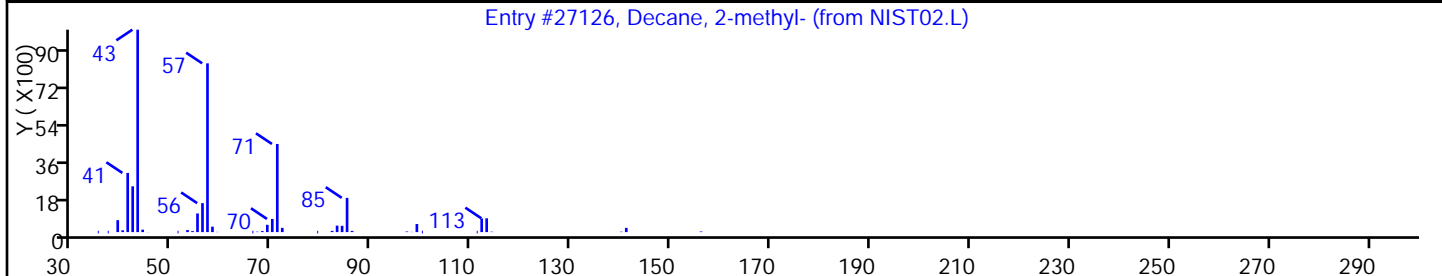
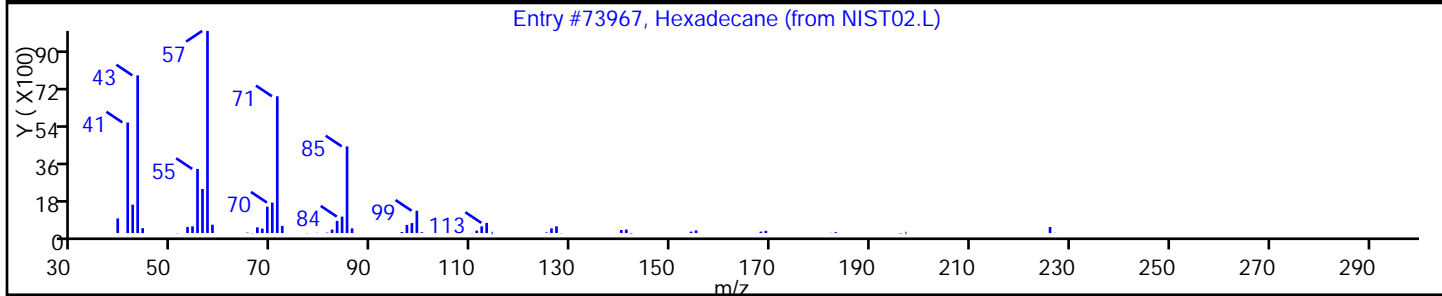
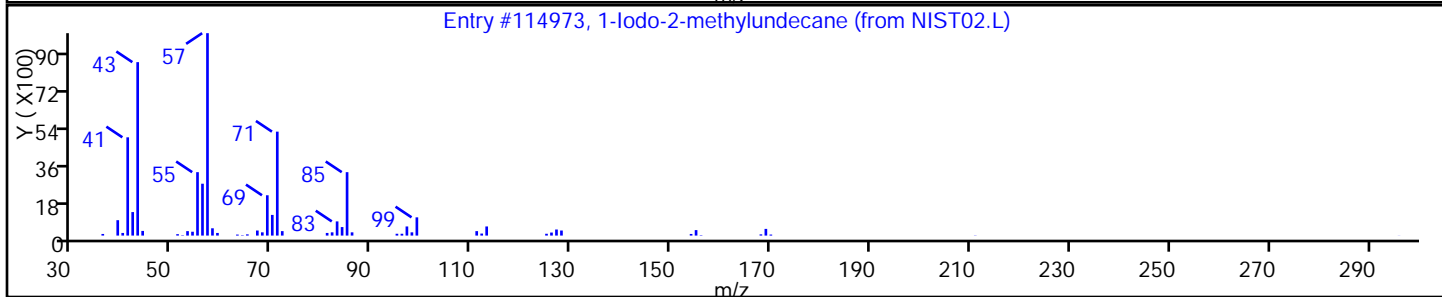
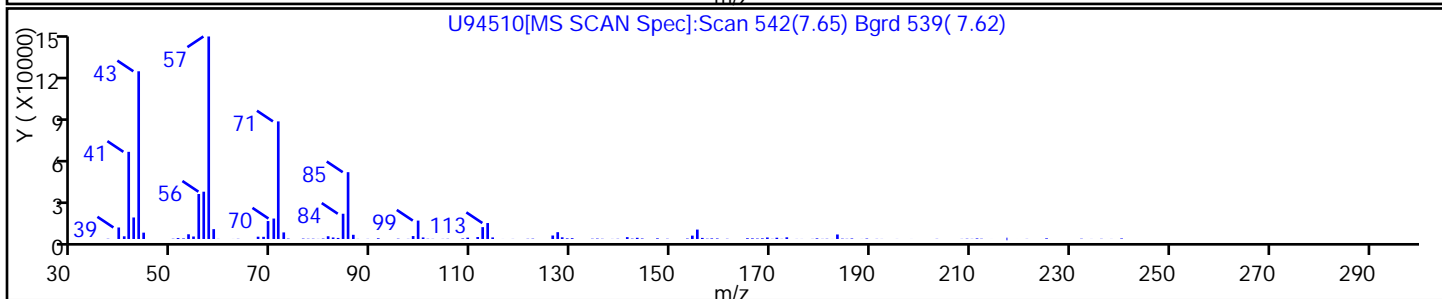
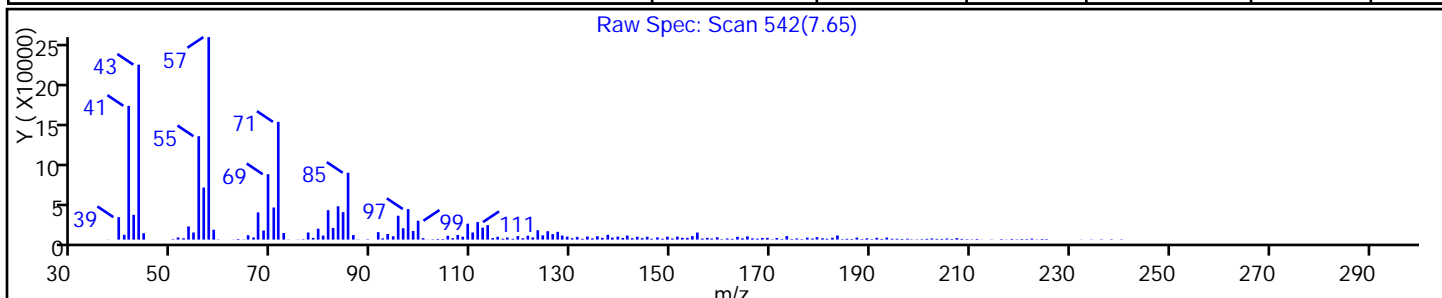
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Iodo-2-methylundecane	73105-67-6	NIST02.L	114973	C12H25I	296	86
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	86
Decane, 2-methyl-	6975-98-0	NIST02.L	27126	C11H24	156	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

21

Injection Vol: 1.0 ul

Dil. Factor:

2.0000

Method: 8270_4R

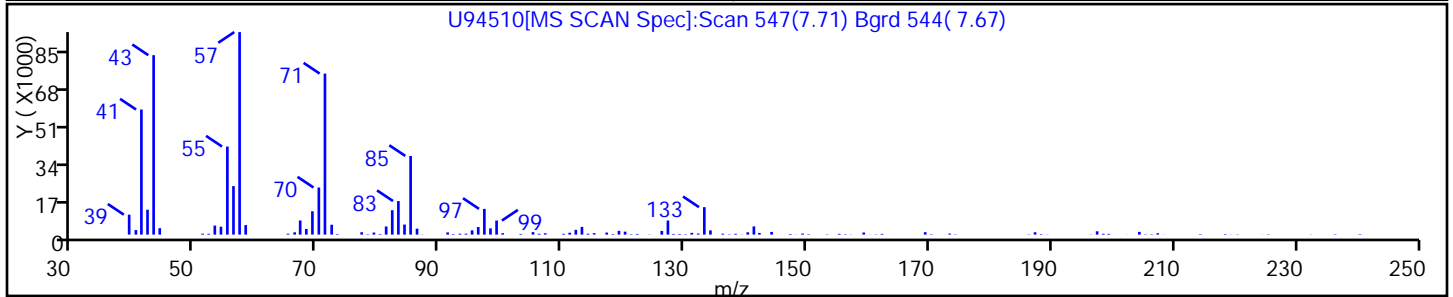
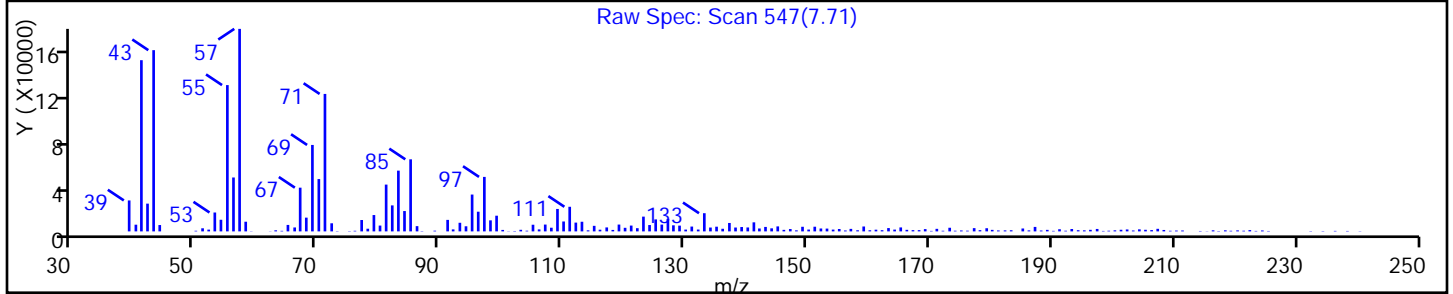
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

21

Injection Vol: 1.0 ul

Dil. Factor:

2.0000

Method: 8270_4R

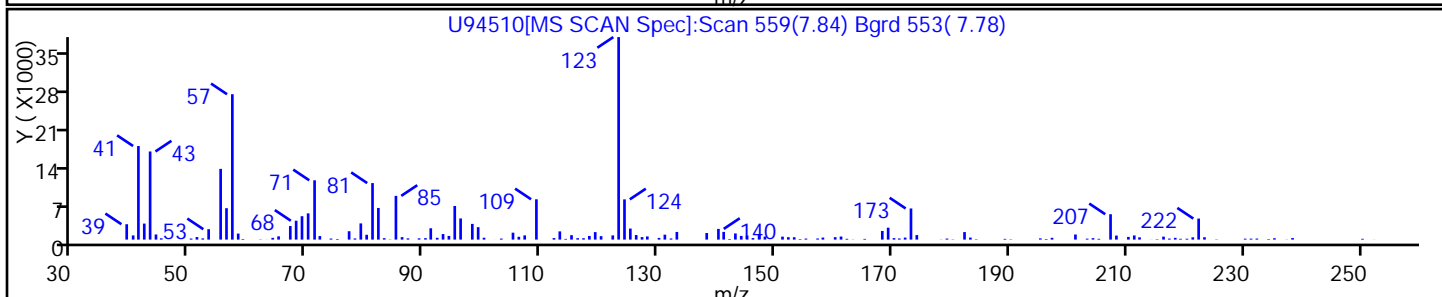
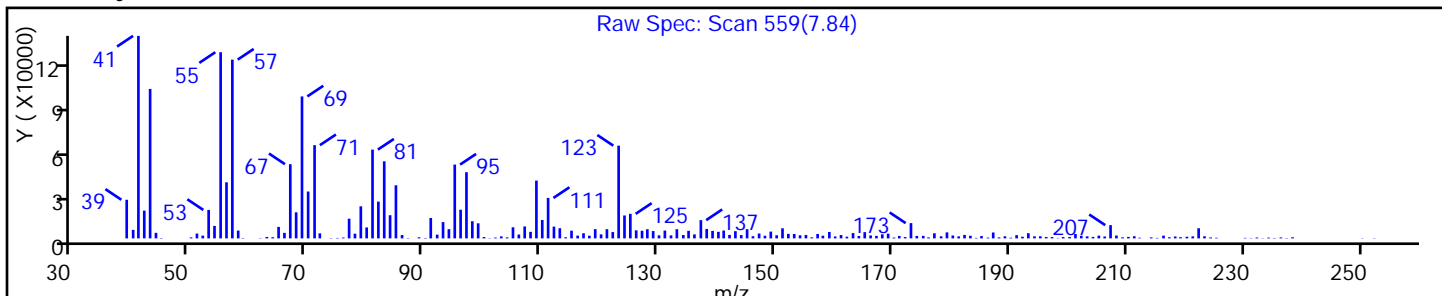
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

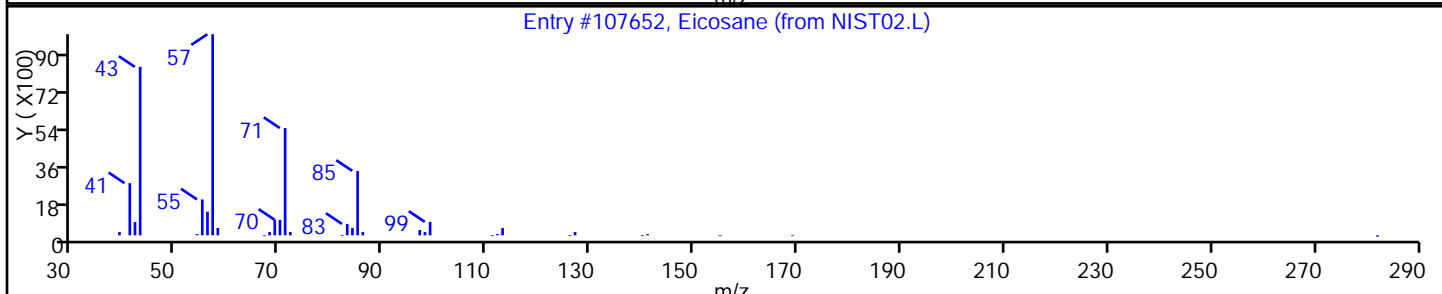
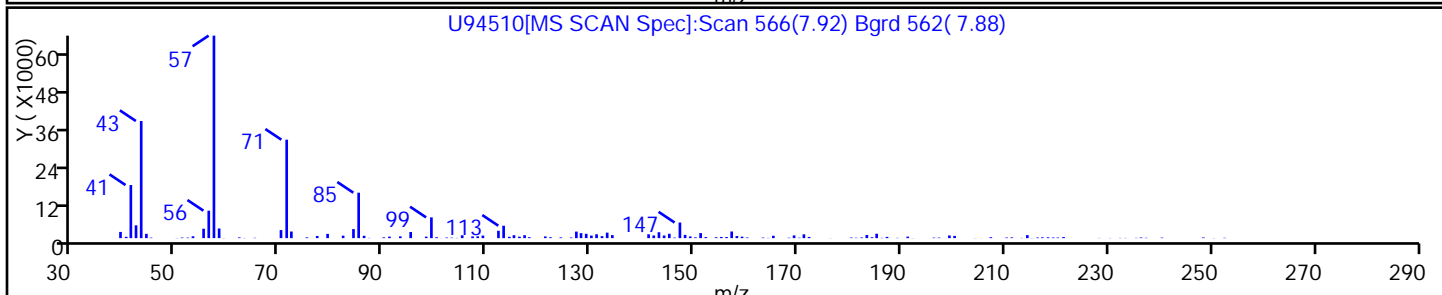
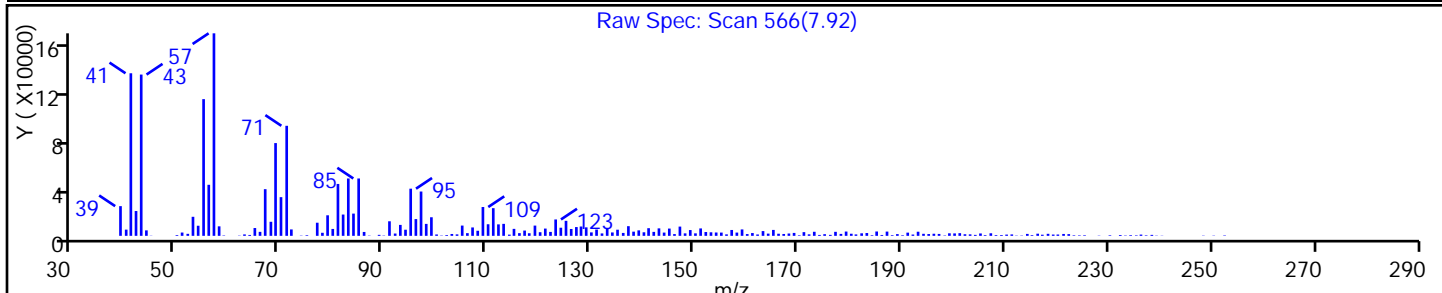
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

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Injection Vol: 1.0 ul

Dil. Factor:

2.0000

Method: 8270_4R

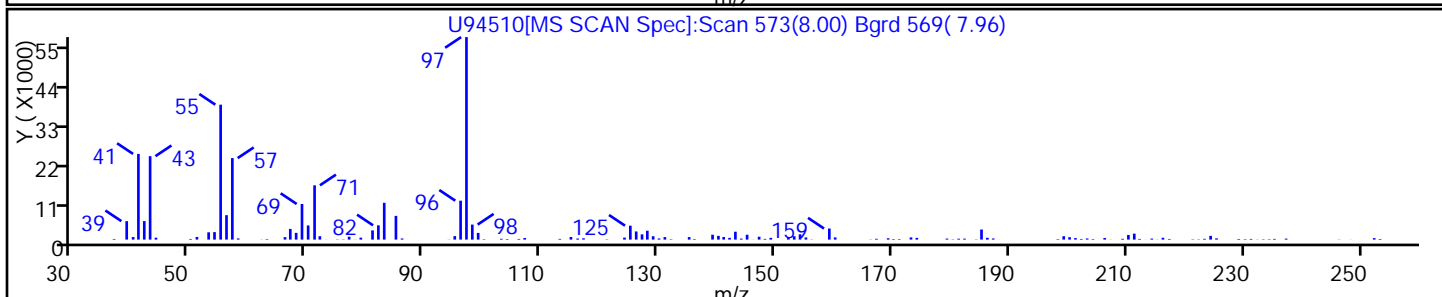
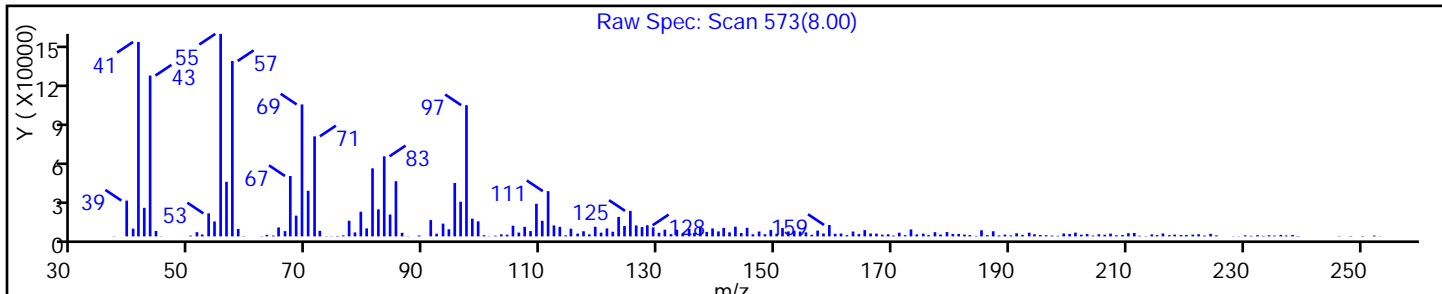
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

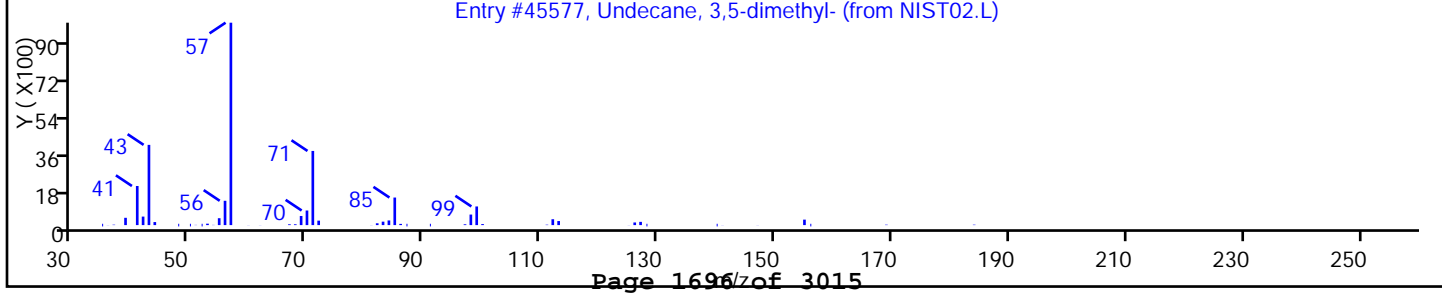
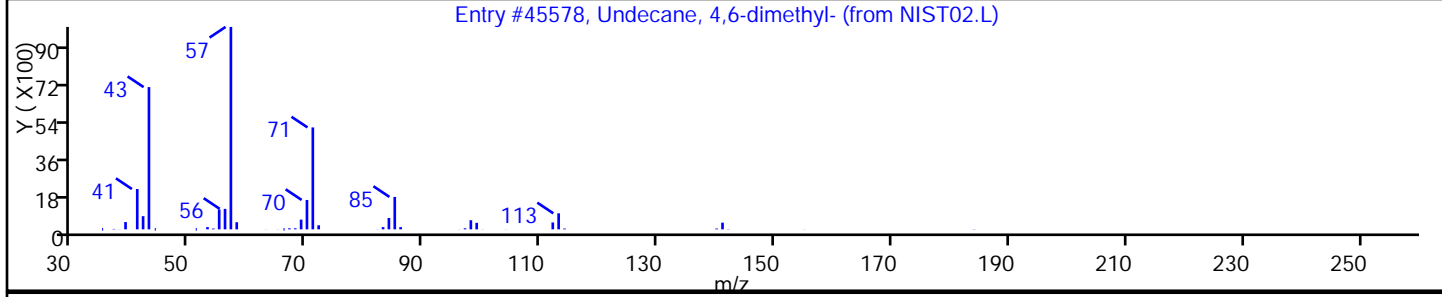
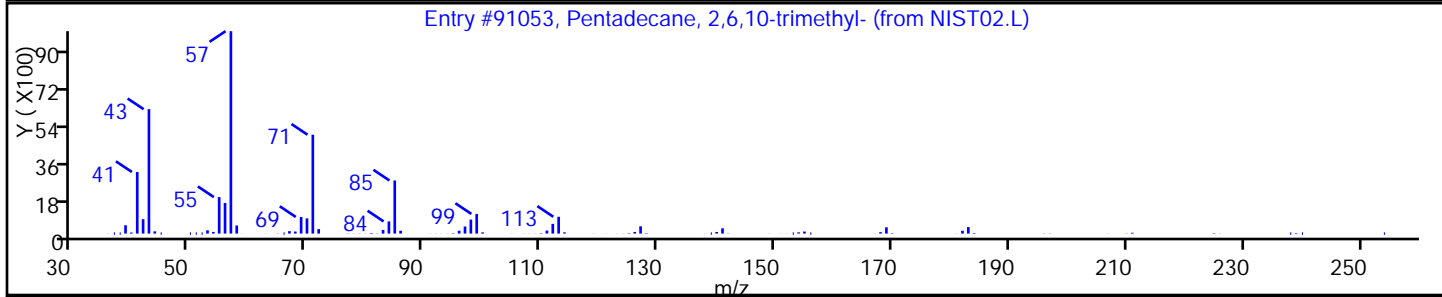
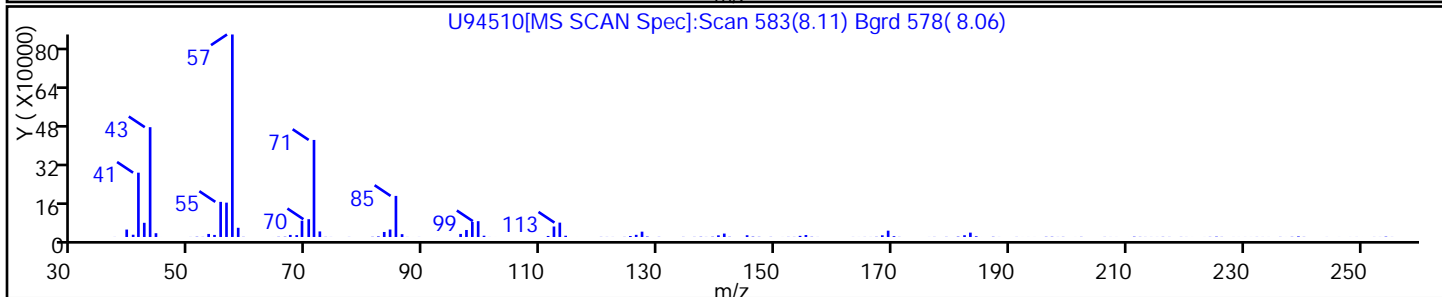
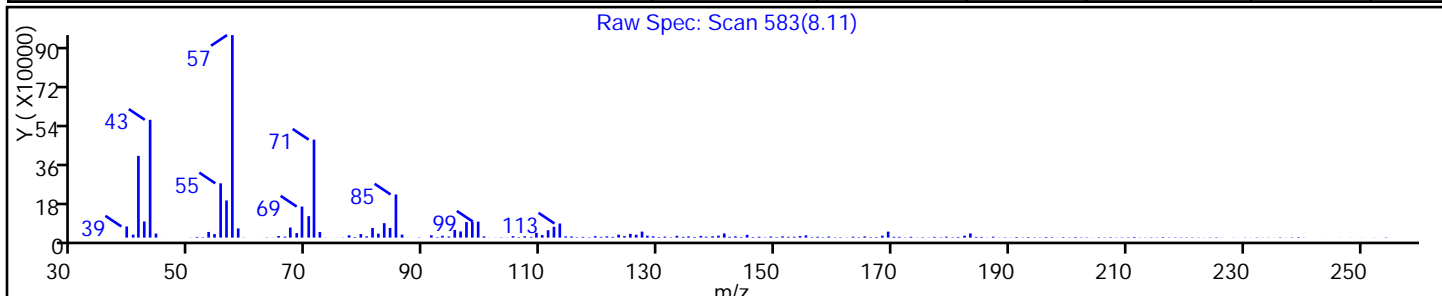
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	94
Undecane, 4,6-dimethyl-	17312-82-2	NIST02.L	45578	C13H28	184	90
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.L	45577	C13H28	184	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

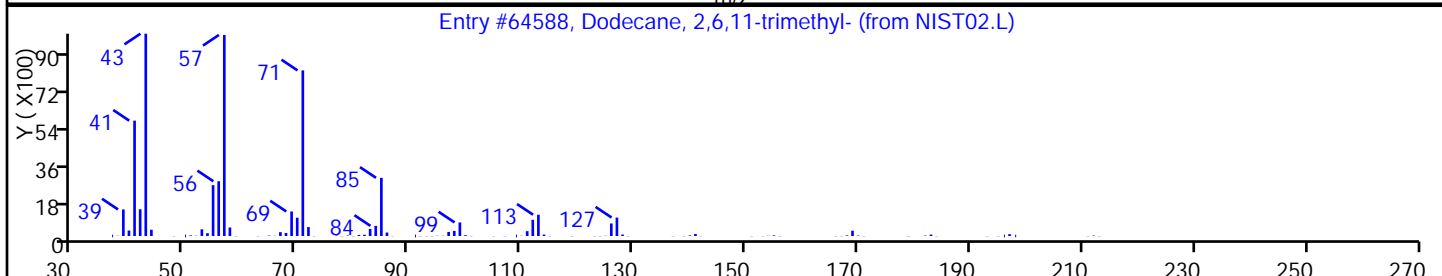
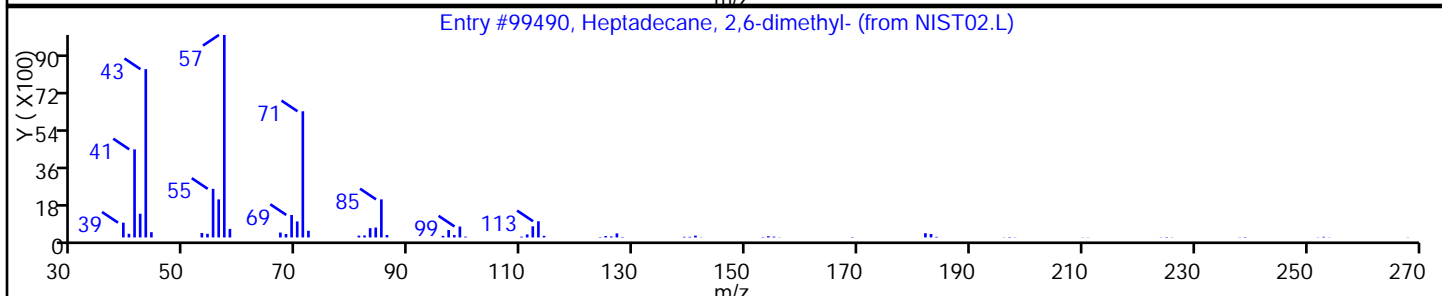
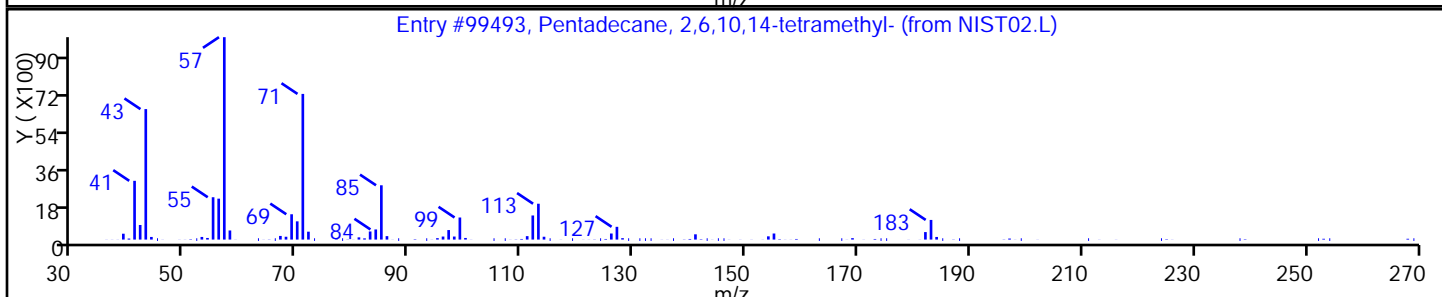
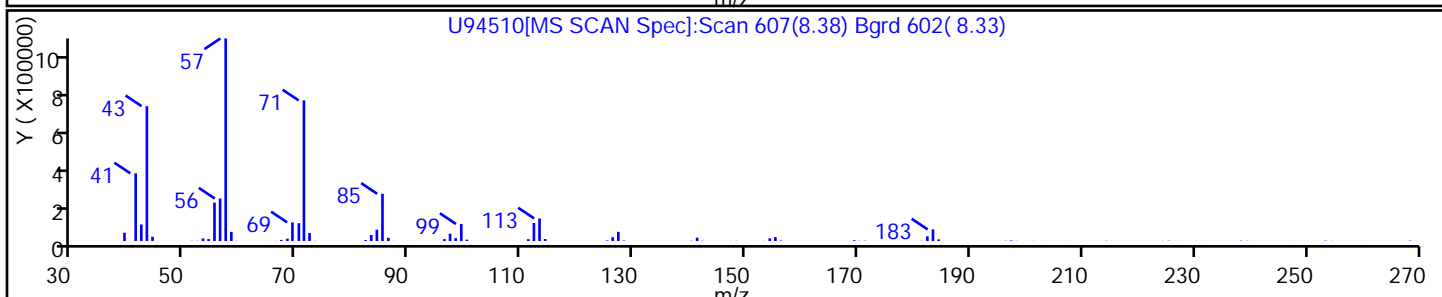
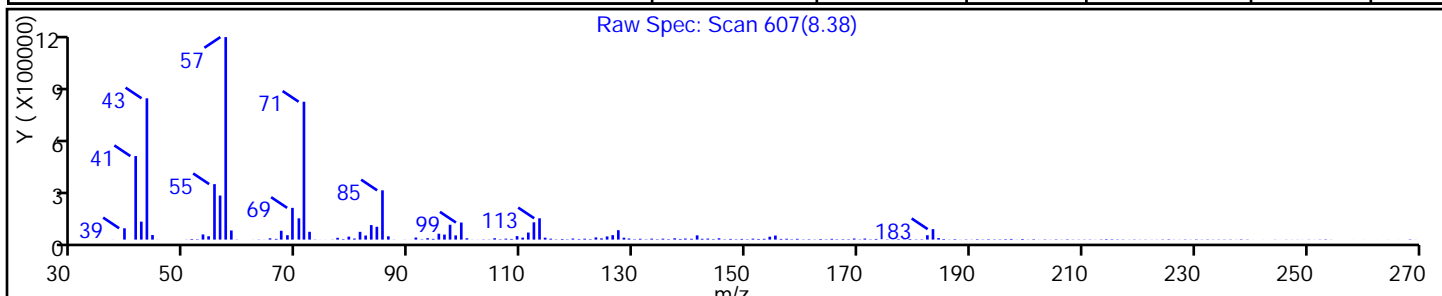
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

21

Injection Vol: 1.0 ul

Dil. Factor:

2.0000

Method: 8270_4R

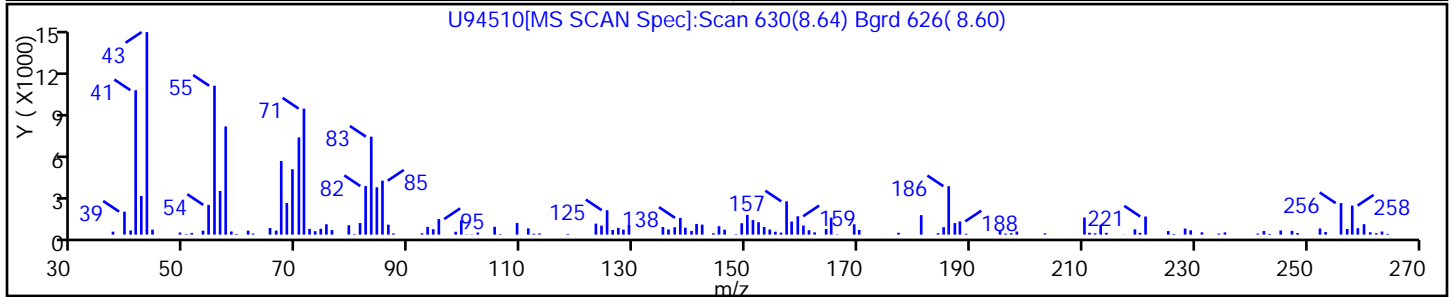
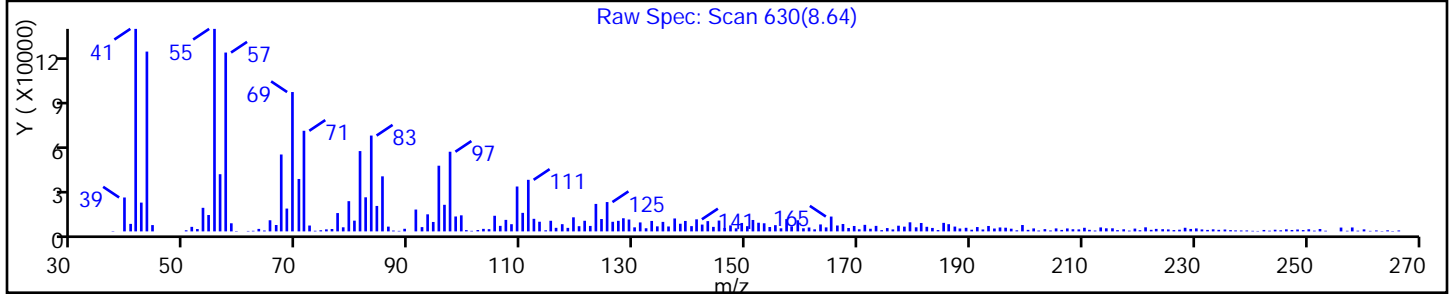
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

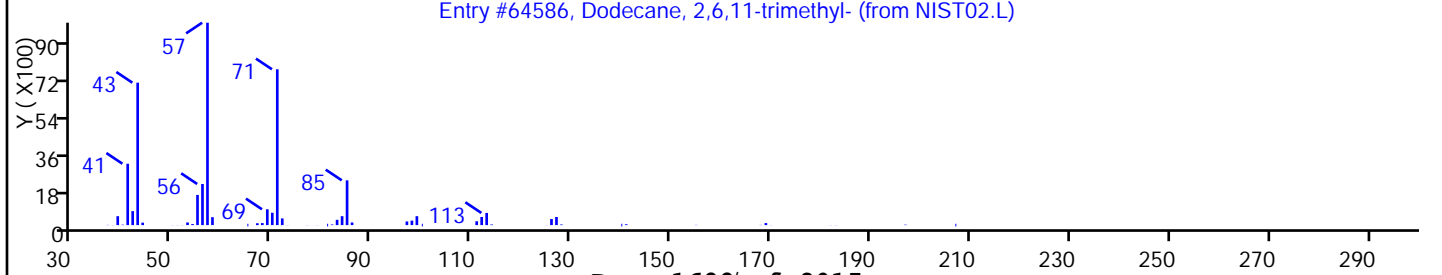
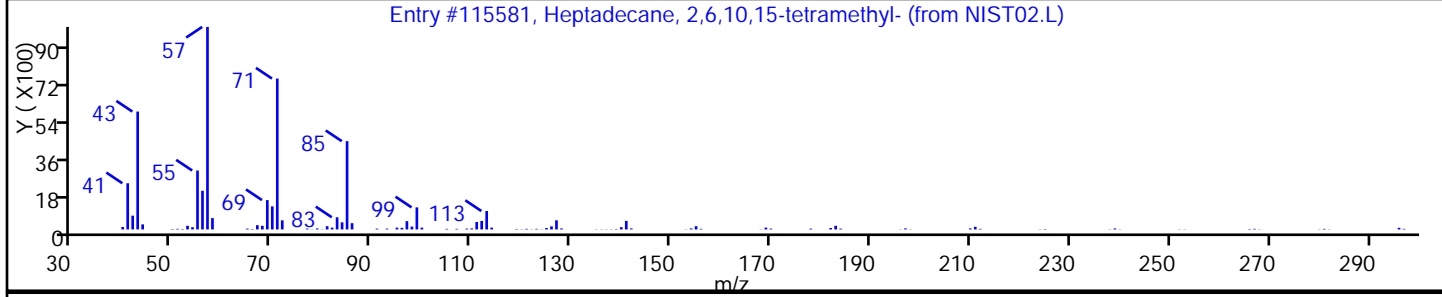
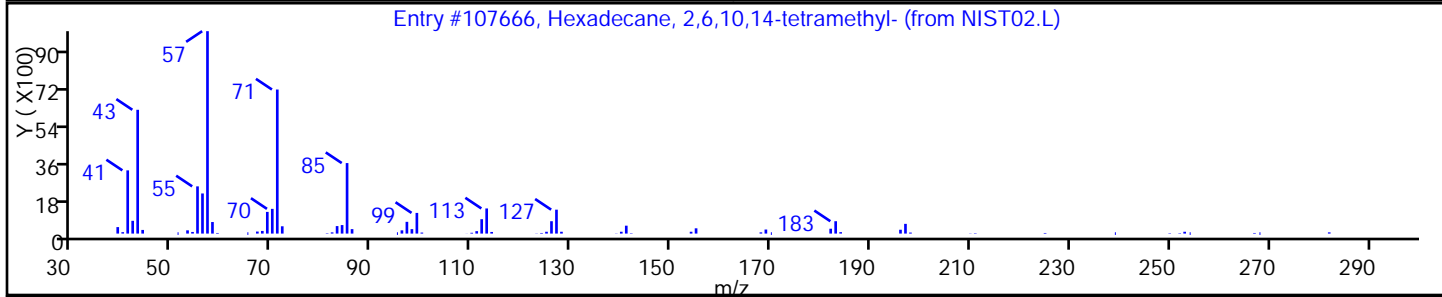
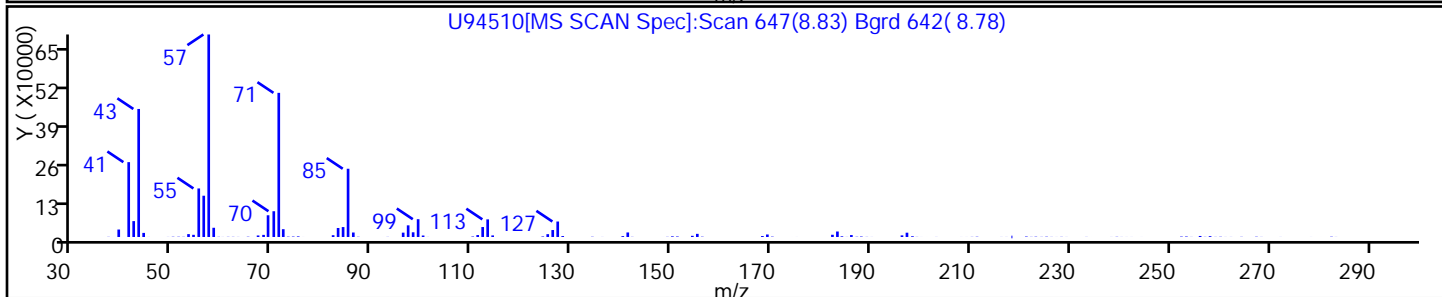
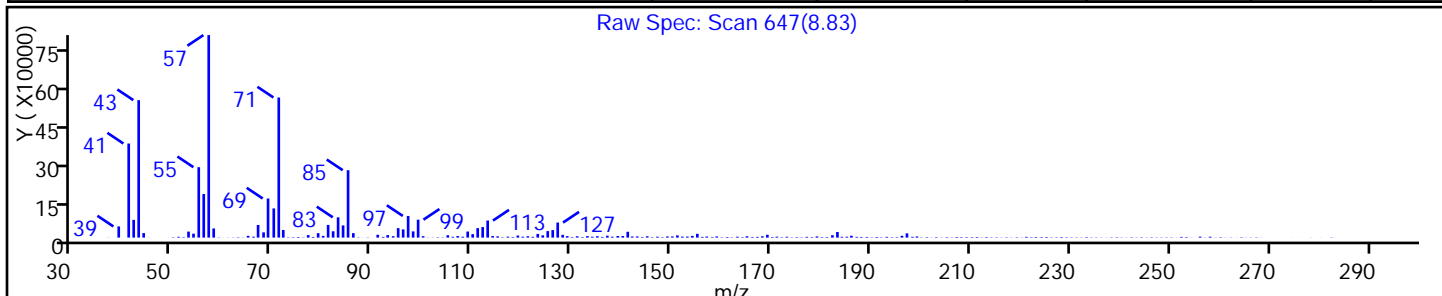
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107666	C20H42	282	97
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	91
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94510.D

Injection Date: 13-Mar-2014 10:25:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 21

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

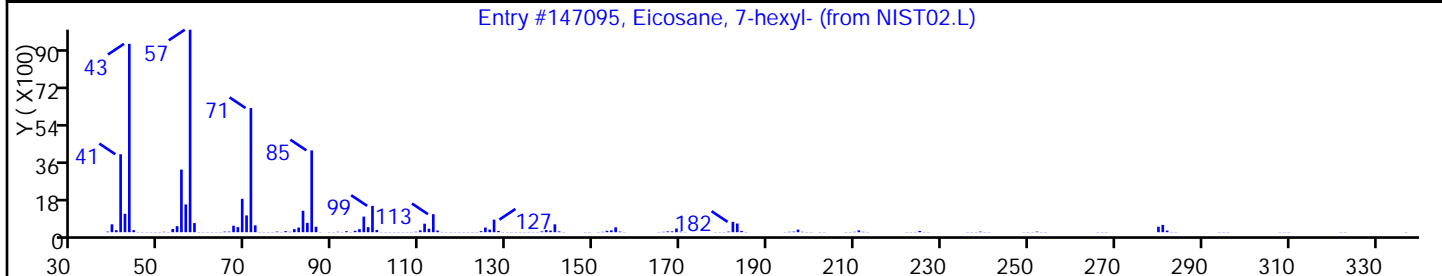
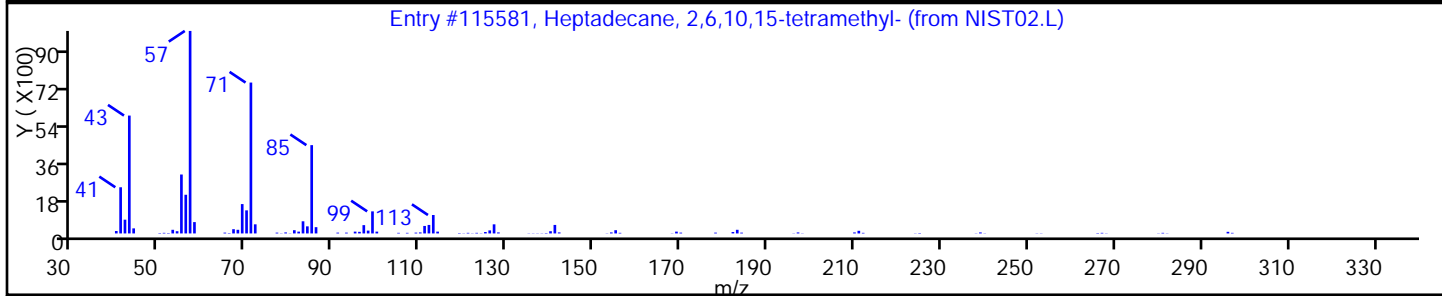
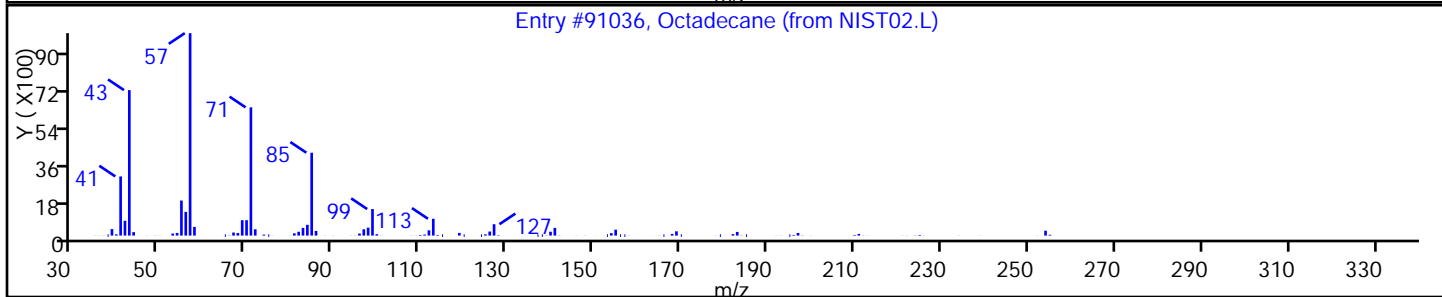
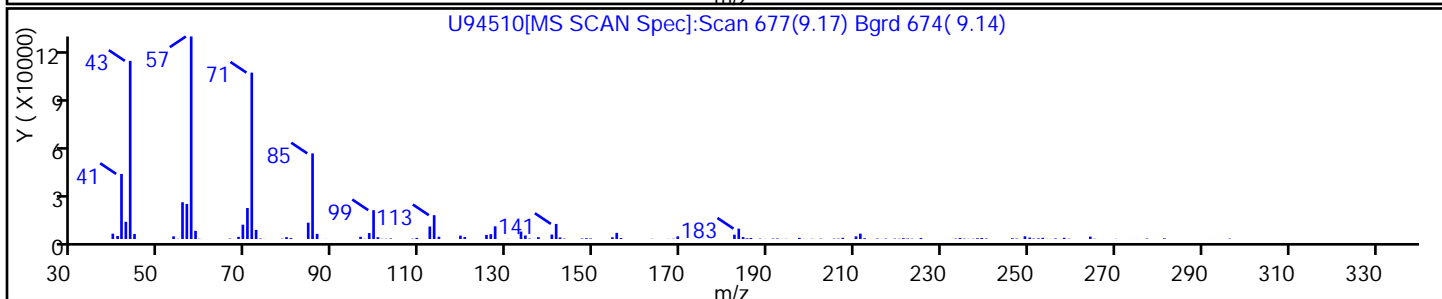
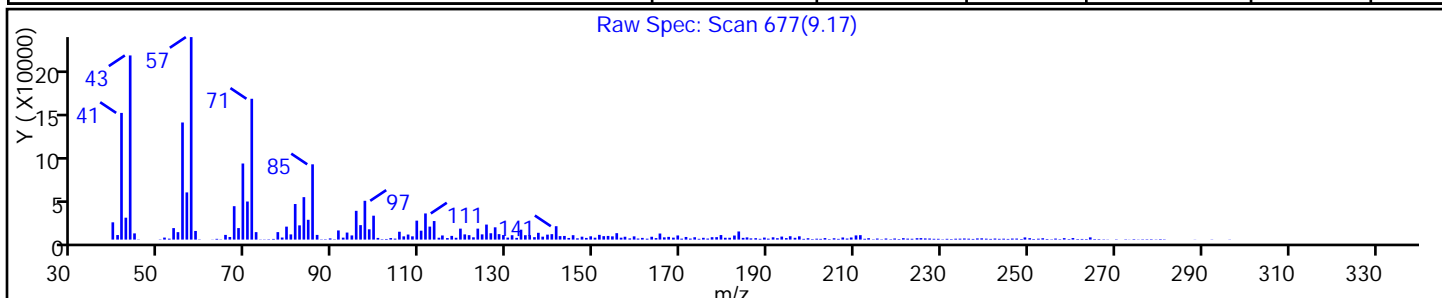
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	90
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	90
Eicosane, 7-hexyl-	55333-99-8	NIST02.L	147095	C26H54	366	90



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: U94482.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 13:37
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	52	U	380	52
95-57-8	2-Chlorophenol	50	U	380	50
95-48-7	2-Methylphenol	65	U	380	65
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]	42	U	380	42
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	44	U	380	44
106-47-8	4-Chloroaniline	100	U	380	100
87-68-3	Hexachlorobutadiene	9.4	U	78	9.4
105-60-2	Caprolactam	88	U	380	88
59-50-7	4-Chloro-3-methylphenol	58	U	380	58
91-57-6	2-Methylnaphthalene	120	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	50	U	380	50
92-52-4	Diphenyl	51	U	380	51
91-58-7	2-Chloronaphthalene	43	U	380	43
88-74-4	2-Nitroaniline	160	U	780	160
606-20-2	2,6-Dinitrotoluene	12	U	78	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	780	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: U94482.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 13:37
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 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	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	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	47	U	380	47
86-74-8	Carbazole	45	U	380	45
85-01-8	Phenanthrene	740		380	49
87-86-5	Pentachlorophenol	110	U	1200	110
129-00-0	Pyrene	180	J	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	780	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: U94482.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 13:37
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	52		40-106
4165-62-2	Phenol-d5	63		44-104
1718-51-0	Terphenyl-d14	88		41-145
118-79-6	2,4,6-Tribromophenol	90		19-114
367-12-4	2-Fluorophenol	50		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP2_030714</u>	Lab Sample ID: <u>460-72180-25</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94482.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>03/12/2014 13:37</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>14.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212014</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>94600</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	6.17	2100	J
629-50-5	Tridecane	6.32	4700	J N
	Unknown alkane	6.90	2000	J
	Unknown alkane	7.21	3900	J
	Unknown alkane	7.74	2200	J
544-76-3	Hexadecane	7.93	2500	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.15	2200	J N
629-59-4	Tetradecane	8.41	5700	J N
593-45-3	Octadecane	8.83	3700	J N
	Unknown alkane	9.25	2400	J
112-95-8	Eicosane	9.63	21000	J N
	Unknown	9.78	5300	J
	Unknown	9.89	11000	J
	Unknown alkane	10.01	20000	J
1000256-99-5	5(10H)-Pyrido[3,4-b]quinolone, 7-methoxy	10.07	5900	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D
 Lims ID: 460-72180-E-25-A Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:37:30 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-023
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: croccom

Date: 12-Mar-2014 16:06:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.137	3.121	0.016	84	157357	24.9	
\$ 6 Phenol-d5	99	4.057	4.068	-0.011	71	241210	31.6	
* 13 1,4-Dichlorobenzene-d4	152	4.418	4.410	0.008	96	144470	40.0	
\$ 25 Nitrobenzene-d5	82	4.977	4.977	0.0	89	191877	26.2	
* 35 Naphthalene-d8	136	5.701	5.690	0.011	100	594247	40.0	
41 2-Methylnaphthalene	142	6.411	6.402	0.009	43	13541	1.55	
\$ 48 2-Fluorobiphenyl	172	6.777	6.765	0.012	85	262306	37.5	
* 61 Acenaphthene-d10	164	7.461	7.436	0.025	85	205010	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.247	8.219	0.028	52	35278	44.8	
* 83 Phenanthrene-d10	188	8.934	8.891	0.043	85	272419	40.0	
84 Phenanthrene	178	8.957	8.924	0.033	74	73126	9.63	
90 Pyrene	202	10.322	10.303	0.019	87	12308	2.28	
\$ 91 Terphenyl-d14	244	10.480	10.465	0.015	98	175331	44.2	
* 96 Chrysene-d12	240	11.666	11.661	0.005	97	170754	40.0	
* 103 Perylene-d12	264	13.580	13.580	0.0	97	160047	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D
 Lims ID: 460-72180-E-25-A Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:37:30 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-023
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: croccom Date: 12-Mar-2014 16:06:47

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
6.166	1227748	26.9	35					
	629-50-5	Tridecane						
6.318	2796746	61.3	35	94	45540	C13H28	184	
	Unknown alkane							
6.900	8009135	26.0	61	0	0		0	
	Unknown alkane							
7.214	15657434	50.8	61	0	0		0	
	Unknown alkane							
7.741	8589485	27.9	61	0	0		0	
	544-76-3	Hexadecane						
7.932	9908497	32.2	61	96	73964	C16H34	226	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
8.146	8955996	29.1	61	94	91053	C18H38	254	
	629-59-4	Tetradecane						
8.405	22645919	73.5	61	95	55010	C14H30	198	
	593-45-3	Octadecane						
8.833	14844283	48.2	61	95	91037	C18H38	254	
	Unknown alkane							
9.250	9642806	31.3	61	0	0		0	
	112-95-8	Eicosane						
9.633	3773326	271.1	96	98	107652	C20H42	282	
	Unknown							
9.780	959316	68.9	96					

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
9.893	1957789	140.6	96					
Unknown alkane								
10.006	3584891	257.5	96	0	0		0	
1000256-99-5 5(10H)-Pyrido[3,4-b]quinolone, 7-methoxy								
10.074	1059622	76.1	96	87	73556	C13H10N2O2	226	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 35 Naphthalene-d8	5.701	1825366	40.0
* 61 Acenaphthene-d10	7.438	12316669	40.0
* 96 Chrysene-d12	11.666	556837	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Worklist Smp#: 23

Client ID: DUP2_030714

Injection Vol: 1.0 ul

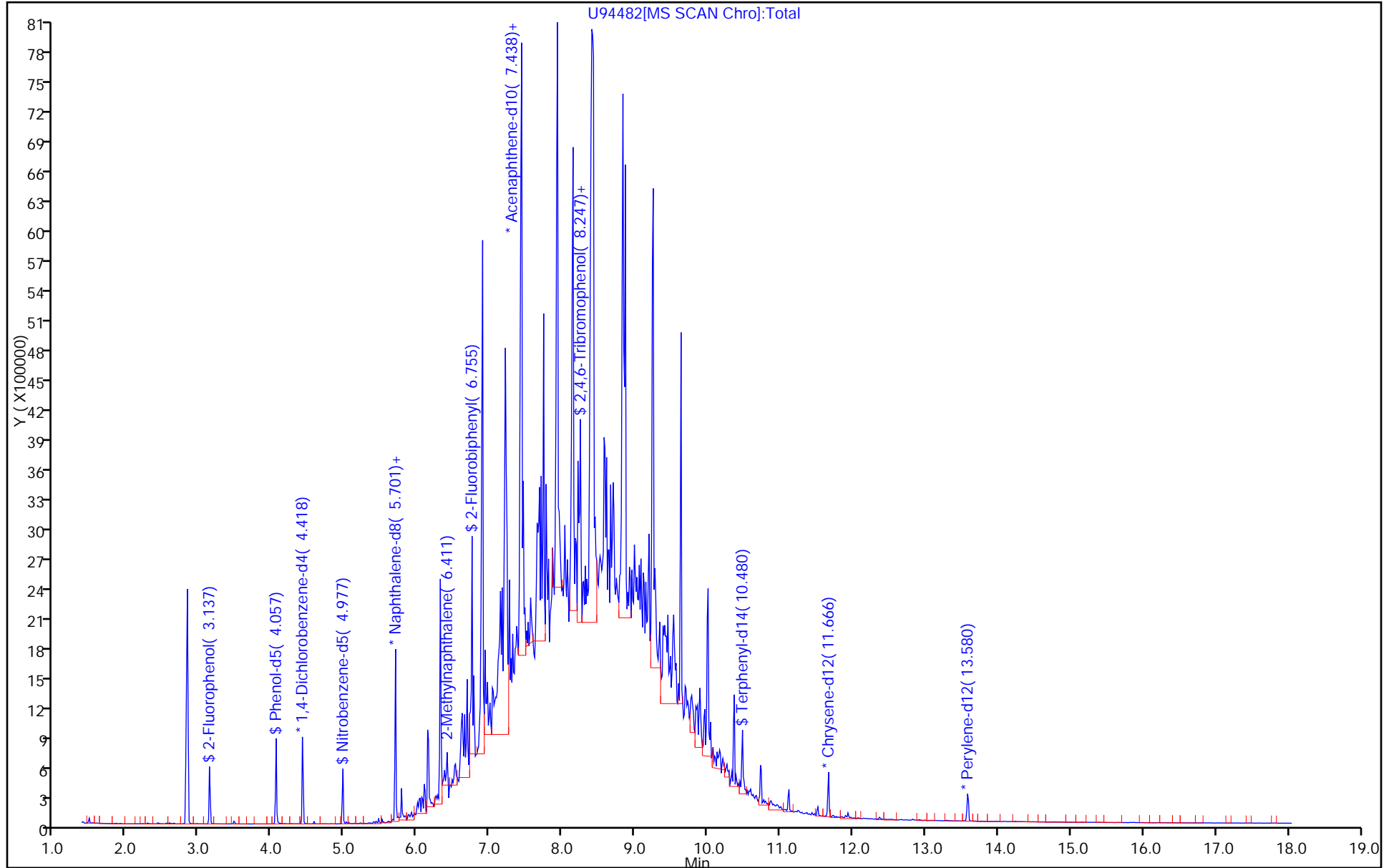
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAM4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

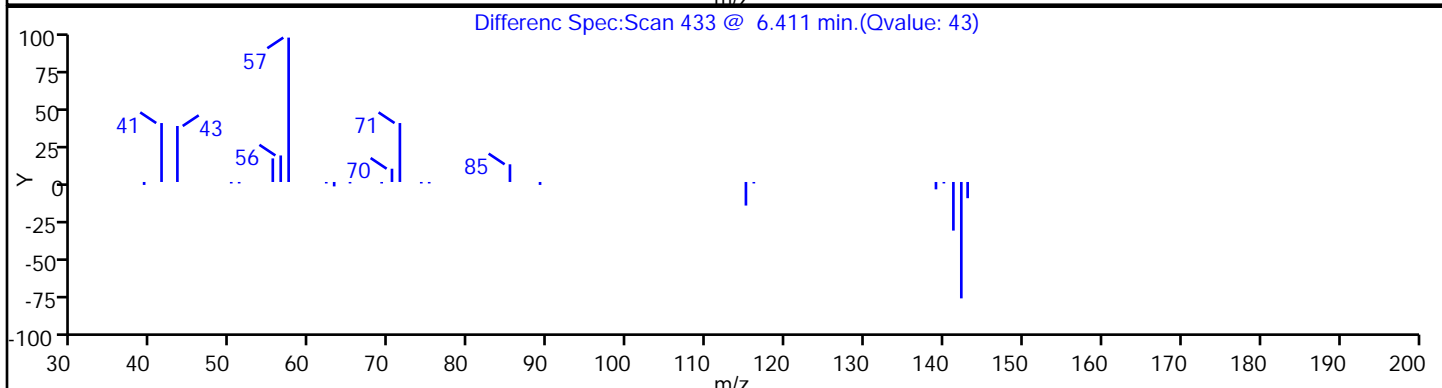
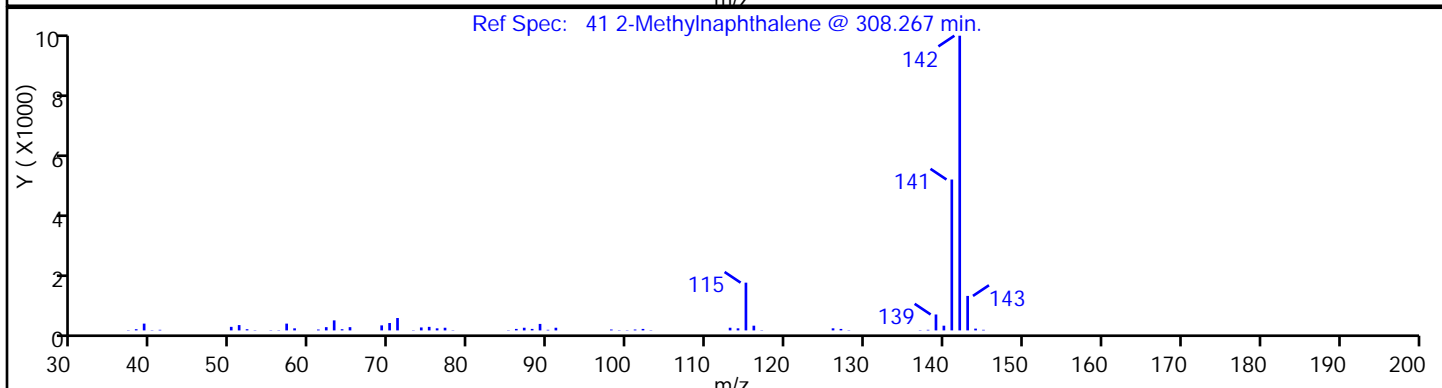
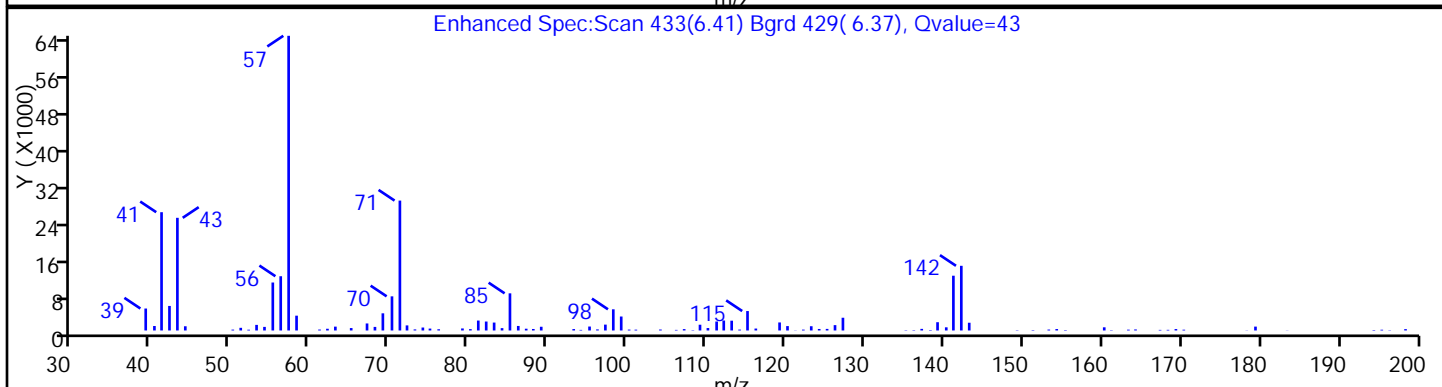
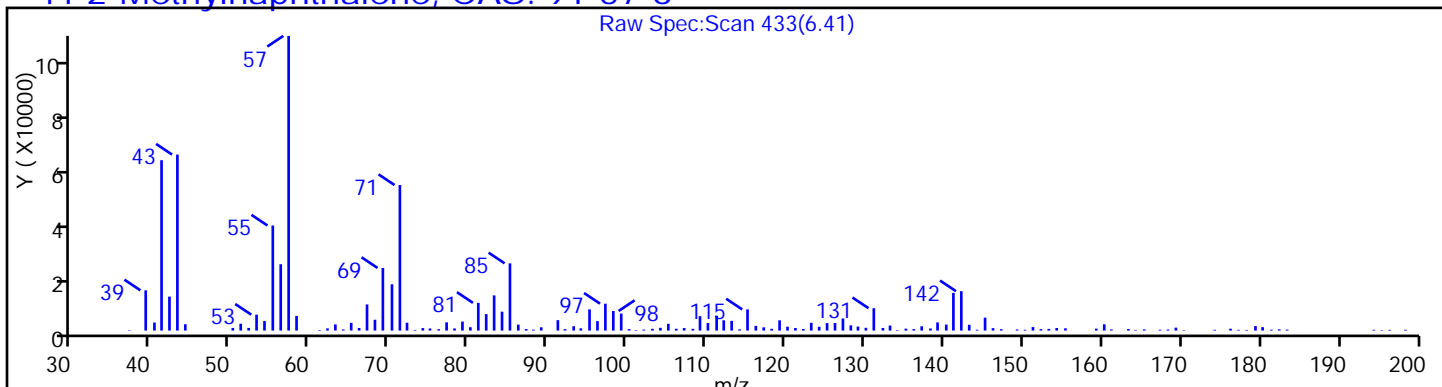
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

41 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

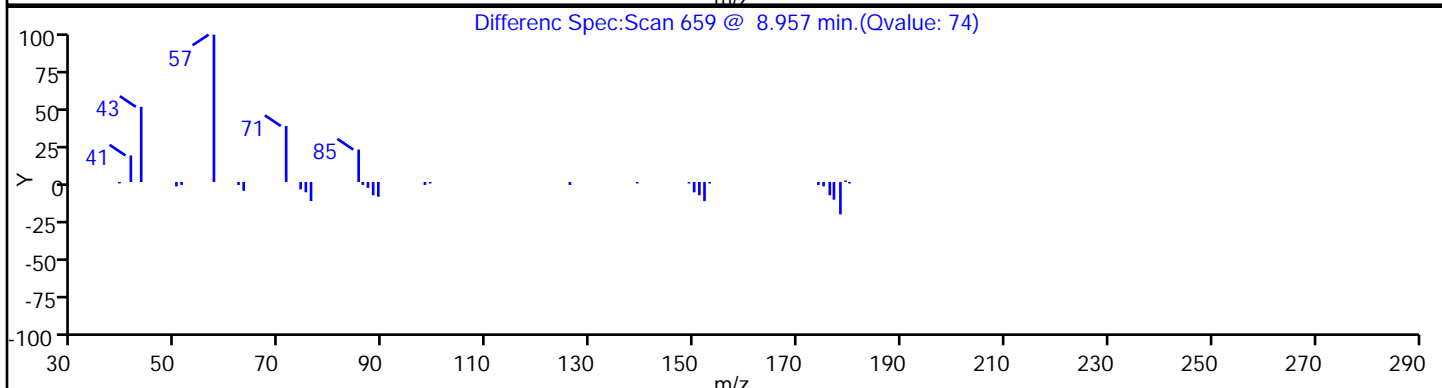
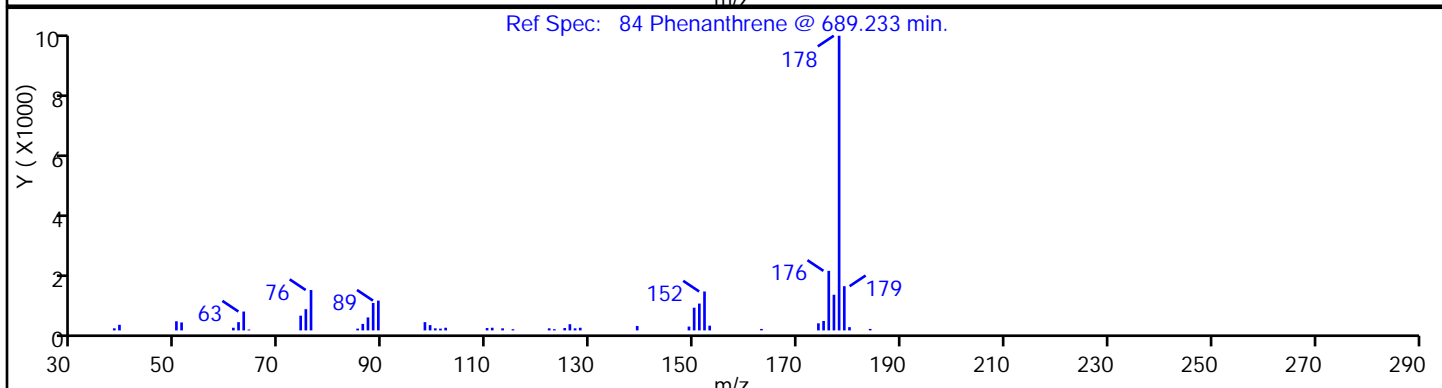
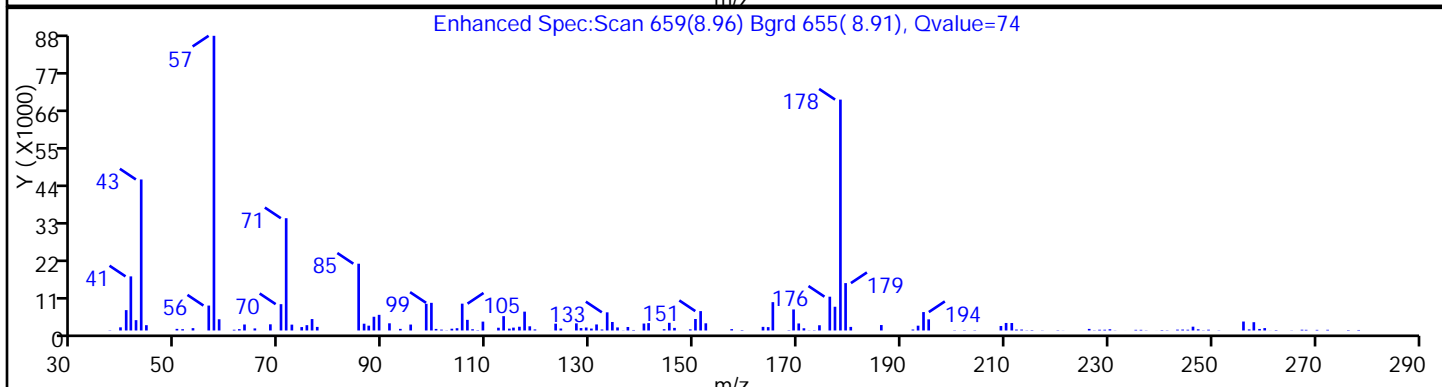
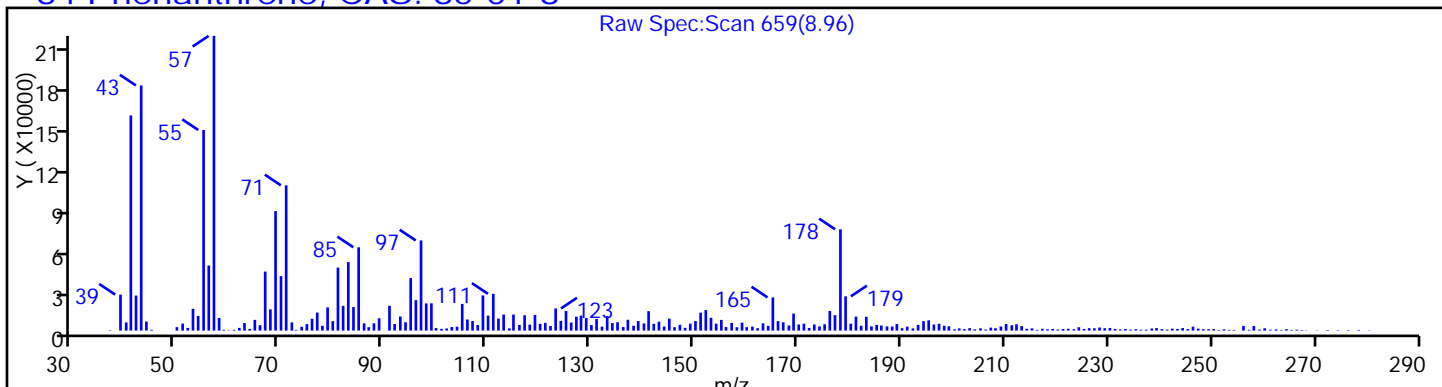
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

84 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

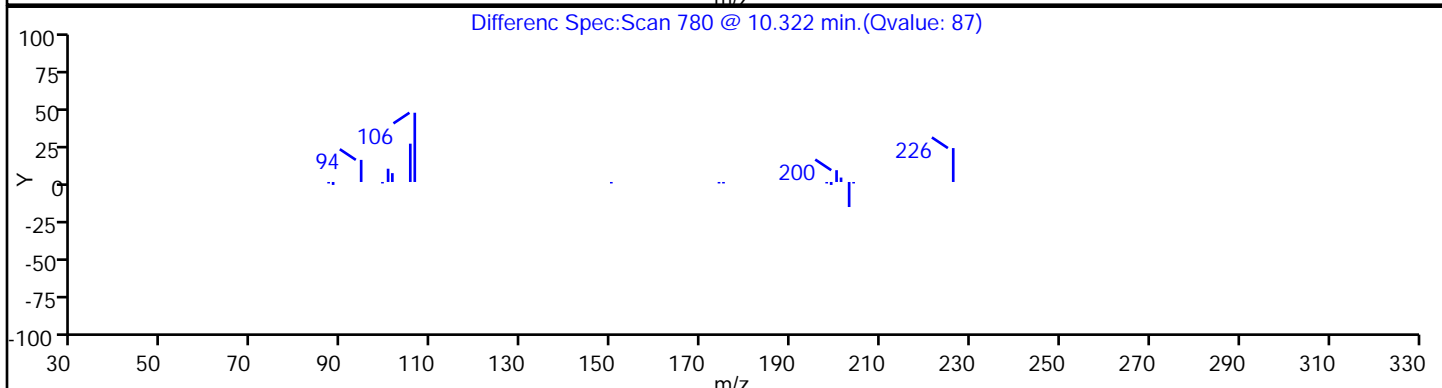
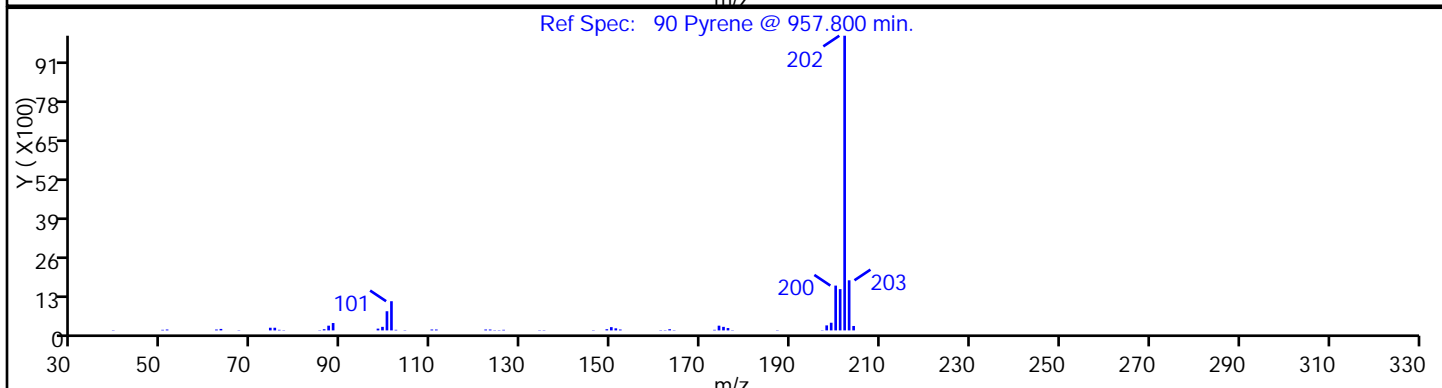
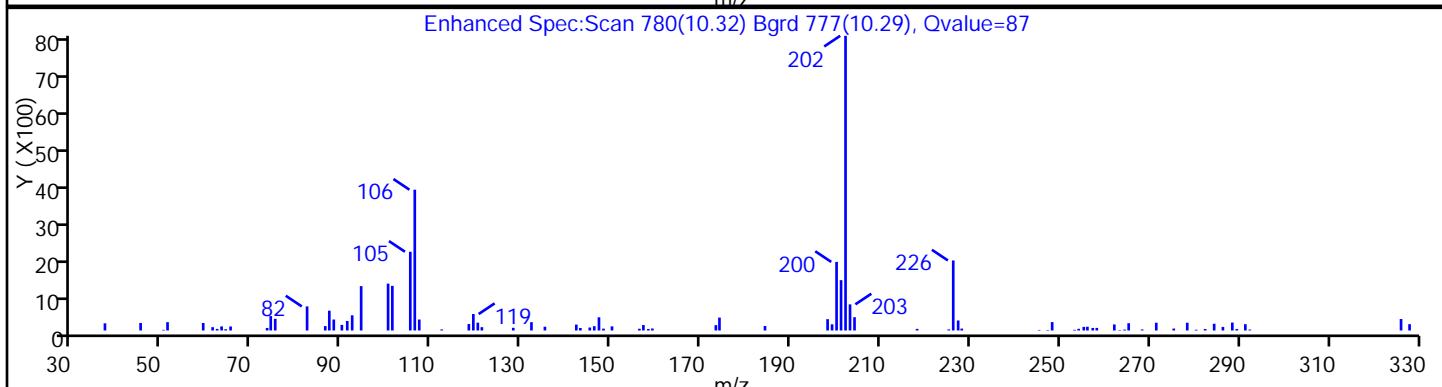
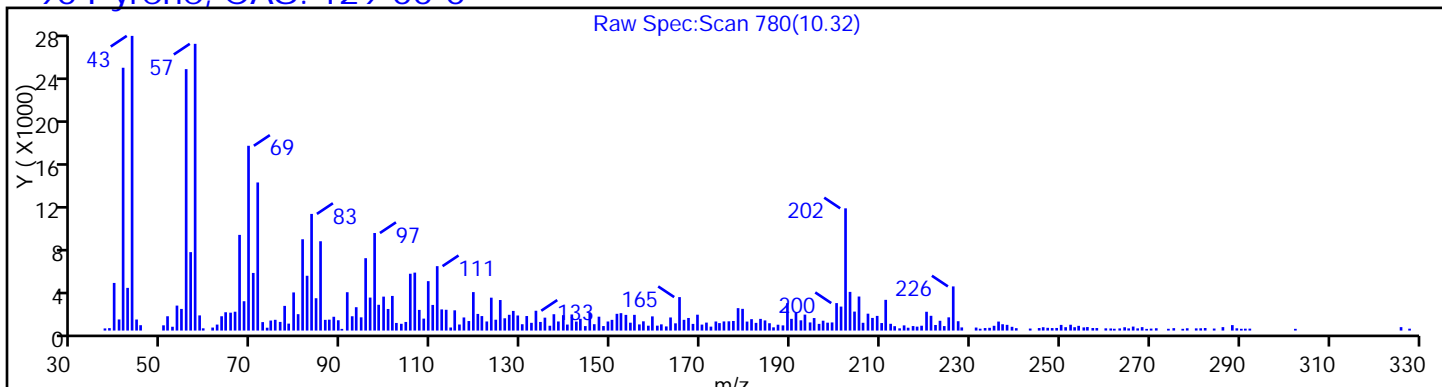
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

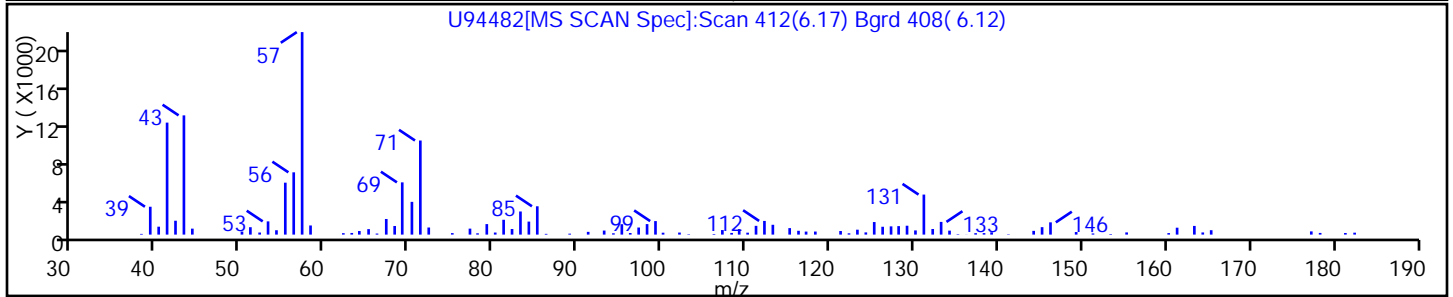
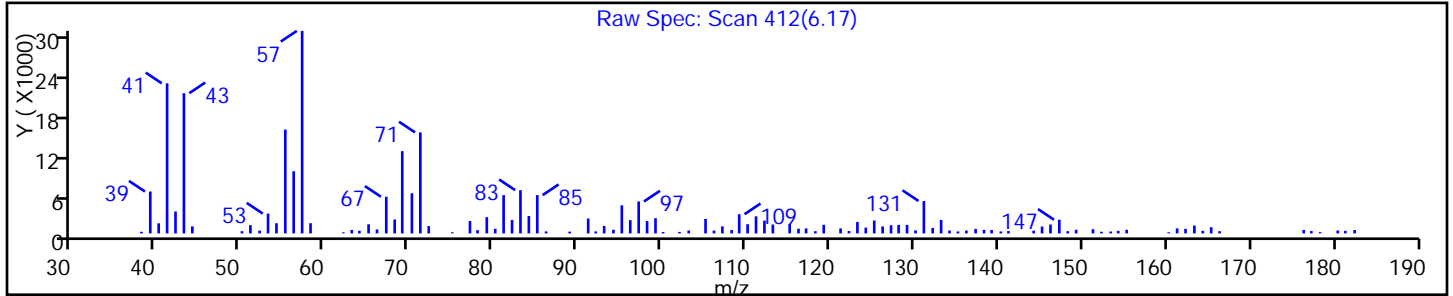
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

23

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

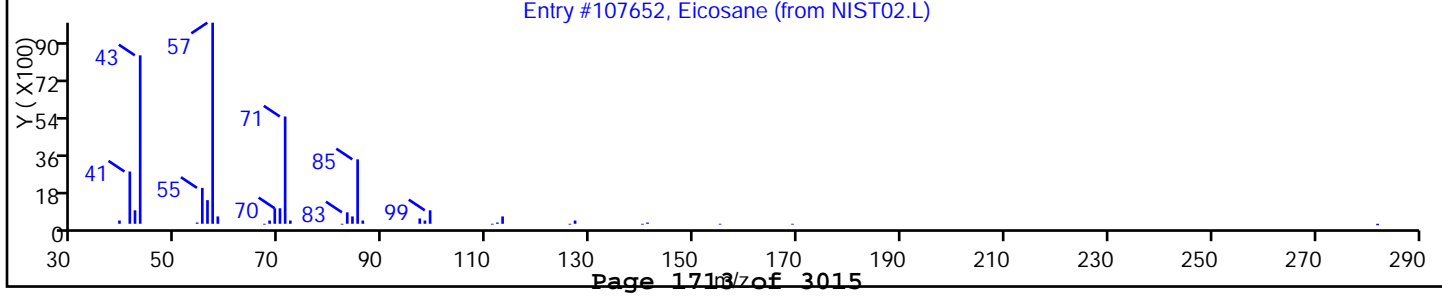
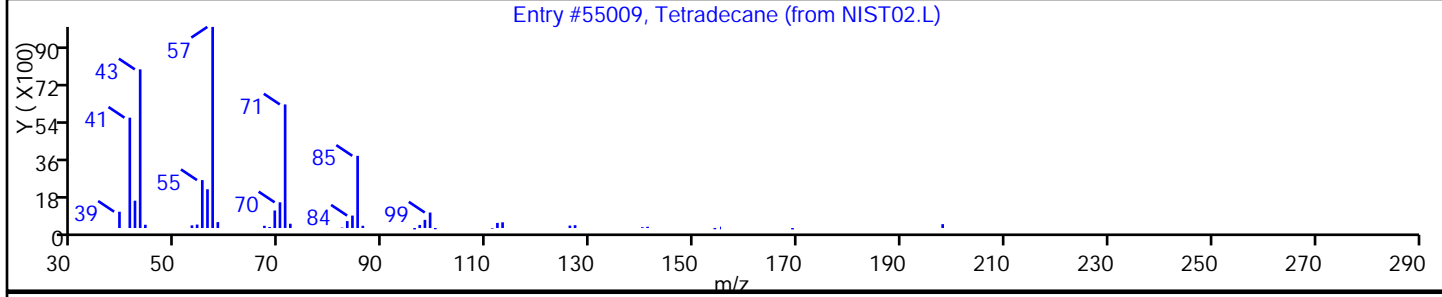
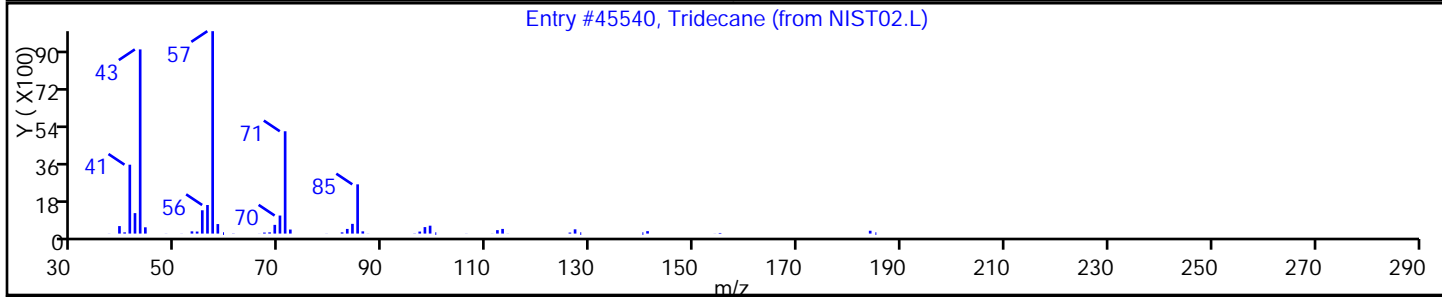
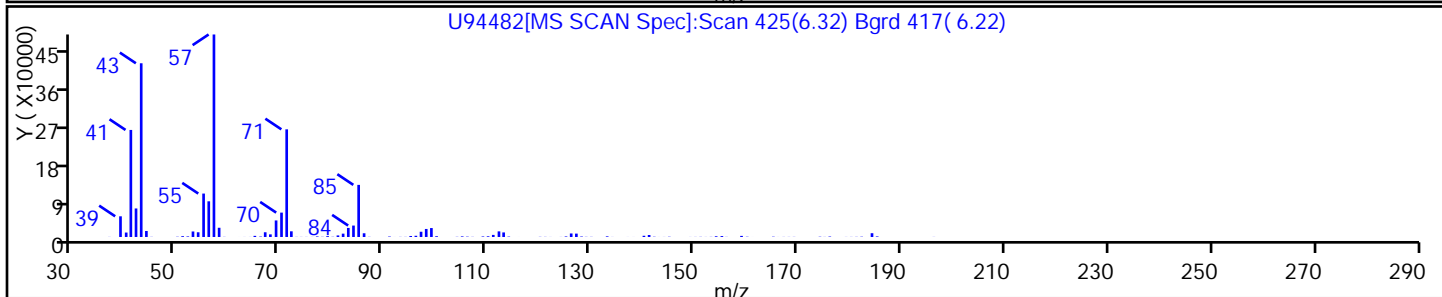
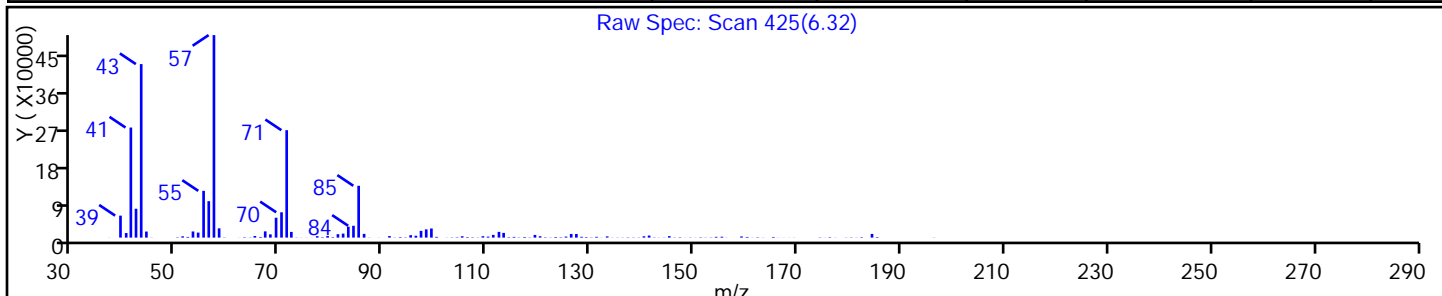
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	94
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	90
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

23

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

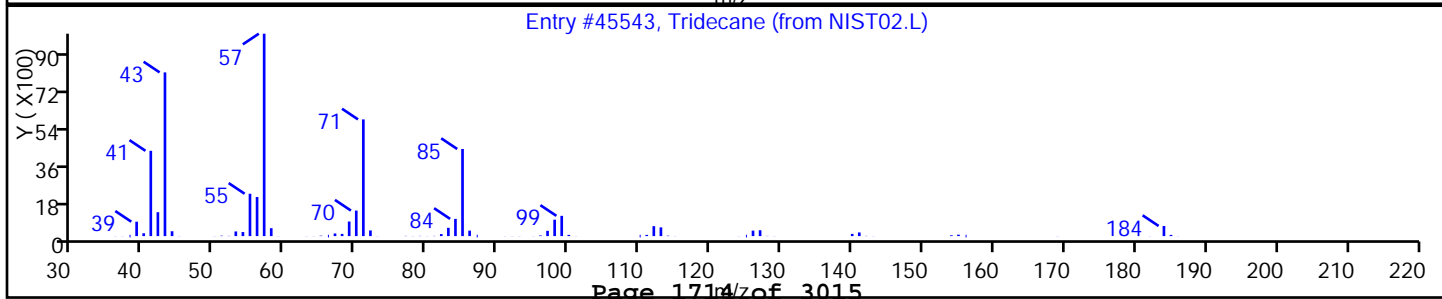
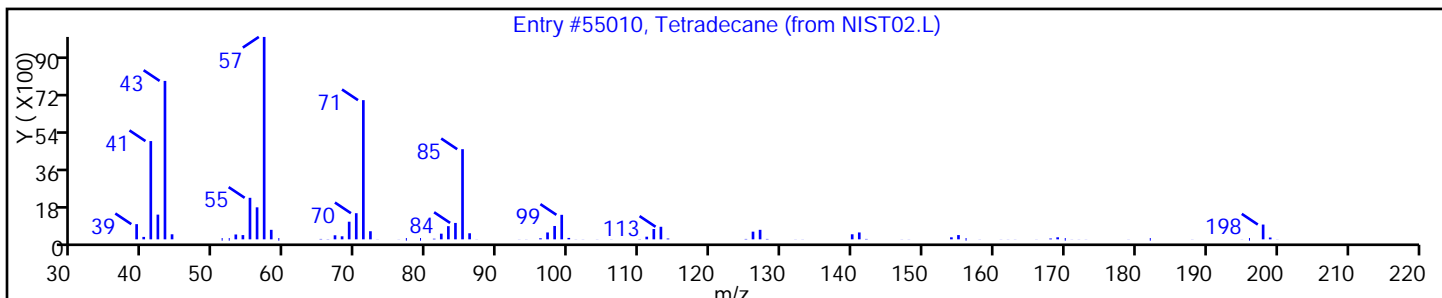
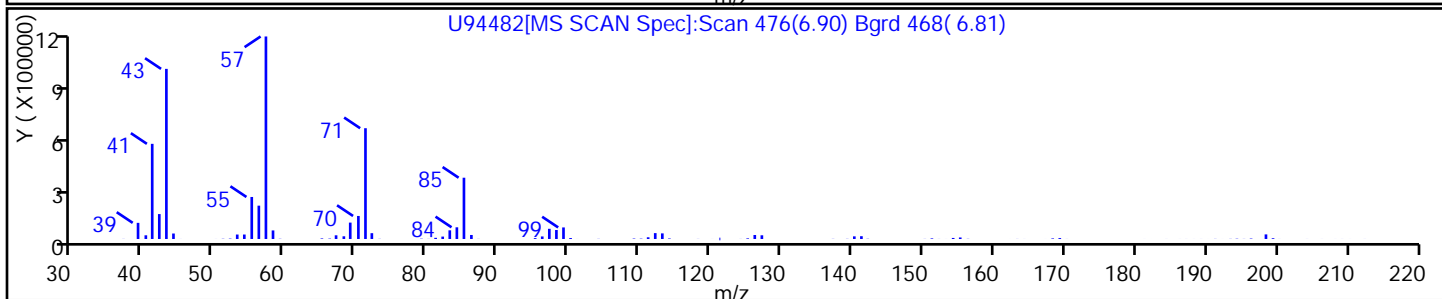
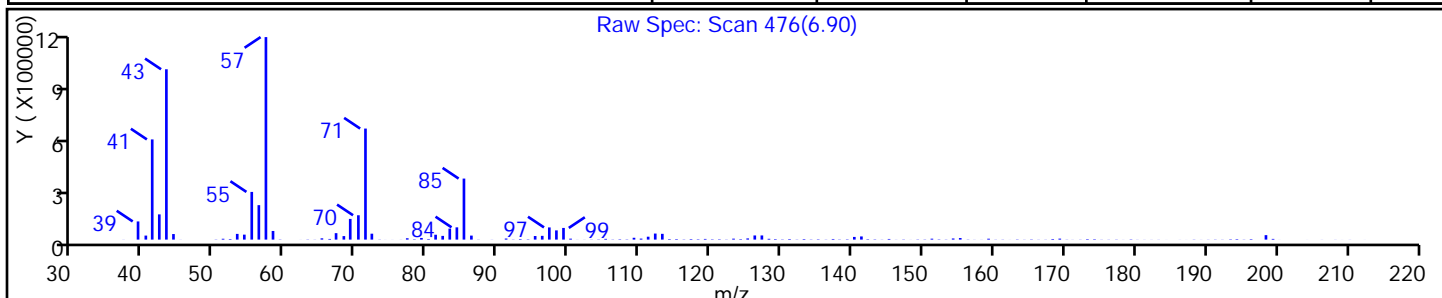
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	97
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	95



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

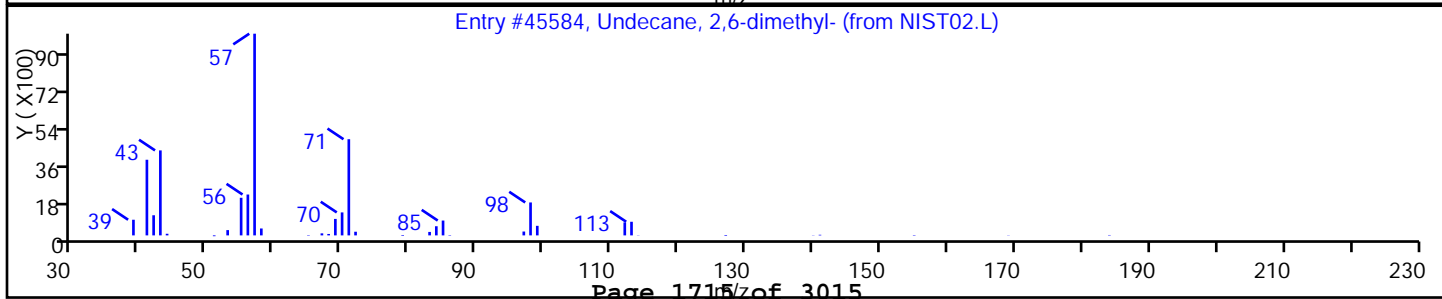
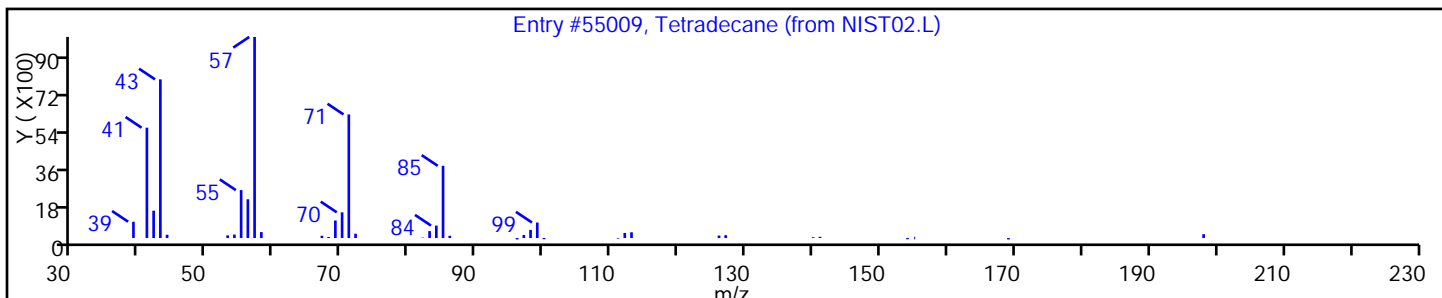
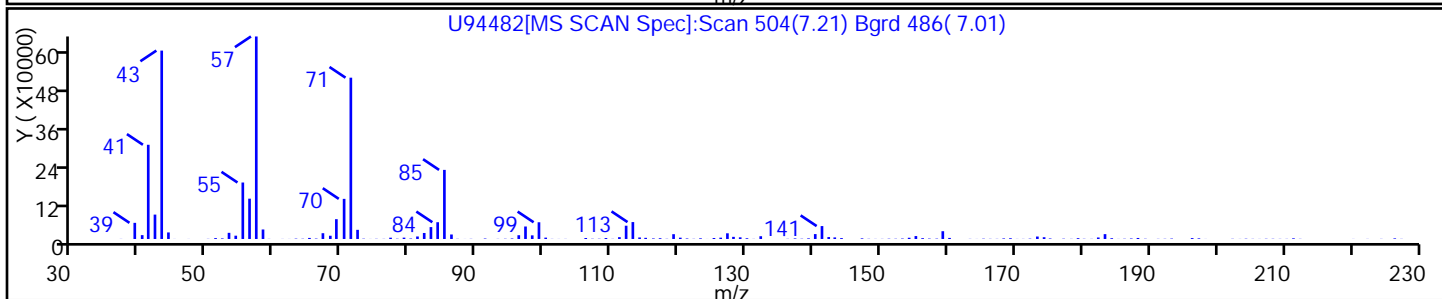
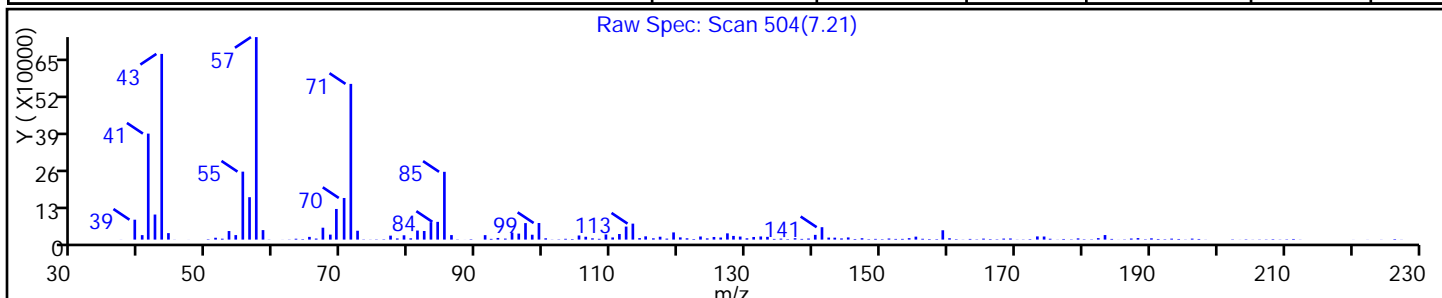
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	86
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.L	45584	C13H28	184	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

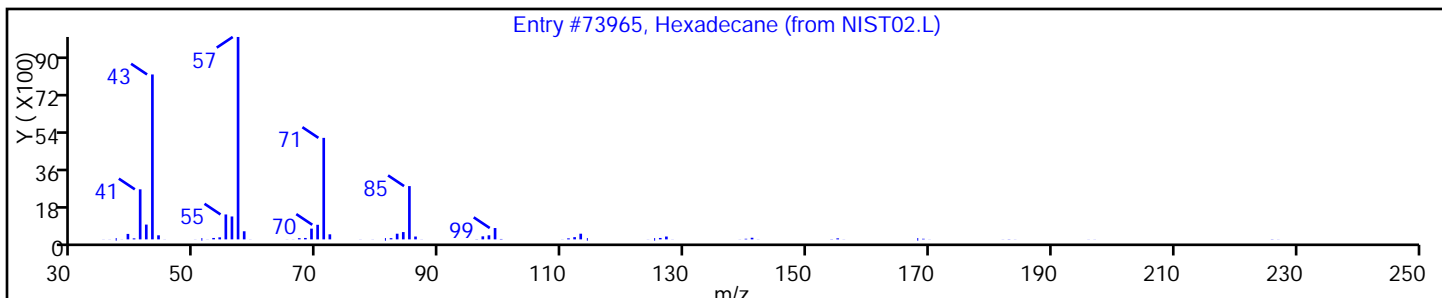
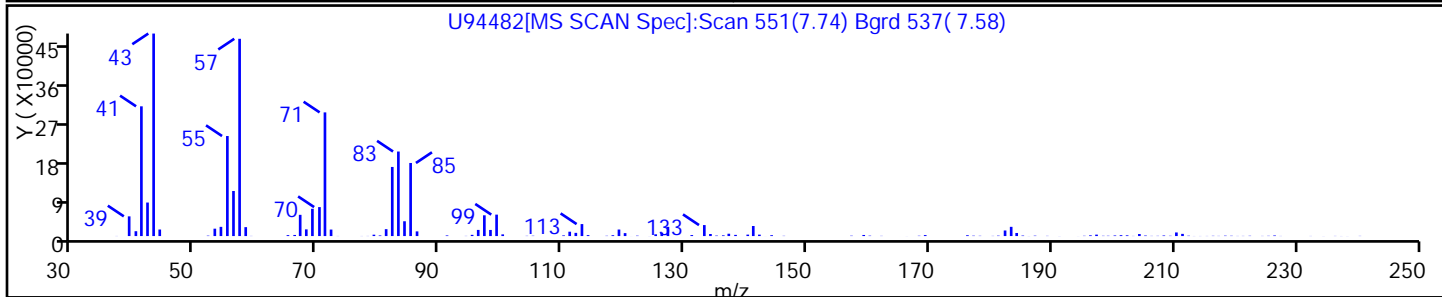
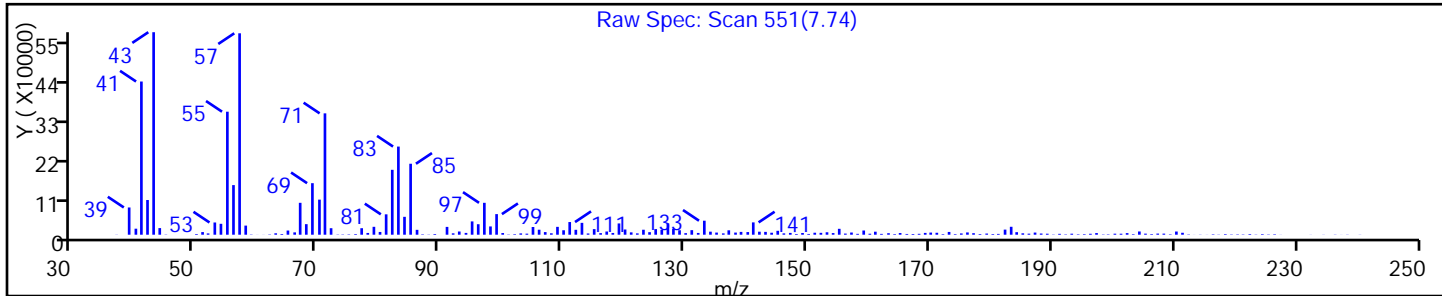
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

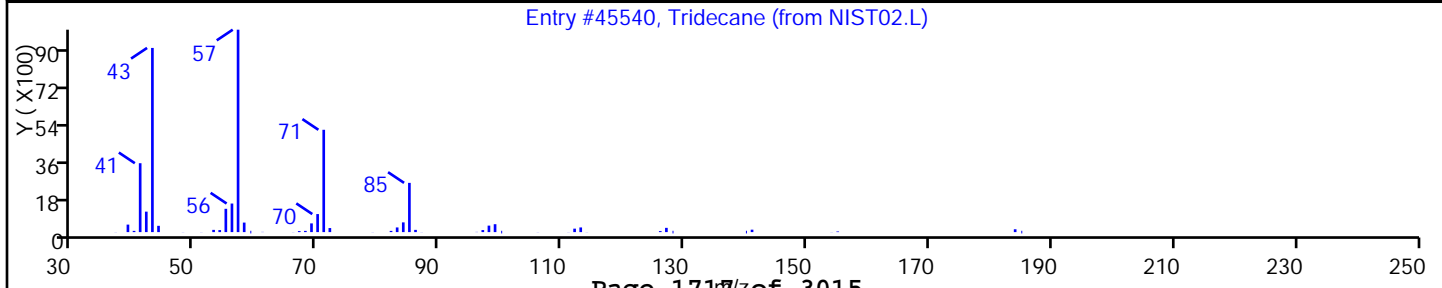
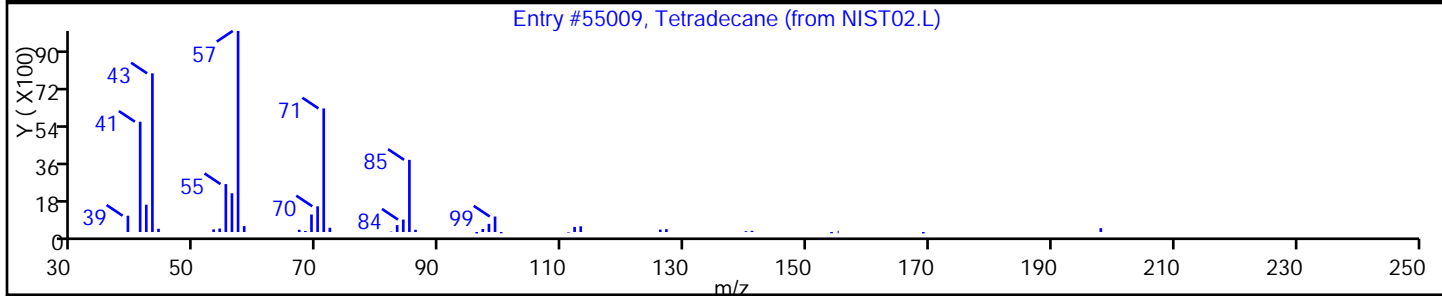
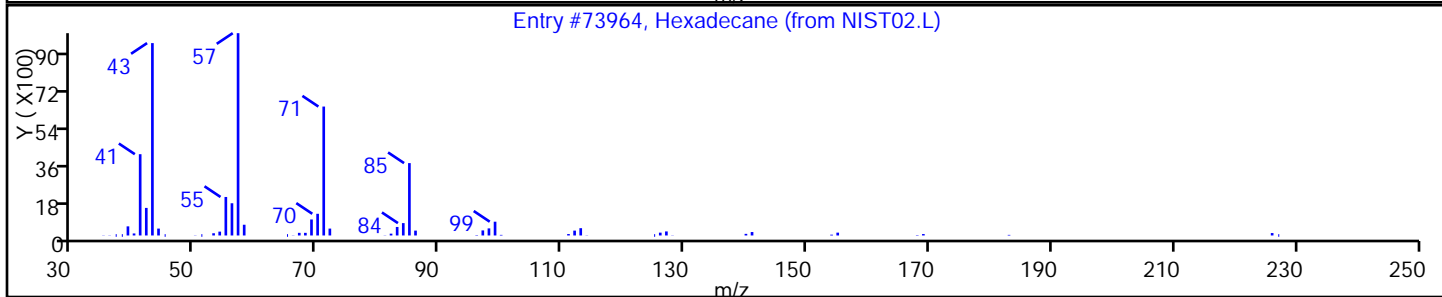
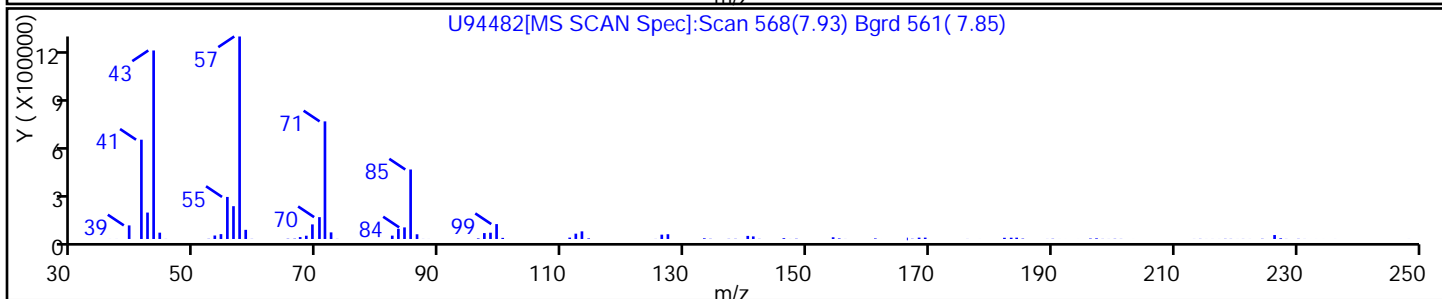
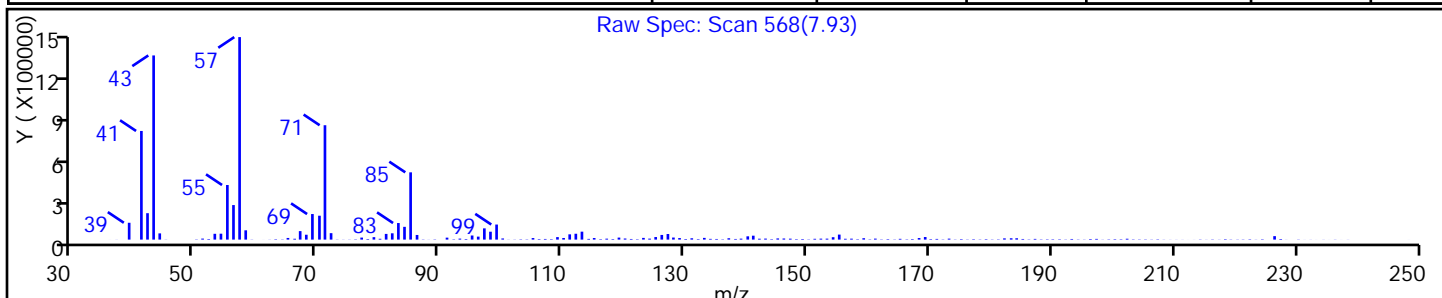
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	96
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	90
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	86



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

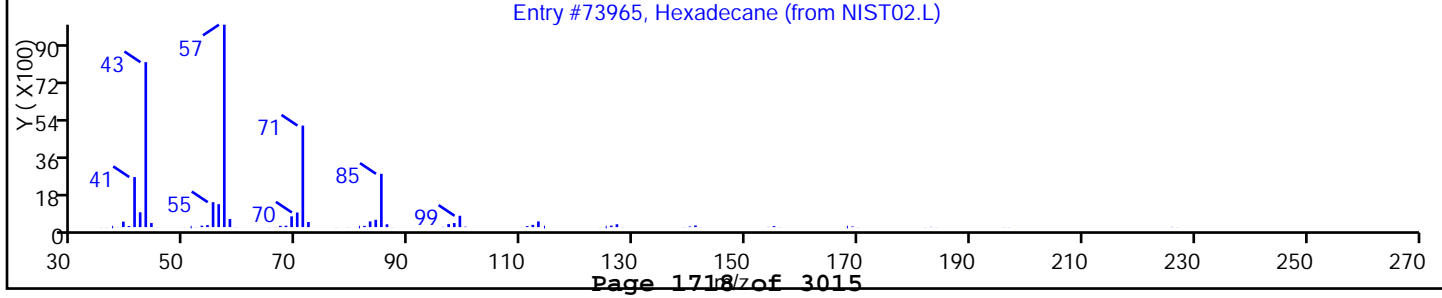
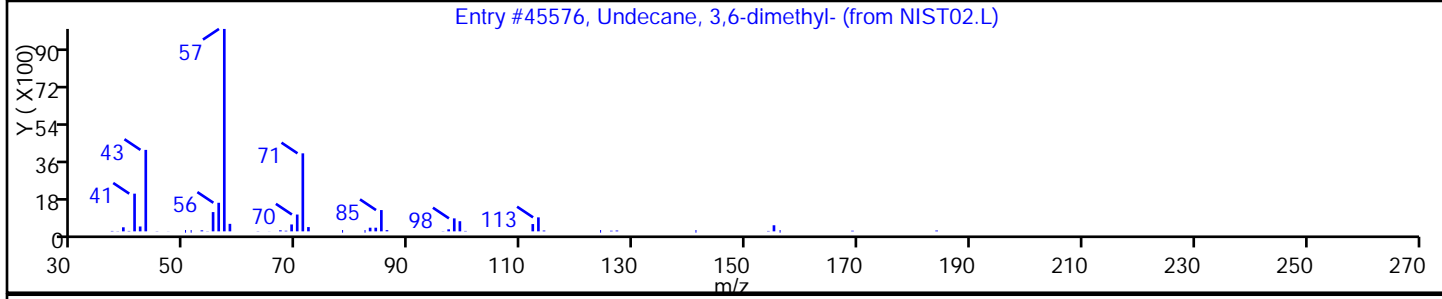
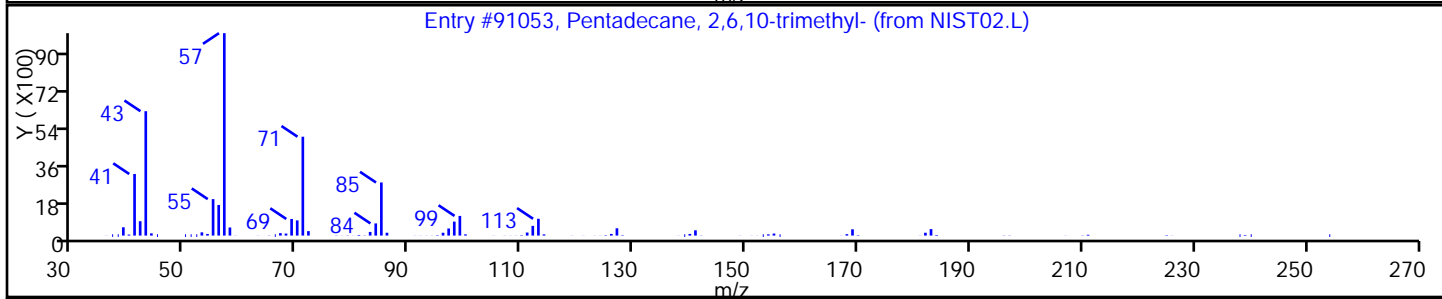
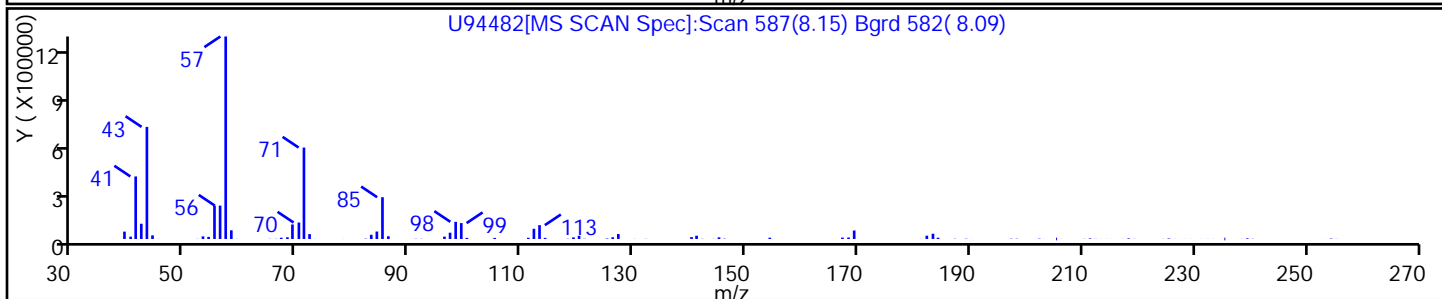
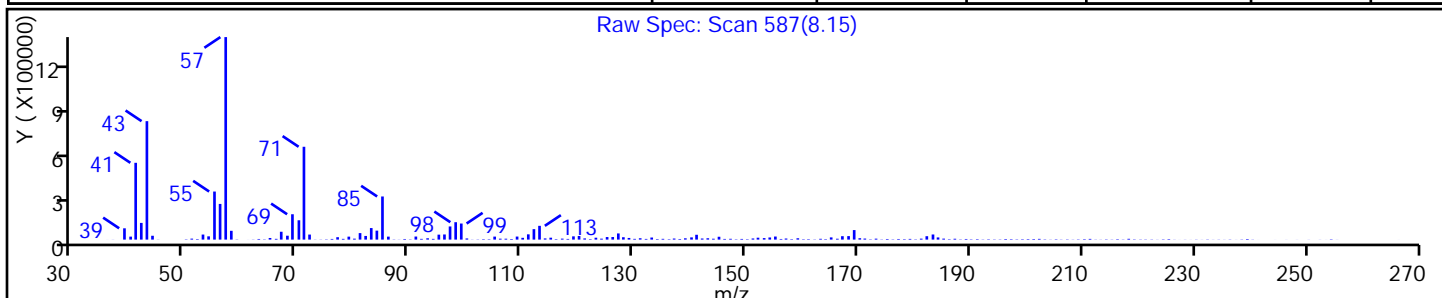
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	94
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	93
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

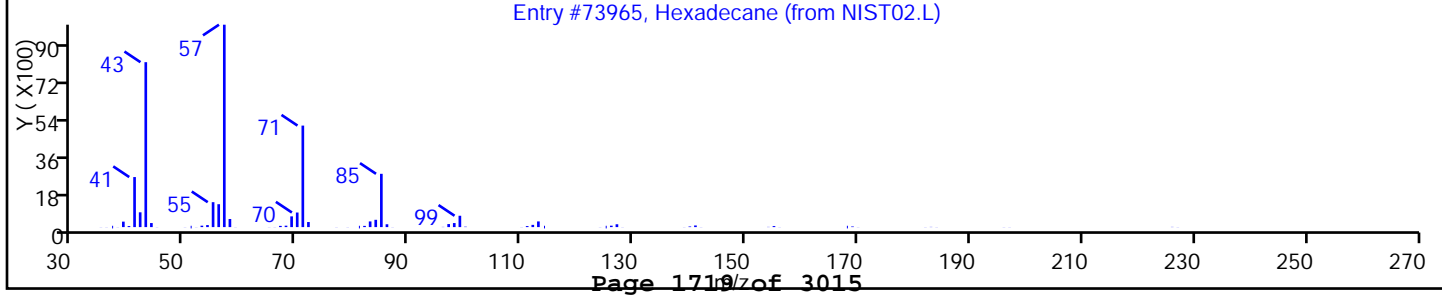
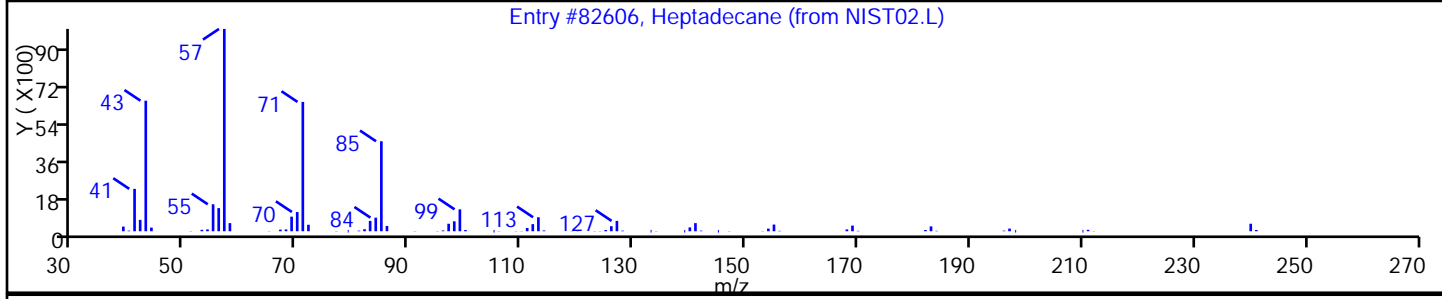
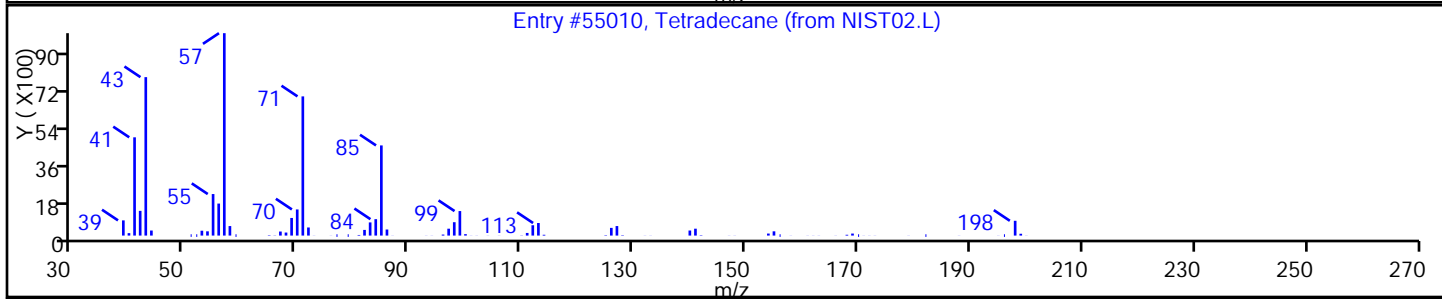
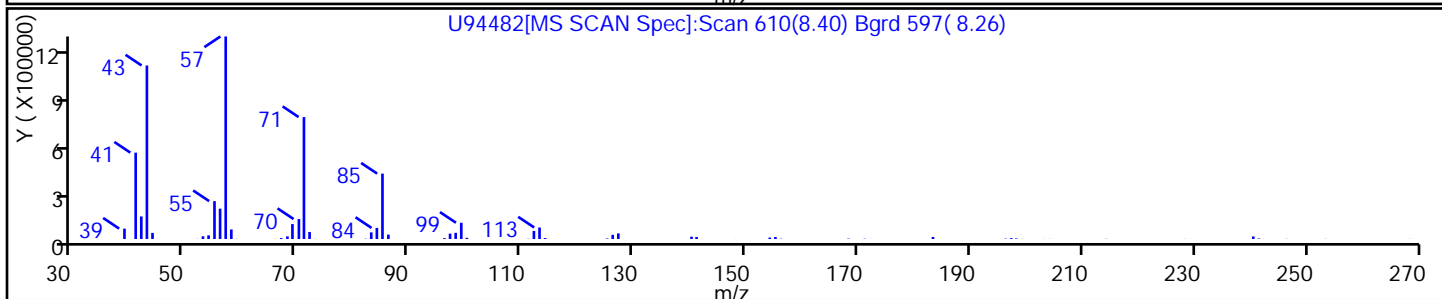
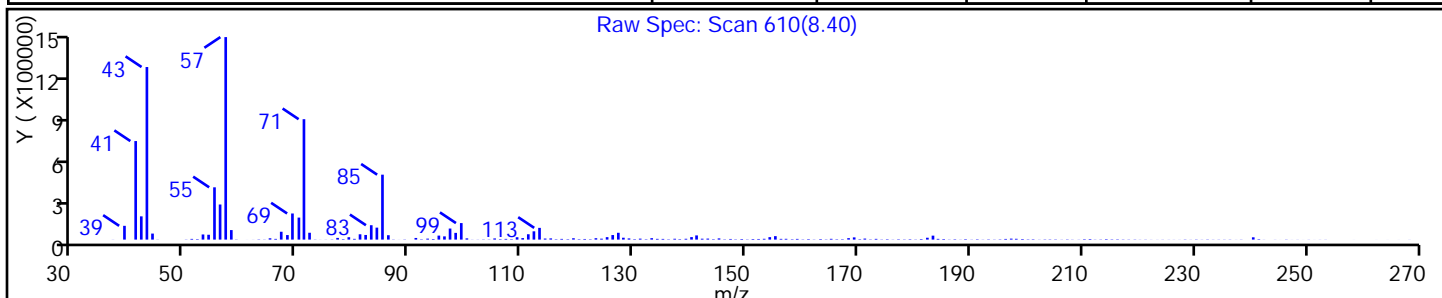
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	95
Heptadecane	629-78-7	NIST02.L	82606	C17H36	240	94
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

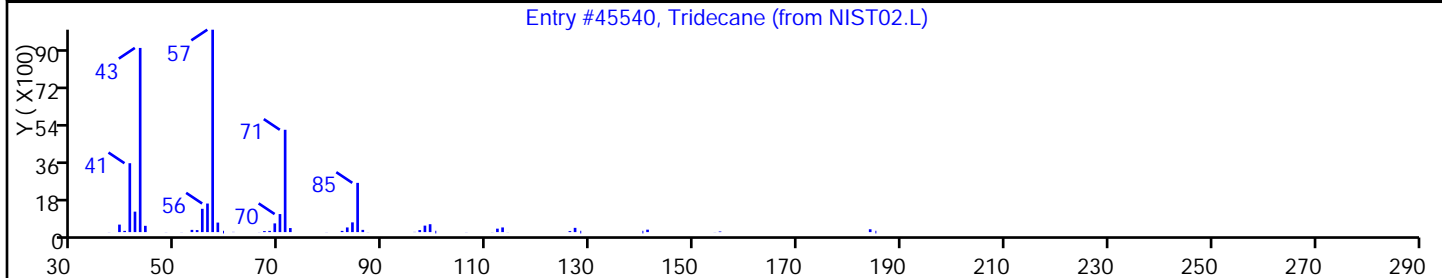
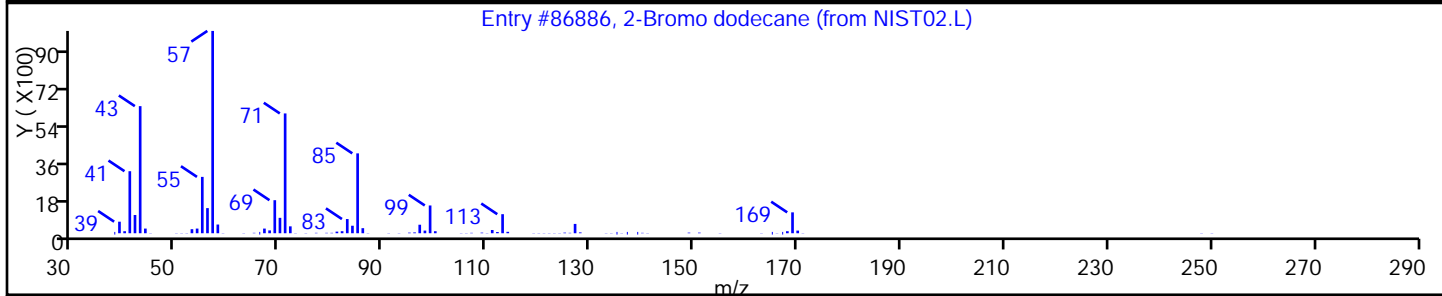
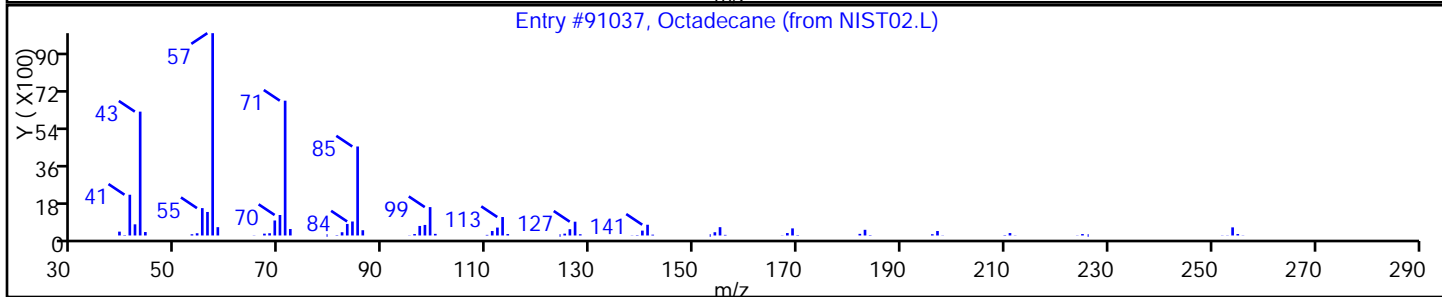
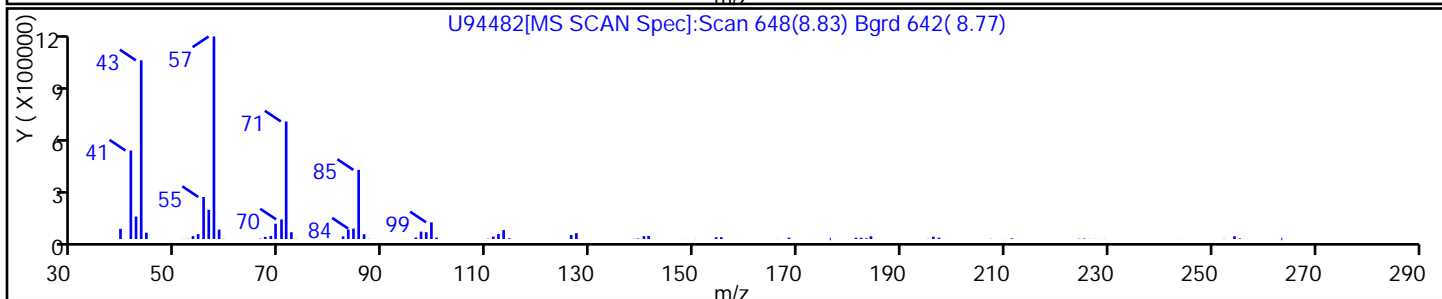
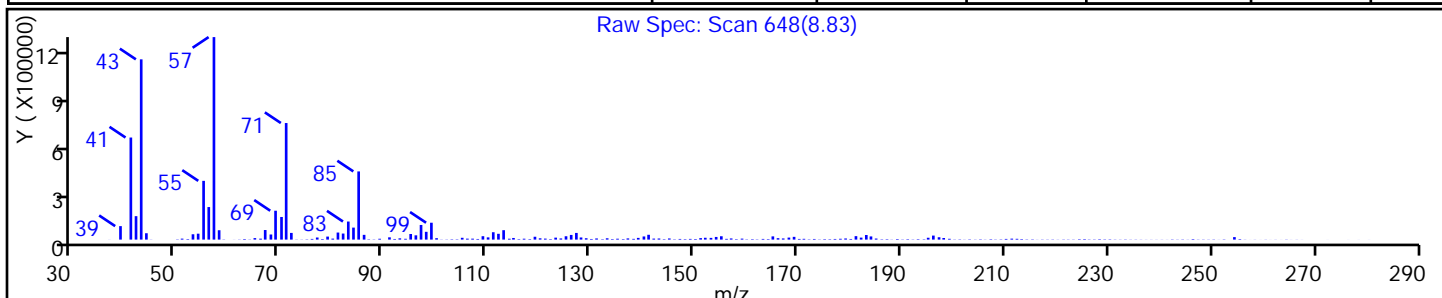
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	95
2-Bromo dodecane	13187-99-0	NIST02.L	86886	C12H25Br	248	93
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

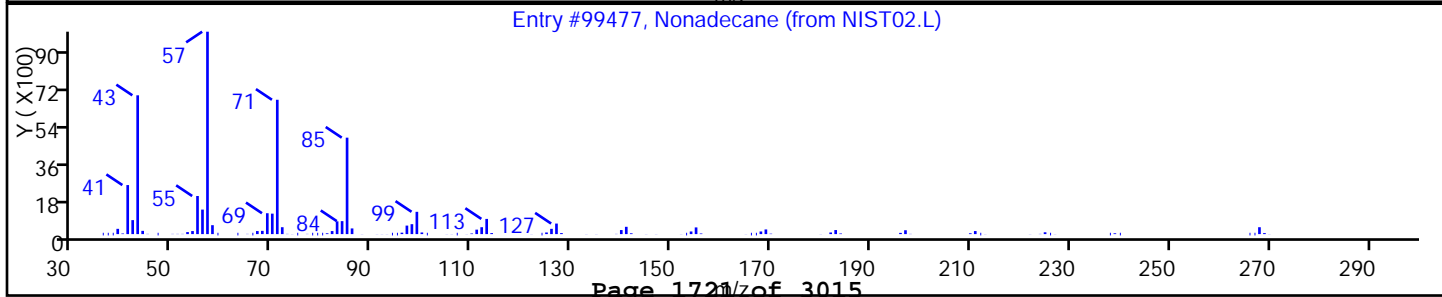
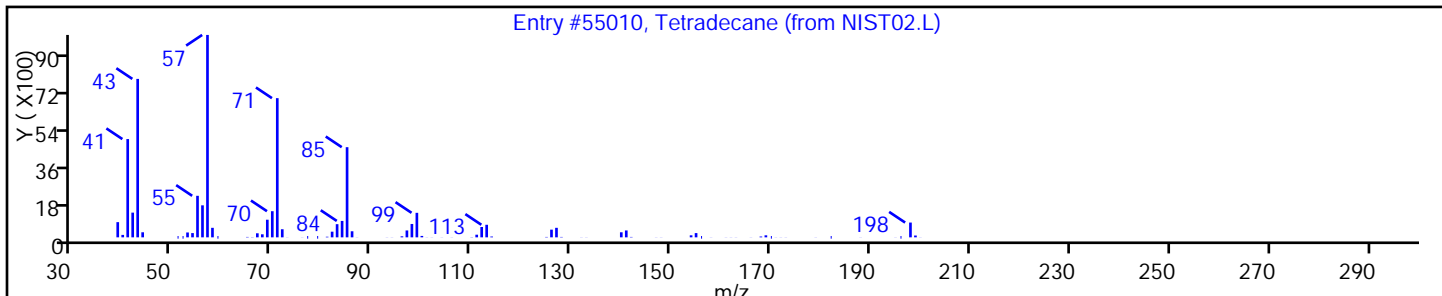
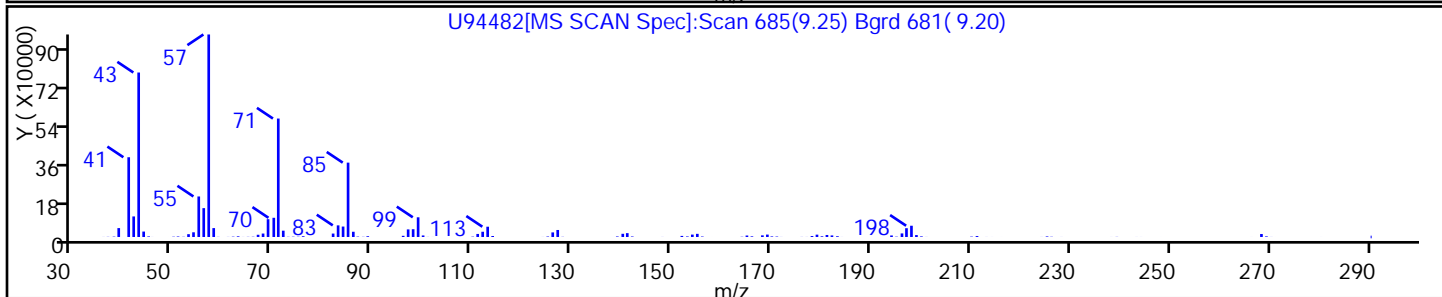
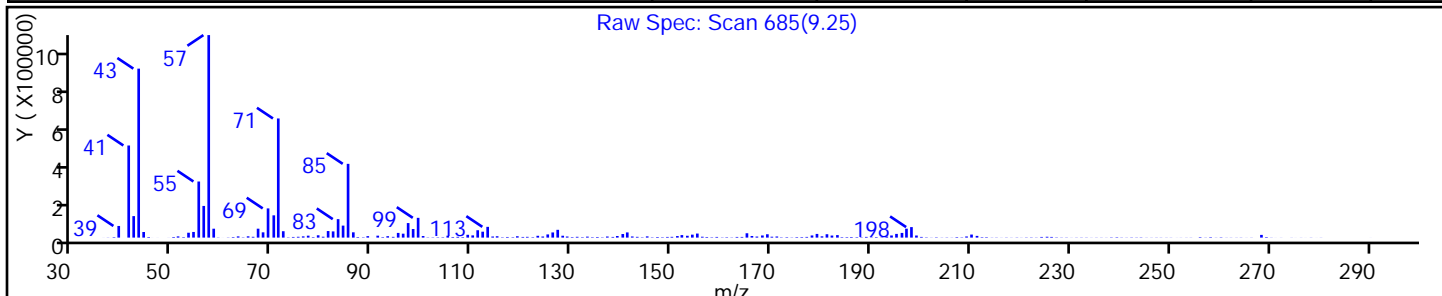
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Tetradecane	629-59-4	NIST02.L	55010	C14H30	198	95
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	93



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

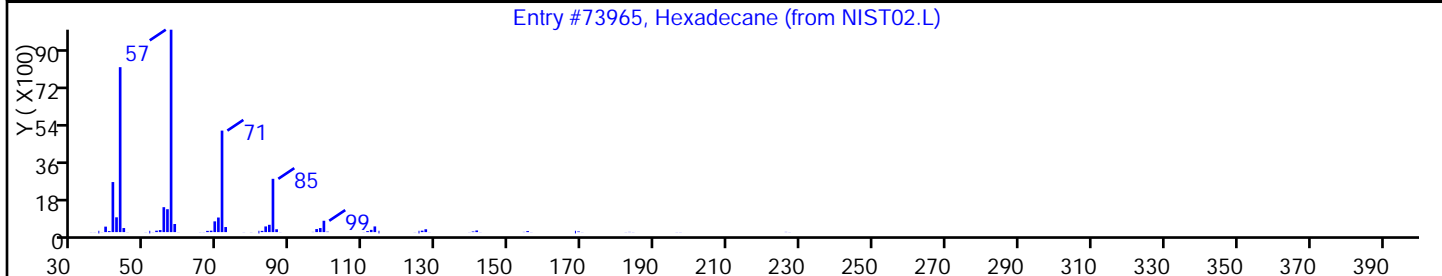
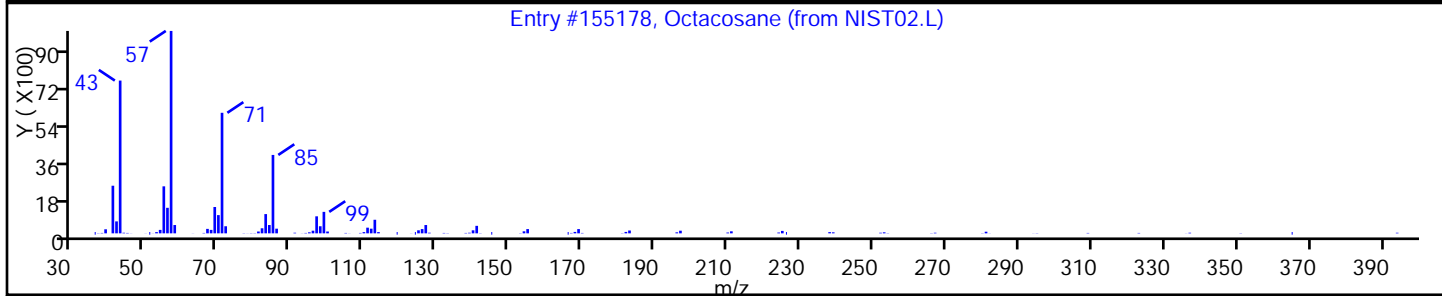
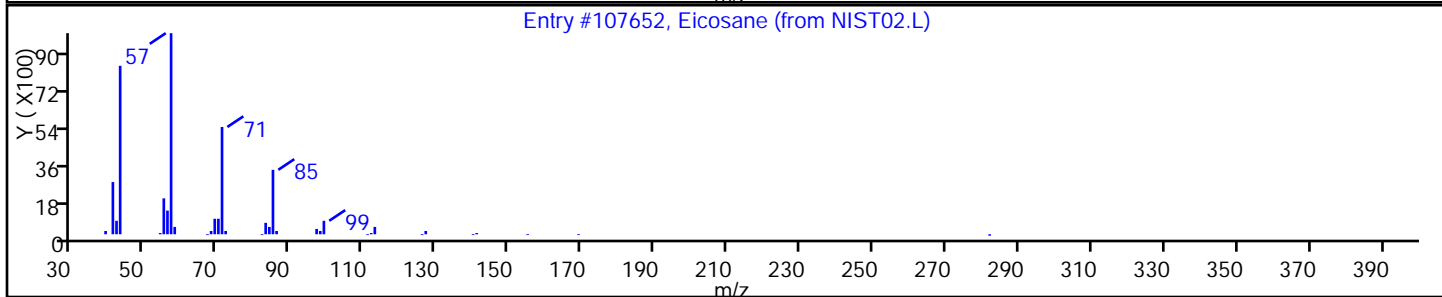
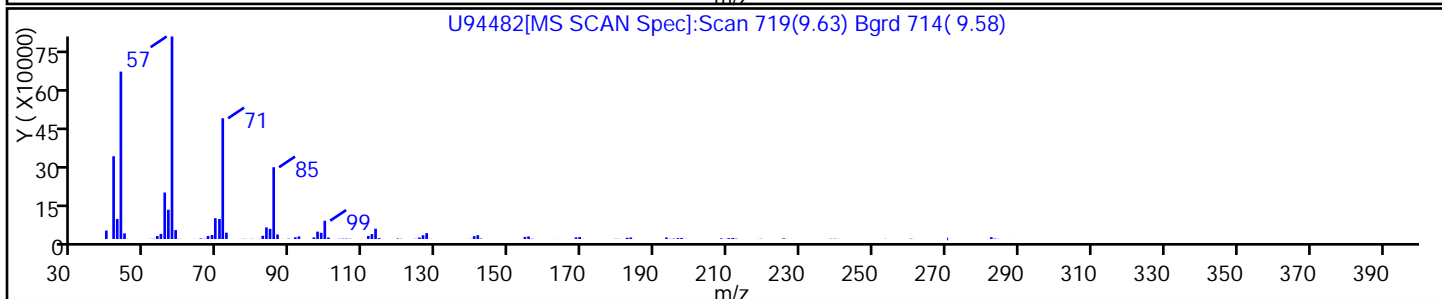
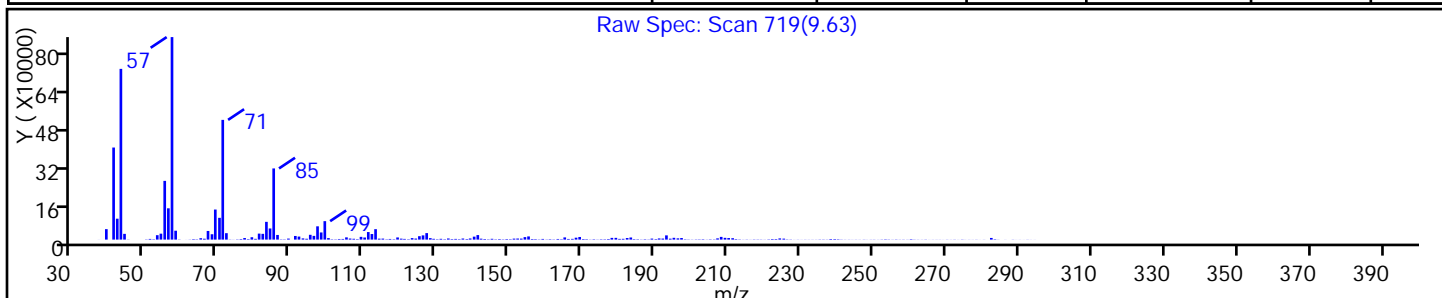
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

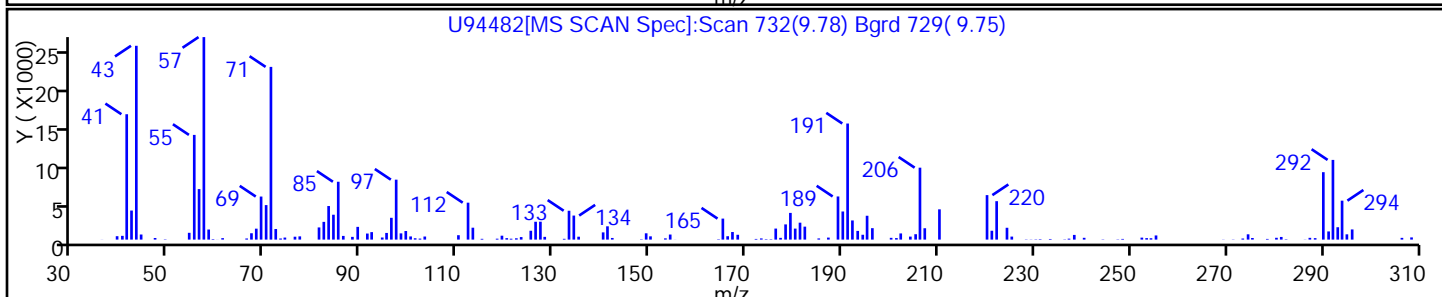
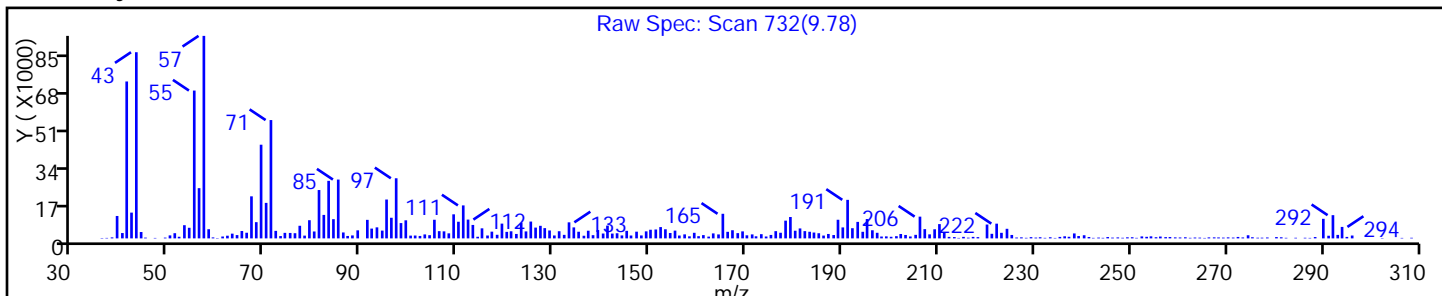
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#:

23

Worklist Smp#:

23

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

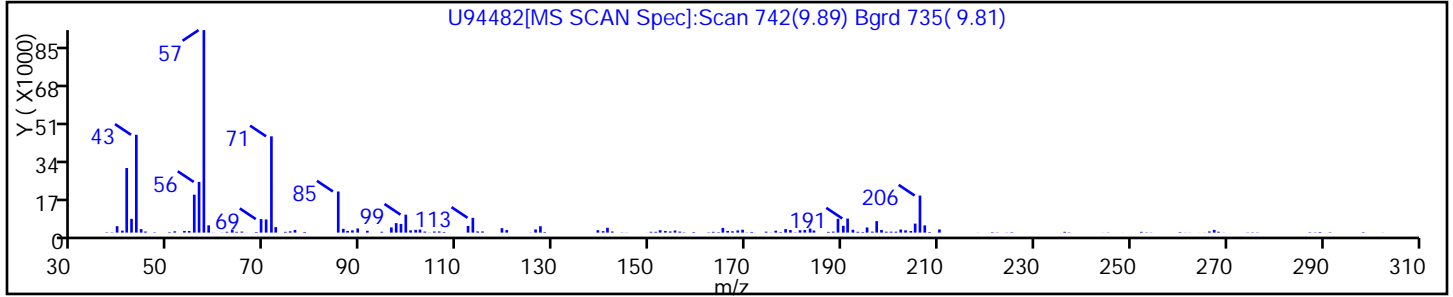
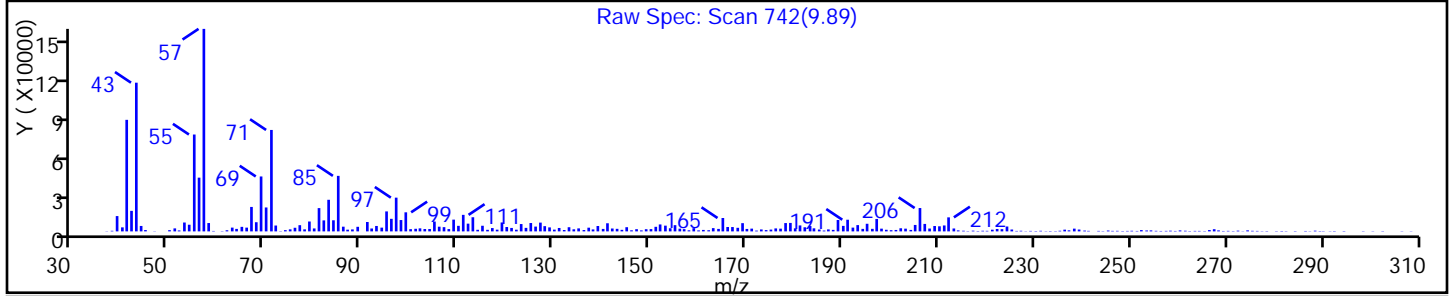
Limit Group:

SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector

MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

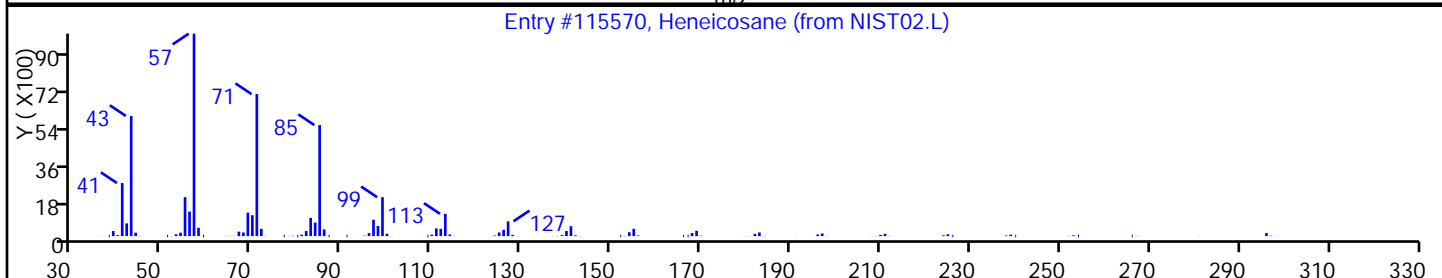
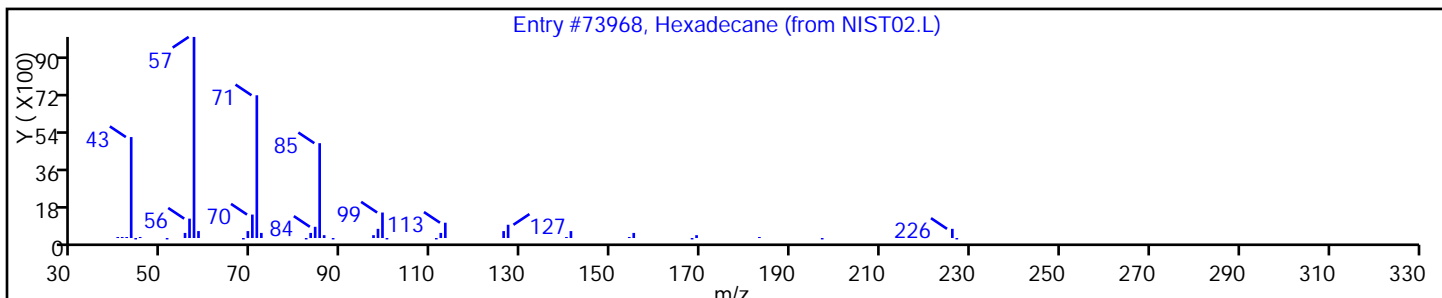
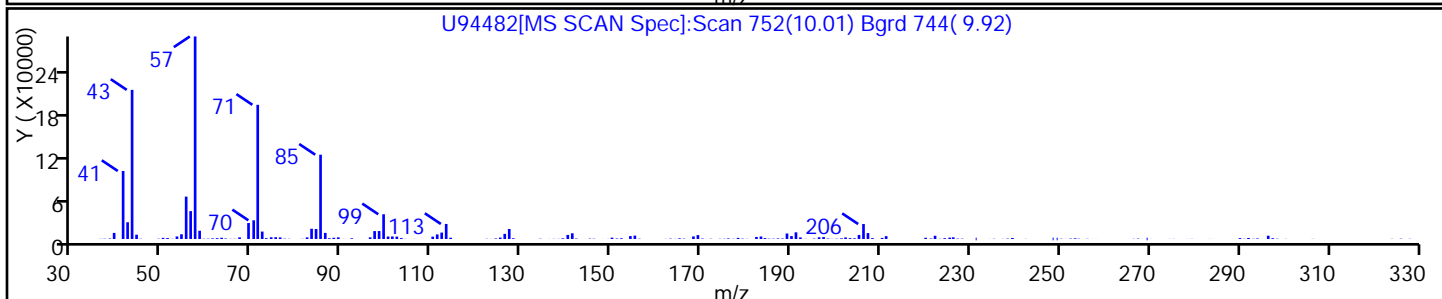
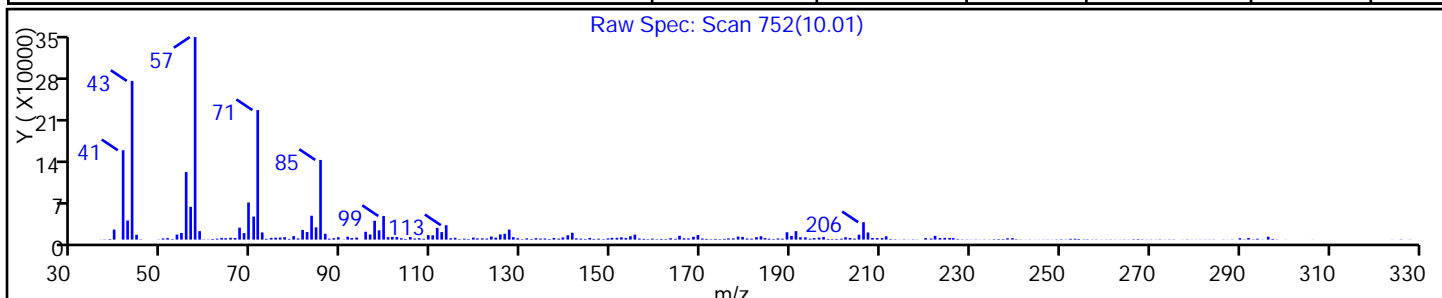
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	96
Heneicosane	629-94-7	NIST02.L	115570	C21H44	296	94



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94482.D

Injection Date: 12-Mar-2014 13:37:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

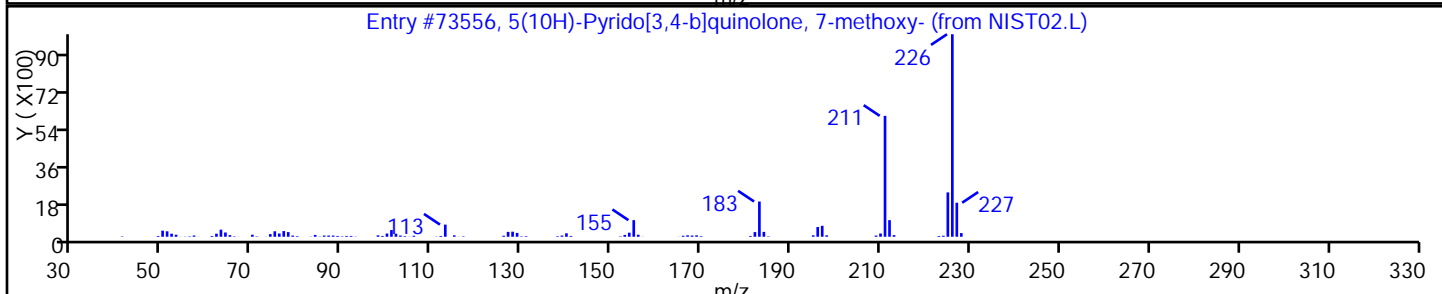
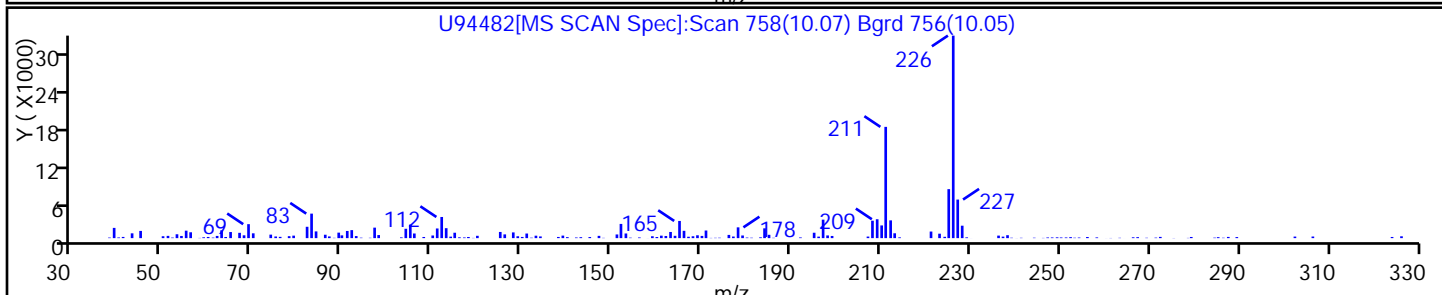
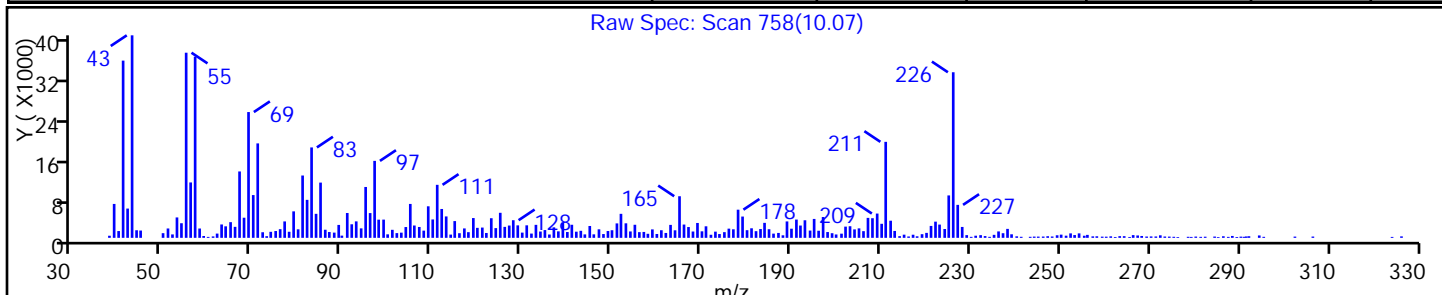
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
5(10H)-Pyrido[3,4-b]quinolone, 7-methoxy	1000256-99	NIST02.L	73556	C13H10N2C	226	87



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: U94513.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 11:32
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	350	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	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: U94513.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 11:32
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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	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	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	710	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	41	U	350	41
85-01-8	Phenanthrene	45	U	350	45
87-86-5	Pentachlorophenol	100	U	710	100
129-00-0	Pyrene	61	J	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	350	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: U94513.D
 Analysis Method: 8270C Date Collected: 03/07/2014 00:00
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 11:32
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	48		40-106
4165-62-2	Phenol-d5	78		44-104
1718-51-0	Terphenyl-d14	107		41-145
118-79-6	2,4,6-Tribromophenol	112		19-114
367-12-4	2-Fluorophenol	55		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: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP3_030714</u>	Lab Sample ID: <u>460-72180-26</u>
Matrix: <u>Solid</u>	Lab File ID: <u>U94513.D</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>03/07/2014 00:00</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>03/11/2014 08:44</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>03/13/2014 11:32</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: <u>5.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>212262</u>	Units: <u>ug/Kg</u>
Number TICs Found: <u>15</u>	TIC Result Total: <u>65900</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	6.84	3000	J
18344-37-1	Heptadecane, 2,6,10,14-tetramethyl-	7.19	3700	J N
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.34	4800	J N
55045-08-4	Dodecane, 2-methyl-6-propyl-	7.72	1900	J N
544-76-3	Hexadecane	7.90	3700	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.12	4800	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.39	16000	J N
	Unknown	8.72	1800	J
	Unknown alkane	8.81	3500	J
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.84	10000	J N
	Unknown alkane	9.01	2300	J
	Unknown alkane	9.17	3000	J
629-92-5	Nonadecane	9.22	2000	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.26	3400	J N
	Unknown	15.83	2000	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D
 Lims ID: 460-72180-E-26-A Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:32:30 ALS Bottle#: 24 Worklist Smp#: 24
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-024
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: XAWRK034

First Level Reviewer: croccom

Date: 13-Mar-2014 18:05:07

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.118	3.126	-0.008	88	142132	27.5	
\$ 6 Phenol-d5	99	4.038	4.072	-0.034	71	244392	39.1	
* 13 1,4-Dichlorobenzene-d4	152	4.401	4.423	-0.022	96	118313	40.0	
\$ 25 Nitrobenzene-d5	82	4.950	4.984	-0.034	94	157920	23.8	
* 35 Naphthalene-d8	136	5.681	5.696	-0.015	100	539504	40.0	
\$ 48 2-Fluorobiphenyl	172	6.765	6.780	-0.015	97	298211	43.2	
* 61 Acenaphthene-d10	164	7.437	7.444	-0.007	91	202264	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.224	8.223	0.001	86	43601	56.1	
* 83 Phenanthrene-d10	188	8.912	8.909	0.003	98	272967	40.0	
90 Pyrene	202	10.312	10.312	0.0	87	4153	0.8634	
\$ 91 Terphenyl-d14	244	10.459	10.464	-0.005	97	189514	53.6	
* 96 Chrysene-d12	240	11.651	11.672	-0.021	97	152152	40.0	
* 103 Perylene-d12	264	13.568	13.590	-0.022	99	147098	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D
 Lims ID: 460-72180-E-26-A Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:32:30 ALS Bottle#: 24 Worklist Smp#: 24
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-024
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:04:35 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: croccom Date: 13-Mar-2014 18:05:07

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
6.843	1964358	41.8	61	0	0		0	
7.191	2461436	52.4	61	86	115580	C21H44	296	
1000100-23-6 Decahydro-8a-ethyl-1,1,4a,6-tetramethyl-								
7.336	3185942	67.8	61	87	71138	C16H30	222	
55045-08-4 Dodecane, 2-methyl-6-propyl-								
7.718	1245437	26.5	61	91	73991	C16H34	226	
544-76-3 Hexadecane								
7.898	2428970	51.7	61	95	73965	C16H34	226	
3892-00-0 Pentadecane, 2,6,10-trimethyl-								
8.123	3212024	68.4	61	87	91053	C18H38	254	
1921-70-6 Pentadecane, 2,6,10,14-tetramethyl-								
8.393	6948027	220.8	83	96	99492	C19H40	268	
Unknown								
8.720	784720	24.9	83					M
Unknown alkane								
8.810	1577677	50.1	83	0	0		0	M
638-36-8 Hexadecane, 2,6,10,14-tetramethyl-								
8.844	4638184	147.4	83	96	107670	C20H42	282	M
Unknown alkane								
9.013	1009799	32.1	83	0	0		0	M
Unknown alkane								
9.171	1345742	42.8	83	0	0		0	M

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
629-92-5	Nonadecane							
9.217	888576	28.2	83	90	99477	C19H40	268	M
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-							
9.262	1502791	47.7	83	98	91788	C12H7Cl3	256	M
15.830	Unknown	27.7	103					

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 61 Acenaphthene-d10	7.437	1878298	40.0
* 83 Phenanthrene-d10	8.912	1258922	40.0
* 103 Perylene-d12	13.568	420576	40.0

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Worklist Smp#: 24

Client ID: DUP3_030714

Injection Vol: 1.0 ul

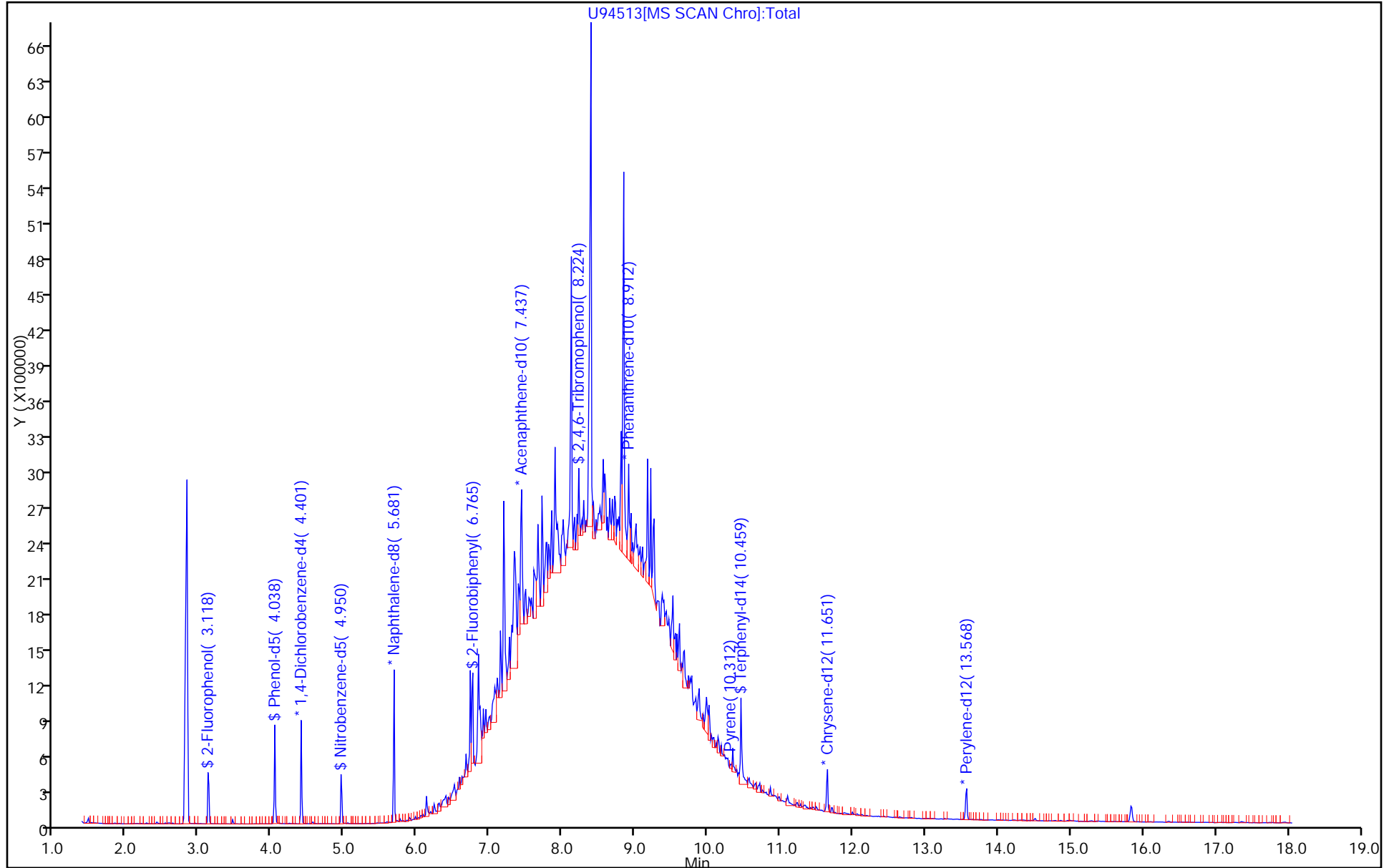
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

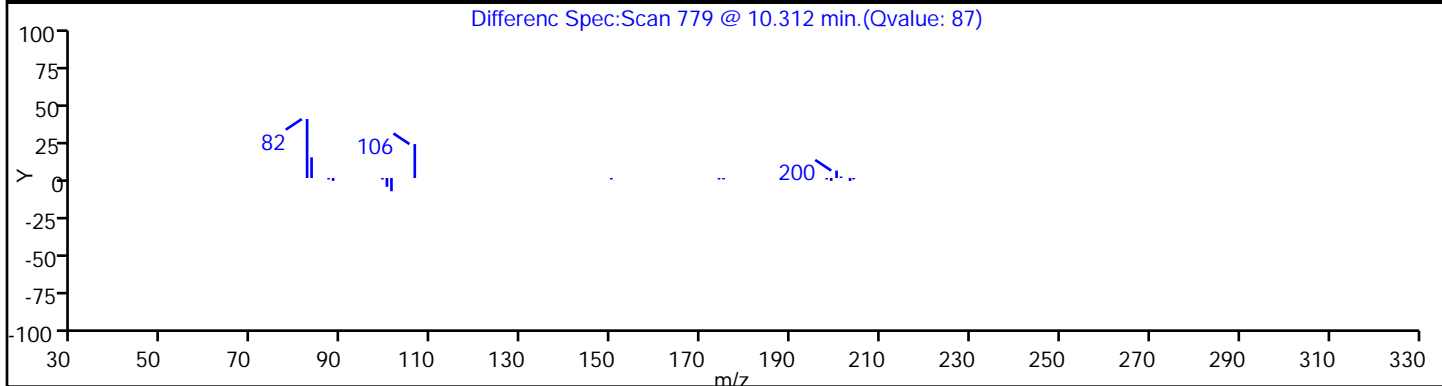
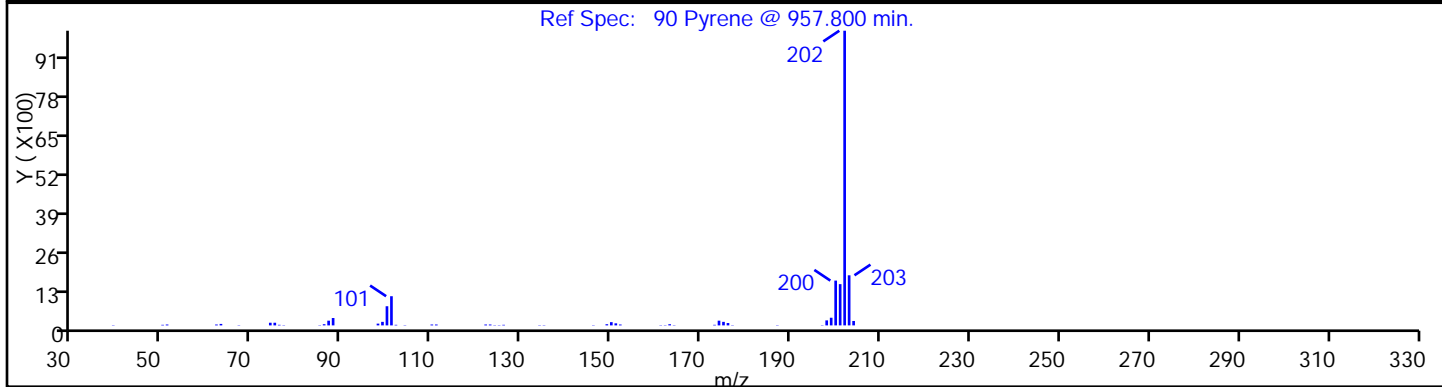
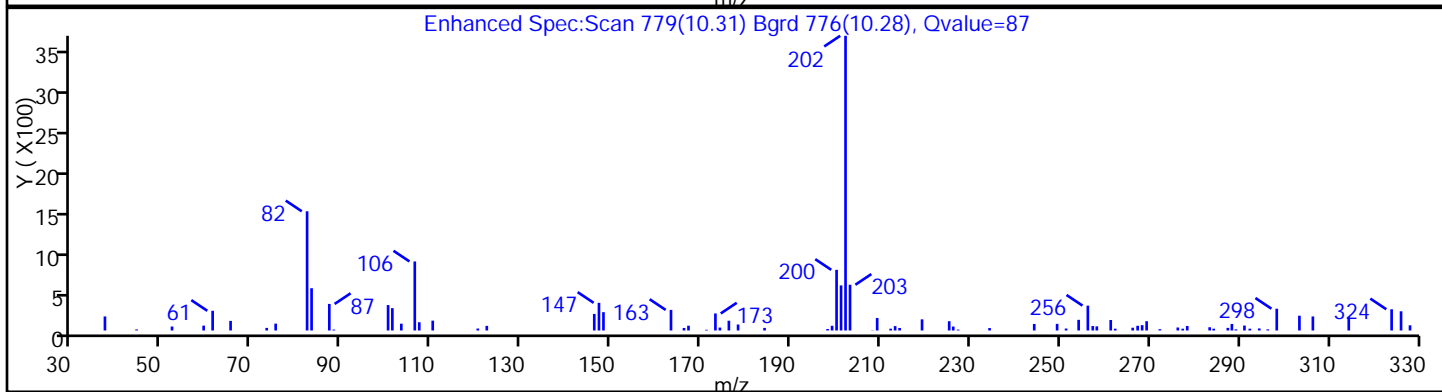
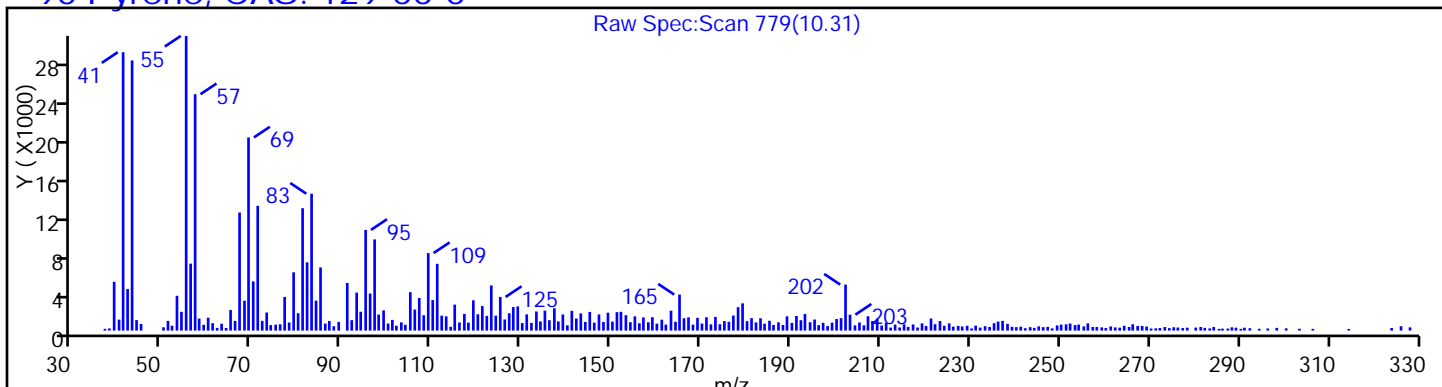
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

90 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

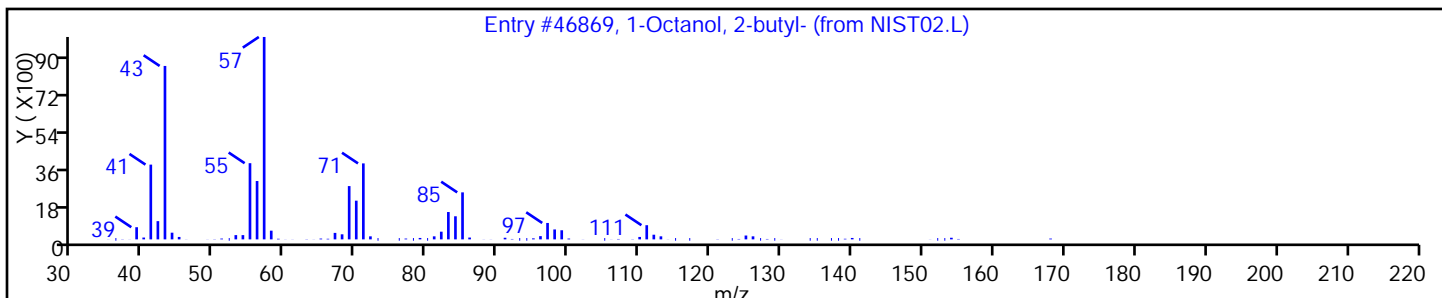
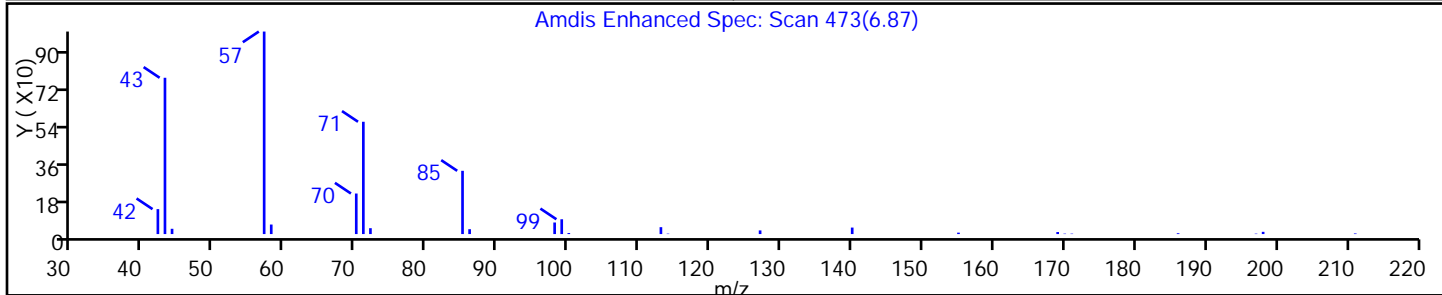
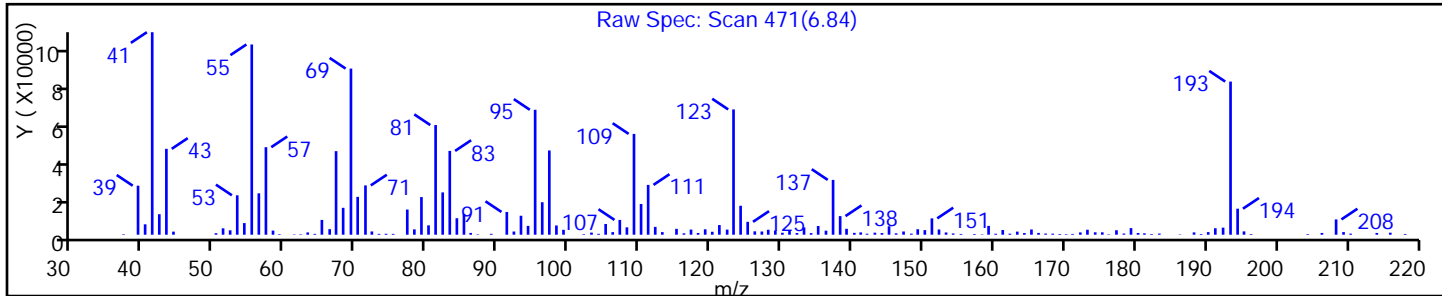
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown		NIST02.L	0		0	0
1-Octanol, 2-butyl-	3913-02-8	NIST02.L	46869	C12H26O	186	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

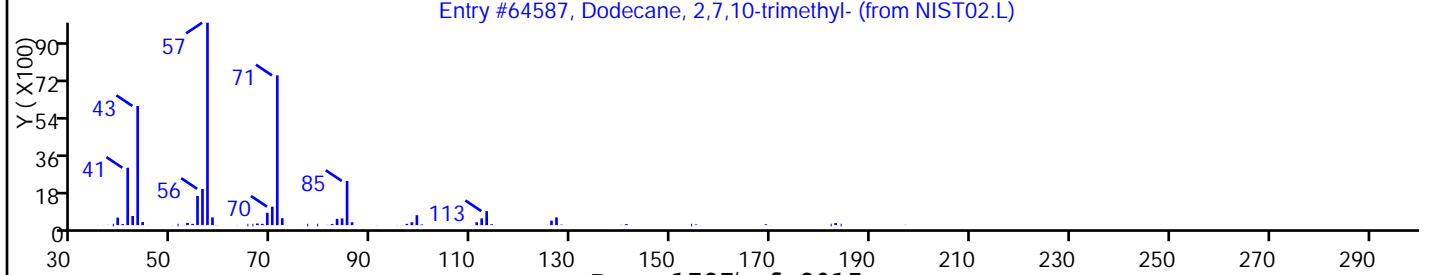
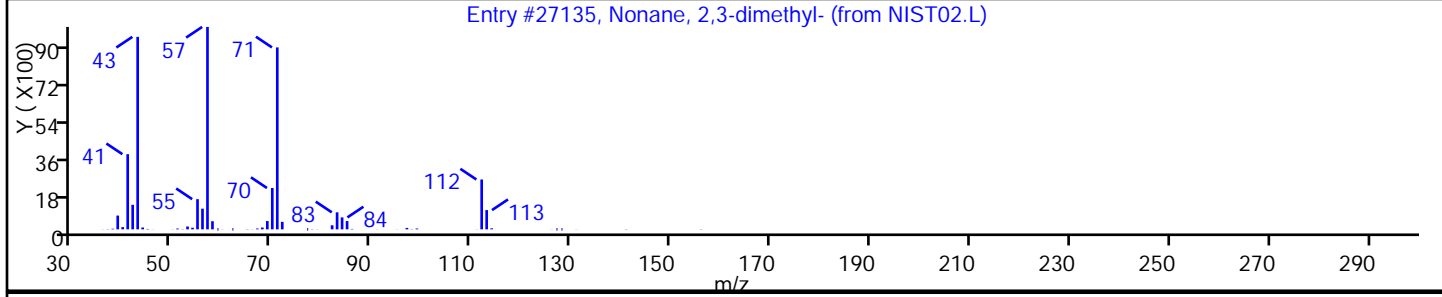
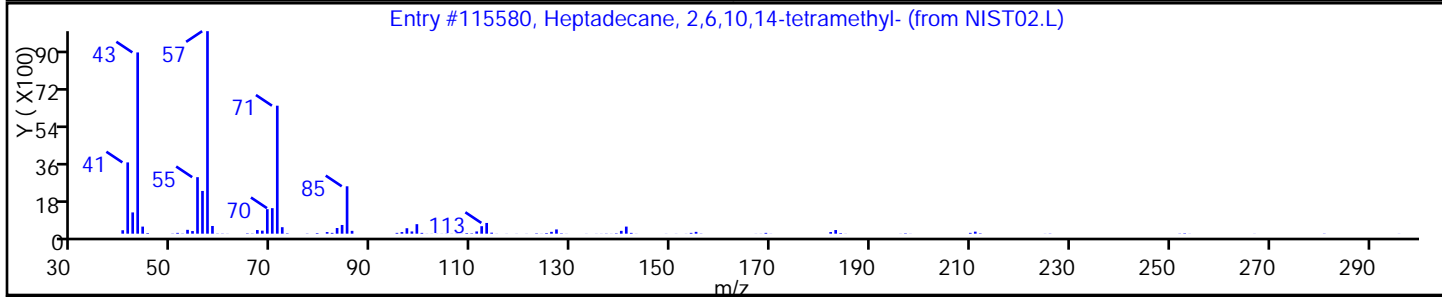
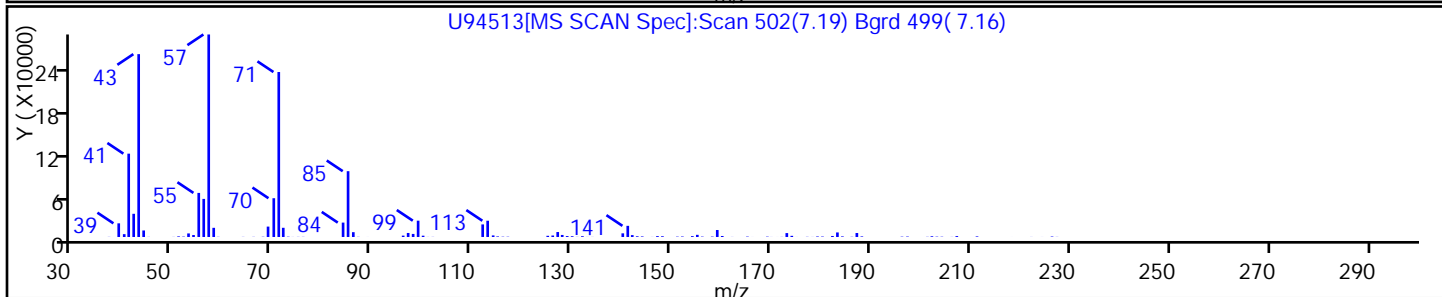
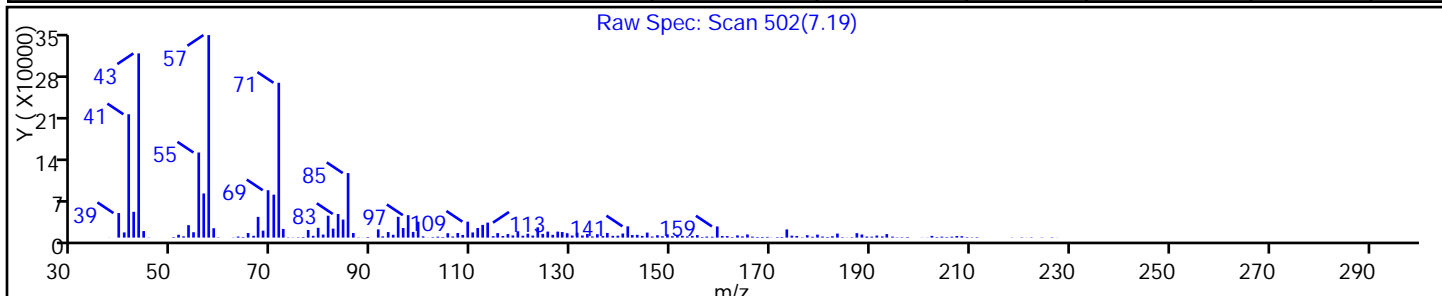
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST02.L	115580	C21H44	296	86
Nonane, 2,3-dimethyl-	2884-06-2	NIST02.L	27135	C11H24	156	81
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMs4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

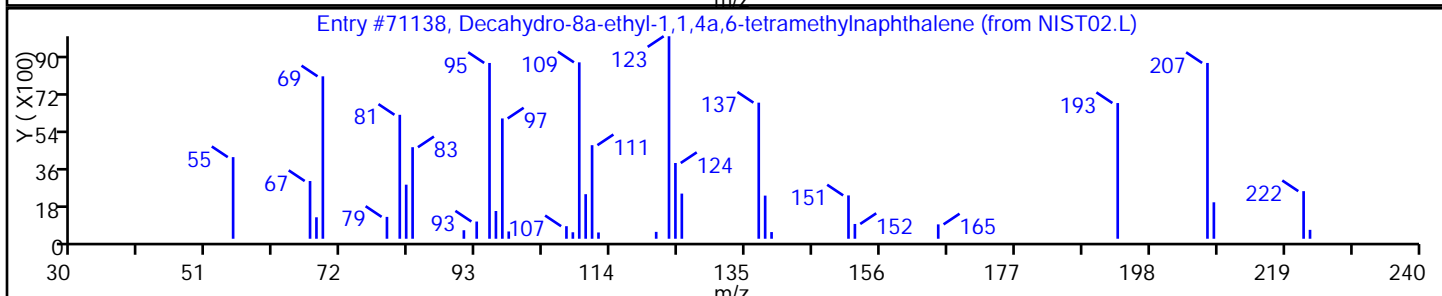
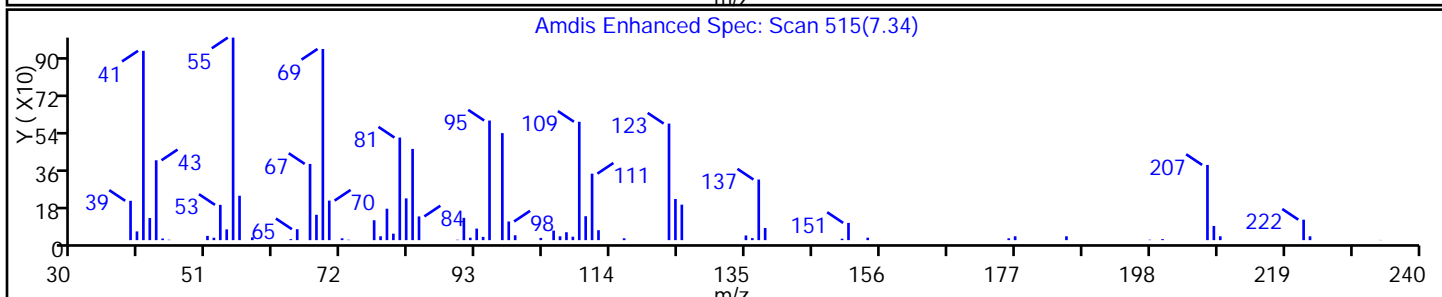
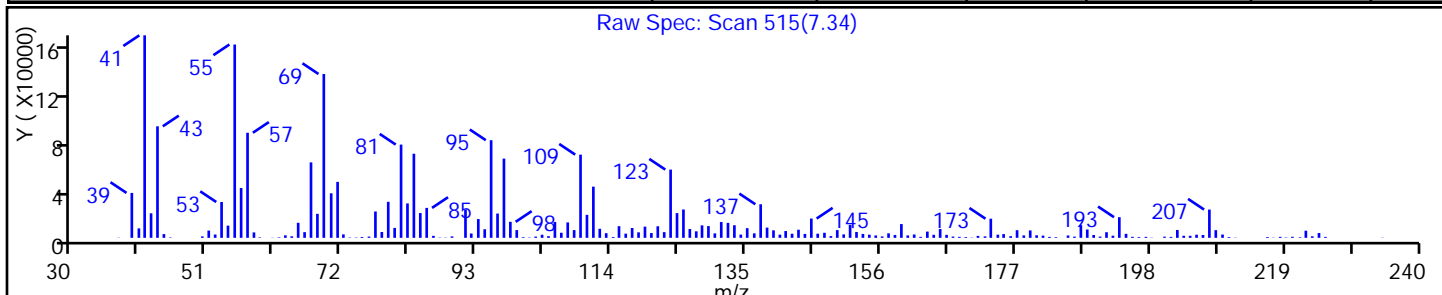
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23	NIST02.L	71138	C16H30	222	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

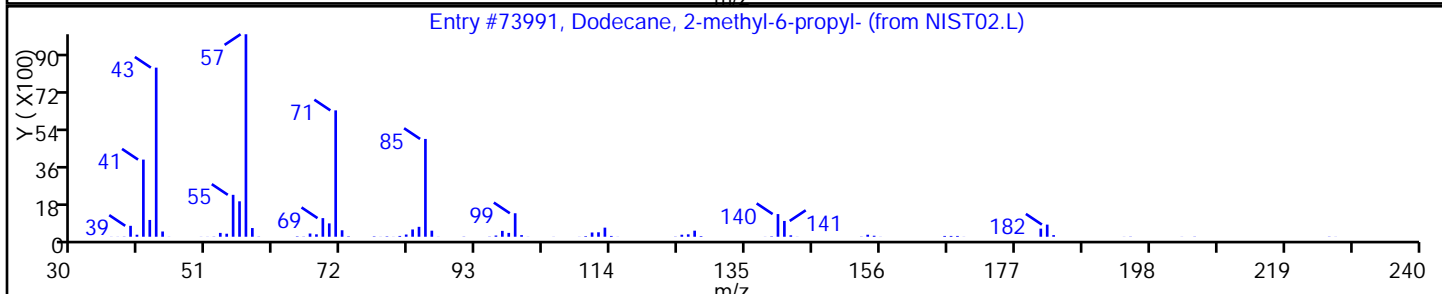
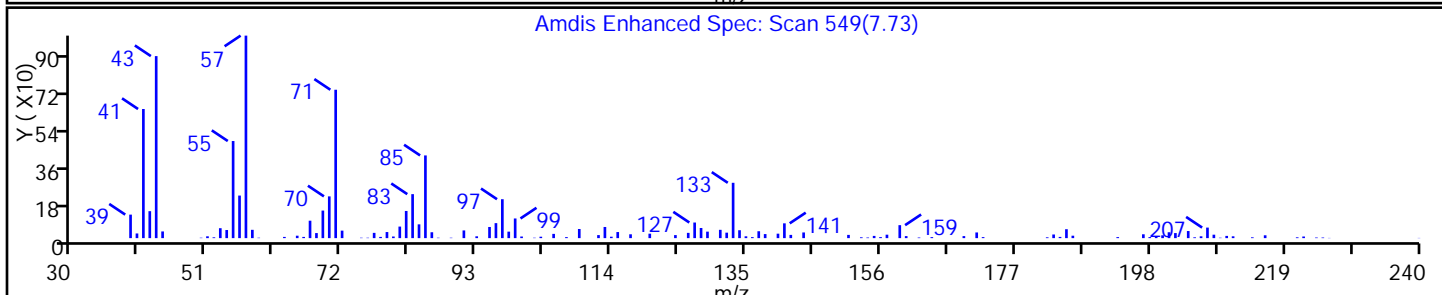
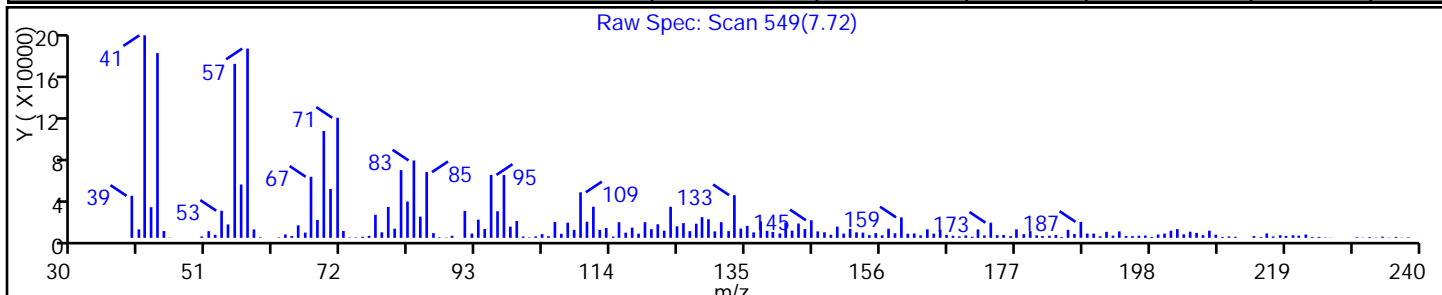
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 2-methyl-6-propyl-	55045-08-4	NIST02.L	73991	C16H34	226	91



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

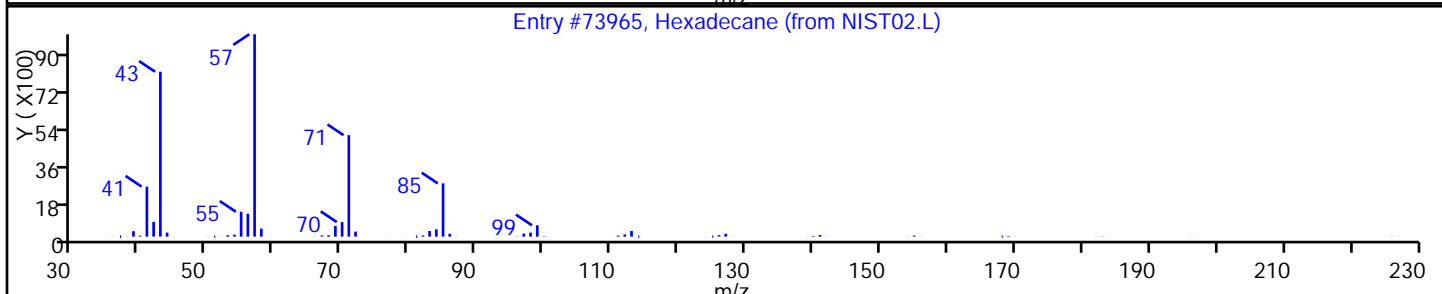
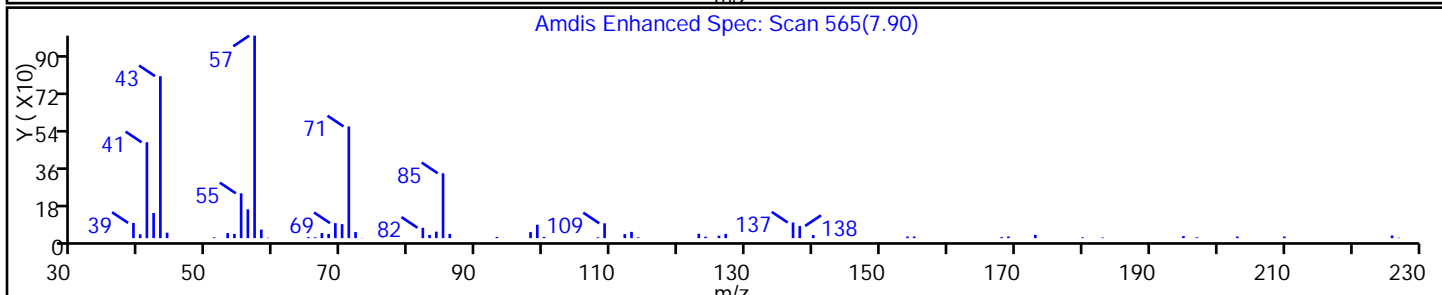
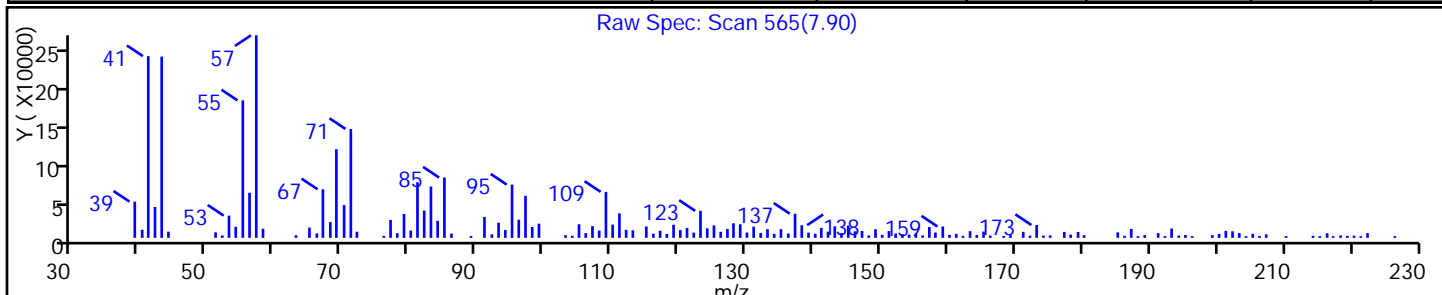
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	95



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

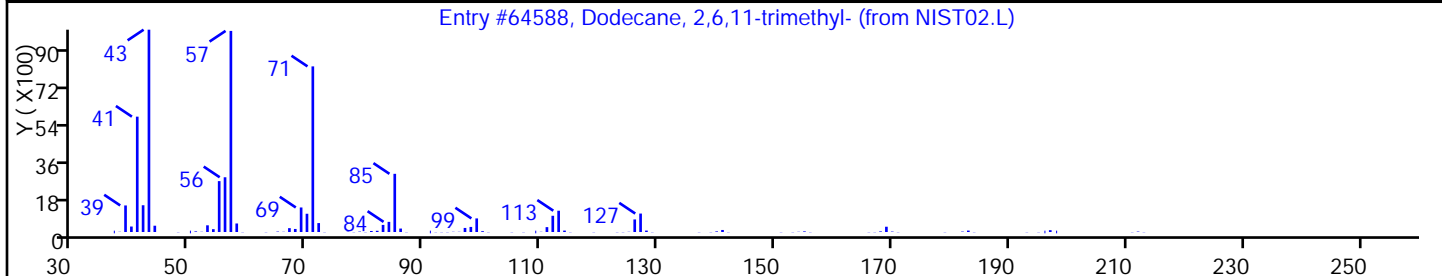
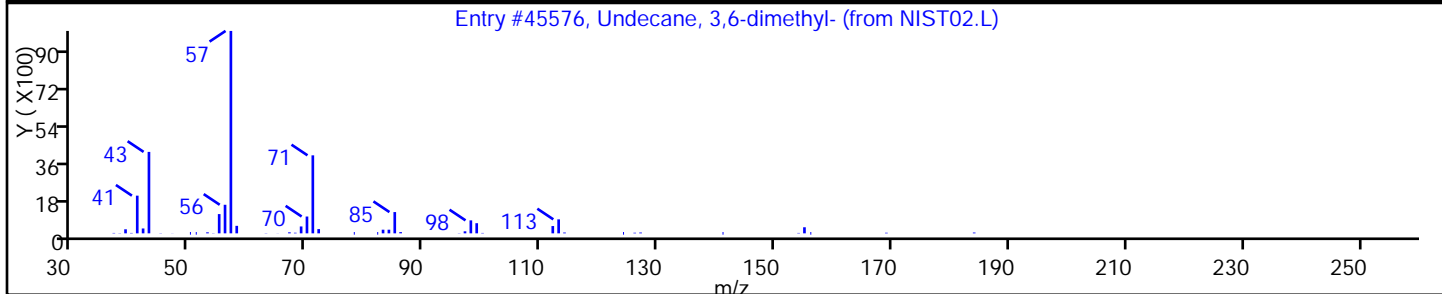
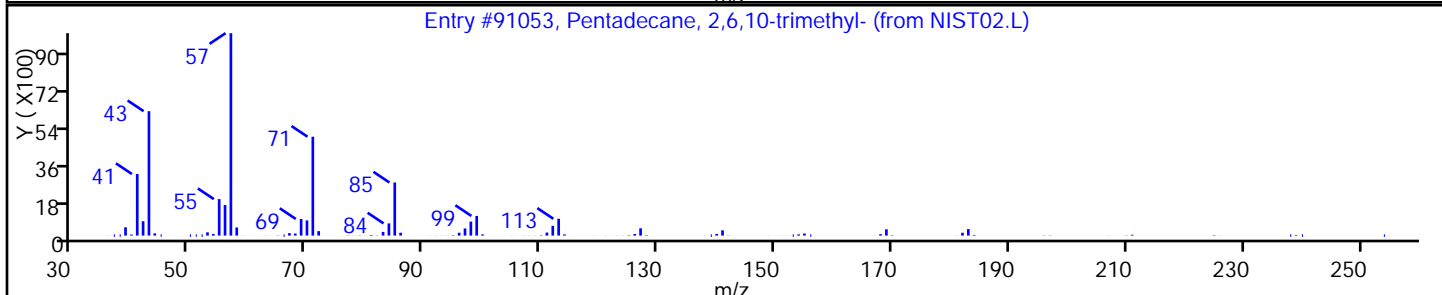
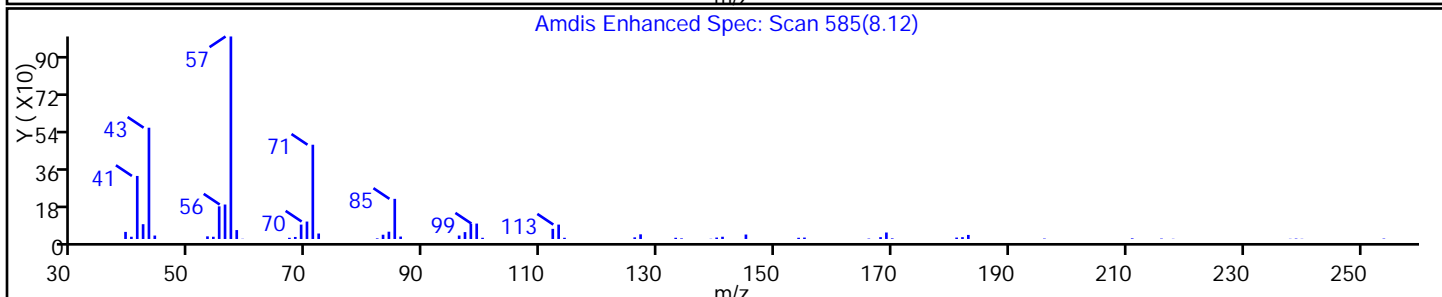
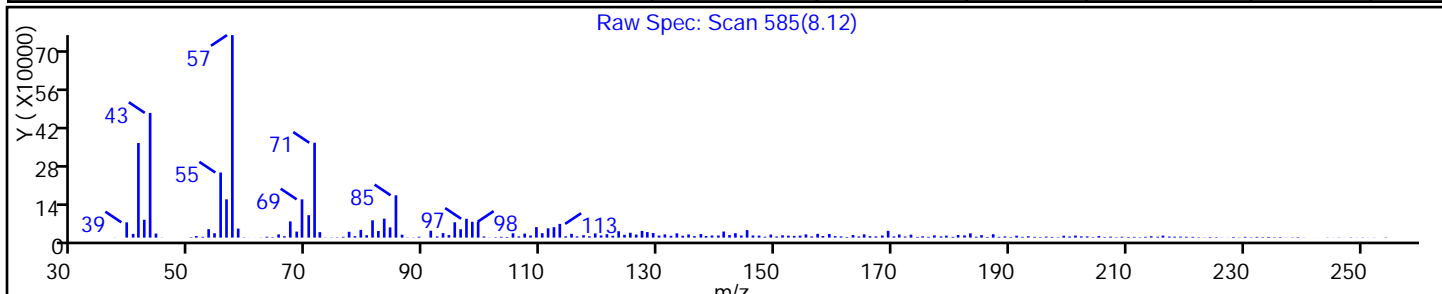
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	87
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	86
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64588	C15H32	212	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

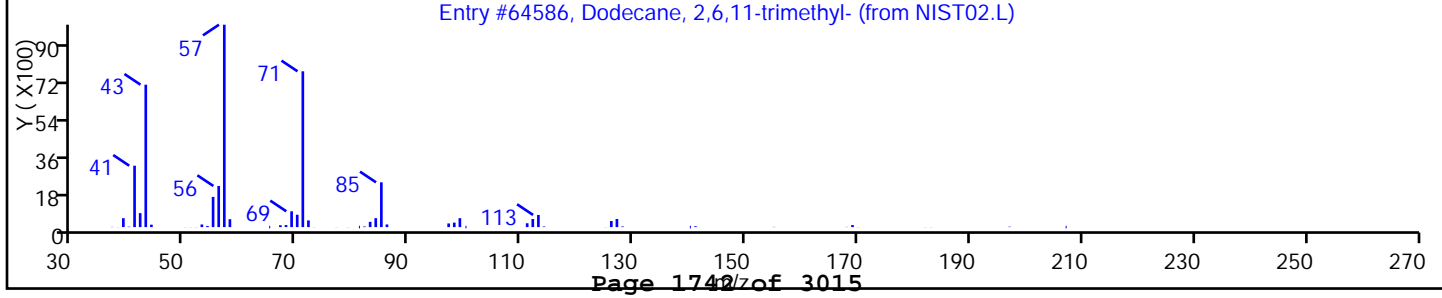
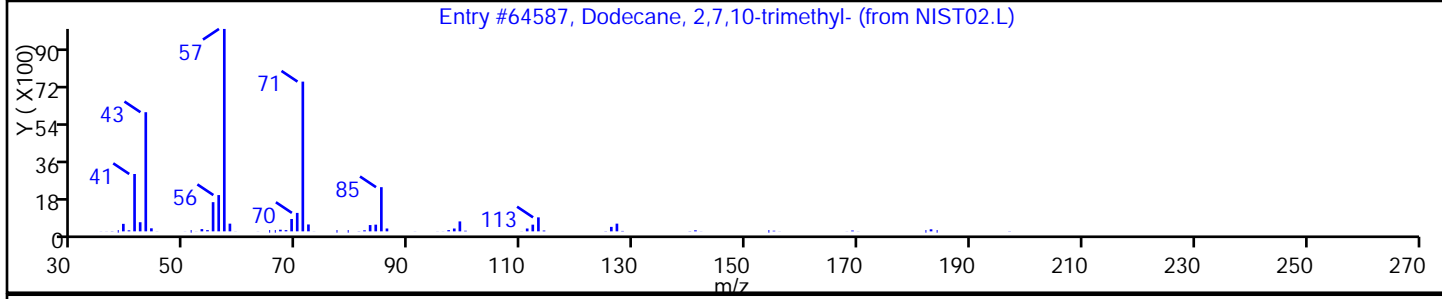
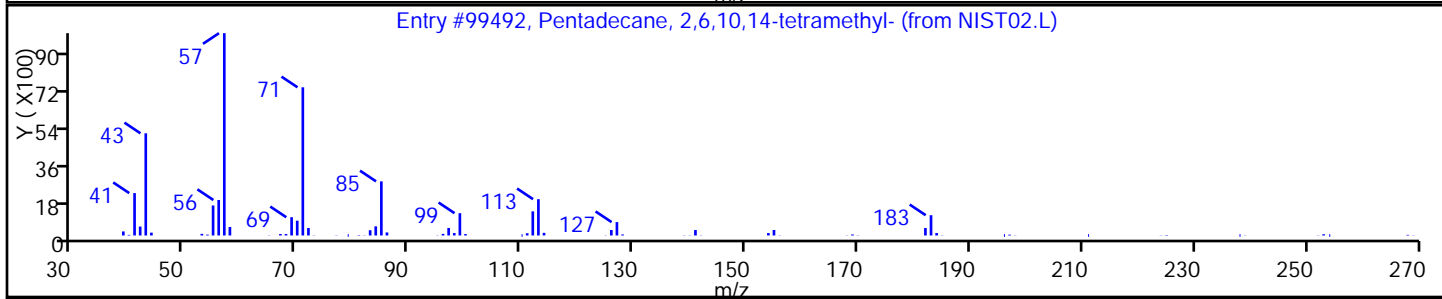
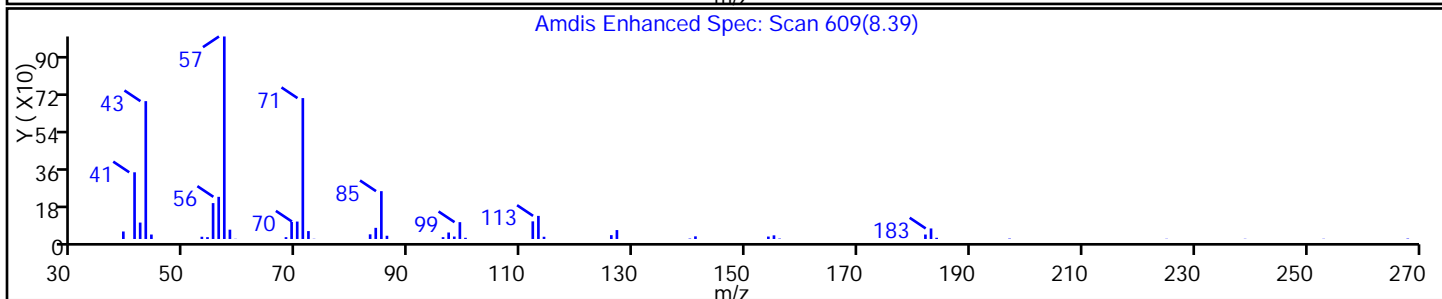
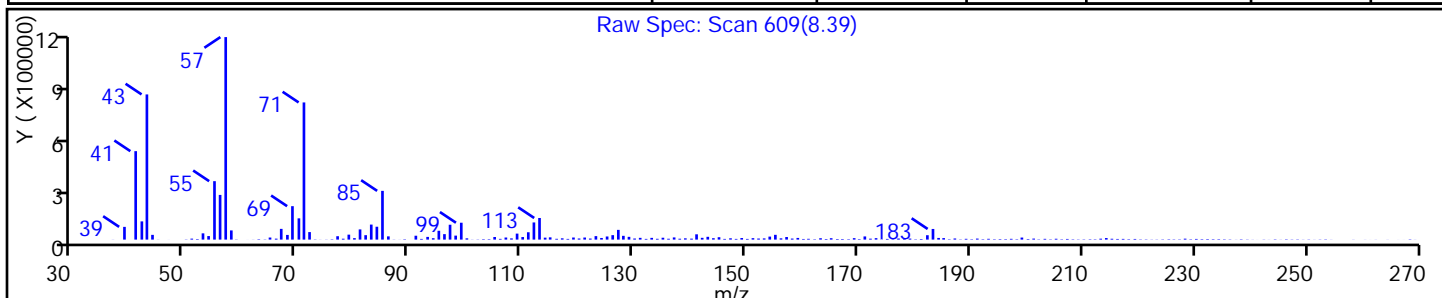
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	96
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	86
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.L	64586	C15H32	212	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

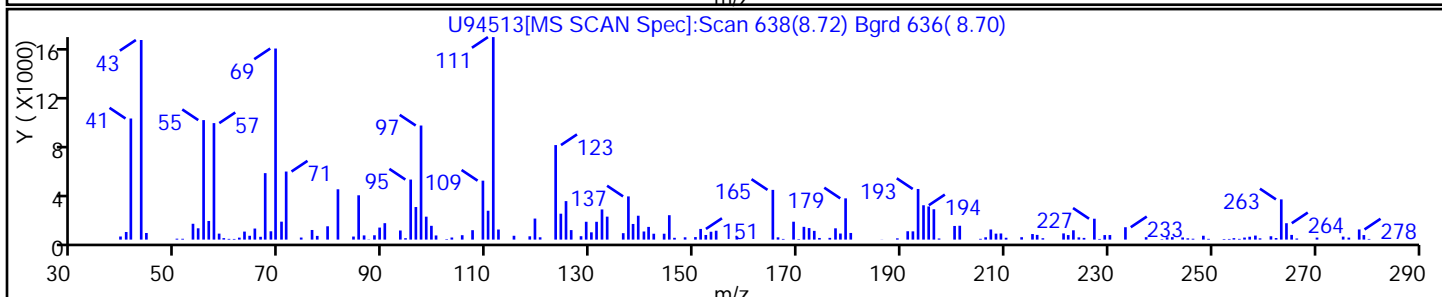
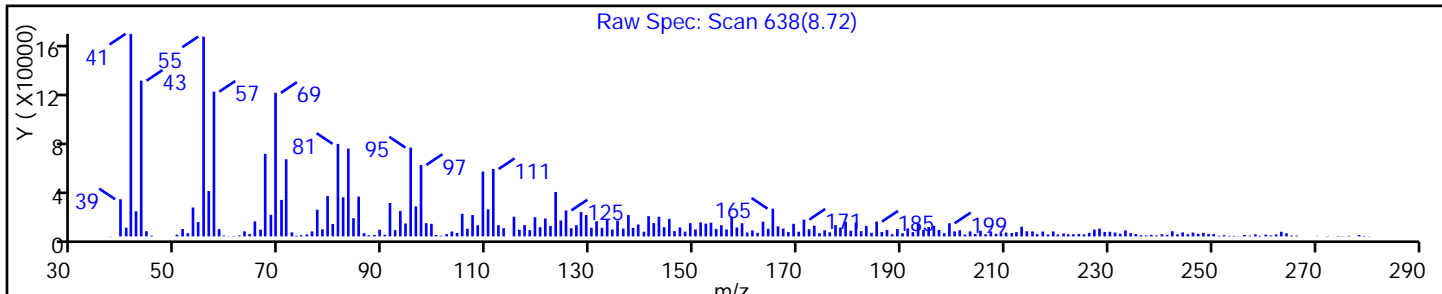
Dil. Factor: 1.0000

Method: 8270_4R

Limit Group: SV 8270 ICAL

Library Matches Found above the Threshold: 80

Detector: MS SCAN



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

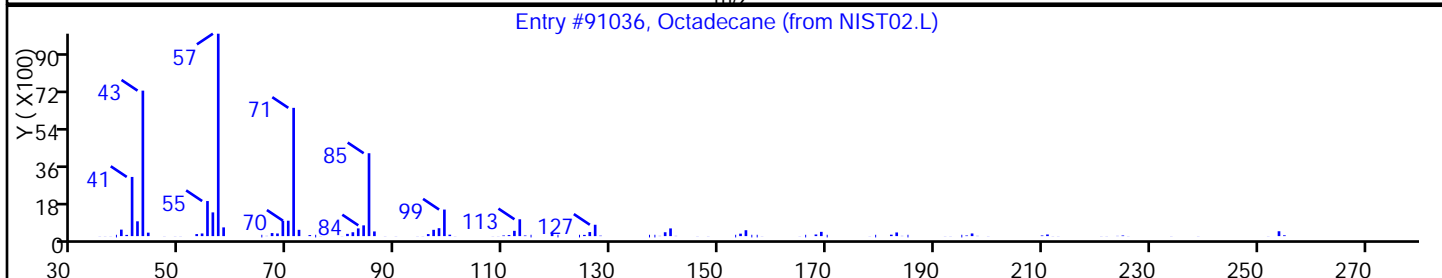
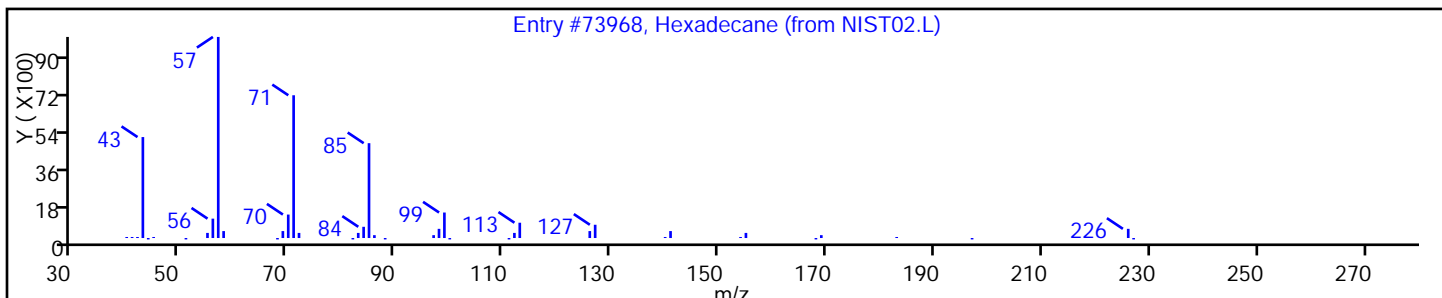
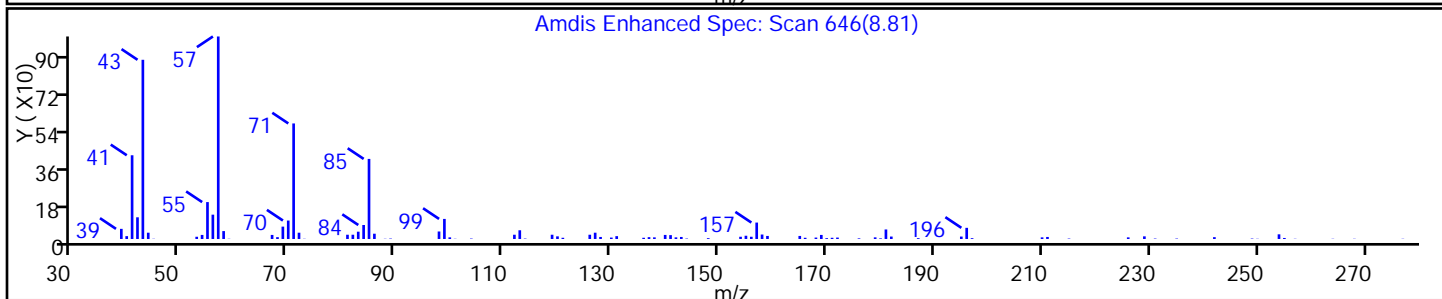
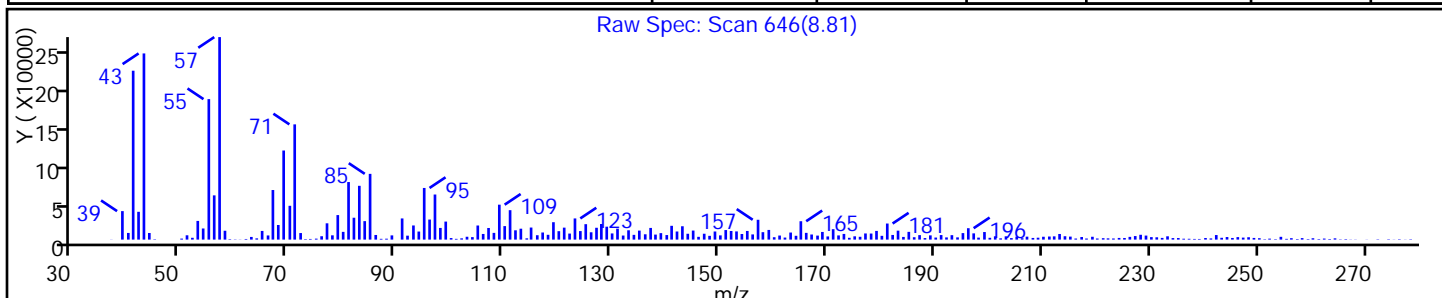
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector: MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Hexadecane	544-76-3	NIST02.L	73968	C16H34	226	94
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	90



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

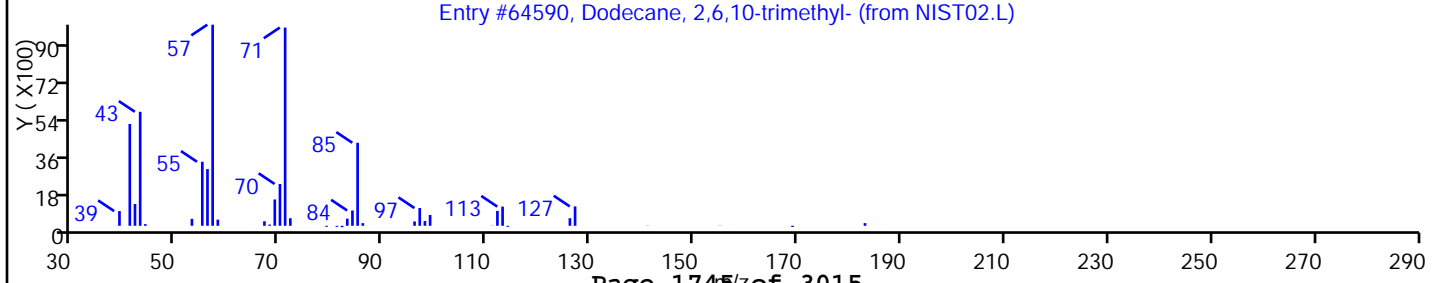
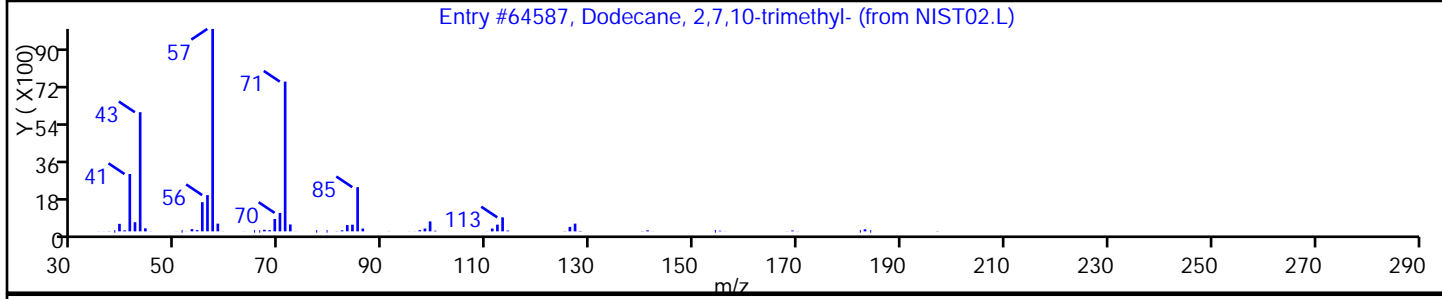
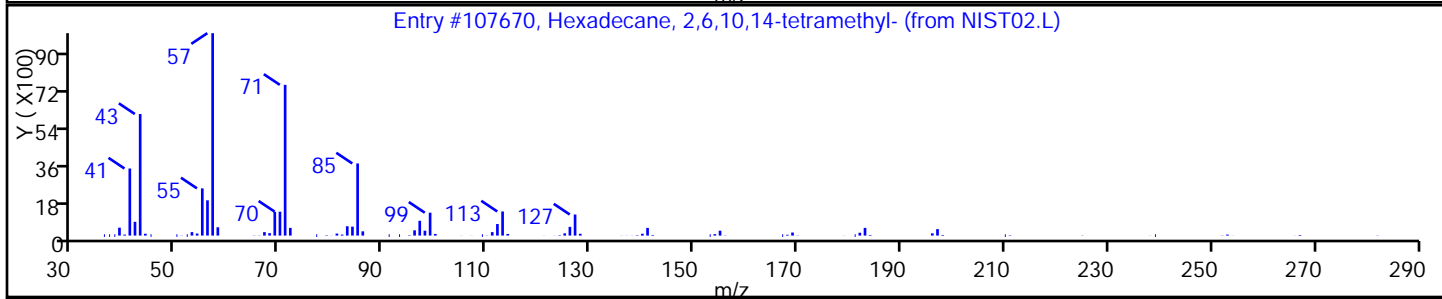
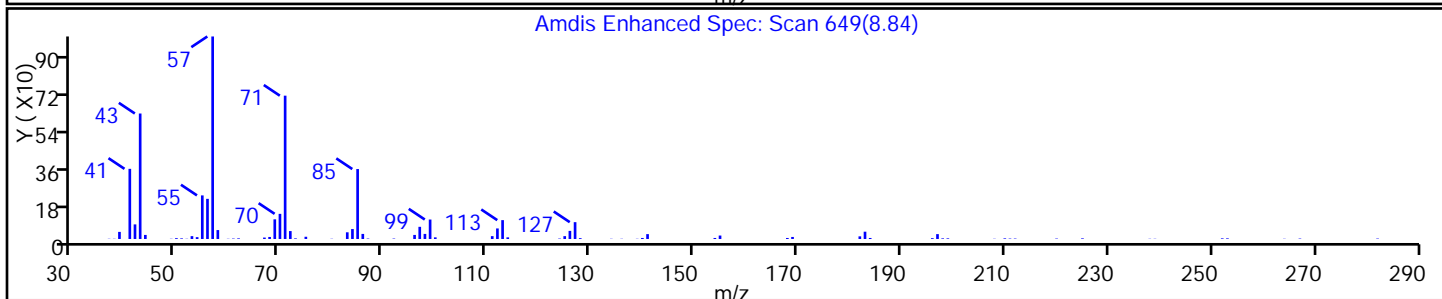
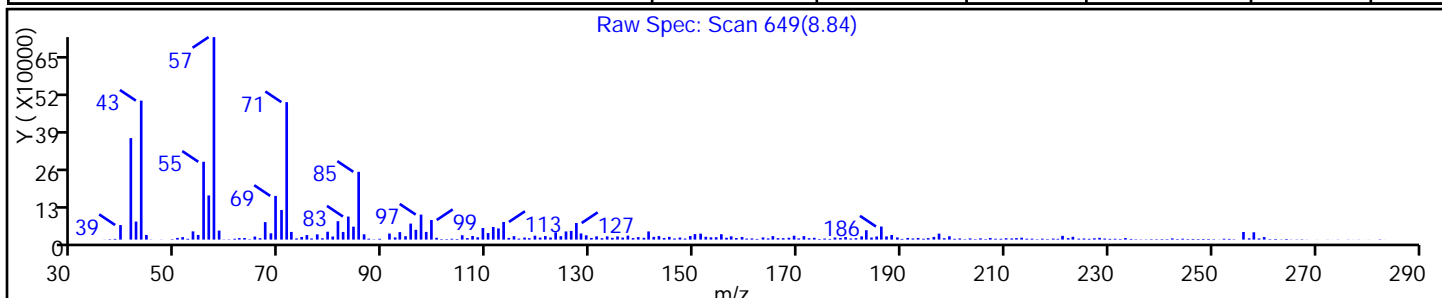
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	96
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.L	64587	C15H32	212	90
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

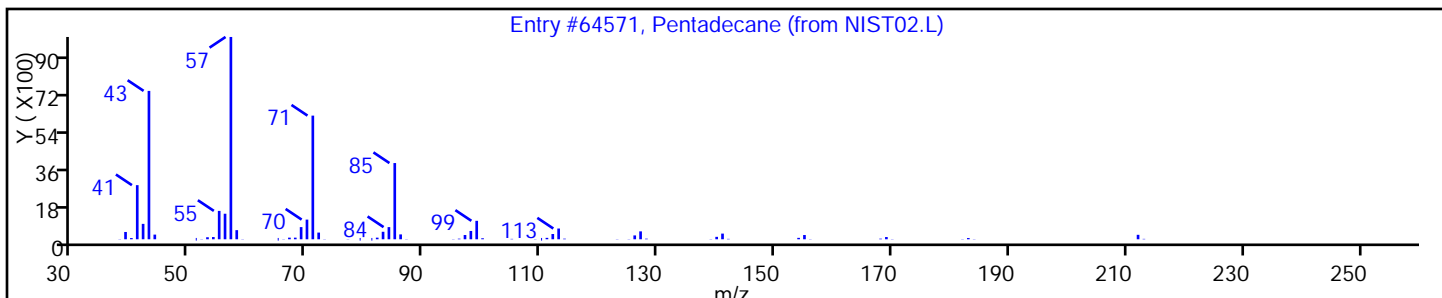
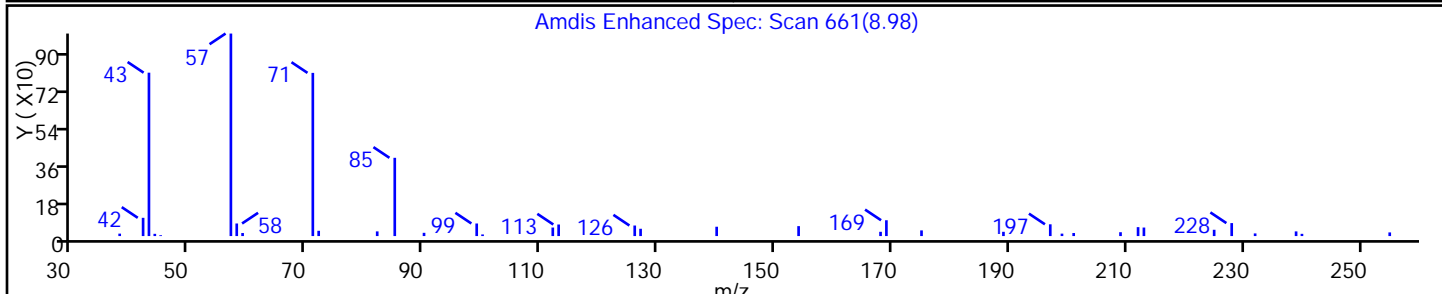
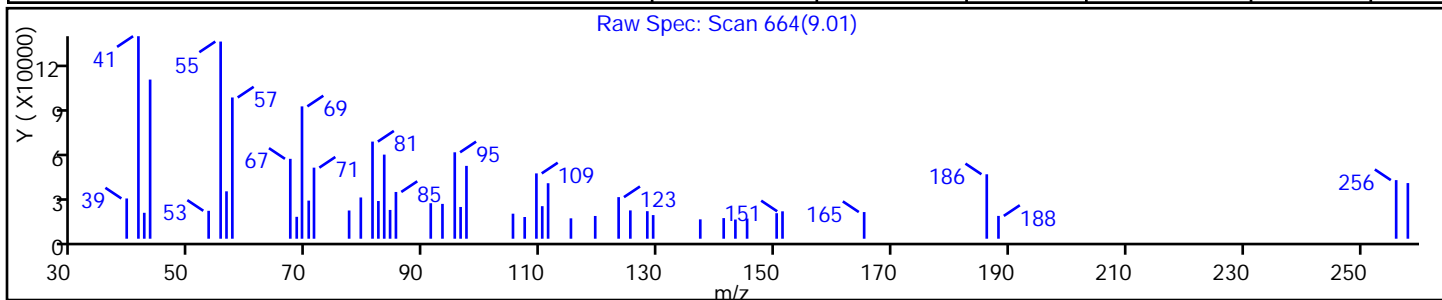
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	80



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

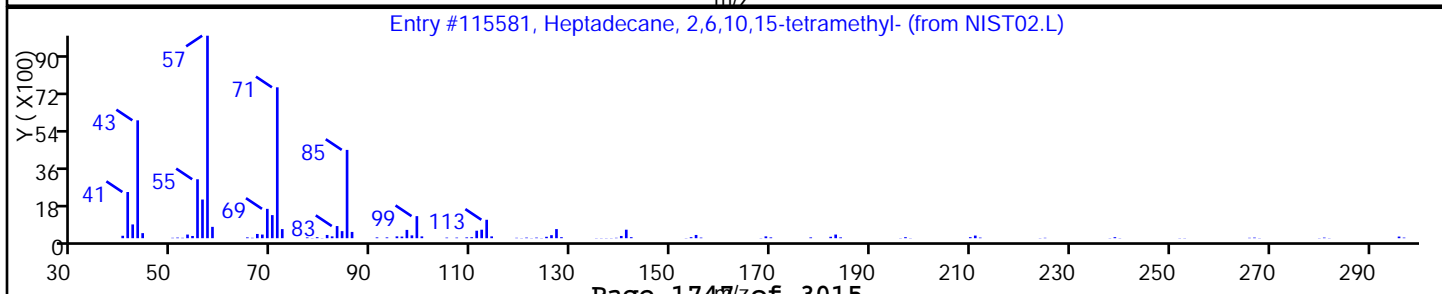
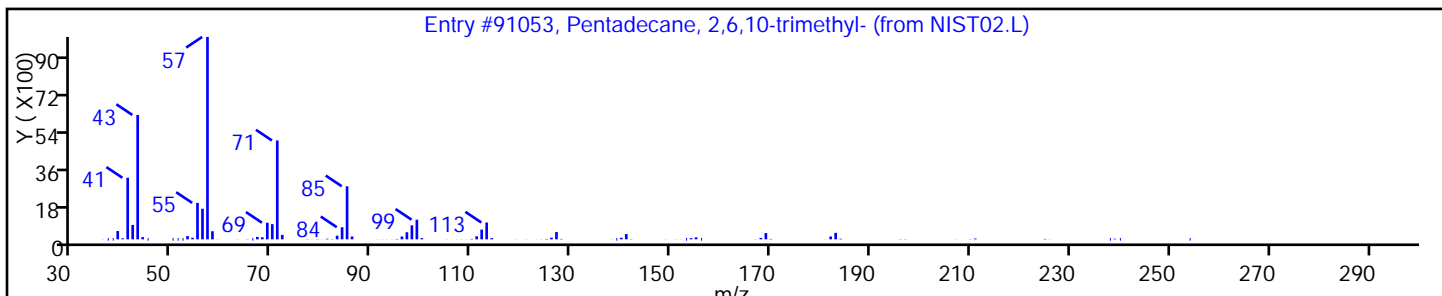
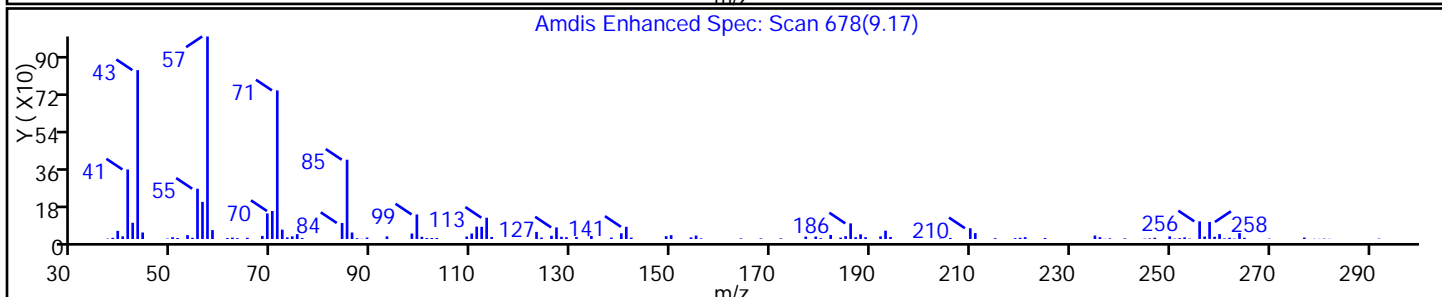
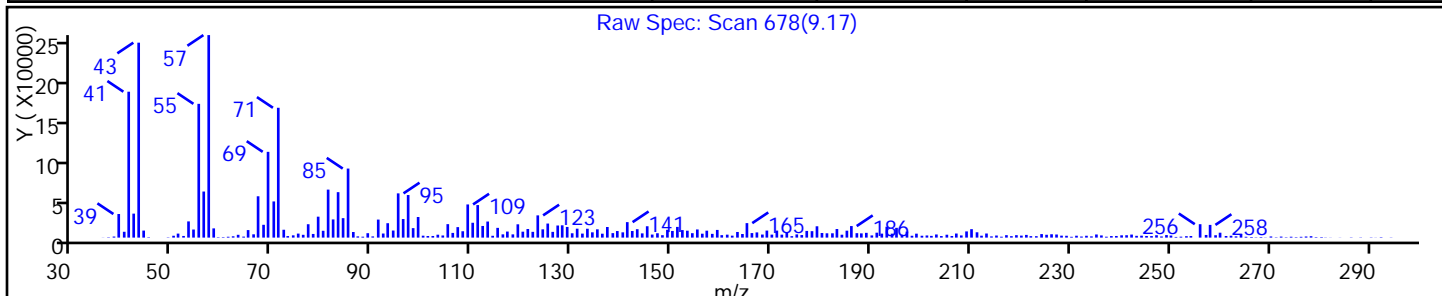
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane		NIST02.L	0		0	0
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	87
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	83



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

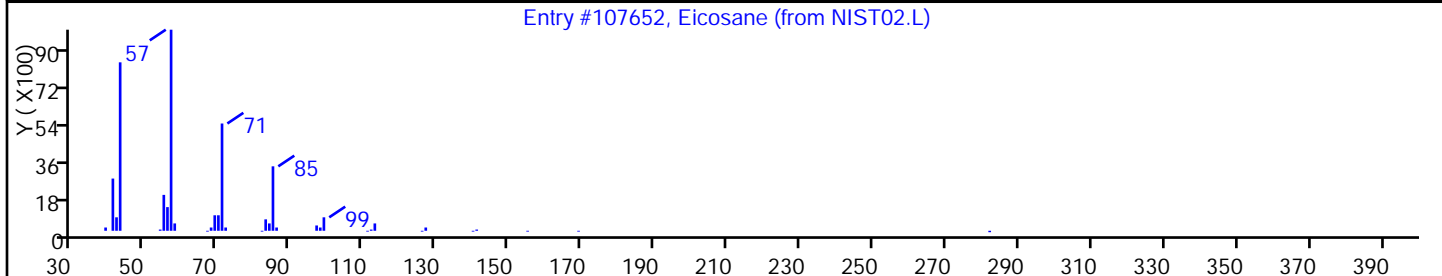
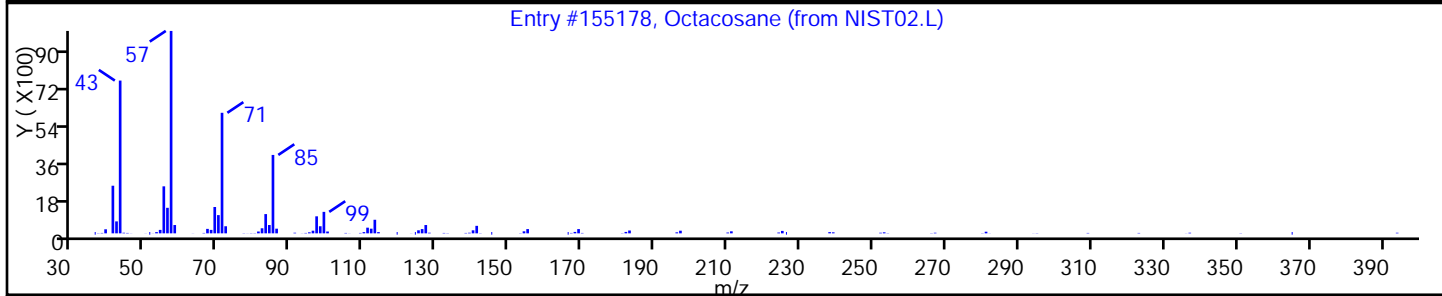
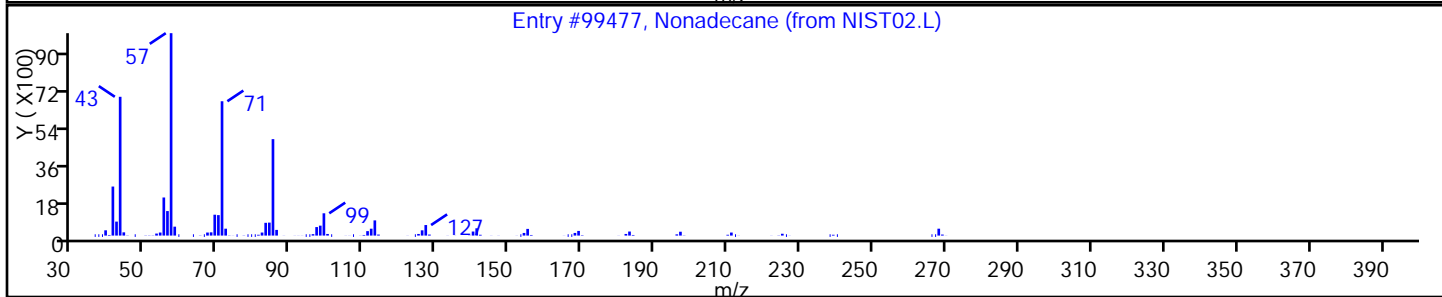
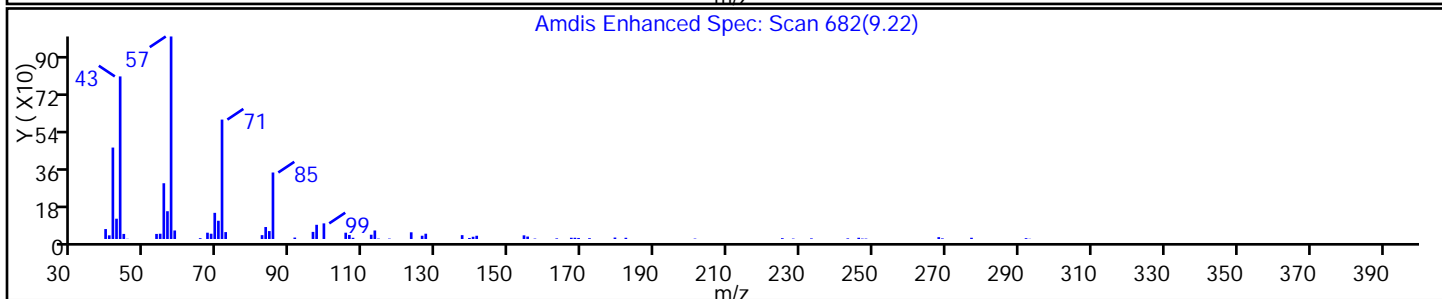
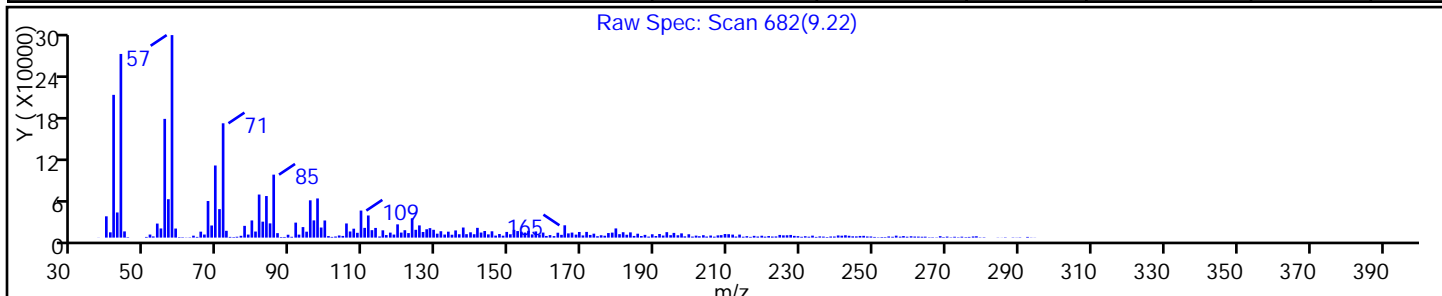
Method: 8270_4R

Limit Group: SV 8270 ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	90
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	90
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	87



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

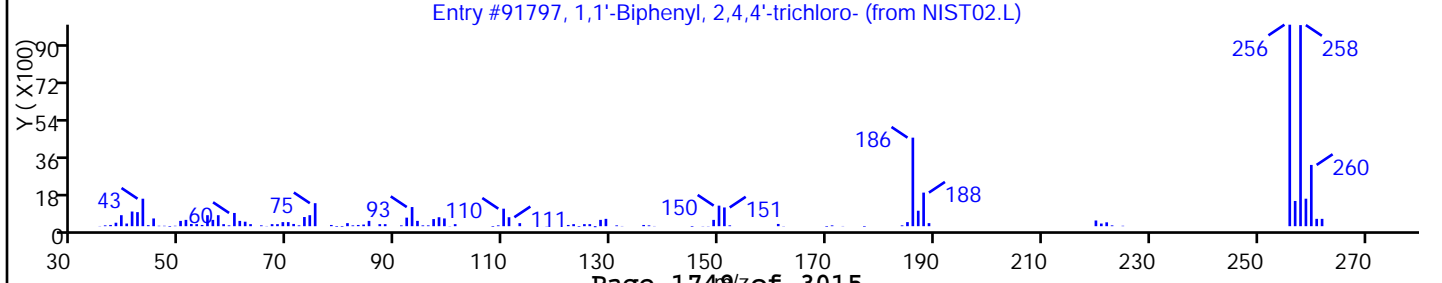
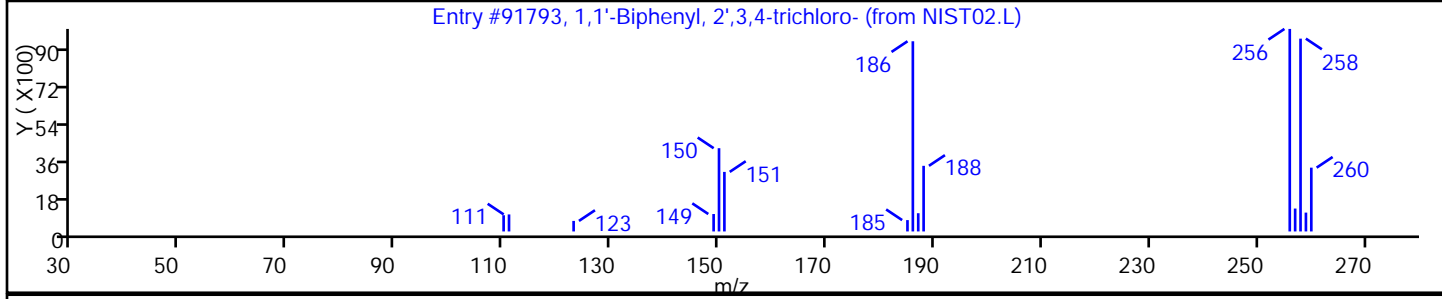
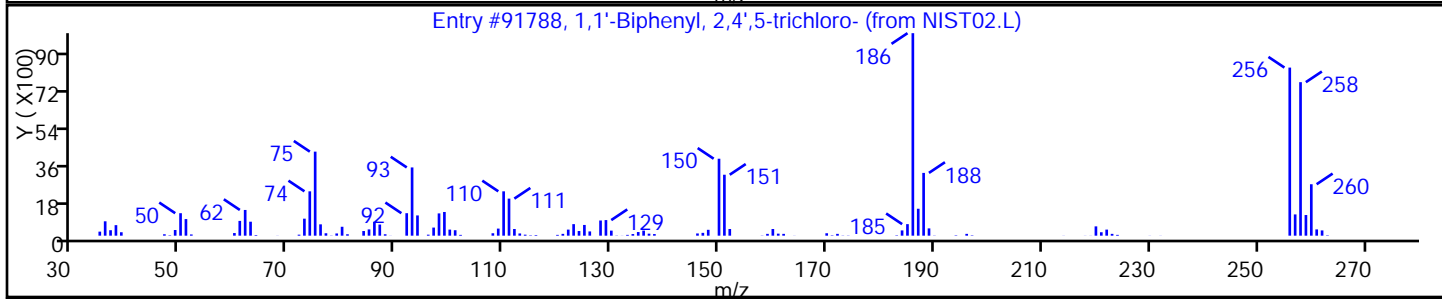
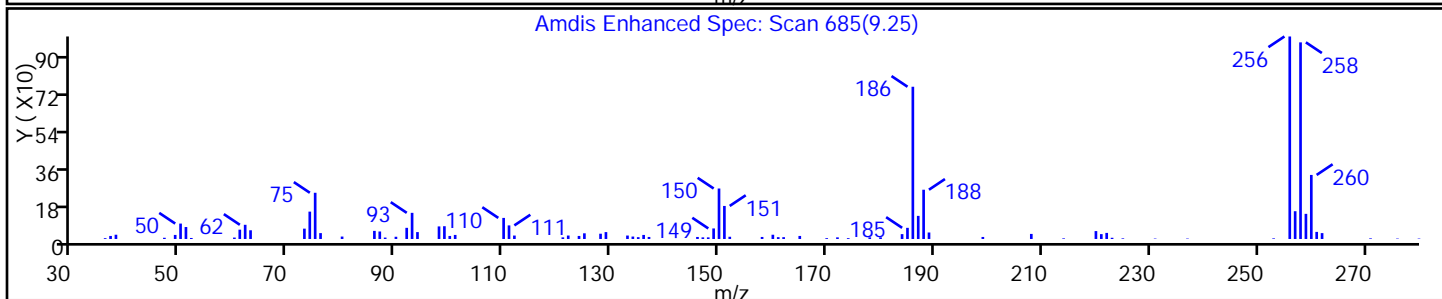
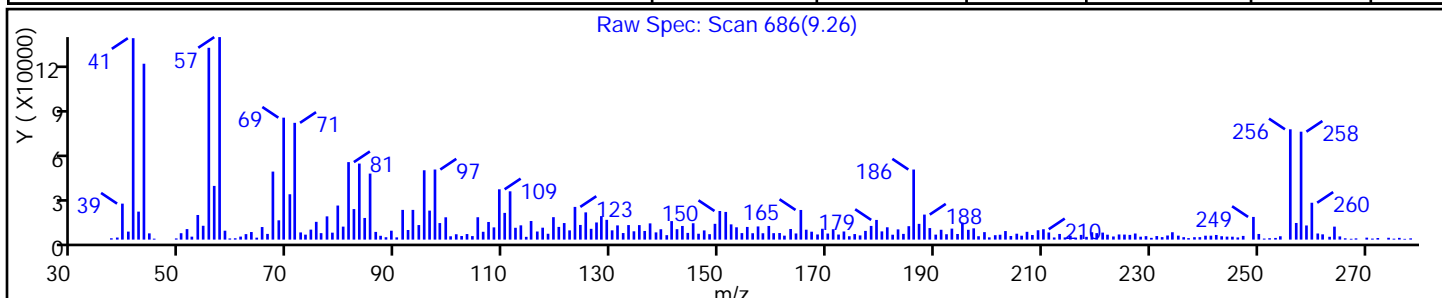
Method: 8270_4R

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	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	97



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94513.D

Injection Date: 13-Mar-2014 11:32:30

Instrument ID: CBNAMS4

Lims ID: 460-72180-E-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

24

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

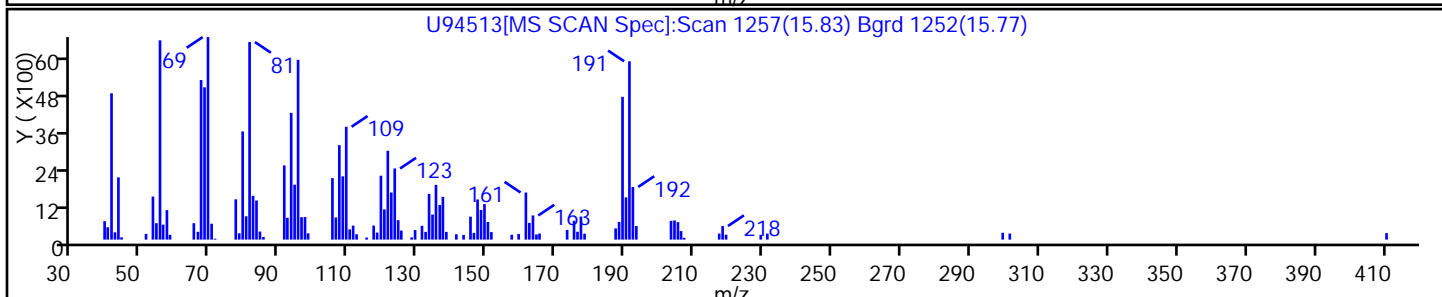
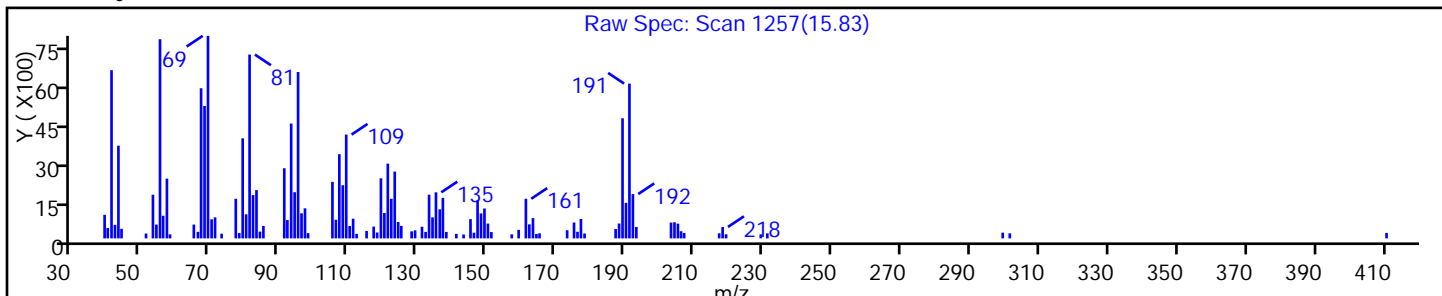
Limit Group:

SV 8270 ICAL

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: z8786.D
 Analysis Method: 8270C Date Collected: 03/07/2014 14:00
 Extract. Method: 3510C Date Extracted: 03/10/2014 09:35
 Sample wt/vol: 980(mL) Date Analyzed: 03/13/2014 06:28
 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: z8786.D
 Analysis Method: 8270C Date Collected: 03/07/2014 14:00
 Extract. Method: 3510C Date Extracted: 03/10/2014 09:35
 Sample wt/vol: 980(mL) Date Analyzed: 03/13/2014 06:28
 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: z8786.D
 Analysis Method: 8270C Date Collected: 03/07/2014 14:00
 Extract. Method: 3510C Date Extracted: 03/10/2014 09:35
 Sample wt/vol: 980 (mL) Date Analyzed: 03/13/2014 06:28
 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	83		46-122
367-12-4	2-Fluorophenol	29		10-65
4165-62-2	Phenol-d5	17		10-48
4165-60-0	Nitrobenzene-d5	82		56-112
321-60-8	2-Fluorobiphenyl	75		53-108
1718-51-0	Terphenyl-d14	77		50-122

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: z8786.D
 Analysis Method: 8270C Date Collected: 03/07/2014 14:00
 Extract. Method: 3510C Date Extracted: 03/10/2014 09:35
 Sample wt/vol: 980 (mL) Date Analyzed: 03/13/2014 06:28
 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	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8786.D
 Lims ID: 460-72180-E-27-A Lab Sample ID: 460-72180-27
 Client ID: FB_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 06:28:30 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010789-014
 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 10:10:23

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.479	2.485	-0.006	95	106345	14.7	
\$ 6 Phenol-d5	99	3.397	3.414	-0.017	69	68742	8.32	
* 13 1,4-Dichlorobenzene-d4	152	3.691	3.697	-0.006	97	225501	40.0	
\$ 25 Nitrobenzene-d5	82	4.261	4.273	-0.012	90	278740	40.9	
* 35 Naphthalene-d8	136	4.985	4.991	-0.006	100	776515	40.0	
\$ 48 2-Fluorobiphenyl	172	6.085	6.091	-0.006	98	483184	37.6	
* 61 Acenaphthene-d10	164	6.738	6.743	-0.005	91	358471	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.514	7.520	-0.006	95	48567	41.4	
* 83 Phenanthrene-d10	188	8.185	8.185	-0.001	98	456801	40.0	
\$ 91 Terphenyl-d14	244	9.755	9.755	0.0	99	235055	38.5	
* 96 Chrysene-d12	240	10.808	10.808	0.0	99	236939	40.0	
* 103 Perylene-d12	264	12.543	12.543	0.0	99	174085	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8786.D

Injection Date: 13-Mar-2014 06:28:30

Instrument ID: CBNAMS11

Operator ID:

Lims ID: 460-72180-E-27-A

Lab Sample ID: 460-72180-27

Worklist Smp#: 14

Client ID: FB_030714

Injection Vol: 1.0 ul

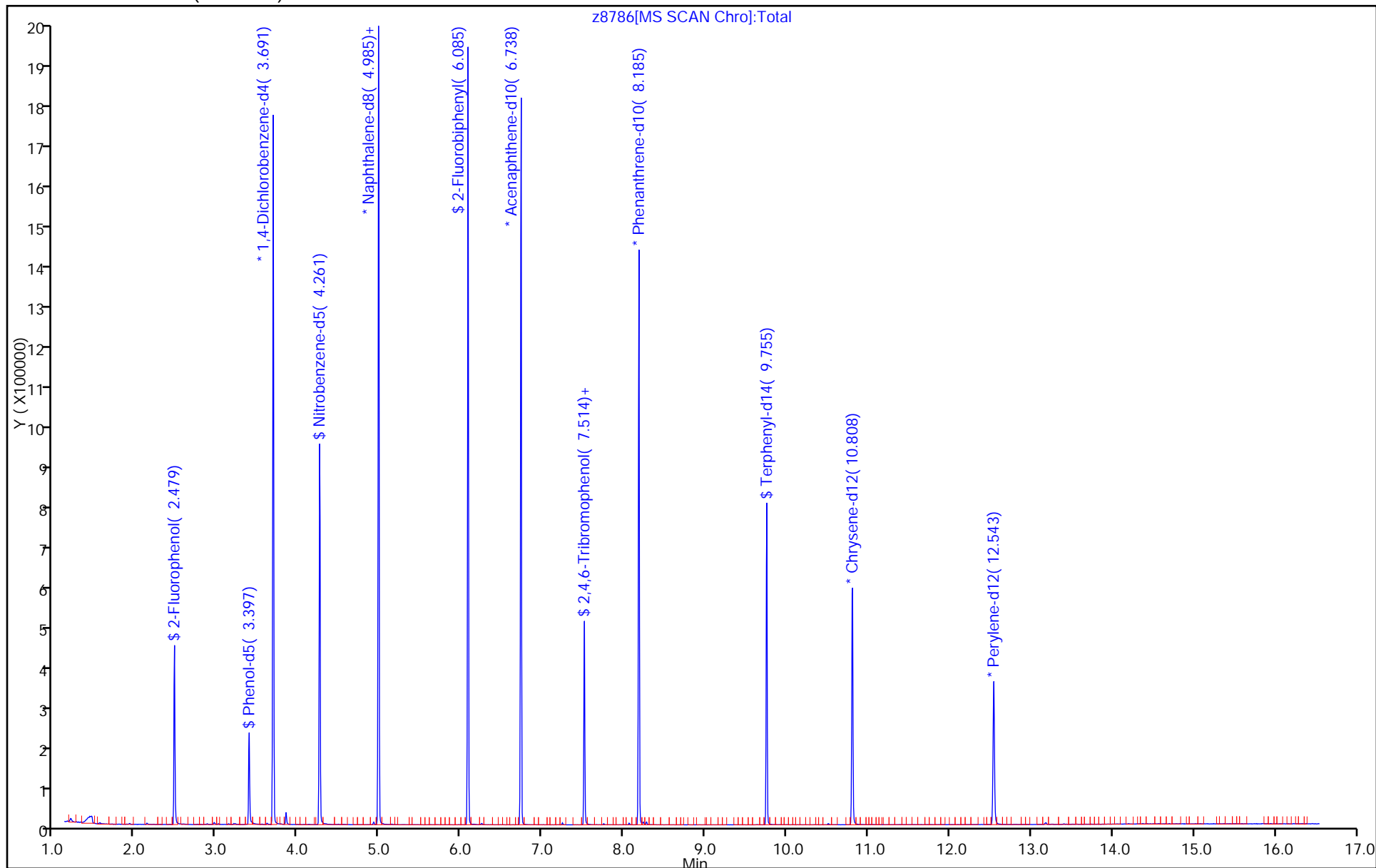
Dil. Factor: 1.0000

ALS Bottle#: 14

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: U94504.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:50
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:11
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: U94504.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:50
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:11
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: U94504.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:50
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:11
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	48		40-106
4165-62-2	Phenol-d5	70		44-104
1718-51-0	Terphenyl-d14	104		41-145
118-79-6	2,4,6-Tribromophenol	76		19-114
367-12-4	2-Fluorophenol	52		39-103
321-60-8	2-Fluorobiphenyl	56		49-112

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: U94504.D
 Analysis Method: 8270C Date Collected: 03/07/2014 11:50
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:11
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212262 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\CBNAMS4\20140313-10792.b\U94504.D
 Lims ID: 460-72180-E-29-A Lab Sample ID: 460-72180-29
 Client ID: PMP-27SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:11:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-015
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 18:47:32 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: XAWRK021

First Level Reviewer: asfawa

Date: 13-Mar-2014 09:09:13

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.125	3.126	-0.001	85	139486	25.8	
\$ 6 Phenol-d5	99	4.043	4.072	-0.029	70	229844	35.2	
* 13 1,4-Dichlorobenzene-d4	152	4.404	4.423	-0.019	96	123687	40.0	
\$ 25 Nitrobenzene-d5	82	4.953	4.984	-0.031	93	164240	23.9	
* 35 Naphthalene-d8	136	5.677	5.696	-0.019	100	557000	40.0	
\$ 48 2-Fluorobiphenyl	172	6.761	6.780	-0.019	98	270337	28.0	
* 61 Acenaphthene-d10	164	7.434	7.444	-0.010	92	282503	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.204	8.223	-0.019	93	41240	38.0	
* 83 Phenanthrene-d10	188	8.892	8.909	-0.017	99	429125	40.0	
\$ 91 Terphenyl-d14	244	10.454	10.464	-0.010	97	272124	51.8	
* 96 Chrysene-d12	240	11.654	11.672	-0.018	99	226451	40.0	
* 103 Perylene-d12	264	13.574	13.590	-0.016	99	164885	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94504.D

Injection Date: 13-Mar-2014 08:11:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-72180-E-29-A

Lab Sample ID: 460-72180-29

Worklist Smp#: 15

Client ID: PMP-27SW-SI

Injection Vol: 1.0 ul

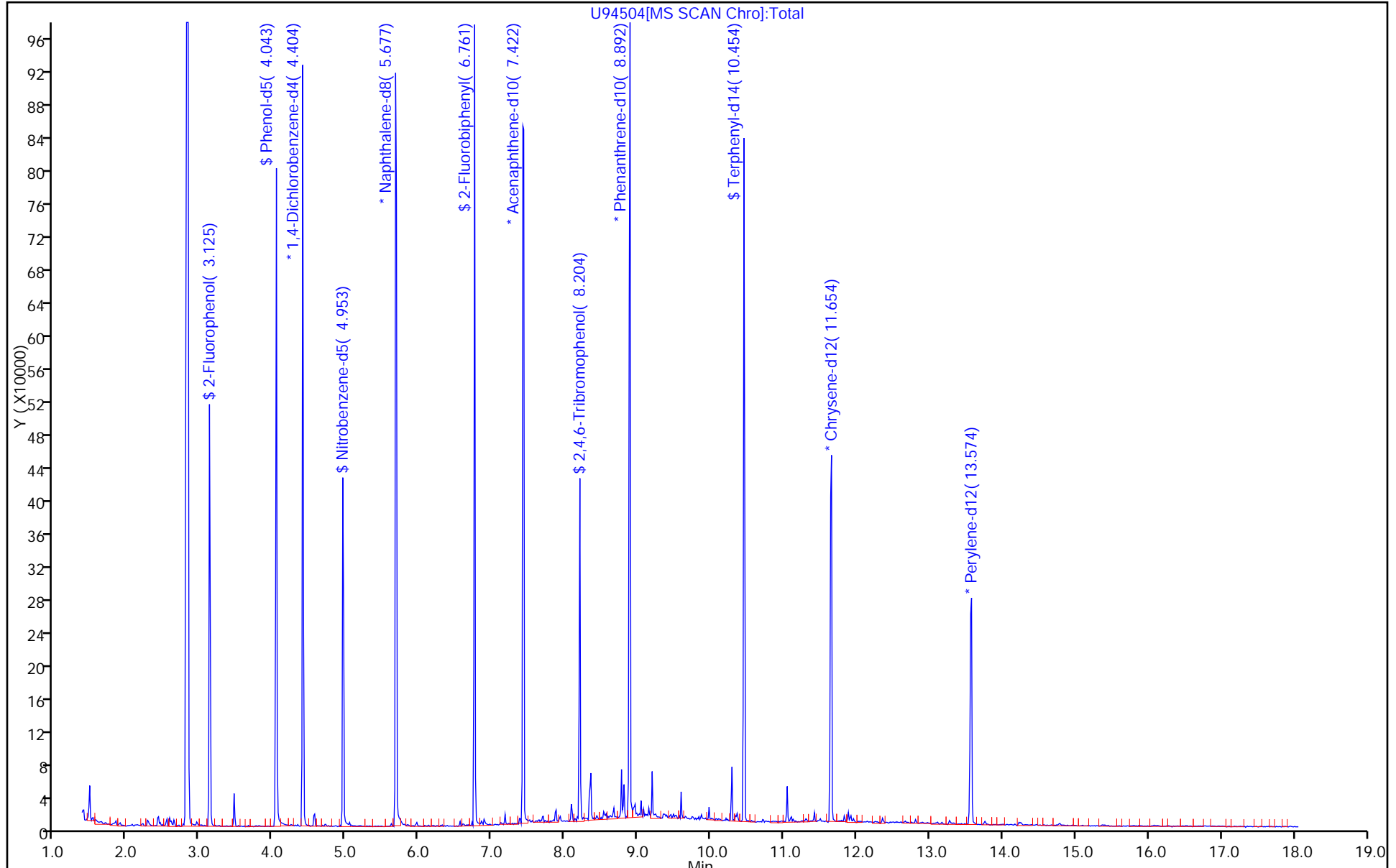
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 Analy Batch No.: 210410
 SDG No.: _____
 Instrument ID: CBNAM511 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Acetophenone			1.3667	1.4880	1.4745	Ave		1.4901			5.0		15.0				
	1.4800	1.5504	1.5808														
N-Nitrosodi-n-propylamine	0.5654	0.6794	0.7377	0.7512	0.7439	Ave		0.7148			0.0500		15.0				
	0.7238	0.7566	0.7602														
3 & 4 Methylphenol			0.9572	0.9958	0.9657	Ave		1.0327			9.7		15.0				
	0.9681	1.1047	1.2046														
4-Methylphenol			0.9543	0.9958	0.9621	Ave		1.0303			9.9		15.0				
	0.9636	1.1011	1.2048														
Hexachloroethane	0.4592	0.4882	0.5000	0.5304	0.5283	Ave		0.5448			14.0		15.0				
	0.5491	0.6183	0.6849														
Nitrobenzene	0.3671	0.3955	0.4700	0.5095	0.5132	Lin2	-0.105	0.5468						0.9910		0.9900	
	0.5514	0.5840	0.6280														
n,n'-Dimethylaniline	1.5531	1.5354	1.6385	1.7098	1.8393	Ave		1.8025			13.0		15.0				
	1.9456	2.0175	2.1805														
Isophorone			0.5014	0.5195	0.5062	Ave		0.5093			1.5		15.0				
	0.5042	0.5066	0.5178														
2-Nitrophenol			0.1517	0.1623	0.1647	Ave		0.1697			7.8		15.0				
	0.1704	0.1818	0.1874														
2,4-Dimethylphenol			0.2364	0.2584	0.2527	Ave		0.2643			7.4		15.0				
	0.2672	0.2800	0.2912														
Bis(2-chloroethoxy)methane			0.2971	0.3262	0.3182	Ave		0.3304			7.0		15.0				
	0.3284	0.3504	0.3618														
2,4-Dichlorophenol			0.2258	0.2496	0.2474	Ave		0.2555			7.8		15.0				
	0.2573	0.2693	0.2835														
1,2,4-Trichlorobenzene	0.2477	0.3023	0.2905	0.3183	0.3033	Ave		0.3133			12.0		15.0				
	0.3318	0.3454	0.3668														
Naphthalene			0.8724	0.9216	0.9167	Ave		0.9817			10.0		15.0				
	0.9858	1.0651	1.1284														
4-Chloroaniline			0.2958	0.3198	0.3119	Ave		0.3256			7.5		15.0				
	0.3157	0.3497	0.3604														
Hexachlorobutadiene			0.1660	0.1885	0.1862	Ave		0.1961			11.0		15.0				
	0.2066	0.2144	0.2296														
Caprolactam			0.0438	0.0396	0.0477	Ave		0.0453			13.0		15.0				
	0.0480	0.0383	0.0544														
4-Chloro-3-methylphenol			0.1887	0.2022	0.2014	Ave		0.2058			5.2		15.0				
	0.2114	0.2116	0.2195														
2-Methylnaphthalene			0.5705	0.5956	0.5912	Ave		0.6233			7.8		15.0				
	0.6226	0.6618	0.6983														
1-Methylnaphthalene			0.5160	0.5342	0.5350	Ave		0.5578			6.7		15.0				
	0.5617	0.5839	0.6162														

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.: 460-72180-1 Analy Batch No.: 210410

SDG No.: _____

Instrument ID: CBNAM511 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	0.2278	0.1595 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	0.2873	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.: 460-72180-1 Analy Batch No.: 210410

SDG No.: _____

Instrument ID: CBNAM511 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.: 460-72180-1 Analy Batch No.: 210410

SDG No.: _____

Instrument ID: CBNAM511 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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 210410

SDG No.: _____

Instrument ID: CBNAM511 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	433598	5501 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.: 460-72180-1 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	191943	2380 14504 243219	28832	51749	50.0	80.0	1.00 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	242127	2167 14319 317096	30590	59308	50.0	80.0	1.00 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.: 460-72180-1 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.: 460-72180-1 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			6353	14837	37256			5.00	10.0	20.0
			102134	185382	271630			50.0	80.0	120		
3,3'-Dichlorobenzidine	CRY	Lin2			8764	21665	44286			5.00	10.0	20.0
			115488	196395	282357			50.0	80.0	120		
Benzo[a]anthracene	CRY	Ave	4090	7758	34630	72910	134572	0.500	1.00	5.00	10.0	20.0
			354758	576115	802368			50.0	80.0	120		
Chrysene	CRY	Ave			32540	65553	122934			5.00	10.0	20.0
			317990	515009	686911			50.0	80.0	120		
Bis(2-ethylhexyl) phthalate	CRY	Ave			19301	41465	78819			5.00	10.0	20.0
			211880	355916	499390			50.0	80.0	120		
Di-n-octyl phthalate	PRY	Ave			25324	58854	117025			5.00	10.0	20.0
			331390	553234	773105			50.0	80.0	120		
Benzo[b]fluoranthene	PRY	Ave	2060	5295	26670	59568	112737	0.500	1.00	5.00	10.0	20.0
			291102	464333	691114			50.0	80.0	120		
Benzo[k]fluoranthene	PRY	Ave	2864	6053	27664	61479	112732	0.500	1.00	5.00	10.0	20.0
			290687	498982	639160			50.0	80.0	120		
Benzo[a]pyrene	PRY	Lin2	1761	3911	23082	52588	100987	0.500	1.00	5.00	10.0	20.0
			261987	430788	591654			50.0	80.0	120		
Indeno[1,2,3-cd]pyrene	PRY	Lin2	1226	3531	20192	43315	85536	0.500	1.00	5.00	10.0	20.0
			226461	384924	554271			50.0	80.0	120		
Dibenz(a,h)anthracene	PRY	Lin2	1461	3442	21070	48120	89495	0.500	1.00	5.00	10.0	20.0
			234046	387267	539354			50.0	80.0	120		
Benzo[g,h,i]perylene	PRY	Ave			22056	46425	89154			5.00	10.0	20.0
			234241	385054	542284			50.0	80.0	120		
2-Fluorophenol	DCB	Ave			49723	105318	198908			5.00	10.0	20.0
			536334	903755	1135104			50.0	80.0	120		
Phenol-d5	DCB	Ave			61049	121100	226562			5.00	10.0	20.0
			574262	1023210	1316427			50.0	80.0	120		
Nitrobenzene-d5	NPT	Ave	4712	10006	55075	109121	197882	0.500	1.00	5.00	10.0	20.0
			459050	788211	983142			50.0	80.0	120		
2-Fluorobiphenyl	ANT	Ave	9635	19054	91667	178613	335631	0.500	1.00	5.00	10.0	20.0
			829573	1381131	1719914			50.0	80.0	120		
2,4,6-Tribromophenol	ANT	Ave			7309	16005	30387			5.00	10.0	20.0
			74760	122169	154101			50.0	80.0	120		
Terphenyl-d14	CRY	Ave	3805	6817	37469	72226	139010	0.500	1.00	5.00	10.0	20.0
			371780	600980	769319			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.: 460-72180-1 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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6																
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.: 460-72180-1 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.: 460-72180-1 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 2	LVL 3	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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Acetophenone			1.4632	1.5468	1.5213	Ave		1.5065			2.4		15.0				
N-Nitrosodi-n-propylamine	0.4689	0.6792	0.7295	0.7485	0.7337	Lin2	-0.126	0.7492		0.0500				0.9970			0.9900
	0.7236	0.7826	0.7008														
3 & 4 Methylphenol			0.9622	1.0447	1.0115	Ave		1.0097			3.1		15.0				
	0.9916	1.0429	1.0055														
4-Methylphenol			0.9622	1.0165	0.9916	Ave		0.9981			2.4		15.0				
	0.9916	1.0311	0.9957														
Hexachloroethane	0.4802	0.5673	0.5528	0.5971	0.5670	Ave		0.5690			7.0		15.0				
	0.5906	0.5973	0.5993														
n,n'-Dimethylaniline	1.7187	1.6770	1.7739	1.7812	1.8645	Ave		1.7913			3.9		15.0				
	1.8061	1.8269	1.8820														
Nitrobenzene	0.3640	0.4170	0.4259	0.4500	0.4505	Ave		0.4329			7.2		15.0				
	0.4467	0.4486	0.4604														
Isophorone			0.4765	0.5040	0.4796	Ave		0.4874			2.9		15.0				
	0.4725	0.5061	0.4856														
2-Nitrophenol			0.1592	0.1771	0.1735	Ave		0.1765			5.5		15.0				
	0.1789	0.1849	0.1855														
2,4-Dimethylphenol			0.2578	0.2781	0.2672	Ave		0.2684			2.6		15.0				
	0.2644	0.2724	0.2703														
Bis(2-chloroethoxy)methane			0.3157	0.3369	0.3176	Ave		0.3275			2.9		15.0				
	0.3249	0.3377	0.3319														
2,4-Dichlorophenol			0.2272	0.2622	0.2527	Ave		0.2533			5.3		15.0				
	0.2544	0.2643	0.2590														
1,2,4-Trichlorobenzene	0.2773	0.3193	0.3093	0.3328	0.3235	Ave		0.3151			5.3		15.0				
	0.3190	0.3202	0.3197														
Naphthalene			0.9248	0.9835	0.9373	Ave		0.9391			2.4		15.0				
	0.9208	0.9401	0.9284														
4-Chloroaniline			0.3501	0.3817	0.3620	Ave		0.3619			3.4		15.0				
	0.3492	0.3683	0.3602														
Hexachlorobutadiene			0.1858	0.1986	0.1942	Ave		0.1929			2.1		15.0				
	0.1916	0.1944	0.1949														
Caprolactam			0.0353	0.0453	0.0532	Lin2	-0.140	0.0617						0.9970			0.9900
	0.0556	0.0630	0.0630														
4-Chloro-3-methylphenol			0.1936	0.2243	0.2136	Ave		0.2171			6.6		15.0				
	0.2124	0.2364	0.2221														
2-Methylnaphthalene			0.6057	0.6306	0.6062	Ave		0.6105			2.1		15.0				
	0.5969	0.6218	0.6019														
1-Methylnaphthalene			0.5553	0.5852	0.5524	Ave		0.5636			2.6		15.0				
	0.5514	0.5796	0.5576														

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.: 460-72180-1 Analy Batch No.: 210846

SDG No.: _____

Instrument ID: CBNAM512 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	0.2751	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.: 460-72180-1 Analy Batch No.: 210846

SDG No.: _____

Instrument ID: CBNAM512 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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2,4,6-Tribromophenol			0.1639	0.1813	0.1835	Ave		0.1923			10.0		15.0				
	0.2022	0.2143	0.2087														
Terphenyl-d14	0.8549	0.8780	0.8889	0.8702	0.8554	Ave		0.8508			4.9		15.0				
	0.8428	0.8622	0.7541														

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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 210846

SDG No.: _____

Instrument ID: CBNAM12 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 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
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	121492	2005 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.: 460-72180-1 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	85868	1162 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	108274	1366 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.: 460-72180-1 Analy Batch No.: 210846

SDG No.: _____

Instrument ID: CBNAM512 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			26839 464696	54189	96715			5.00 120	10.0	20.0
4-Chlorophenyl phenyl ether	ANT	Ave	223038	376763	13039 217843	26161	45933	50.0	80.0	5.00 120	10.0	20.0
4-Nitroaniline	ANT	Ave	108351	178090	3909 101179	10054	17888	50.0	80.0	5.00 120	10.0	20.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	44662	78939	2631 146208	9928	20188	50.0	80.0	10.0 240	20.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	59222	115009	17200 310995	32922	65397	50.0	80.0	5.00 120	10.0	20.0
1,2-Diphenylhydrazine	PHN	Ave	149491	247096	23884 435338	49002	87036	50.0	80.0	5.00 120	10.0	20.0
4-Bromophenyl phenyl ether	PHN	Ave	212001	351080	7254 133096	14971	26948	50.0	80.0	5.00 120	10.0	20.0
Hexachlorobenzene	PHN	Ave	63492	109904	935 151719	17522	31088	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Atrazine	PHN	Ave	72782	125981	5589 106832	12023	22337	50.0	80.0	5.00 120	10.0	20.0
Pentachlorophenol	PHN	Lin2	49111	87998	3926 156041	11679	22840	50.0	80.0	10.0 240	20.0	40.0
Pentachloronitrobenzene	PHN	Ave	62818	123458	2877 62047	5953	11336	50.0	80.0	5.00 120	10.0	20.0
n-Octadecane	PHN	Ave	27498	47670	18176 346576	37954	67109	50.0	80.0	5.00 120	10.0	20.0
Phenanthrene	PHN	Ave	167611	290653	34510 611686	70866	123136	50.0	80.0	5.00 120	10.0	20.0
Anthracene	PHN	Ave	289292	498743	34292 636104	72280	126285	50.0	80.0	5.00 120	10.0	20.0
Carbazole	PHN	Ave	294672	509881	26411 525092	58764	104077	50.0	80.0	5.00 120	10.0	20.0
Di-n-butyl phthalate	PHN	Ave	241461	422449	35466 698918	78713	134425	50.0	80.0	5.00 120	10.0	20.0
Fluoranthene	PHN	Ave	320453	581378	30084 618171	68080	117350	50.0	80.0	5.00 120	10.0	20.0
Benzidine	PHN	Ave	269479	485627	10933 249934	24378	45191	50.0	80.0	5.00 120	10.0	20.0
Pyrene	CRY	Ave	94775	170857	31292 630300	68360	116276	50.0	80.0	5.00 120	10.0	20.0
Butyl benzyl phthalate	CRY	Ave	275081	487238	12558 302206	29795	50682	50.0	80.0	5.00 120	10.0	20.0
2,3,7,8-TCDD (Screen)	CRY	Ave	122442	222501				0.500				
			304									

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 210846

SDG No.: _____

Instrument ID: CBNAM512 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			8218 285518	18461	37896	50.0	80.0	5.00 120	10.0	20.0
3,3'-Dichlorobenzidine	CRY	Ave	106292	186299	9087 253760	20333	39288	50.0	80.0	5.00 120	10.0	20.0
Benzo[a]anthracene	CRY	Ave	96228	170472	3475 624616	61544	102140	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Chrysene	CRY	Ave	245042	441787	23560 568566	54242	95272	50.0	80.0	5.00 120	10.0	20.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	232447	413685	18144 431429	42202	71409	50.0	80.0	5.00 120	10.0	20.0
Di-n-octyl phthalate	PRY	Ave	173341	312599	27207 757840	65564	113703	50.0	80.0	5.00 120	10.0	20.0
Benzo[b]fluoranthene	PRY	Ave	290696	531751	2365 690545	54273	96485	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[k]fluoranthene	PRY	Ave	249929	454600	2569 729042	57132	99752	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[a]pyrene	PRY	Ave	276132	484345	2185 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	255167	456514	2943 826205	55472	105466	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenz(a,h)anthracene	PRY	Ave	301912	526049	2590 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	299098	509147	26576 803625	59301	113490	50.0	80.0	5.00 120	10.0	20.0
2-Fluorophenol	DCB	Ave	310273	523105	14029 275012	29898	55341	50.0	80.0	5.00 120	10.0	20.0
Phenol-d5	DCB	Ave	143337	202415	17627 311552	35470	64393	50.0	80.0	5.00 120	10.0	20.0
Nitrobenzene-d5	NPT	Ave	163382	229384	1366 269790	30069	55701	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Fluorobiphenyl	ANT	Ave	137793	206889	3024 506734	60163	107614	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2,4,6-Tribromophenol	ANT	Ave	265743	417410	3861 80725	8003	15054	50.0	80.0	5.00 120	10.0	20.0
Terphenyl-d14	CRY	Ave	38669	66879	2391 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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6																
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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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	0.2892	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	0.3929	0.2783 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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
2,4,6-Tribromophenol			0.1358	0.1475	0.1512	Ave		0.1537			8.4		15.0				
Terphenyl-d14	0.1505	0.1697	0.1678														
	0.9899	1.0206	0.8905	0.9783	0.9742	Ave		0.9287			7.7		15.0				
	0.8946	0.8617	0.8197														

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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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	204347	2828 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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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			43849 664761	77508	150011			5.00 120	10.0	20.0
2,4,6-Trichlorophenol	ANT	Ave	344191	463232	14664 252959	30964	58860	50.0	80.0	5.00 120	10.0	20.0
2,4,5-Trichlorophenol	ANT	Ave	125453	170997	18363 231555	33960	53356	50.0	80.0	5.00 120	10.0	20.0
Diphenyl	ANT	Ave	117844	185542	69143 1044876	133370	214862	50.0	80.0	5.00 120	10.0	20.0
2-Chloronaphthalene	ANT	Ave	566040	736087	55201 792958	97256	183786	50.0	80.0	5.00 120	10.0	20.0
Diphenyl ether	ANT	Ave	396895	557487	37856 575757	70676	125699	50.0	80.0	5.00 120	10.0	20.0
2-Nitroaniline	ANT	Ave	280334	372035	29958 454179	61748	106227	50.0	80.0	5.00 120	10.0	20.0
Dimethylnaphthalene, total	ANT	Ave	222061	328061	41912 638690	75085	139935	50.0	80.0	5.00 120	10.0	20.0
Dimethyl phthalate	ANT	Ave	315643	449506	59300 827196	104460	197389	50.0	80.0	5.00 120	10.0	20.0
Coumarin	NPT	Ave	378512	569030	18663 264433	32928	59895	50.0	80.0	5.00 120	10.0	20.0
2,6-Dinitrotoluene	ANT	Ave	132048	177240	2905 13464	26153	45729	50.0	1.00 80.0	5.00 120	10.0	20.0
Acenaphthylene	ANT	Ave	105259	136147	74950 1120479	150907	253277	50.0	80.0	5.00 120	10.0	20.0
3-Nitroaniline	ANT	Ave	572277	769424	15329 223000	30137	51252	50.0	80.0	5.00 120	10.0	20.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	104850	153680	32819 542485	58480	118849	50.0	80.0	5.00 120	10.0	20.0
Acenaphthene	ANT	Ave	270182	367492	50028 716874	98646	166252	50.0	80.0	5.00 120	10.0	20.0
2,4-Dinitrophenol	ANT	Lin1	392684	545839	8107 272254	20601	43443	100	160	10.0 240	20.0	40.0
4-Nitrophenol	ANT	Ave	110859	174933	27402 478487	53962	102198	100	160	10.0 240	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	213398	316442	2880 243610	32882	57392	50.0	1.00 80.0	5.00 120	10.0	20.0
Dibenzofuran	ANT	Ave	128576	184973	76848 1063915	140636	229378	50.0	80.0	5.00 120	10.0	20.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	480159	722991	9961 182509	20238	37651	50.0	80.0	5.00 120	10.0	20.0
Diethyl phthalate	ANT	Ave	89212	121059	56649 812698	111950	185705	50.0	80.0	5.00 120	10.0	20.0
			393930	586247				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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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			17796 337473	36372	59606			5.00 120	10.0	20.0	
Fluorene	ANT	Ave	143754	213863	54034 818607	100047	173569	50.0	80.0	5.00 120	10.0	20.0	
4-Nitroaniline	ANT	Ave	381292	572846	12032 168040	23681	42404	50.0	80.0	5.00 120	10.0	20.0	
4,6-Dinitro-2-methylphenol	PHN	Lin2	99064	131433	10575 229419	24437	47561	50.0	80.0	10.0 240	20.0	40.0	
N-Nitrosodiphenylamine	PHN	Ave	120125	160848	35779 575547	67402	126643	50.0	80.0	5.00 120	10.0	20.0	
1,2-Diphenylhydrazine	PHN	Ave	271793	397816	87348 1175893	163548	265985	50.0	80.0	5.00 120	10.0	20.0	
4-Bromophenyl phenyl ether	PHN	Ave	540271	800093	11475 189049	20949	35603	50.0	80.0	5.00 120	10.0	20.0	
Hexachlorobenzene	PHN	Ave	85885	123625	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.: 460-72180-1 Analy Batch No.: 209495

SDG No.: _____

Instrument ID: CBNAM54 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			12544 ++++	24536	51963	50.0	80.0	5.00 ++++	10.0	20.0
3,3'-Dichlorobenzidine	CRY	Ave	116244	202676	10543 271013	21685	40702	50.0	80.0	5.00 120	10.0	20.0
Benzo[a]anthracene	CRY	Ave	111536	159803	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	3672 257823	6585 375049	38255 581766	68906	123401	50.0	80.0	5.00 120	10.0	20.0
Chrysene	CRY	Ave	296092	404575	27264 486019	45285	86082	50.0	80.0	5.00 120	10.0	20.0
Di-n-octyl phthalate	PRY	Ave	209498	334062	55609 1065895	105017	188644	50.0	80.0	5.00 120	10.0	20.0
Benzo[b]fluoranthene	PRY	Ave	477274	712846	26806 787142	46543	84530	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[k]fluoranthene	PRY	Ave	2332 242554	4689 385767	24999 615645	51404	92409	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
Benzo[a]pyrene	PRY	Ave	2459 232929	5751 387497	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	1936 226220	4238 373728	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	1606 242137	3694 452776	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	1486 213099	3145 394761	18998 740022	40743	74801	50.0	80.0	5.00 120	10.0	20.0
2-Fluorophenol	DCB	Ave	222039	416678	41682 919073	85082	159317	50.0	80.0	5.00 120	10.0	20.0
Phenol-d5	DCB	Ave	441793	647370	52417 983116	110341	212960	50.0	80.0	5.00 120	10.0	20.0
Nitrobenzene-d5	NPT	Ave	523683	724863	4765 853225	101346	193765	0.500 50.0	1.00 80.0	5.00 120	10.0	20.0
2-Fluorobiphenyl	ANT	Ave	450517	652951	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	6846 471013	13828 725339	6355 115746	13339	24072	50.0	80.0	5.00 120	10.0	20.0
Terphenyl-d14	CRY	Ave	54535	79876	3278 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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6																
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.: 460-72180-1 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 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6					LVL 6				
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 VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212016/4 Calibration Date: 03/12/2014 07:00
 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: L1147886.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	0.4721		51700	50000	3.4	20.0
N-Nitrosodimethylamine	Ave	0.5898	0.6329		53700	50000	7.3	20.0
Pyridine	Ave	1.019	1.076		52800	50000	5.6	20.0
Aniline	Ave	1.663	1.641		49400	50000	-1.3	20.0
Phenol	Ave	1.461	1.449		49600	50000	-0.8	20.0
Bis(2-chloroethyl)ether	Ave	1.061	1.069		50400	50000	0.8	20.0
2-Chlorophenol	Ave	1.268	1.255		49500	50000	-1.0	20.0
Decane	Ave	1.916	2.022		52800	50000	5.5	20.0
1,3-Dichlorobenzene	Ave	1.497	1.495		49900	50000	-0.2	20.0
1,4-Dichlorobenzene	Ave	1.516	1.498		49400	50000	-1.2	20.0
Benzyl alcohol	Ave	0.6944	0.6678		48100	50000	-3.8	20.0
1,2-Dichlorobenzene	Ave	1.411	1.393		49400	50000	-1.2	20.0
2-Methylphenol	Ave	1.011	0.9943		49200	50000	-1.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.184	2.232		51100	50000	2.2	20.0
Acetophenone	Ave	1.506	1.456		48300	50000	-3.4	20.0
N-Nitrosodi-n-propylamine	Lin2		0.7025	0.0500	47100	50000	-5.9	20.0
3 & 4 Methylphenol	Ave	1.010	0.9709		48100	50000	-3.8	20.0
4-Methylphenol	Ave	0.998	0.9442		47300	50000	-5.4	20.0
Hexachloroethane	Ave	0.5690	0.6007		52800	50000	5.6	20.0
n,n'-Dimethylaniline	Ave	1.791	1.827		51000	50000	2.0	20.0
Nitrobenzene	Ave	0.4329	0.4768		55100	50000	10.2	20.0
Isophorone	Ave	0.4874	0.4664		47800	50000	-4.3	20.0
2-Nitrophenol	Ave	0.1765	0.1749		49500	50000	-0.9	20.0
2,4-Dimethylphenol	Ave	0.2684	0.2653		49400	50000	-1.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3275	0.3243		49500	50000	-1.0	20.0
2,4-Dichlorophenol	Ave	0.2533	0.2500		49300	50000	-1.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3151	0.3138		49800	50000	-0.4	20.0
Naphthalene	Ave	0.9391	0.9380		49900	50000	-0.1	20.0
4-Chloroaniline	Ave	0.3619	0.3582		49500	50000	-1.0	20.0
Hexachlorobutadiene	Ave	0.1929	0.1865		48300	50000	-3.3	20.0
Caprolactam	Lin2		0.0371		32300	50000	-35.4*	20.0
4-Chloro-3-methylphenol	Ave	0.2171	0.2071		47700	50000	-4.6	20.0
2-Methylnaphthalene	Ave	0.6105	0.5775		47300	50000	-5.4	20.0
1-Methylnaphthalene	Ave	0.5636	0.5308		47100	50000	-5.8	20.0
Hexachlorocyclopentadiene	Qua		0.2570	0.0500	57700	50000	15.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6024	0.6369		52900	50000	5.7	20.0
2-tertbutyl-4-methylphenol	Ave	0.3814	0.3651		47900	50000	-4.3	20.0
2,4,6-Trichlorophenol	Ave	0.3515	0.3504		49800	50000	-0.3	20.0
2,4,5-Trichlorophenol	Ave	0.3559	0.3521		49500	50000	-1.1	20.0
Diphenyl	Ave	1.479	1.546		52300	50000	4.5	20.0
2-Chloronaphthalene	Ave	1.157	1.203		52000	50000	4.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212016/4 Calibration Date: 03/12/2014 07:00
 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: L1147886.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	0.8041		52900	50000	5.8	20.0
2-Nitroaniline	Ave	0.2962	0.3049		51500	50000	3.0	20.0
Dimethylnaphthalene, total	Ave	0.9191	0.9581		52100	50000	4.2	20.0
Dimethyl phthalate	Ave	1.133	1.011		44600	50000	-10.8	20.0
Coumarin	Ave	0.1702	0.1322		38800	50000	-22.3*	20.0
2,6-Dinitrotoluene	Ave	0.2599	0.2420		46500	50000	-6.9	20.0
Acenaphthylene	Ave	1.699	1.710		50300	50000	0.6	20.0
3-Nitroaniline	Ave	0.2759	0.2486		45000	50000	-9.9	20.0
Acenaphthene	Ave	1.040	1.028		49400	50000	-1.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9349	0.9617		51400	50000	2.9	20.0
2,4-Dinitrophenol	Qua		0.0641	0.0500	72000	100000	-28.0*	20.0
4-Nitrophenol	Lin2		0.1192	0.0500	77100	100000	-22.9*	20.0
Dibenzofuran	Ave	1.483	1.405		47400	50000	-5.2	20.0
2,4-Dinitrotoluene	Ave	0.3151	0.2782		44100	50000	-11.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2580	0.2242		43400	50000	-13.1	20.0
Diethyl phthalate	Ave	1.118	0.9329		41700	50000	-16.6	20.0
Fluorene	Ave	1.187	1.081		45500	50000	-8.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.5677	0.5069		44600	50000	-10.7	20.0
4-Nitroaniline	Ave	0.2266	0.1920		42400	50000	-15.3	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.0927		85300	100000	-14.7	20.0
N-Nitrosodiphenylamine	Ave	0.5245	0.5425		51700	50000	3.4	20.0
1,2-Diphenylhydrazine	Ave	0.7379	0.8481		57500	50000	14.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2259	0.2220		49100	50000	-1.7	20.0
Hexachlorobenzene	Ave	0.2595	0.2458		47400	50000	-5.3	20.0
Atrazine	Ave	0.1800	0.1499		41600	50000	-16.7	20.0
Pentachlorophenol	Lin2		0.0961		82000	100000	-18.0	20.0
Pentachloronitrobenzene	Ave	0.0960	0.0927		48300	50000	-3.4	
n-Octadecane	Ave	0.5807	0.6638		57200	50000	14.3	20.0
Phenanthrene	Ave	1.045	1.026		49100	50000	-1.8	20.0
Anthracene	Ave	1.066	1.031		48400	50000	-3.2	20.0
Carbazole	Ave	0.8670	0.8295		47800	50000	-4.3	20.0
Di-n-butyl phthalate	Ave	1.157	0.9708		41900	50000	-16.1	20.0
Fluoranthene	Ave	0.9928	0.8782		44200	50000	-11.5	20.0
Benzidine	Ave	0.3667	0.4666		63600	50000	27.2*	20.0
Pyrene	Ave	1.155	1.043		45200	50000	-9.7	20.0
Butyl benzyl phthalate	Ave	0.5095	0.4491		44100	50000	-11.9	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1247	0.0800		321	500	-35.9*	20.0
Carbamazepine	Lin2		0.6272		72100	50000	44.2*	20.0
3,3'-Dichlorobenzidine	Ave	0.3881	0.4566		58800	50000	17.7	20.0
Benzo[a]anthracene	Ave	1.073	1.019		47500	50000	-5.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212016/4 Calibration Date: 03/12/2014 07:00
 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: L1147886.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	0.9522	0.9692		50900	50000	1.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7233	0.6246		43200	50000	-13.6	20.0
Di-n-octyl phthalate	Ave	1.143	0.9335		40800	50000	-18.4	20.0
Benzo[b]fluoranthene	Ave	0.9665	0.9241		47800	50000	-4.4	20.0
Benzo[k]fluoranthene	Ave	1.032	0.9595		46500	50000	-7.0	20.0
Benzo[a]pyrene	Ave	0.9403	0.9422		50100	50000	0.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.124	1.264		56200	50000	12.4	20.0
Dibenz(a,h)anthracene	Ave	1.075	1.222		56800	50000	13.7	20.0
Benzo[g,h,i]perylene	Ave	1.139	1.282		56300	50000	12.6	20.0
2-Fluorophenol	Ave	1.130	1.152		51000	50000	1.9	20.0
Phenol-d5	Ave	1.319	1.327		50300	50000	0.6	20.0
Nitrobenzene-d5	Ave	0.3087	0.3400		55100	50000	10.1	20.0
2-Fluorobiphenyl	Ave	1.305	1.413		54100	50000	8.3	20.0
2,4,6-Tribromophenol	Ave	0.1923	0.1530		39800	50000	-20.4*	20.0
Terphenyl-d14	Ave	0.8508	0.7206		42300	50000	-15.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212016/3 Calibration Date: 03/12/2014 07:29
 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: L1147887.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.8989	0.9403		52300	50000	4.6	20.0
Benzoic acid	Lin		0.0433		32800	50000	-34.4*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212014/2 Calibration Date: 03/12/2014 05:25
 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: U94461.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	0.5574		40200	50000	-19.5	20.0
N-Nitrosodimethylamine	Ave	1.288	1.255		48700	50000	-2.6	20.0
Pyridine	Ave	1.969	1.803		45800	50000	-8.4	20.0
Aniline	Ave	2.523	2.413		47800	50000	-4.3	20.0
Phenol	Ave	2.201	2.267		51500	50000	3.0	20.0
Bis(2-chloroethyl)ether	Ave	1.812	1.705		47000	50000	-5.9	20.0
2-Chlorophenol	Ave	1.581	1.523		48200	50000	-3.7	20.0
Decane	Ave	2.328	2.030		43600	50000	-12.8	20.0
1,3-Dichlorobenzene	Ave	1.558	1.548		49700	50000	-0.6	20.0
1,4-Dichlorobenzene	Ave	1.553	1.524		49100	50000	-1.8	20.0
Benzyl alcohol	Ave	1.048	0.999		47600	50000	-4.8	20.0
1,2-Dichlorobenzene	Ave	1.453	1.462		50300	50000	0.6	20.0
2-Methylphenol	Ave	1.460	1.385		47400	50000	-5.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.120	2.866		45900	50000	-8.1	20.0
Acetophenone	Ave	2.032	1.811		44600	50000	-10.9	20.0
N-Nitrosodi-n-propylamine	Ave	1.461	1.285	0.0500	44000	50000	-12.0	20.0
3 & 4 Methylphenol	Ave	1.563	1.467		46900	50000	-6.1	20.0
4-Methylphenol	Ave	1.555	1.460		46900	50000	-6.1	20.0
Hexachloroethane	Ave	0.8204	0.7736		47100	50000	-5.7	20.0
n,n'-Dimethylaniline	Ave	2.360	2.527		53600	50000	7.1	20.0
Nitrobenzene	Ave	0.6664	0.6598		49500	50000	-1.0	20.0
Isophorone	Ave	0.8242	0.8605		52200	50000	4.4	20.0
2-Nitrophenol	Ave	0.1908	0.2070		54300	50000	8.5	20.0
2,4-Dimethylphenol	Ave	0.3434	0.3349		48800	50000	-2.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4828	0.4536		47000	50000	-6.1	20.0
2,4-Dichlorophenol	Ave	0.2665	0.2777		52100	50000	4.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3047	0.3203		52600	50000	5.1	20.0
Naphthalene	Ave	1.028	1.022		49700	50000	-0.6	20.0
4-Chloroaniline	Ave	0.4389	0.5002		57000	50000	14.0	20.0
Hexachlorobutadiene	Ave	0.1476	0.1573		53300	50000	6.6	20.0
Caprolactam	Ave	0.1003	0.0750		37400	50000	-25.2*	20.0
4-Chloro-3-methylphenol	Ave	0.3112	0.3194		51300	50000	2.6	20.0
2-Methylnaphthalene	Ave	0.5864	0.6124		52200	50000	4.4	20.0
1-Methylnaphthalene	Ave	0.5068	0.5562		54900	50000	9.7	20.0
Hexachlorocyclopentadiene	Lin2		0.3177	0.0500	41700	50000	-16.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4758	0.5350		56200	50000	12.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.3878	0.4045		52200	50000	4.3	20.0
2,4,6-Trichlorophenol	Ave	0.3503	0.4065		58000	50000	16.1	20.0
2,4,5-Trichlorophenol	Ave	0.3597	0.4386		61000	50000	21.9*	20.0
Diphenyl	Ave	1.490	1.277		42800	50000	-14.3	20.0
2-Chloronaphthalene	Ave	1.140	1.146		50300	50000	0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212014/2 Calibration Date: 03/12/2014 05:25
 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: U94461.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	0.8835		55500	50000	10.9	20.0
2-Nitroaniline	Ave	0.6597	0.6834		51800	50000	3.6	20.0
Dimethylnaphthalene, total	Ave	0.8928	0.8746		49000	50000	-2.0	20.0
Dimethyl phthalate	Ave	1.186	1.185		50000	50000	-0.1	20.0
Coumarin	Ave	0.1563	0.1785		57100	50000	14.2	20.0
2,6-Dinitrotoluene	Ave	0.2840	0.3247		57200	50000	14.3	20.0
Acenaphthylene	Ave	1.617	1.654		51100	50000	2.3	20.0
3-Nitroaniline	Ave	0.3203	0.3518		54900	50000	9.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7345	0.8385		57100	50000	14.2	20.0
Acenaphthene	Ave	1.081	0.9365		43300	50000	-13.4	20.0
2,4-Dinitrophenol	Lin1		0.1878	0.0500	105000	100000	5.1	20.0
4-Nitrophenol	Ave	0.3149	0.3533	0.0500	112000	100000	12.2	20.0
2,4-Dinitrotoluene	Ave	0.3510	0.4097		58400	50000	16.7	20.0
Dibenzofuran	Ave	1.507	1.577		52300	50000	4.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2402	0.2711		56400	50000	12.9	20.0
Diethyl phthalate	Ave	1.188	1.212		51000	50000	2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.4162	0.5218		62700	50000	25.4*	20.0
Fluorene	Ave	1.135	1.134		50000	50000	-0.0	20.0
4-Nitroaniline	Ave	0.2636	0.3102		58800	50000	17.7	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1418		99000	100000	-1.0	20.0
N-Nitrosodiphenylamine	Ave	0.6840	0.6005		43900	50000	-12.2	20.0
1,2-Diphenylhydrazine	Ave	1.477	1.270		43000	50000	-14.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2129	0.1913		44900	50000	-10.1	20.0
Hexachlorobenzene	Ave	0.2071	0.2572		62100	50000	24.2*	20.0
Atrazine	Ave	0.1881	0.1752		46600	50000	-6.8	20.0
Pentachlorophenol	Ave	0.1506	0.1508		100000	100000	0.1	20.0
Pentachloronitrobenzene	Ave	0.1010	0.0903		44700	50000	-10.6	
n-Octadecane	Ave	1.042	0.8295		39800	50000	-20.4*	20.0
Phenanthrene	Ave	1.115	1.058		47400	50000	-5.2	20.0
Anthracene	Ave	1.132	1.017		44900	50000	-10.1	20.0
Carbazole	Ave	1.020	0.8602		42200	50000	-15.7	20.0
Di-n-butyl phthalate	Ave	1.496	1.446		48300	50000	-3.4	20.0
Fluoranthene	Ave	0.7958	0.8054		50600	50000	1.2	20.0
Benzidine	Ave	0.4542	0.3473		38200	50000	-23.5*	20.0
Pyrene	Ave	1.265	1.567		61900	50000	23.9*	20.0
Butyl benzyl phthalate	Ave	0.8938	0.8405		47000	50000	-6.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1024	0.1317		643	500	28.6*	20.0
Carbamazepine	Ave	0.4511	0.5049		56000	50000	11.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3983	0.4250		53400	50000	6.7	20.0
Benzo[a]anthracene	Ave	1.004	0.9607		47800	50000	-4.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212014/2 Calibration Date: 03/12/2014 05:25
 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: U94461.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	1.122		50300	50000	0.6	20.0
Chrysene	Ave	0.8213	0.7986		48600	50000	-2.8	20.0
Di-n-octyl phthalate	Ave	2.122	2.195		51700	50000	3.5	20.0
Benzo[b]fluoranthene	Ave	1.057	1.169		55300	50000	10.5	20.0
Benzo[k]fluoranthene	Ave	1.069	1.067		49900	50000	-0.1	20.0
Benzo[a]pyrene	Ave	0.9471	0.9681		51100	50000	2.2	20.0
Indeno[1,2,3-cd]pyrene	QuaF		1.134		52500	50000	5.0	20.0
Dibenz(a,h)anthracene	QuaF		0.9531		49900	50000	-0.3	20.0
Benzo[g,h,i]perylene	Ave	0.9827	0.9540		48500	50000	-2.9	20.0
2-Fluorophenol	Ave	1.750	1.632		46600	50000	-6.7	20.0
Phenol-d5	Ave	2.114	2.120		50100	50000	0.3	20.0
Nitrobenzene-d5	Ave	0.4927	0.5121		52000	50000	3.9	20.0
2-Fluorobiphenyl	Ave	1.365	1.403		51400	50000	2.7	20.0
2,4,6-Tribromophenol	Ave	0.1537	0.1998		65000	50000	30.0*	20.0
Terphenyl-d14	Ave	0.9287	1.174		63200	50000	26.4*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212014/3 Calibration Date: 03/12/2014 06:02
 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: U94462.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.670	1.621		48500	50000	-2.9	20.0
Benzoic acid	Lin2		0.1889		48400	50000	-3.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212262/2 Calibration Date: 03/13/2014 02:37
 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: U94491.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	0.5307		38300	50000	-23.4*	20.0
N-Nitrosodimethylamine	Ave	1.288	1.251		48500	50000	-2.9	20.0
Pyridine	Ave	1.969	1.759		44700	50000	-10.7	20.0
Phenol	Ave	2.201	2.418		54900	50000	9.9	20.0
Aniline	Ave	2.523	2.561		50800	50000	1.5	20.0
Bis(2-chloroethyl)ether	Ave	1.812	1.673		46200	50000	-7.7	20.0
2-Chlorophenol	Ave	1.581	1.648		52100	50000	4.2	20.0
Decane	Ave	2.328	2.028		43600	50000	-12.9	20.0
1,3-Dichlorobenzene	Ave	1.558	1.489		47800	50000	-4.4	20.0
1,4-Dichlorobenzene	Ave	1.553	1.501		48300	50000	-3.4	20.0
Benzyl alcohol	Ave	1.048	1.042		49700	50000	-0.6	20.0
1,2-Dichlorobenzene	Ave	1.453	1.446		49800	50000	-0.5	20.0
2-Methylphenol	Ave	1.460	1.499		51300	50000	2.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.120	2.937		47100	50000	-5.9	20.0
Acetophenone	Ave	2.032	2.101		51700	50000	3.4	20.0
N-Nitrosodi-n-propylamine	Ave	1.461	1.450	0.0500	49600	50000	-0.8	20.0
3 & 4 Methylphenol	Ave	1.563	1.594		51000	50000	2.0	20.0
4-Methylphenol	Ave	1.555	1.573		50600	50000	1.1	20.0
Hexachloroethane	Ave	0.8204	0.7732		47100	50000	-5.7	20.0
n,n'-Dimethylaniline	Ave	2.360	2.575		54600	50000	9.1	20.0
Nitrobenzene	Ave	0.6664	0.6098		45800	50000	-8.5	20.0
Isophorone	Ave	0.8242	0.8267		50200	50000	0.3	20.0
2-Nitrophenol	Ave	0.1908	0.1975		51800	50000	3.5	20.0
2,4-Dimethylphenol	Ave	0.3434	0.3359		48900	50000	-2.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.4828	0.4347		45000	50000	-10.0	20.0
2,4-Dichlorophenol	Ave	0.2665	0.2710		50800	50000	1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3047	0.3237		53100	50000	6.2	20.0
Naphthalene	Ave	1.028	0.9503		46200	50000	-7.6	20.0
4-Chloroaniline	Ave	0.4389	0.4711		53700	50000	7.3	20.0
Hexachlorobutadiene	Ave	0.1476	0.1402		47500	50000	-5.0	20.0
Caprolactam	Ave	0.1003	0.1136		56600	50000	13.3	20.0
4-Chloro-3-methylphenol	Ave	0.3112	0.3120		50100	50000	0.2	20.0
2-Methylnaphthalene	Ave	0.5864	0.5864		50000	50000	0.0	20.0
1-Methylnaphthalene	Ave	0.5068	0.5941		58600	50000	17.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4758	0.4745		49900	50000	-0.3	20.0
Hexachlorocyclopentadiene	Lin2		0.2968	0.0500	39100	50000	-21.8*	20.0
2-tertbutyl-4-methylphenol	Ave	0.3878	0.3619		46700	50000	-6.7	20.0
2,4,6-Trichlorophenol	Ave	0.3503	0.3927		56100	50000	12.1	20.0
2,4,5-Trichlorophenol	Ave	0.3597	0.4162		57900	50000	15.7	20.0
Diphenyl	Ave	1.490	1.365		45800	50000	-8.4	20.0
2-Chloronaphthalene	Ave	1.140	1.045		45800	50000	-8.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212262/2 Calibration Date: 03/13/2014 02:37
 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: U94491.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	0.8131		51000	50000	2.1	20.0
2-Nitroaniline	Ave	0.6597	0.6450		48900	50000	-2.2	20.0
Dimethylnaphthalene, total	Ave	0.8928	0.8916		49900	50000	-0.1	20.0
Dimethyl phthalate	Ave	1.186	1.175		49600	50000	-0.9	20.0
Coumarin	Ave	0.1563	0.1937		62000	50000	24.0*	20.0
2,6-Dinitrotoluene	Ave	0.2840	0.3169		55800	50000	11.6	20.0
Acenaphthylene	Ave	1.617	1.550		47900	50000	-4.1	20.0
3-Nitroaniline	Ave	0.3203	0.3412		53300	50000	6.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.7345	0.8044		54800	50000	9.5	20.0
Acenaphthene	Ave	1.081	0.9641		44600	50000	-10.8	20.0
2,4-Dinitrophenol	Lin1		0.1774	0.0500	99700	100000	-0.3	20.0
4-Nitrophenol	Ave	0.3149	0.3548	0.0500	113000	100000	12.7	20.0
2,4-Dinitrotoluene	Ave	0.3510	0.3868		55100	50000	10.2	20.0
Dibenzofuran	Ave	1.507	1.575		52300	50000	4.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2402	0.2626		54700	50000	9.3	20.0
Diethyl phthalate	Ave	1.188	1.297		54600	50000	9.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.4162	0.4634		55700	50000	11.3	20.0
Fluorene	Ave	1.135	1.202		53000	50000	5.9	20.0
4-Nitroaniline	Ave	0.2636	0.2870		54400	50000	8.9	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1522		106000	100000	6.0	20.0
N-Nitrosodiphenylamine	Ave	0.6840	0.6214		45400	50000	-9.2	20.0
1,2-Diphenylhydrazine	Ave	1.477	1.201		40600	50000	-18.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2129	0.1991		46800	50000	-6.5	20.0
Hexachlorobenzene	Ave	0.2071	0.2726		65800	50000	31.6*	20.0
Atrazine	Ave	0.1881	0.1741		46300	50000	-7.4	20.0
Pentachlorophenol	Ave	0.1506	0.1453		96500	100000	-3.5	20.0
Pentachloronitrobenzene	Ave	0.1010	0.0962		47600	50000	-4.7	
n-Octadecane	Ave	1.042	0.7807		37500	50000	-25.0*	20.0
Phenanthrene	Ave	1.115	1.032		46300	50000	-7.5	20.0
Anthracene	Ave	1.132	1.071		47300	50000	-5.3	20.0
Carbazole	Ave	1.020	0.8935		43800	50000	-12.4	20.0
Di-n-butyl phthalate	Ave	1.496	1.316		44000	50000	-12.0	20.0
Fluoranthene	Ave	0.7958	0.8541		53700	50000	7.3	20.0
Benzidine	Ave	0.4542	0.3643		40100	50000	-19.8	20.0
Pyrene	Ave	1.265	1.444		57100	50000	14.2	20.0
Butyl benzyl phthalate	Ave	0.8938	0.8237		46100	50000	-7.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1024	0.1749		854	500	70.7*	20.0
Carbamazepine	Ave	0.4511	0.5138		57000	50000	13.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3983	0.4213		52900	50000	5.8	20.0
Benzo[a]anthracene	Ave	1.004	0.9880		49200	50000	-1.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-212262/2 Calibration Date: 03/13/2014 02:37
 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: U94491.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	1.037		46500	50000	-7.1	20.0
Chrysene	Ave	0.8213	0.8239		50200	50000	0.3	20.0
Di-n-octyl phthalate	Ave	2.122	2.017		47500	50000	-4.9	20.0
Benzo[b]fluoranthene	Ave	1.057	1.153		54500	50000	9.0	20.0
Benzo[k]fluoranthene	Ave	1.069	1.057		49400	50000	-1.1	20.0
Benzo[a]pyrene	Ave	0.9471	0.9767		51600	50000	3.1	20.0
Indeno[1,2,3-cd]pyrene	QuaF		0.9687		46100	50000	-7.8	20.0
Dibenz(a,h)anthracene	QuaF		0.8548		45300	50000	-9.3	20.0
Benzo[g,h,i]perylene	Ave	0.9827	0.9410		47900	50000	-4.2	20.0
2-Fluorophenol	Ave	1.750	1.659		47400	50000	-5.2	20.0
Phenol-d5	Ave	2.114	2.214		52400	50000	4.7	20.0
Nitrobenzene-d5	Ave	0.4927	0.4698		47700	50000	-4.6	20.0
2-Fluorobiphenyl	Ave	1.365	1.399		51200	50000	2.4	20.0
2,4,6-Tribromophenol	Ave	0.1537	0.1951		63400	50000	26.9*	20.0
Terphenyl-d14	Ave	0.9287	0.9692		52200	50000	4.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212262/3 Calibration Date: 03/13/2014 03:40
 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: U94492.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.670	1.663		49800	50000	-0.4	20.0
Benzoic acid	Lin2		0.1853		47500	50000	-4.9	20.0

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

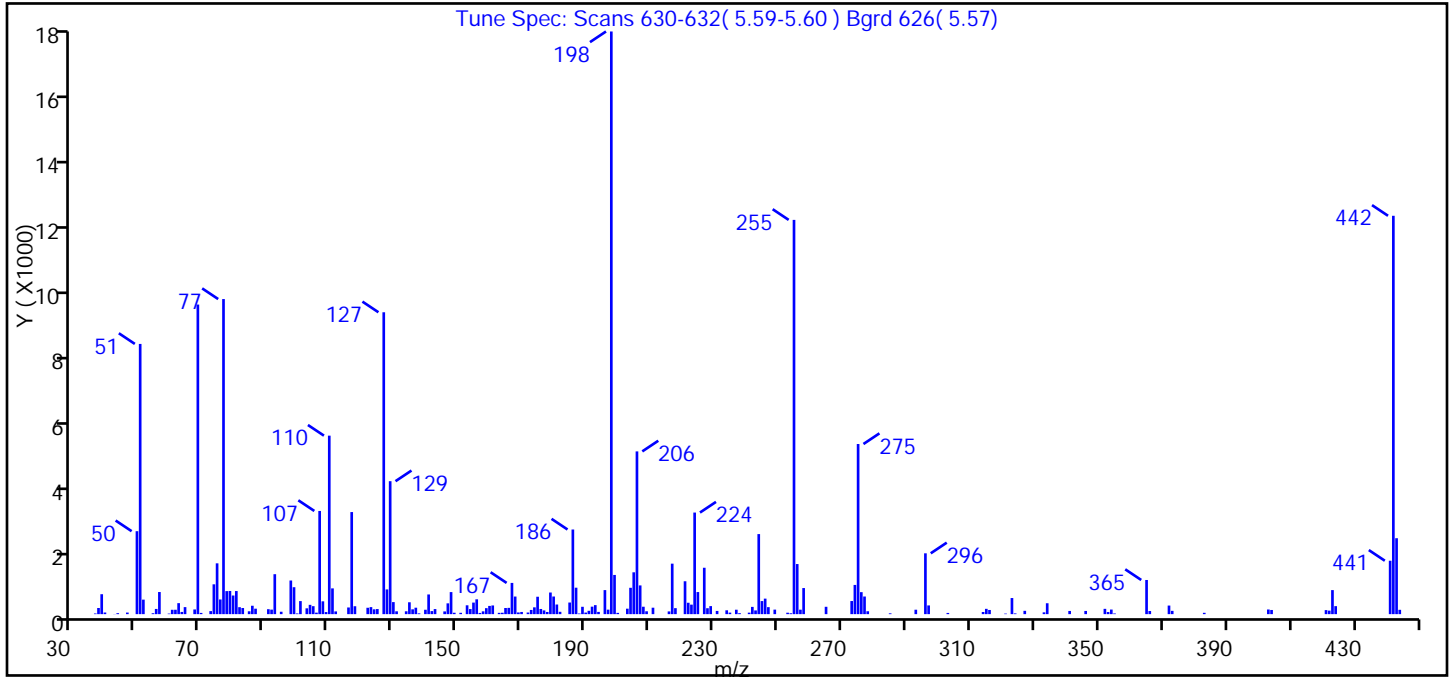
Processing Flags

7 - Failed Limit of Detection

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.blz8437.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

Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.blz8437.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		

TestAmerica Edison

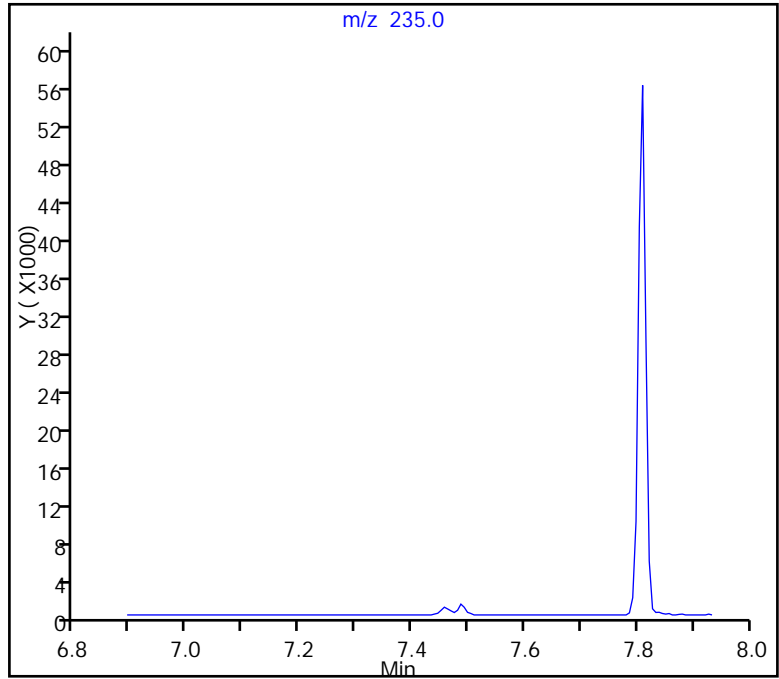
Data File: \\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D
Injection Date: 04-Mar-2014 01:20:30 Instrument ID: CBNAMS11
Lims ID: DFTPP Lab Sample ID:
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 55
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL
116 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



TestAmerica Edison

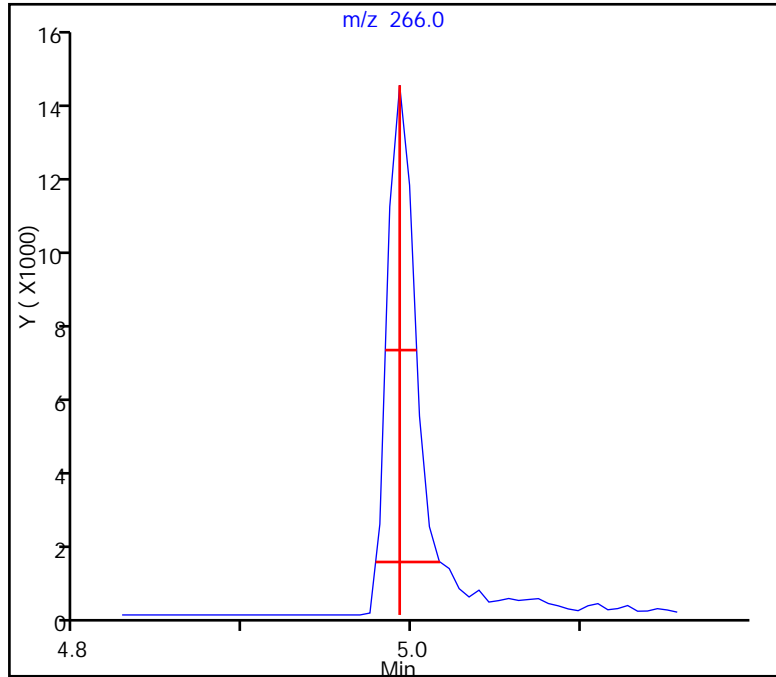
Data File:	\\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D	Instrument ID:	CBNAMS11
Injection Date:	04-Mar-2014 01:20:30	Lab Sample ID:	
Lims ID:	DFTPP	ALS Bottle#:	1
Client ID:		Worklist Smp#:	55
Operator ID:		Dil. Factor:	1.0000
Injection Vol:	1.0 ul	Limit Group:	SV 8270 ICAL
Method:	8270_11R		

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



TestAmerica Edison

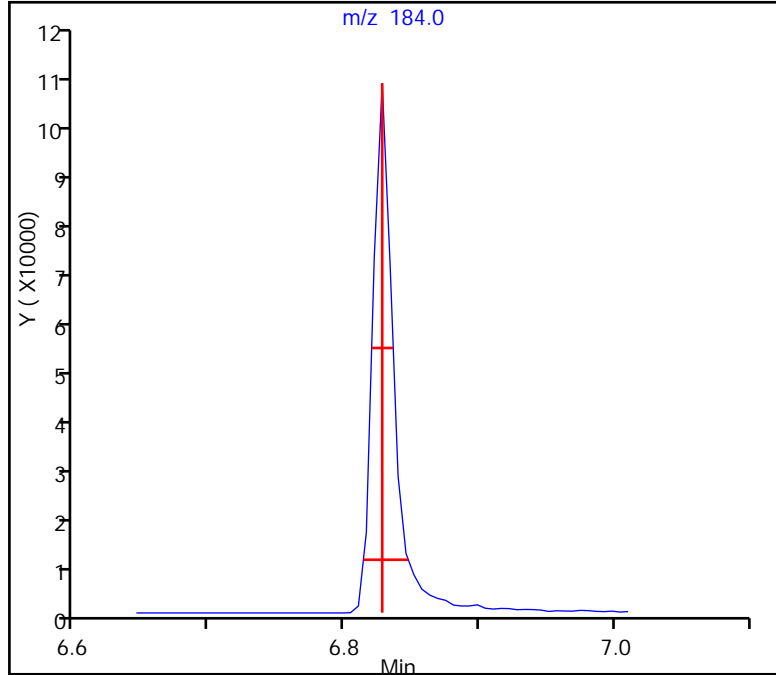
Data File:	\\EDICHROM\ChromData\CBNAMS11\20140304-10400.b\z8437.D	Instrument ID:	CBNAMS11
Injection Date:	04-Mar-2014 01:20:30	Lab Sample ID:	
Lims ID:	DFTPP	ALS Bottle#:	1
Client ID:		Worklist Smp#:	55
Operator ID:		Dil. Factor:	1.0000
Injection Vol:	1.0 ul	Limit Group:	SV 8270 ICAL
Method:	8270_11R		

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

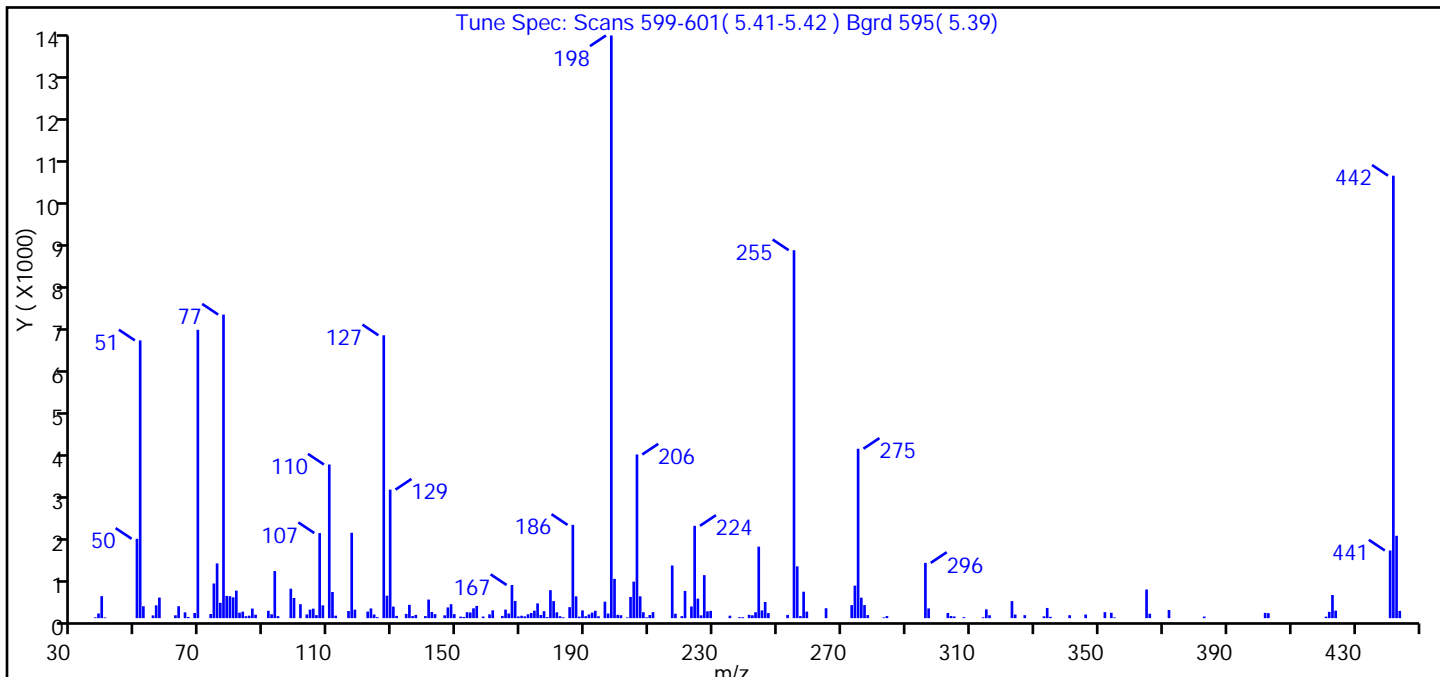
Processing Flags

7 - Failed Limit of Detection

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.blz8773.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.blz8773.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		

TestAmerica Edison

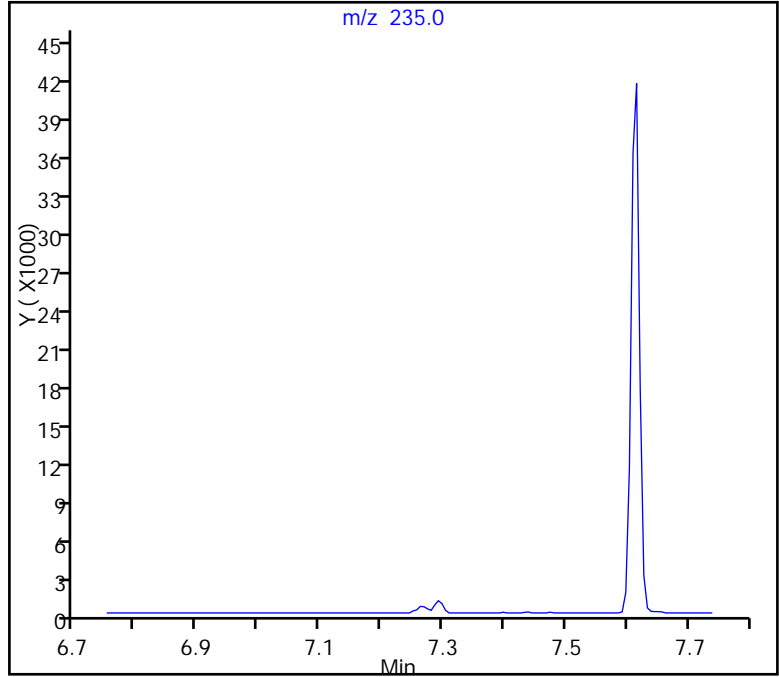
Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL
116 4,4'-DDT, Detector: 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



TestAmerica Edison

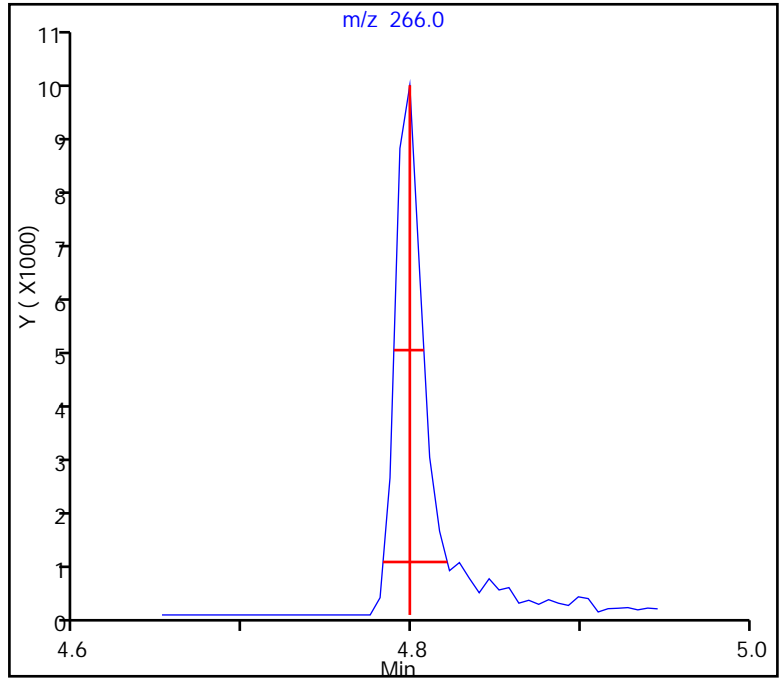
Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

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



TestAmerica Edison

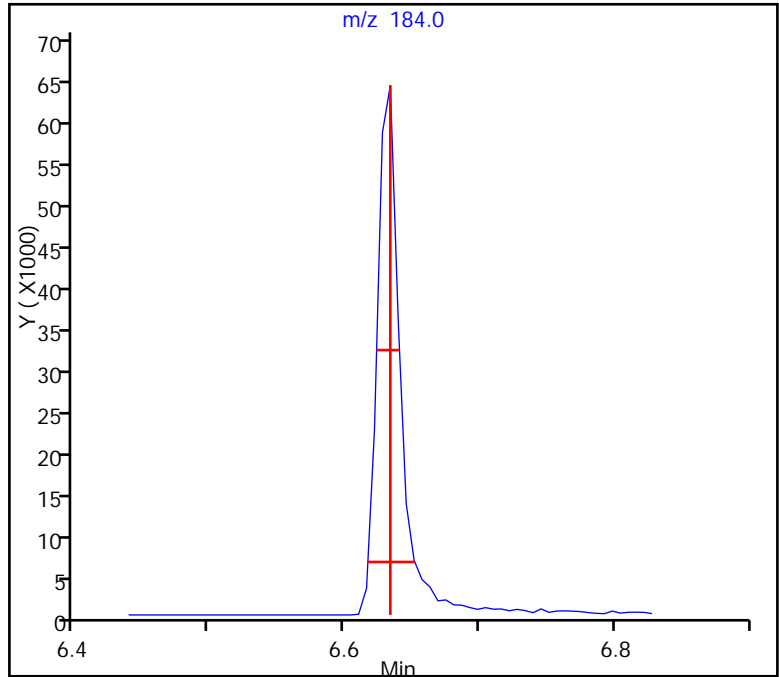
Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8773.D
Injection Date: 13-Mar-2014 01:17:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R Limit Group: SV 8270 ICAL

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



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

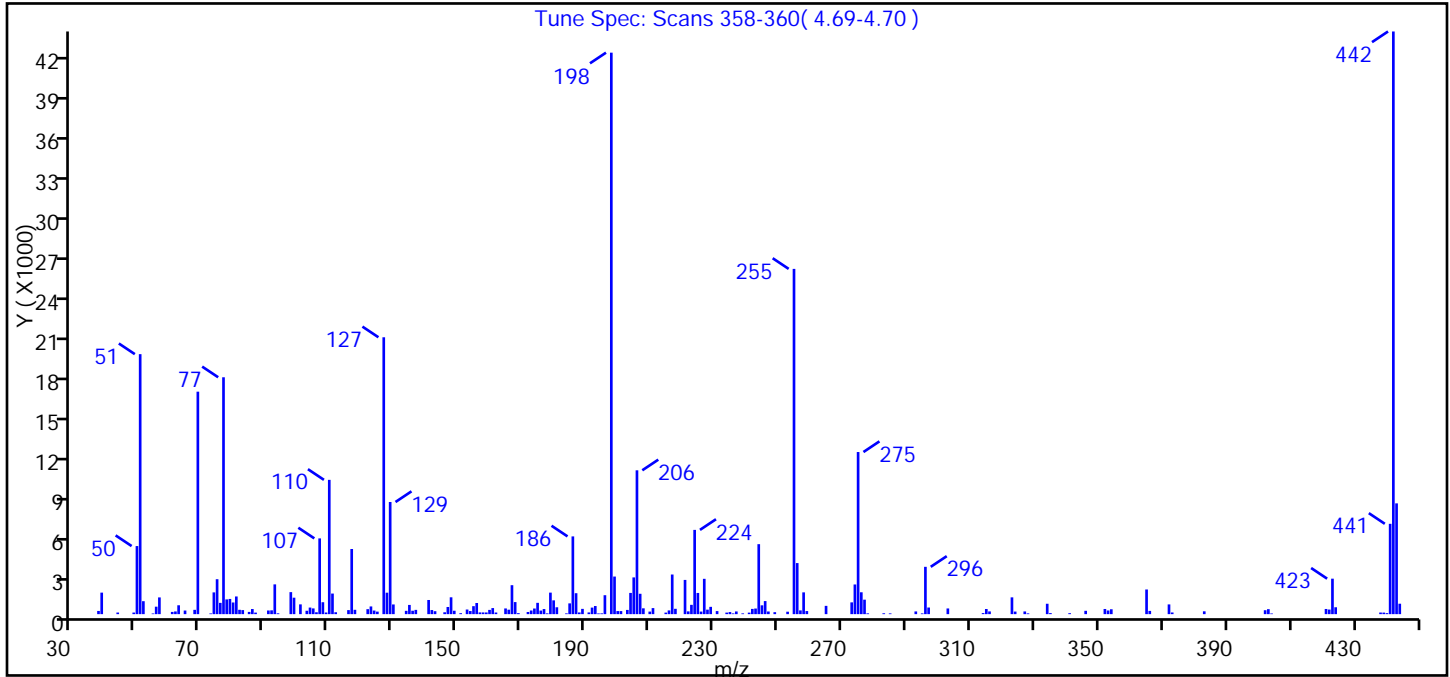
Processing Flags

7 - Failed Limit of Detection

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)

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D\8270_12R.rsl\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

Data File: \\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D\8270_12R.rsl\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		

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

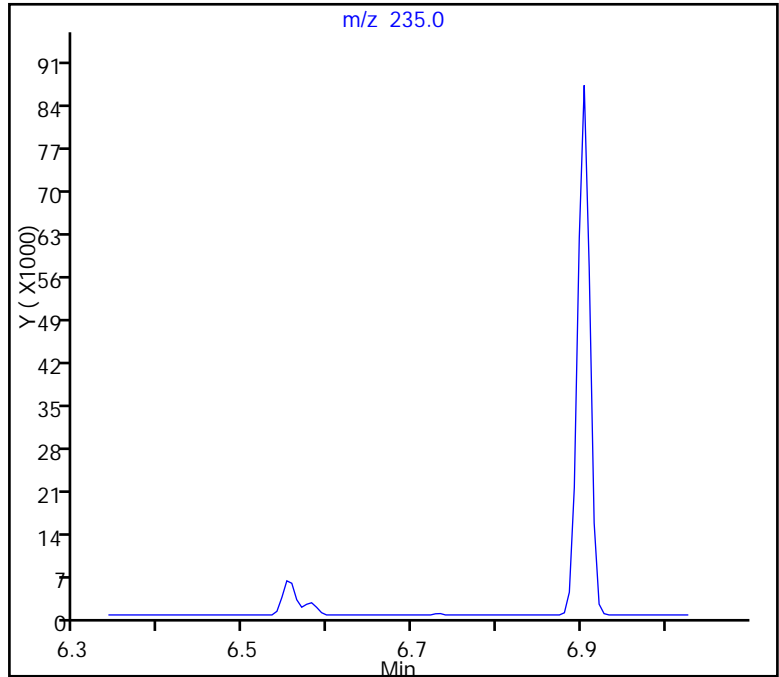
116 4,4'-DDT, Detector: MS SCAN

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



TestAmerica Edison

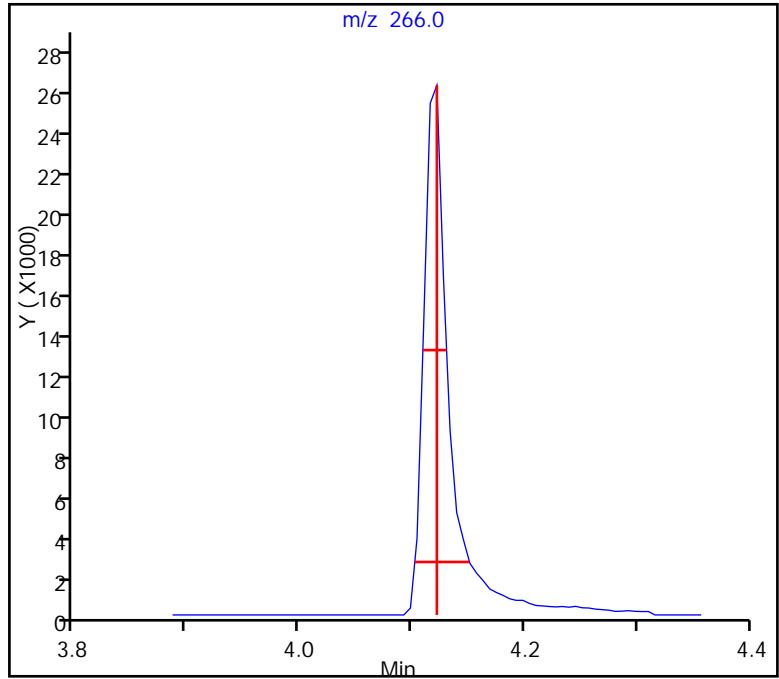
Data File:	\\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D	Instrument ID:	CBNAMS12
Injection Date:	05-Mar-2014 17:04:30	Lab Sample ID:	
Lims ID:	DFTPP	ALS Bottle#:	1
Client ID:		Worklist Smp#:	1
Operator ID:	BNA 12	Dil. Factor:	1.0000
Injection Vol:	1.0 ul	Limit Group:	SV 8270 ICAL
Method:	8270_12R		

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



TestAmerica Edison

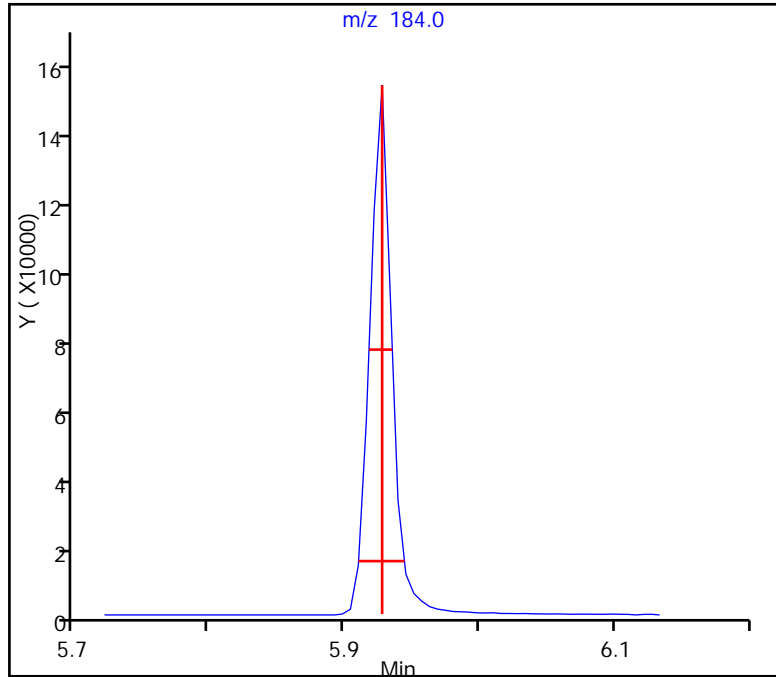
Data File:	\\EDICHROM\ChromData\CBNAMS12\20140305-10493.b\L1147700.D	Instrument ID:	CBNAMS12
Injection Date:	05-Mar-2014 17:04:30	Lab Sample ID:	
Lims ID:	DFTPP	ALS Bottle#:	1
Client ID:		Worklist Smp#:	1
Operator ID:	BNA 12	Dil. Factor:	1.0000
Injection Vol:	1.0 ul	Limit Group:	SV 8270 ICAL
Method:	8270_12R		

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\20140312-10745.b\L1147884.D
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 12-Mar-2014 04:29:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-001
 Misc. Info.: DFTPP
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 13:01:18 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: XAWRK021

First Level Reviewer: asfawa Date: 12-Mar-2014 04:40:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	3.993	3.993	0.0	88	31614	NR	7
89 Benzidine_T	184	5.798	5.798	0.0	98	134018	NR	7
120 DFTPP								
114 4,4'-DDD	235	6.451	6.451	0.0	1	2054	NR	7
116 4,4'-DDT	235	6.775	6.775	0.0	95	79762	NR	7

QC Flag Legend

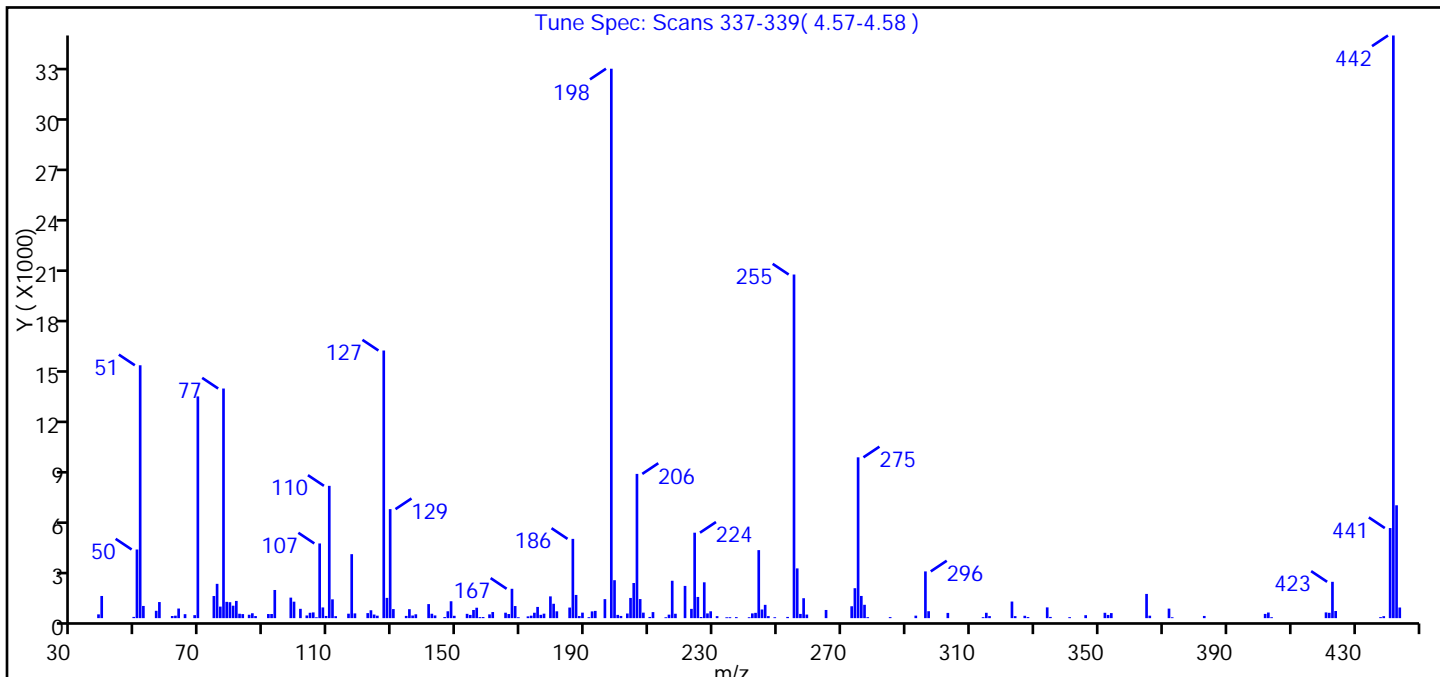
Processing Flags

7 - Failed Limit of Detection

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147884.D
 Injection Date: 12-Mar-2014 04:29:30 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	46.00
68	Less than 2.00% of mass 69	0.50 (1.40)
69	Present	40.40
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.70
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	29.30
365	Greater than 1.00% of mass 198	4.40
441	Present, but less than mass 443	16.40 (79.80)
442	Greater than 40.00% of mass 198	106.10
443	17.00 - 23.00% of mass 442	20.50 (19.40)

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147884.D\8270_12R.rsl\spectra.d
Injection Date: 12-Mar-2014 04:29:30
Spectrum: Tune Spec: Scans 337-339(4.57-4.58)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	224	122.00	298	191.00	57	265.00	484
39.00	1313	123.00	466	192.00	400	273.00	704
49.00	73	124.00	213	193.00	429	274.00	1773
50.00	4064	125.00	145	196.00	1126	275.00	9521
51.00	14971	127.00	15845	198.00	32528	276.00	1314
52.00	722	128.00	1199	199.00	2246	277.00	790
56.00	435	129.00	6454	200.00	193	278.00	58
57.00	953	130.00	537	201.00	130	285.00	62
61.00	126	134.00	133	203.00	275	293.00	148
62.00	145	135.00	531	204.00	1196	296.00	2767
63.00	569	136.00	156	205.00	2080	297.00	410
65.00	235	137.00	228	206.00	8540	303.00	309
68.00	178	141.00	832	207.00	1130	314.00	56
69.00	13127	142.00	260	208.00	326	315.00	317
74.00	1310	143.00	160	210.00	71	316.00	122
75.00	2031	146.00	64	211.00	358	323.00	983
76.00	683	147.00	407	215.00	52	324.00	118
77.00	13594	148.00	1000	216.00	207	327.00	140
78.00	965	149.00	139	217.00	2213	328.00	63
79.00	944	153.00	255	218.00	260	334.00	637
80.00	737	154.00	191	221.00	1908	335.00	72
81.00	1019	155.00	483	223.00	549	341.00	58
82.00	260	156.00	617	224.00	5059	346.00	175
83.00	240	157.00	60	225.00	1255	352.00	317
85.00	202	158.00	66	226.00	67	353.00	190
86.00	290	160.00	223	227.00	2122	354.00	299
87.00	123	161.00	362	228.00	281	365.00	1434
91.00	243	165.00	322	229.00	406	366.00	145
92.00	245	166.00	244	231.00	118	372.00	565
93.00	1667	167.00	1738	234.00	51	373.00	53
98.00	1215	168.00	716	235.00	56	383.00	130
99.00	975	169.00	54	237.00	61	402.00	251
101.00	552	172.00	105	241.00	54	403.00	333

Report Date: 13-Mar-2014 13:01:18

Chrom Revision: 2.2 28-Feb-2014 15:12:04

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147884.D\8270_12R.rslt\spectra.d

Injection Date: 12-Mar-2014 04:29:30

Spectrum: Tune Spec: Scans 337-339(4.57-4.58)

Base Peak: 442.00

Minimum % Base Peak: 0

Number of Points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
103.00	159	173.00	146	242.00	282	404.00	56
104.00	317	174.00	319	243.00	313	421.00	340
105.00	340	175.00	664	244.00	4027	422.00	316
106.00	50	176.00	196	245.00	512	423.00	2151
107.00	4422	177.00	265	246.00	787	424.00	422
108.00	634	179.00	1289	247.00	121	438.00	61
109.00	129	180.00	851	249.00	54	439.00	117
110.00	7833	181.00	405	253.00	72	441.00	5333
111.00	1114	185.00	627	255.00	20344	442.00	34496
112.00	116	186.00	4693	256.00	2945	443.00	6682
116.00	263	187.00	1374	257.00	250	444.00	630
117.00	3788	188.00	125	258.00	1180		
118.00	281	189.00	326	259.00	212		

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147884.D
Injection Date: 12-Mar-2014 04:29:30 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

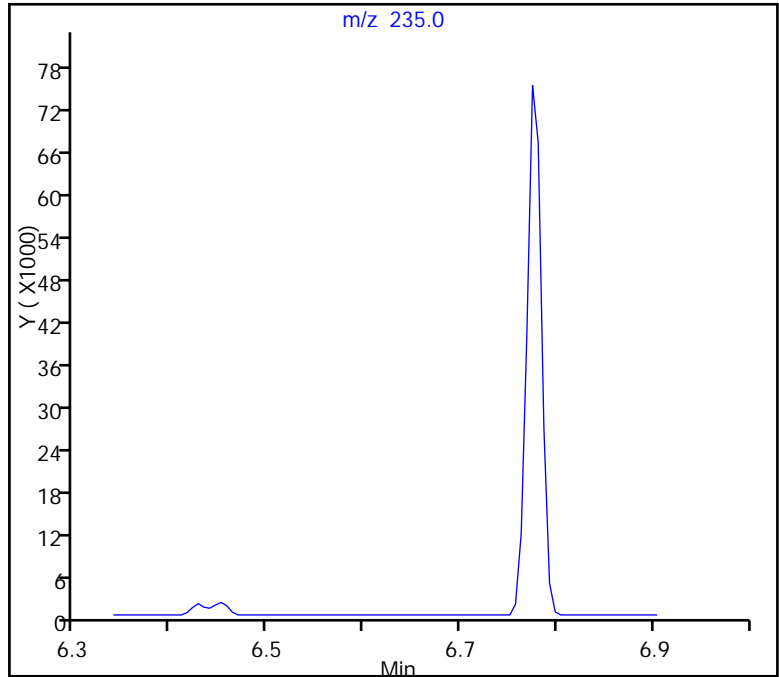
116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 79762
114 4,4'-DDD, Area = 2054
115 4,4'-DDE, Area = 0

%Breakdown: 2.51%, Max Limit: 20.00%
Passed



TestAmerica Edison

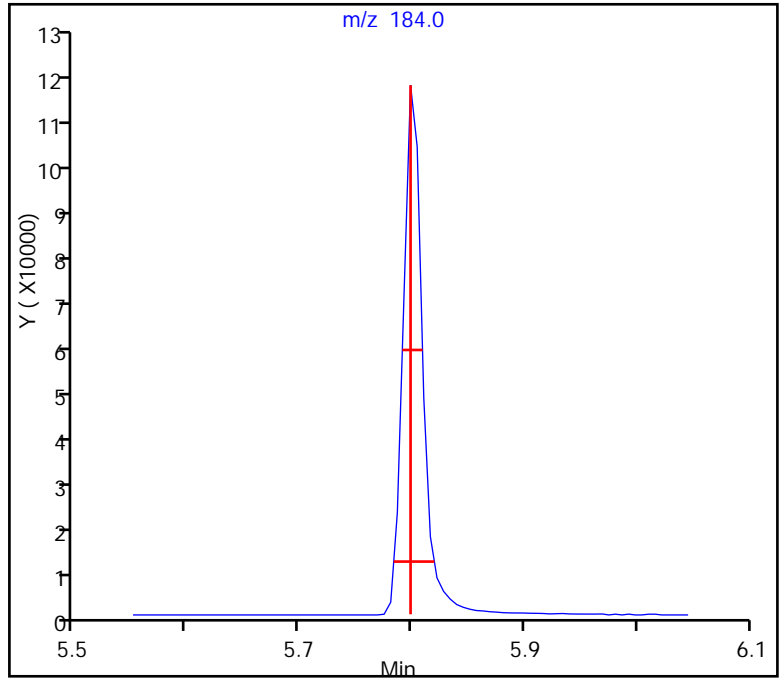
Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147884.D
Injection Date: 12-Mar-2014 04:29:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



TestAmerica Edison

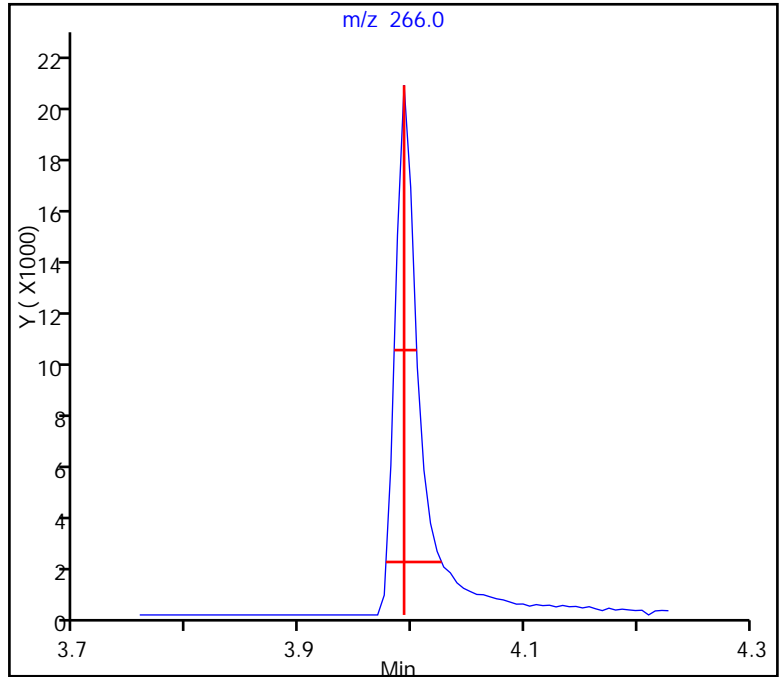
Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147884.D
Injection Date: 12-Mar-2014 04:29:30 Instrument ID: CBNAMS12
Lims ID: DFTPP
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.033 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 2.1, Max. Tailing < 3.00
Passed



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

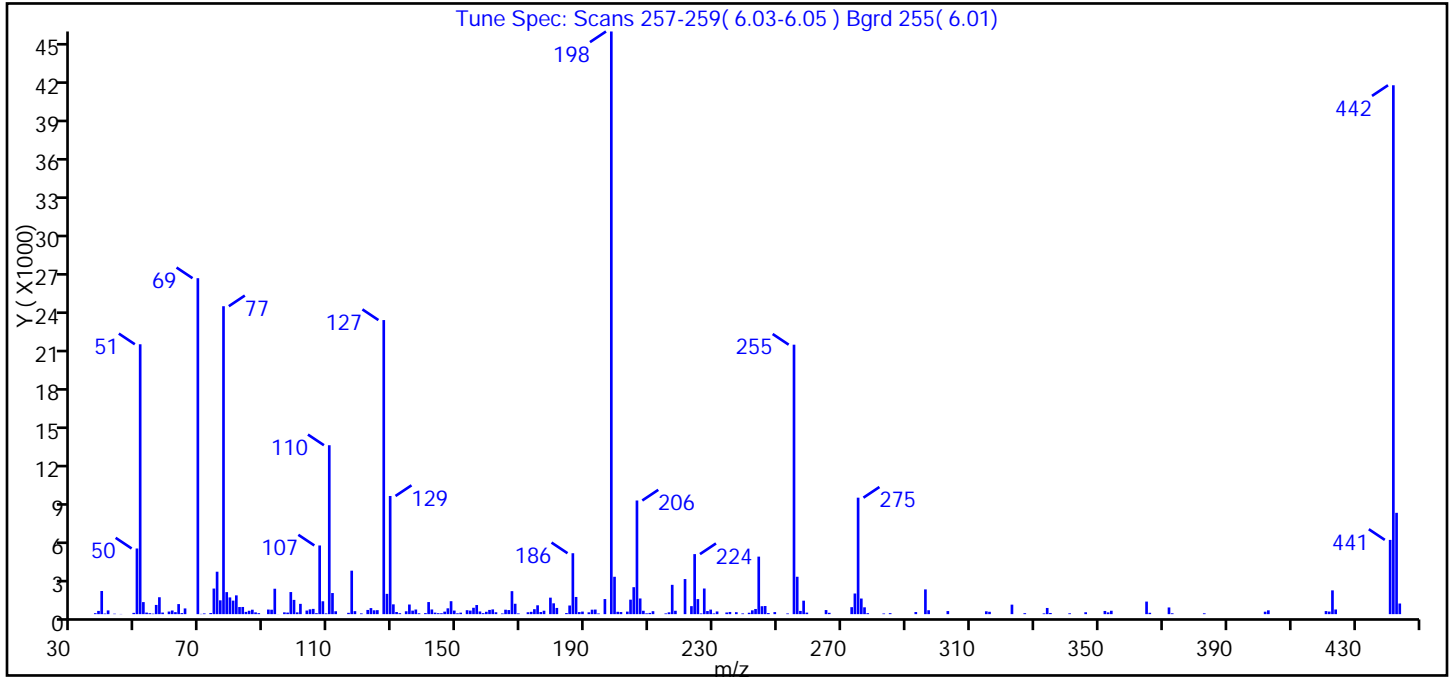
Processing Flags

7 - Failed Limit of Detection

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)

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

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		

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

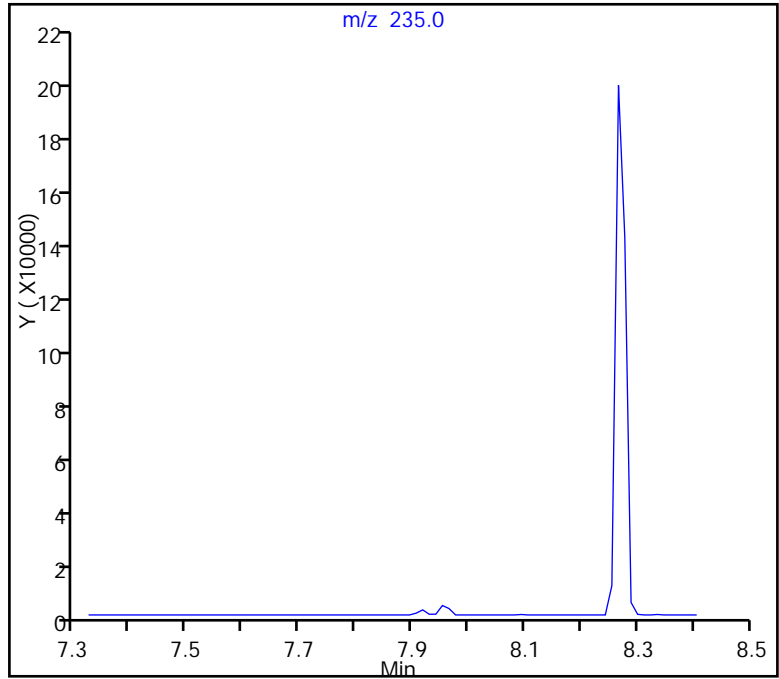
116 4,4'-DDT, Detector: MS SCAN

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



TestAmerica Edison

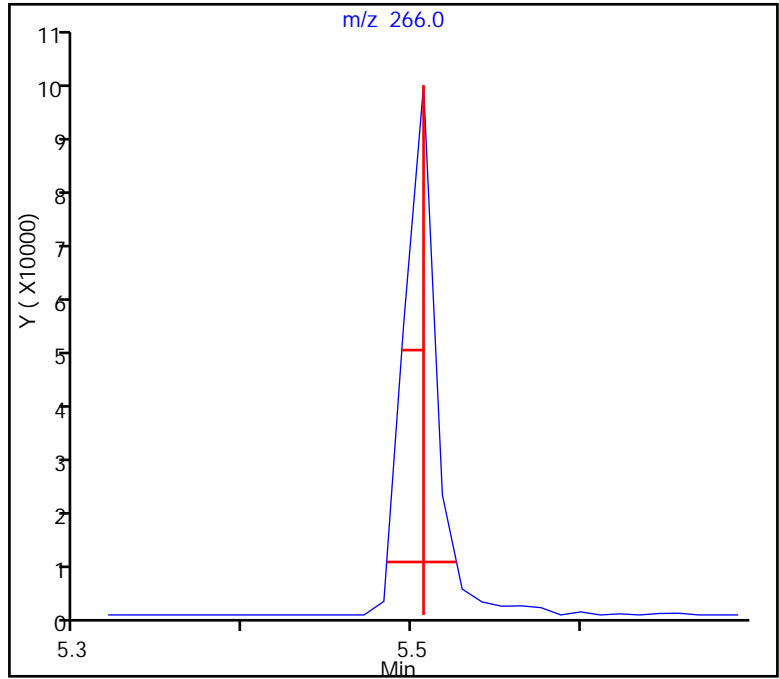
Data File:	\\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D	Instrument ID:	CBNAMS4
Injection Date:	27-Feb-2014 08:41:30	Lab Sample ID:	
Lims ID:	DFTPP	ALS Bottle#:	1
Client ID:		Worklist Smp#:	1
Operator ID:		Dil. Factor:	1.0000
Injection Vol:	1.0 ul	Limit Group:	SV 8270 ICAL
Method:	8270_4R		

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



TestAmerica Edison

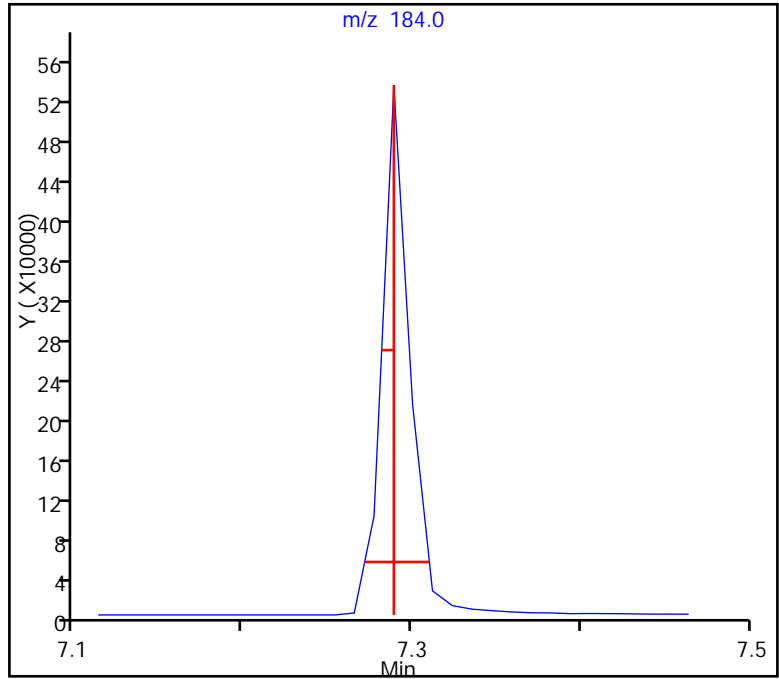
Data File:	\\EDICHROM\ChromData\CBNAMS4\20140226-10224.b\U94125.D	Instrument ID:	CBNAMS4
Injection Date:	27-Feb-2014 08:41:30	Lab Sample ID:	
Lims ID:	DFTPP	ALS Bottle#:	1
Client ID:		Worklist Smp#:	1
Operator ID:		Dil. Factor:	1.0000
Injection Vol:	1.0 ul	Limit Group:	SV 8270 ICAL
Method:	8270_4R		

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\20140312-10744.b\U94460.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 12-Mar-2014 04:31:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-001
 Misc. Info.: dftpp
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 12-Mar-2014 15:04:02 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: 12-Mar-2014 04:40:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.206	5.206	0.0	85	72735	NR	7
89 Benzidine_T	184	6.990	6.990	0.0	98	517293	NR	7
120 DFTPP								
115 4,4'-DDE	246	7.222	7.222	0.0	1	788	NR	7
114 4,4'-DDD	235	7.618	7.618	0.0	28	3767	NR	7
116 4,4'-DDT	235	7.968	7.968	0.0	96	191376	NR	7

QC Flag Legend

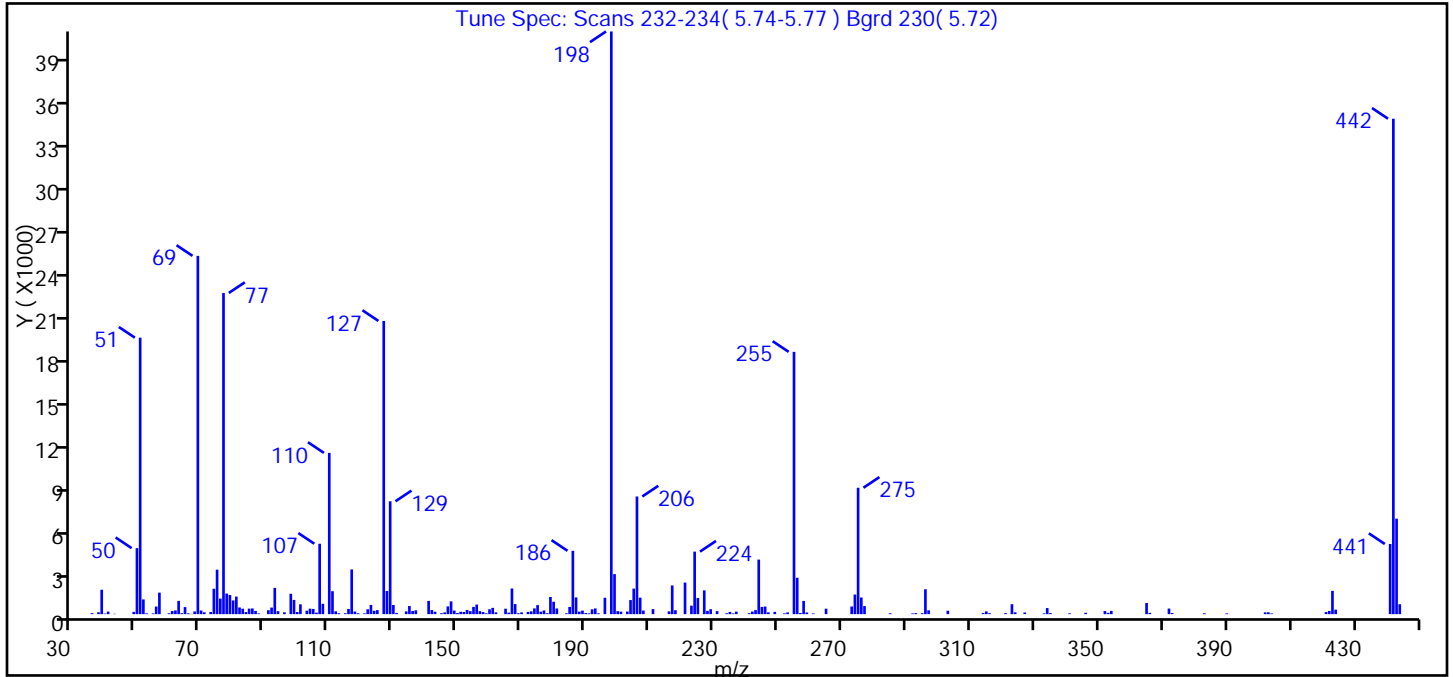
Processing Flags

7 - Failed Limit of Detection

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94460.D
 Injection Date: 12-Mar-2014 04:31:30 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	47.50
68	Less than 2.00% of mass 69	0.50 (0.80)
69	Present	61.50
70	Less than 2.00% of mass 69	0.60 (1.00)
127	40.00 - 60.00% of mass 198	50.30
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	21.70
365	Greater than 1.00% of mass 198	1.90
441	Present, but less than mass 443	12.00 (73.50)
442	Greater than 40.00% of mass 198	85.00
443	17.00 - 23.00% of mass 442	16.40 (19.30)

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94460.D\8270_4R.rslt\spectra.d
Injection Date: 12-Mar-2014 04:31:30
Spectrum: Tune Spec: Scans 232-234(5.74-5.77) Bgrd 230(5.72)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 216

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	68	106.00	108	173.00	197	249.00	162
38.00	132	107.00	4952	174.00	404	252.00	56
39.00	1716	108.00	726	175.00	636	253.00	124
40.00	39	110.00	11342	176.00	176	255.00	18448
41.00	178	111.00	1613	177.00	257	256.00	2561
43.00	25	112.00	200	178.00	66	257.00	83
49.00	158	113.00	63	179.00	1209	258.00	931
50.00	4643	115.00	63	180.00	871	259.00	119
51.00	19448	116.00	364	181.00	399	261.00	51
52.00	1034	117.00	3145	184.00	60	265.00	383
53.00	58	118.00	186	185.00	507	273.00	537
55.00	53	119.00	63	186.00	4454	274.00	1378
56.00	535	121.00	54	187.00	1175	275.00	8890
57.00	1514	122.00	344	188.00	176	276.00	1170
60.00	60	123.00	648	189.00	249	277.00	568
61.00	216	124.00	238	190.00	75	285.00	63
62.00	261	125.00	283	191.00	56	292.00	50
63.00	935	127.00	20624	192.00	339	293.00	71
64.00	67	128.00	1626	193.00	402	295.00	65
65.00	495	129.00	7940	194.00	58	296.00	1751
66.00	58	130.00	646	196.00	1153	297.00	266
67.00	16	131.00	84	198.00	40984	303.00	241
68.00	189	134.00	193	199.00	2818	314.00	83
69.00	25200	135.00	573	200.00	209	315.00	194
70.00	255	136.00	220	201.00	175	316.00	68
71.00	130	137.00	269	203.00	183	321.00	67
73.00	149	141.00	932	204.00	990	323.00	701
74.00	1786	142.00	286	205.00	1795	324.00	127
75.00	3128	143.00	171	206.00	8275	327.00	118
76.00	1090	145.00	66	207.00	1160	333.00	51
77.00	22592	146.00	122	208.00	252	334.00	429
78.00	1447	147.00	543	211.00	356	335.00	74
79.00	1349	148.00	898	216.00	195	341.00	55

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94460.D\8270_4R.rslt\spectra.d

Injection Date: 12-Mar-2014 04:31:30

Spectrum: Tune Spec: Scans 232-234(5.74-5.77) Bgrd 230(5.72)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 216

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	965	149.00	251	217.00	2018	346.00	96
81.00	1234	150.00	82	218.00	275	352.00	217
82.00	468	151.00	167	221.00	2221	353.00	93
83.00	381	152.00	151	223.00	594	354.00	227
84.00	145	153.00	298	224.00	4397	365.00	785
85.00	388	154.00	211	225.00	1138	366.00	91
86.00	399	155.00	508	227.00	1672	372.00	392
87.00	228	156.00	674	228.00	232	373.00	75
88.00	50	157.00	208	229.00	349	383.00	62
91.00	278	158.00	145	231.00	212	390.00	55
92.00	462	159.00	57	234.00	61	402.00	125
93.00	1848	160.00	341	235.00	155	403.00	133
94.00	209	161.00	442	236.00	52	404.00	50
96.00	129	162.00	124	237.00	177	421.00	146
98.00	1433	165.00	383	241.00	65	422.00	227
99.00	999	166.00	109	242.00	181	423.00	1637
100.00	149	167.00	1803	243.00	286	424.00	316
101.00	691	168.00	708	244.00	3837	441.00	4934
103.00	243	169.00	62	245.00	508	442.00	34848
104.00	386	170.00	124	246.00	532	443.00	6714
105.00	366	172.00	158	247.00	128	444.00	698

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94460.D
Injection Date: 12-Mar-2014 04:31:30 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

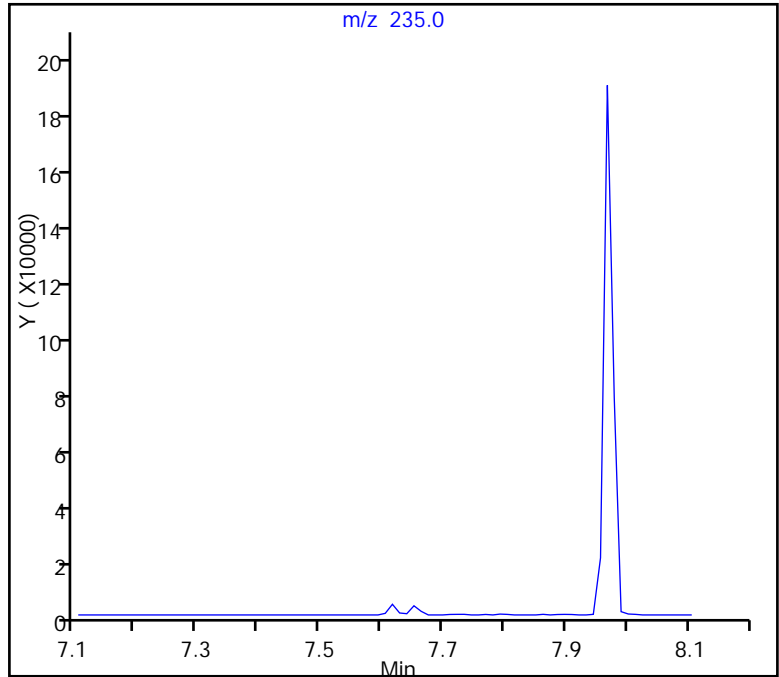
116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 191376
114 4,4'-DDD, Area = 3767
115 4,4'-DDE, Area = 788

%Breakdown: 2.32%, Max Limit: 20.00%
Passed



TestAmerica Edison

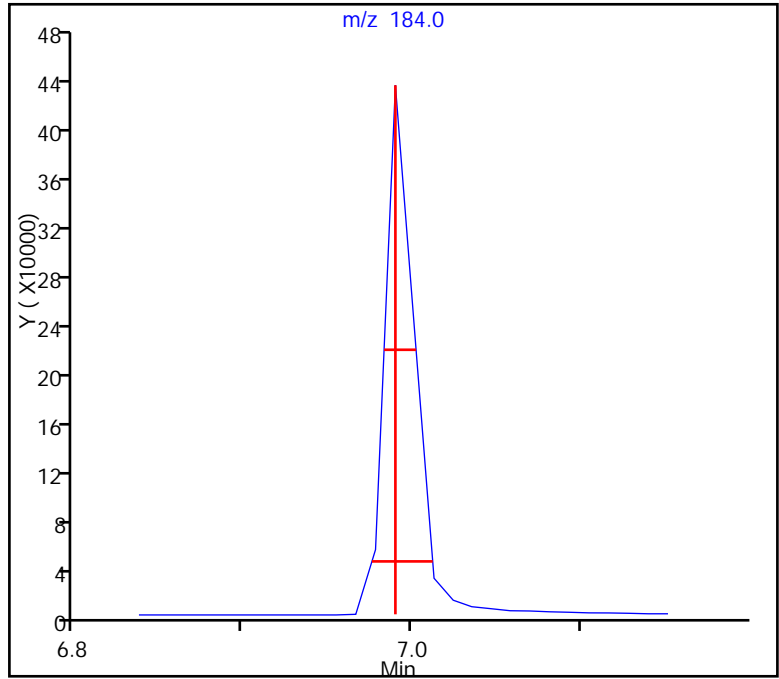
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Injection Date: 12-Mar-2014 04:31:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.6, Max. Tailing < 3.00
Passed



TestAmerica Edison

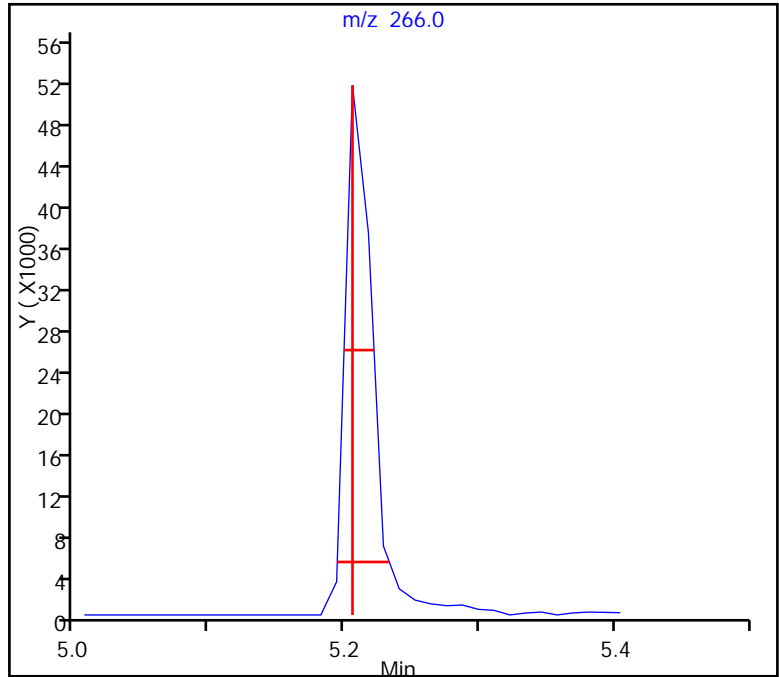
Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94460.D
Injection Date: 12-Mar-2014 04:31:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.027 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 2.4, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 13-Mar-2014 02:05:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010792-001
 Misc. Info.: dftpp
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 19:00:38 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: asfawa Date: 13-Mar-2014 02:17:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
80 Pentachlorophenol_T	266	5.227	5.227	0.0	90	52965	NR	7
89 Benzidine_T	184	7.002	7.002	0.0	98	498072	NR	7
120 DFTPP								
114 4,4'-DDD	235	7.631	7.631	0.0	33	2945	NR	7
116 4,4'-DDT	235	7.980	7.980	0.0	98	197264	NR	7

QC Flag Legend

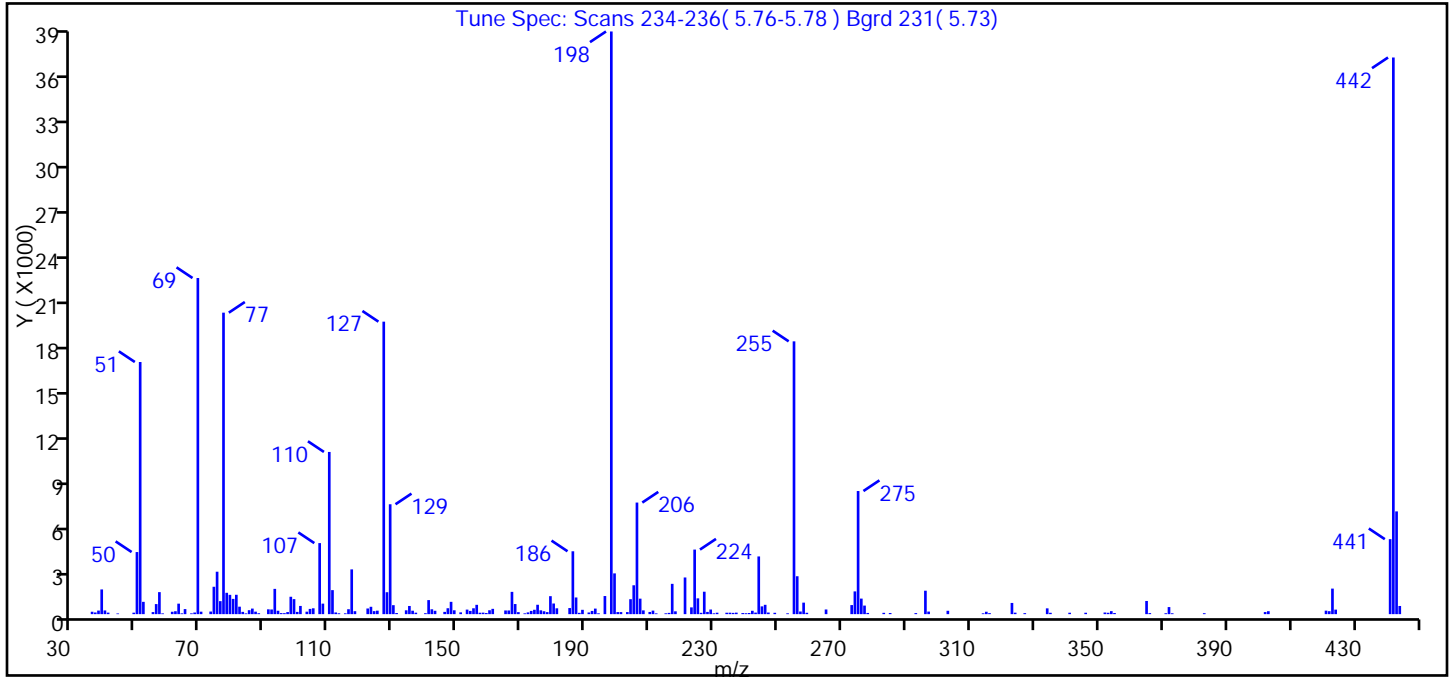
Processing Flags

7 - Failed Limit of Detection

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D
 Injection Date: 13-Mar-2014 02:05:30 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	43.30
68	Less than 2.00% of mass 69	0.30 (0.50)
69	Present	57.70
70	Less than 2.00% of mass 69	0.40 (0.70)
127	40.00 - 60.00% of mass 198	50.20
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.00
275	10.00 - 30.00% of mass 198	21.10
365	Greater than 1.00% of mass 198	2.30
441	Present, but less than mass 443	12.90 (73.00)
442	Greater than 40.00% of mass 198	95.50
443	17.00 - 23.00% of mass 442	17.60 (18.50)

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D\8270_4R.rslt\spectra.d
Injection Date: 13-Mar-2014 02:05:30
Spectrum: Tune Spec: Scans 234-236(5.76-5.78) Bgrd 231(5.73)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	158	105.00	385	177.00	190	246.00	614
37.00	109	107.00	4675	178.00	133	247.00	106
38.00	235	108.00	692	179.00	1183	249.00	89
39.00	1626	110.00	10674	180.00	700	253.00	55
40.00	243	111.00	1580	181.00	384	255.00	17952
41.00	100	112.00	110	185.00	401	256.00	2494
44.00	45	113.00	56	186.00	4137	257.00	174
49.00	96	115.00	55	187.00	1097	258.00	757
50.00	4086	116.00	324	188.00	86	259.00	91
51.00	16592	117.00	2945	189.00	285	265.00	307
52.00	810	118.00	195	191.00	109	273.00	596
55.00	135	122.00	372	192.00	211	274.00	1497
56.00	662	123.00	484	193.00	365	275.00	8102
57.00	1449	124.00	198	194.00	54	276.00	1023
58.00	51	125.00	228	196.00	1192	277.00	563
61.00	157	127.00	19248	198.00	38344	278.00	79
62.00	192	128.00	1443	199.00	2682	283.00	87
63.00	690	129.00	7231	200.00	136	285.00	74
64.00	52	130.00	590	201.00	135	293.00	69
65.00	333	131.00	72	203.00	135	296.00	1542
67.00	52	134.00	253	204.00	984	297.00	169
68.00	106	135.00	537	205.00	1900	303.00	221
69.00	22120	136.00	226	206.00	7343	314.00	55
70.00	162	137.00	96	207.00	1019	315.00	158
73.00	171	140.00	63	208.00	247	316.00	67
74.00	1802	141.00	924	210.00	144	323.00	737
75.00	2792	142.00	320	211.00	232	324.00	97
76.00	855	143.00	221	212.00	50	327.00	66
77.00	19840	146.00	149	215.00	55	334.00	381
78.00	1405	147.00	389	216.00	83	335.00	89
79.00	1270	148.00	810	217.00	1994	341.00	93
80.00	1004	149.00	253	218.00	186	346.00	92
81.00	1274	151.00	117	221.00	2413	352.00	107

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D\8270_4R.rslt\spectra.d

Injection Date: 13-Mar-2014 02:05:30

Spectrum: Tune Spec: Scans 234-236(5.76-5.78) Bgrd 231(5.73)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 211

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	491	153.00	299	223.00	445	353.00	90
83.00	150	154.00	212	224.00	4249	354.00	198
84.00	50	155.00	386	225.00	1040	355.00	74
85.00	260	156.00	613	226.00	87	365.00	866
86.00	366	157.00	93	227.00	1476	366.00	69
87.00	164	158.00	99	228.00	147	371.00	60
88.00	60	159.00	73	229.00	304	372.00	465
91.00	317	160.00	256	230.00	54	373.00	58
92.00	307	161.00	349	231.00	95	383.00	62
93.00	1663	165.00	242	234.00	93	402.00	137
94.00	223	166.00	242	235.00	95	403.00	193
95.00	70	167.00	1466	236.00	83	421.00	229
96.00	65	168.00	665	237.00	99	422.00	195
97.00	137	169.00	132	239.00	72	423.00	1681
98.00	1144	171.00	53	240.00	60	424.00	297
99.00	988	172.00	115	241.00	75	441.00	4934
100.00	148	173.00	213	242.00	221	442.00	36632
101.00	540	174.00	288	243.00	101	443.00	6762
103.00	162	175.00	617	244.00	3797	444.00	537
104.00	344	176.00	251	245.00	512		

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D
Injection Date: 13-Mar-2014 02:05:30 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

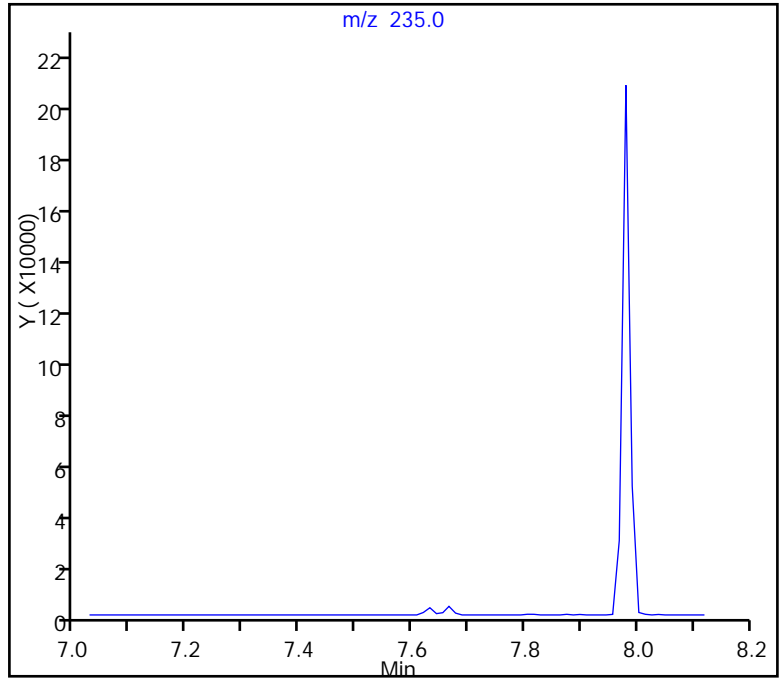
116 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 197264
114 4,4'-DDD, Area = 2945
115 4,4'-DDE, Area = 0

%Breakdown: 1.47%, Max Limit: 20.00%
Passed



TestAmerica Edison

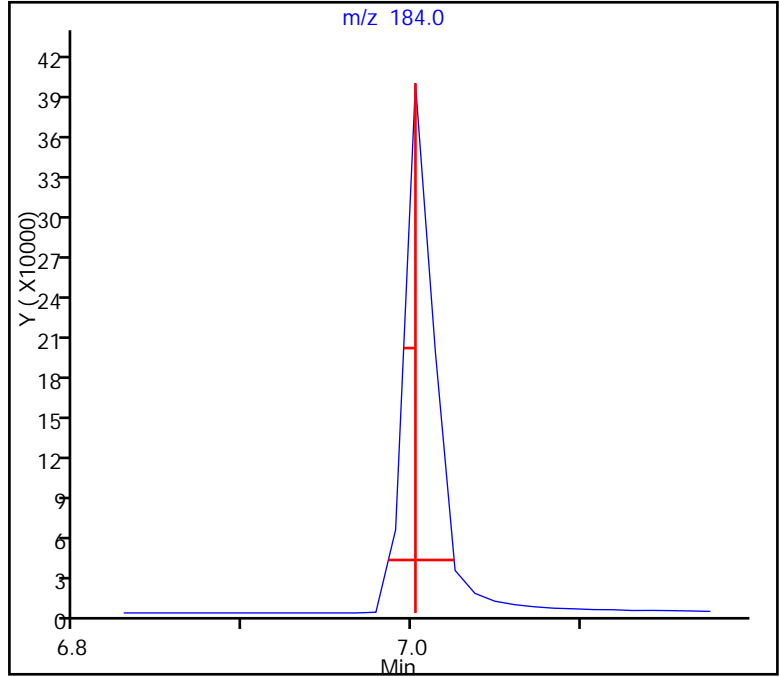
Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D
Injection Date: 13-Mar-2014 02:05:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed



TestAmerica Edison

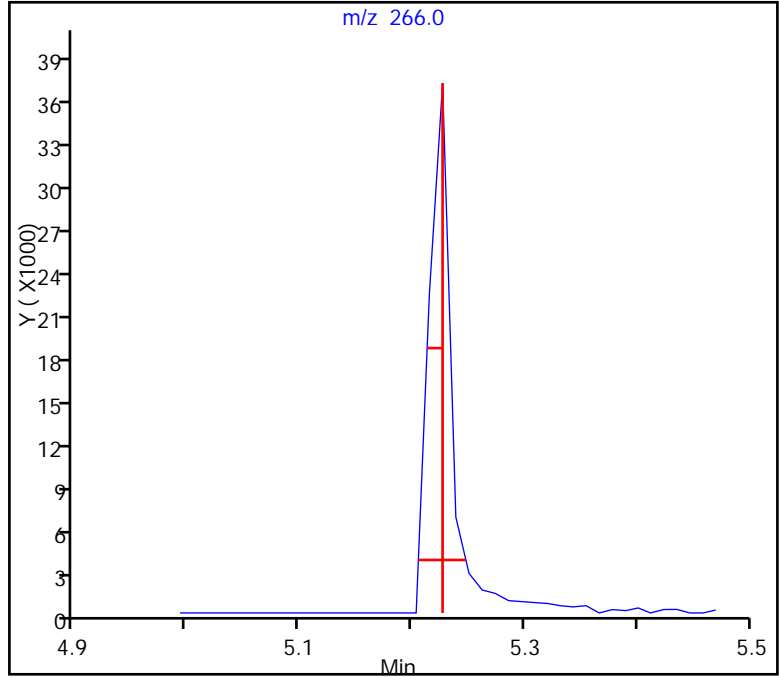
Data File: \\EDICHROM\ChromData\CBNAMS4\20140313-10792.b\U94490.D
Injection Date: 13-Mar-2014 02:05:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_4R Limit Group: SV 8270 ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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	

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.)	Diff 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	

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

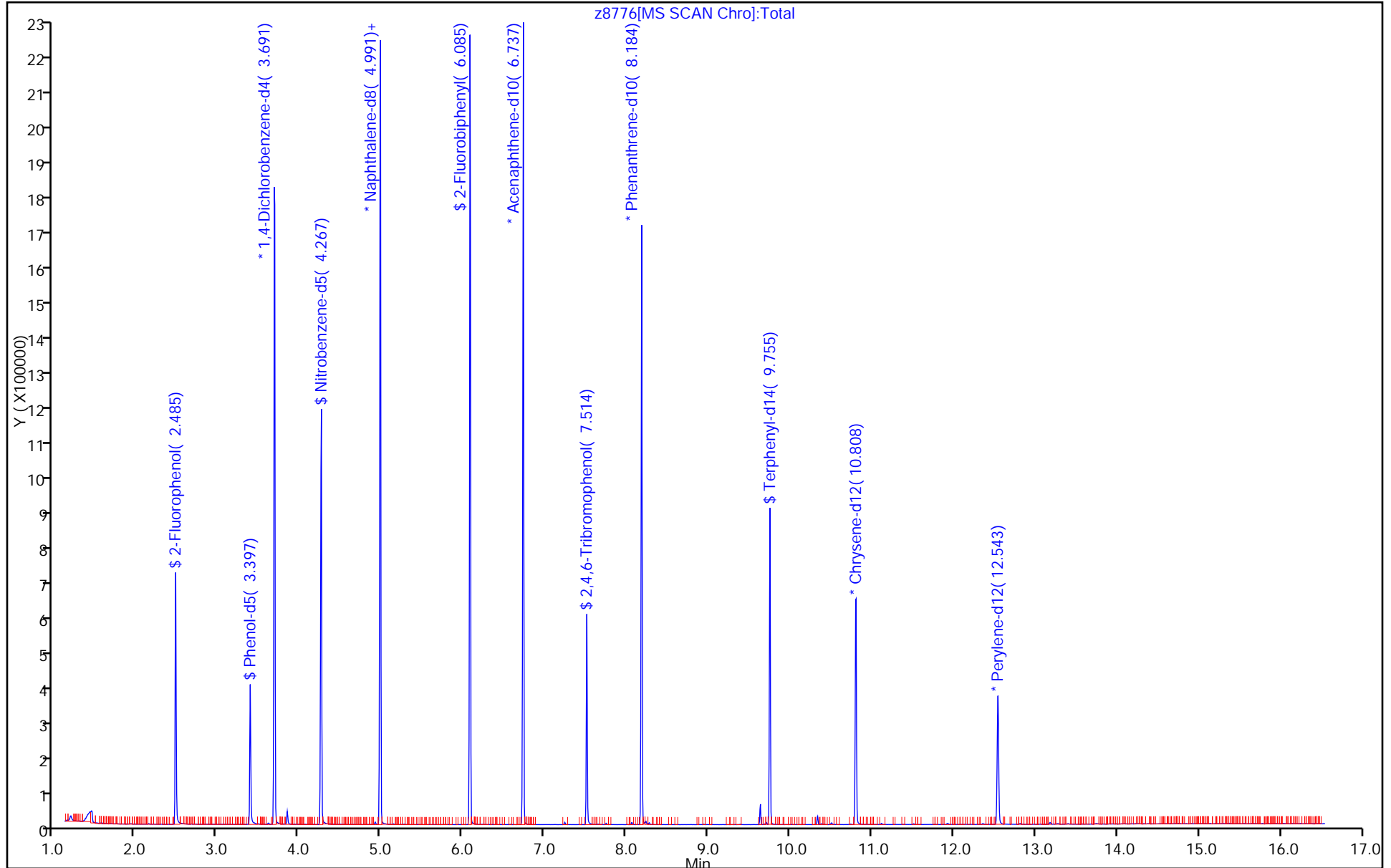
Dil. Factor: 1.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211814/1-A
 Matrix: Solid Lab File ID: L1147894.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 10:23
 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.: 212016 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	330	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	330	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211814/1-A
 Matrix: Solid Lab File ID: L1147894.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 10:23
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	210	U	330	210
51-28-5	2,4-Dinitrophenol	190	U	670	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	670	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	670	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	330	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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211814/1-A
 Matrix: Solid Lab File ID: L1147894.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 10:23
 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.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	50		19-114
4165-62-2	Phenol-d5	73		44-104
367-12-4	2-Fluorophenol	71		39-103
4165-60-0	Nitrobenzene-d5	81		40-106
321-60-8	2-Fluorobiphenyl	79		49-112
1718-51-0	Terphenyl-d14	90		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211814/1-A
 Matrix: Solid Lab File ID: L1147894.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 10:23
 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.: 212016 Units: ug/Kg
 Number TICs Found: 1 TIC Result Total: 6290

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	2.18	6290	J A

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147894.D
 Lims ID: MB 460-211814/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 10:23:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-011
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 13:01:26 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: XAWRK021

First Level Reviewer: bayoumiw

Date: 13-Mar-2014 13:01:52

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.460	2.437	0.023	93	147981	35.6	
\$ 6 Phenol-d5	99	3.366	3.372	-0.006	68	175762	36.3	
* 13 1,4-Dichlorobenzene-d4	152	3.719	3.713	0.006	96	146929	40.0	
\$ 25 Nitrobenzene-d5	82	4.290	4.295	-0.005	93	168719	40.6	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	539007	40.0	
23 2-Toluidine	107	5.019	5.053	-0.034	33	2930	NC	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	98	312131	39.7	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	93	240998	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	95	28759	24.8	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	296245	40.0	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	98	156249	45.1	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	162923	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	161044	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147894.D
 Lims ID: MB 460-211814/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 10:23:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-011
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 13:01:26 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: XAWRK021
 First Level Reviewer: bayoumiw Date: 13-Mar-2014 13:01:52

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Aldol condensation product								
2.184	2111110	94.3	13	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	3.719	895539	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147894.D

Injection Date: 12-Mar-2014 10:23:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: MB 460-211814/1-A

Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul

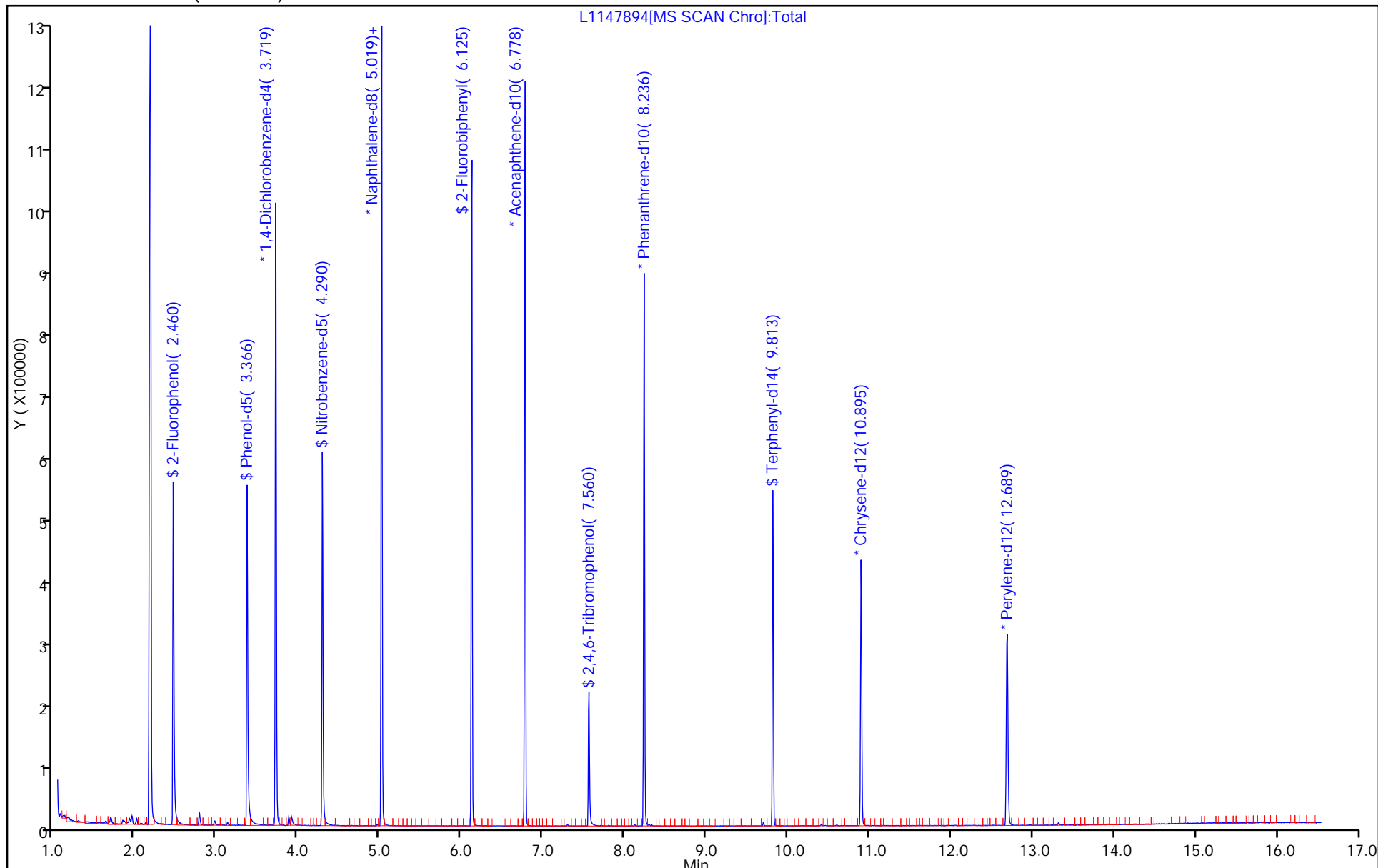
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147894.D

Injection Date: 12-Mar-2014 10:23:30

Instrument ID: CBNAMS12

Lims ID: MB 460-211814/1-A

Client ID:

Operator ID: BNA 12

ALS Bottle#: 11

Worklist Smp#: 11

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

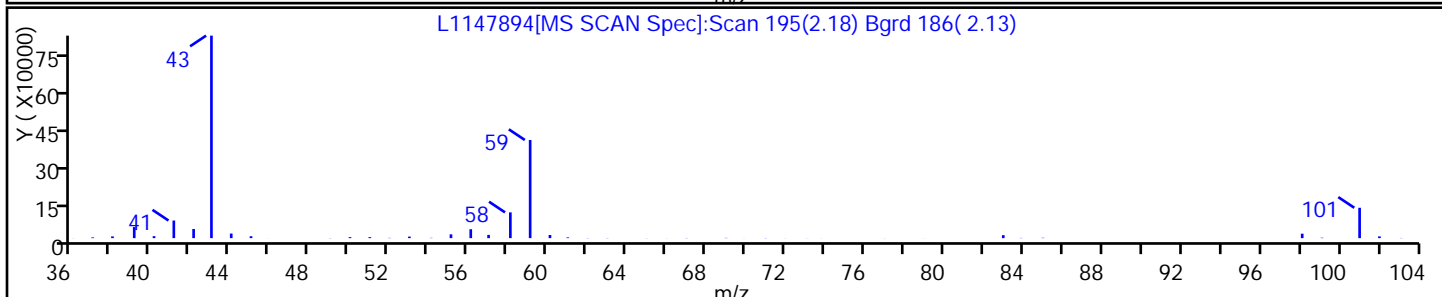
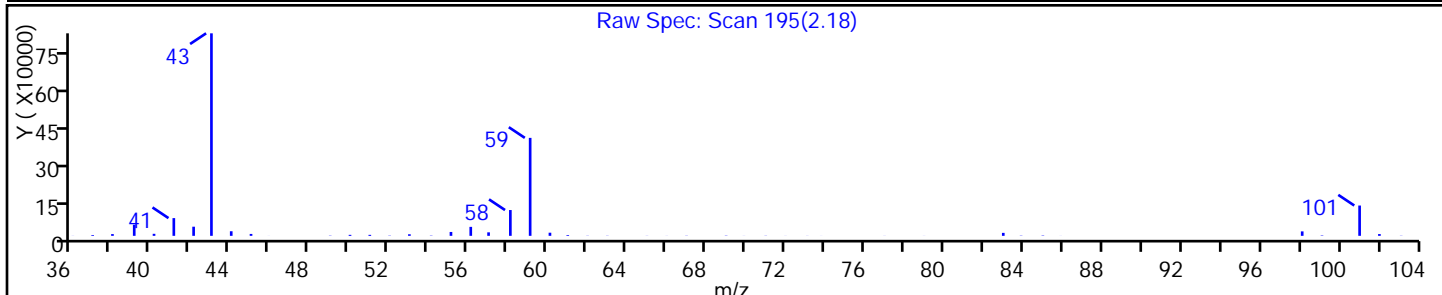
Method: 8270_12R

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211817/1-A
 Matrix: Solid Lab File ID: U94469.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 08:43
 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.: 212014 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211817/1-A
 Matrix: Solid Lab File ID: U94469.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 08:43
 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.: 212014 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211817/1-A
 Matrix: Solid Lab File ID: U94469.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 08:43
 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.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	107		19-114
4165-62-2	Phenol-d5	98		44-104
367-12-4	2-Fluorophenol	90		39-103
4165-60-0	Nitrobenzene-d5	86		40-106
321-60-8	2-Fluorobiphenyl	82		49-112
1718-51-0	Terphenyl-d14	119		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211817/1-A
 Matrix: Solid Lab File ID: U94469.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 08:43
 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.: 212014 Units: ug/Kg
 Number TICs Found: 1 TIC Result Total: 10300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	2.83	10300	J A

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94469.D
 Lims ID: MB 460-211817/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 08:43:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-010
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:23:04 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: 12-Mar-2014 13:40:20

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.135	3.121	0.014	89	294357	45.2	
\$ 6 Phenol-d5	99	4.041	4.068	-0.027	71	386835	49.2	
* 13 1,4-Dichlorobenzene-d4	152	4.413	4.410	0.003	97	148893	40.0	
\$ 25 Nitrobenzene-d5	82	4.959	4.977	-0.018	93	353135	42.9	
* 35 Naphthalene-d8	136	5.690	5.690	0.0	100	669046	40.0	
\$ 48 2-Fluorobiphenyl	172	6.761	6.765	-0.004	97	489759	41.1	
* 61 Acenaphthene-d10	164	7.437	7.436	0.001	92	348734	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.206	8.219	-0.013	90	71561	53.4	
* 83 Phenanthrene-d10	188	8.894	8.891	0.003	99	587159	40.0	
\$ 91 Terphenyl-d14	244	10.465	10.465	0.0	99	383660	59.5	
* 96 Chrysene-d12	240	11.652	11.661	-0.009	95	277556	40.0	
* 103 Perylene-d12	264	13.570	13.580	-0.010	96	215381	40.0	

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94469.D
 Lims ID: MB 460-211817/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 08:43:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-010
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:23:04 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: croccom Date: 12-Mar-2014 13:40:20

Tentative Identified Compound Results

RT	Response	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Aldol condensation product								
2.833	3921712	154.2	13	0	0		0	

Quantitation Compounds

Compound	RT	Response	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.413	1017390	40.0

QC Flag Legend

Processing Flags

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94469.D

Injection Date: 12-Mar-2014 08:43:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: MB 460-211817/1-A

Worklist Smp#: 10

Client ID:

Injection Vol: 1.0 ul

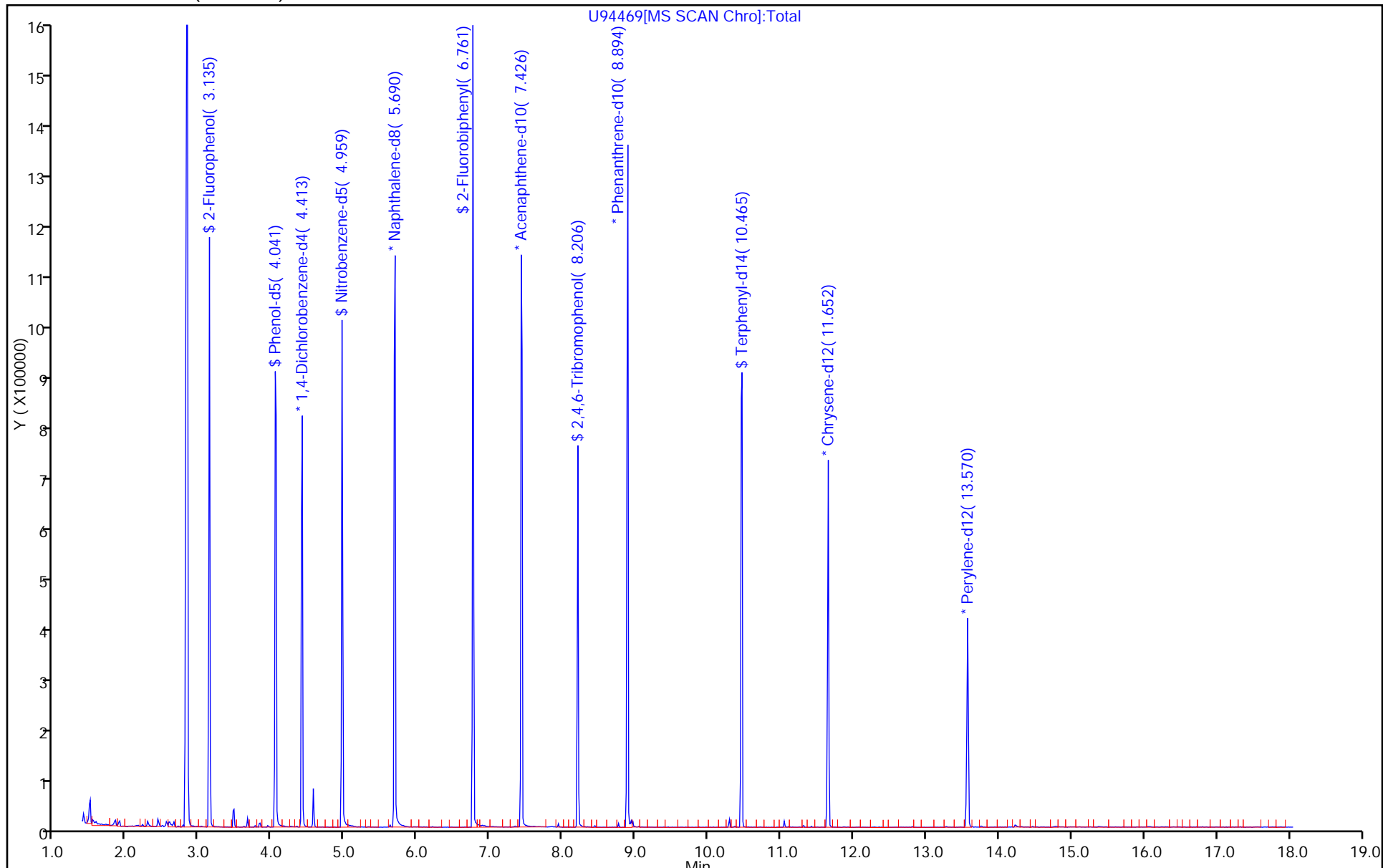
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94469.D

Injection Date: 12-Mar-2014 08:43:30

Instrument ID: CBNAMS4

Lims ID: MB 460-211817/1-A

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

10

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: 8270_4R

Limit Group:

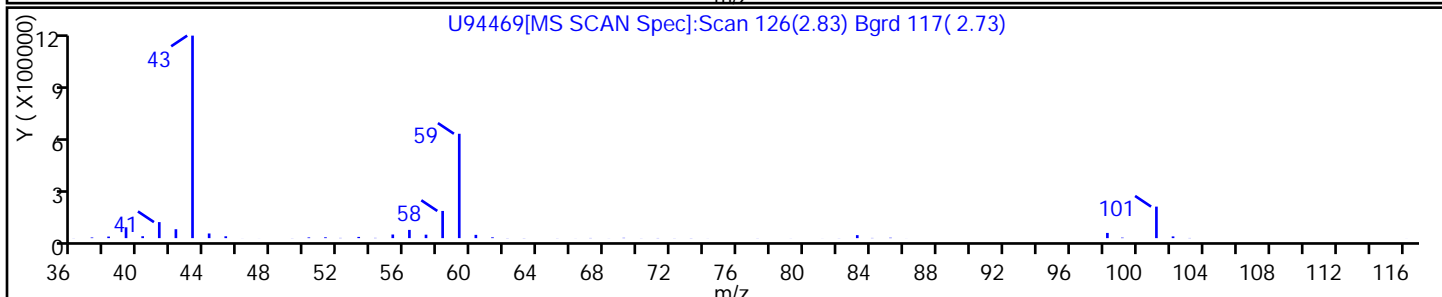
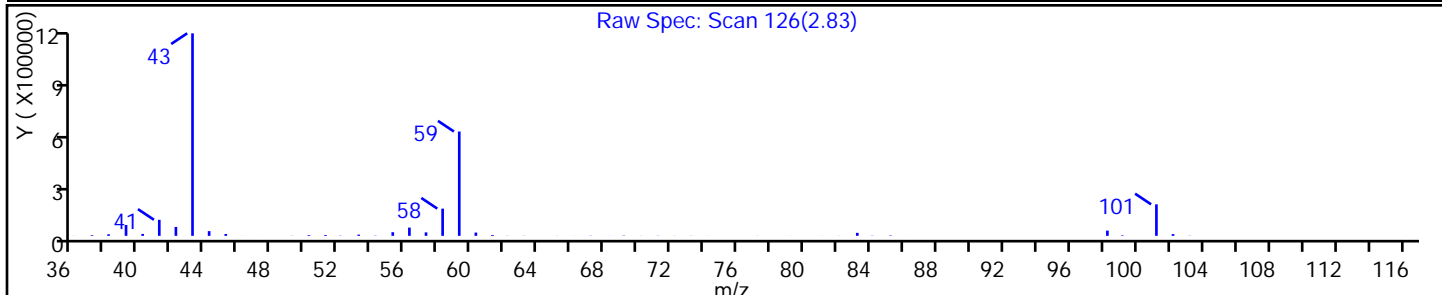
SV 8270 ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product		NIST02.L	0		0	0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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

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.)	Diff 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.)	Diff 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	

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

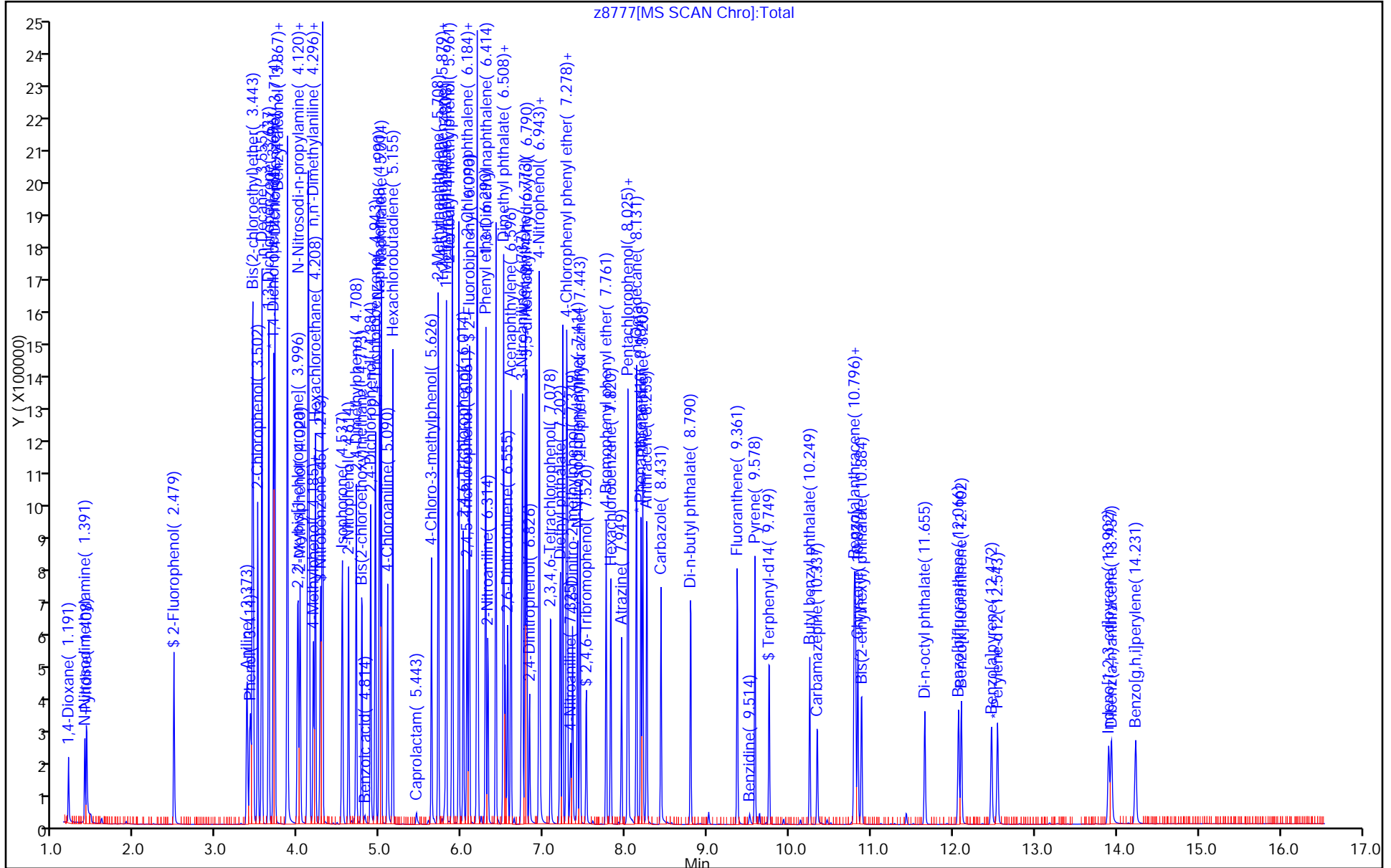
Dil. Factor: 1.0000

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.: 460-72180-1
 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

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.)	Diff 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	

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

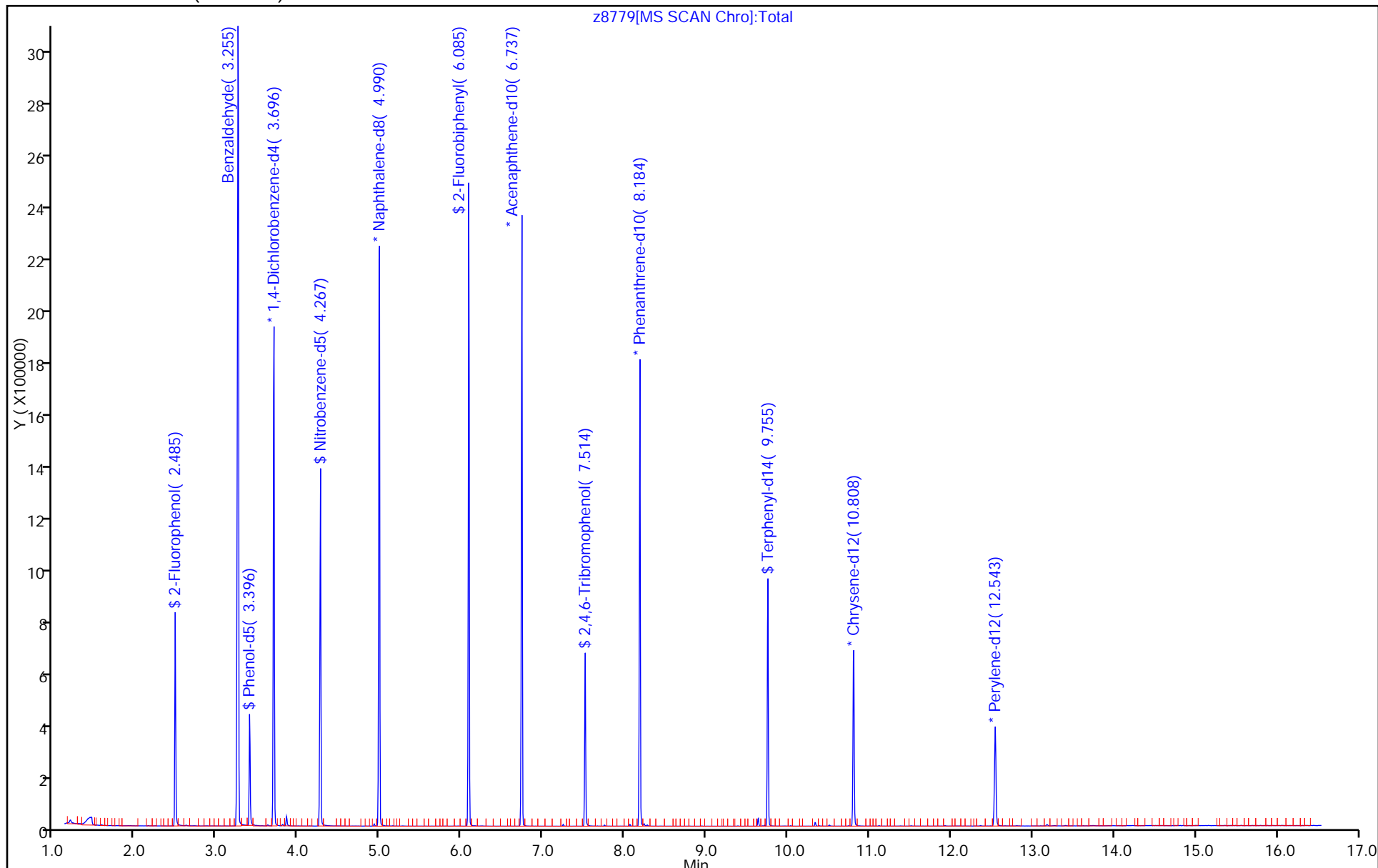
Dil. Factor: 1.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211814/2-A
 Matrix: Solid Lab File ID: L1147895.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 10:47
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2310		330	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	48		19-114
4165-62-2	Phenol-d5	71		44-104
367-12-4	2-Fluorophenol	69		39-103
4165-60-0	Nitrobenzene-d5	78		40-106
321-60-8	2-Fluorobiphenyl	74		49-112
1718-51-0	Terphenyl-d14	87		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147895.D
 Lims ID: LCS 460-211814/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 10:47:30 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-012
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 13:06:35 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: XAWRK021

First Level Reviewer: croccom

Date: 12-Mar-2014 16:48:33

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.454	2.437	0.017	93	153203	34.4	
5 Benzaldehyde	77	3.266	3.260	0.006	87	122760	34.7	
\$ 6 Phenol-d5	99	3.360	3.372	-0.012	68	184959	35.6	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	157468	40.0	
\$ 25 Nitrobenzene-d5	82	4.289	4.295	-0.006	93	174944	39.1	
* 35 Naphthalene-d8	136	5.013	5.019	-0.006	100	580391	40.0	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	321855	37.1	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	265834	40.0	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	94	30764	24.1	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	328897	40.0	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	99	165134	43.4	
* 96 Chrysene-d12	240	10.895	10.901	-0.006	99	178899	40.0	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	174912	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147895.D

Injection Date: 12-Mar-2014 10:47:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: LCS 460-211814/2-A

Worklist Smp#: 12

Client ID:

Injection Vol: 1.0 ul

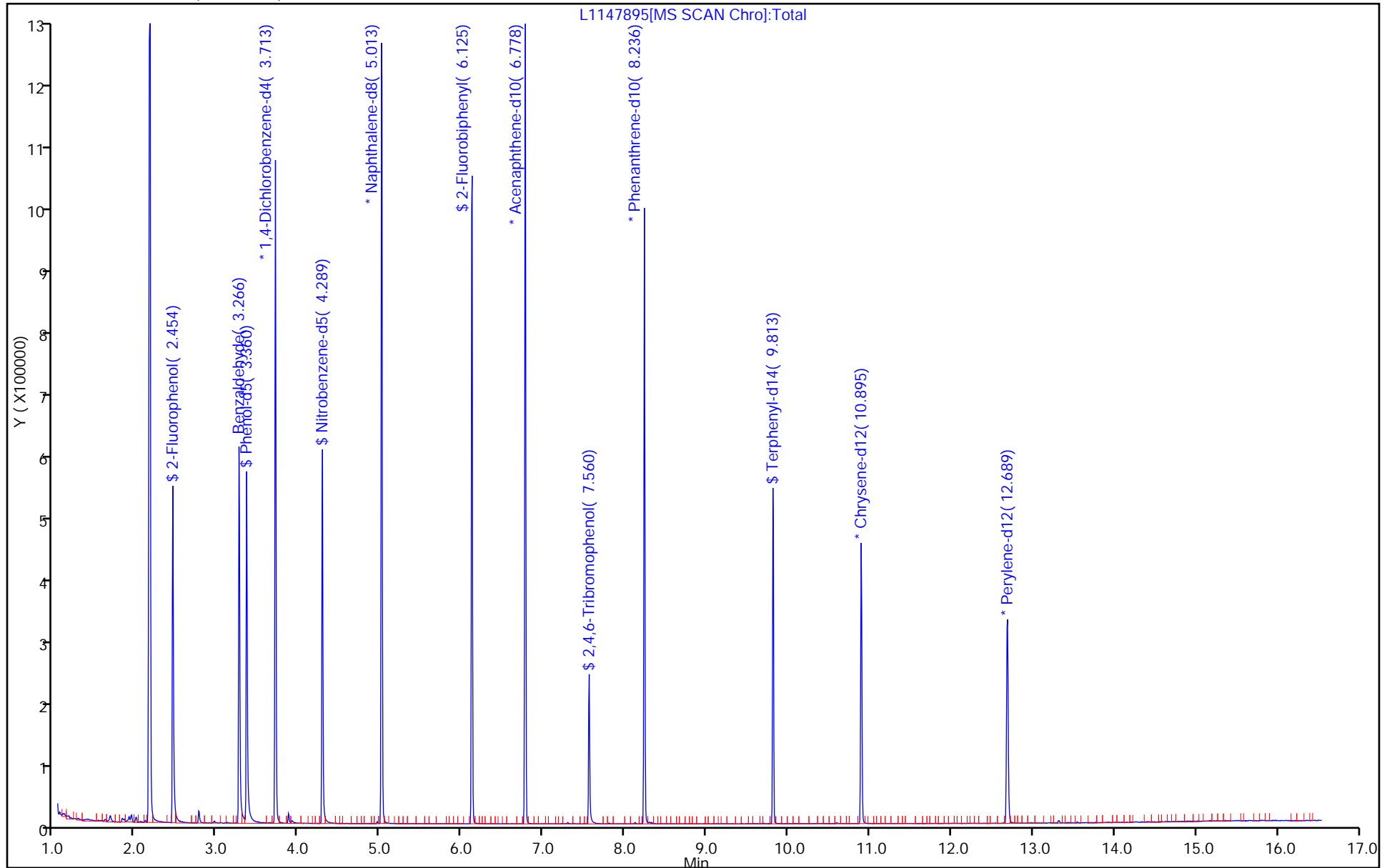
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211814/3-A
 Matrix: Solid Lab File ID: L1147896.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 11:13
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2050		330	44
95-57-8	2-Chlorophenol	2100		330	44
95-48-7	2-Methylphenol	2150		330	56
106-44-5	4-Methylphenol	2100		330	65
98-86-2	Acetophenone	2220		330	51
111-44-4	Bis(2-chloroethyl) ether	2290		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2340		330	37
621-64-7	N-Nitrosodi-n-propylamine	2330		33	5.5
98-95-3	Nitrobenzene	2440		33	4.7
67-72-1	Hexachloroethane	2250		33	3.7
78-59-1	Isophorone	2290		330	40
88-75-5	2-Nitrophenol	2210		330	37
105-67-9	2,4-Dimethylphenol	2110		330	82
120-83-2	2,4-Dichlorophenol	2080		330	48
111-91-1	Bis(2-chloroethoxy)methane	2250		330	43
91-20-3	Naphthalene	2190		330	38
106-47-8	4-Chloroaniline	749		330	88
87-68-3	Hexachlorobutadiene	2160		67	8.1
105-60-2	Caprolactam	1810		330	76
59-50-7	4-Chloro-3-methylphenol	2110		330	50
91-57-6	2-Methylnaphthalene	2170		330	43
118-74-1	Hexachlorobenzene	2200		33	4.5
77-47-4	Hexachlorocyclopentadiene	2760		330	39
88-06-2	2,4,6-Trichlorophenol	2130		330	39
95-95-4	2,4,5-Trichlorophenol	2130		330	43
92-52-4	Diphenyl	2320		330	44
91-58-7	2-Chloronaphthalene	2280		330	37
88-74-4	2-Nitroaniline	2300		330	140
606-20-2	2,6-Dinitrotoluene	2160		67	10
131-11-3	Dimethyl phthalate	2110		330	39
208-96-8	Acenaphthylene	2290		330	39
99-09-2	3-Nitroaniline	1300		330	120
83-32-9	Acenaphthene	2230		330	48
100-02-7	4-Nitrophenol	3620		330	210

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211814/3-A
 Matrix: Solid Lab File ID: L1147896.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 11:13
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	3410		670	190
132-64-9	Dibenzofuran	2170		330	39
84-66-2	Diethyl phthalate	2050		330	39
86-73-7	Fluorene	2110		330	42
206-44-0	Fluoranthene	2000		330	44
84-74-2	Di-n-butyl phthalate	2020		330	41
121-14-2	2,4-Dinitrotoluene	2100		67	11
7005-72-3	4-Chlorophenyl phenyl ether	2060		330	39
100-01-6	4-Nitroaniline	1870		670	100
534-52-1	4,6-Dinitro-2-methylphenol	4270		670	90
101-55-3	4-Bromophenyl phenyl ether	2210		330	33
1912-24-9	Atrazine	1890		330	51
120-12-7	Anthracene	2250		330	40
86-74-8	Carbazole	2170		330	39
85-01-8	Phenanthrene	2230		330	42
87-86-5	Pentachlorophenol	3590		670	99
129-00-0	Pyrene	2580		330	28
218-01-9	Chrysene	2290		330	39
207-08-9	Benzo[k]fluoranthene	2230		33	2.5
191-24-2	Benzo[g,h,i]perylene	2420		330	25
205-99-2	Benzo[b]fluoranthene	2280		33	2.1
50-32-8	Benzo[a]pyrene	2260		33	2.3
56-55-3	Benzo[a]anthracene	2200		33	2.3
86-30-6	N-Nitrosodiphenylamine	2390		330	33
85-68-7	Butyl benzyl phthalate	2330		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2080		330	110
117-84-0	Di-n-octyl phthalate	2250		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2470		33	6.2
53-70-3	Dibenz(a,h)anthracene	2460		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1190		330	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2270		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	1990		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211814/3-A
 Matrix: Solid Lab File ID: L1147896.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 11:13
 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.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	49		19-114
4165-62-2	Phenol-d5	59		44-104
367-12-4	2-Fluorophenol	57		39-103
4165-60-0	Nitrobenzene-d5	65		40-106
321-60-8	2-Fluorobiphenyl	65		49-112
1718-51-0	Terphenyl-d14	67		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147896.D
 Lims ID: LCS 460-211814/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 11:13:30 ALS Bottle#: 13 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010745-013
 Operator ID: BNA 12 Instrument ID: CBNAMS12
 Method: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\8270_12R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 13:06:35 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: XAWRK021

First Level Reviewer: croccom

Date: 12-Mar-2014 16:49:41

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.190	1.143	0.047	95	34836	19.2	
2 N-Nitrosodimethylamine	74	1.396	1.354	0.042	68	77941	33.3	
3 Pyridine	79	1.419	1.378	0.041	76	107896	26.7	
\$ 4 2-Fluorophenol	112	2.454	2.437	0.017	94	127878	28.5	
\$ 6 Phenol-d5	99	3.366	3.372	-0.006	85	153995	29.4	
8 Aniline	93	3.378	3.378	0.0	62	124281	18.8	
7 Phenol	94	3.384	3.384	0.0	87	178157	30.7	
9 Bis(2-chloroethyl)ether	93	3.460	3.460	0.0	90	144366	34.3	
124 Benzonitrile	103	3.466	3.472	-0.006	41	328554	NC	
10 2-Chlorophenol	128	3.501	3.501	0.0	90	158530	31.5	
11 n-Decane	43	3.566	3.572	-0.006	96	224992	29.6	
12 1,3-Dichlorobenzene	146	3.654	3.654	0.0	94	186735	31.4	
* 13 1,4-Dichlorobenzene-d4	152	3.713	3.713	0.0	96	158763	40.0	
14 1,4-Dichlorobenzene	146	3.731	3.737	-0.006	92	190936	31.7	
15 Benzyl alcohol	108	3.872	3.878	-0.006	89	89544	32.5	
16 1,2-Dichlorobenzene	146	3.884	3.890	-0.006	94	180638	32.3	
17 2-Methylphenol	108	4.007	4.007	0.0	85	129128	32.2	
18 2,2'-oxybis[1-chloropropane]	45	4.013	4.019	-0.006	90	304734	35.1	
125 N-Methylaniline	106	4.131	4.137	-0.006	83	240538	NC	
19 Acetophenone	105	4.143	4.148	-0.006	93	198759	33.2	
20 N-Nitrosodi-n-propylamine	70	4.154	4.160	-0.006	95	103386	34.9	
22 3 & 4 Methylphenol	108	4.172	4.178	-0.006	98	129079	32.2	
21 4-Methylphenol	108	4.172	4.178	-0.006	95	124944	31.5	
24 Hexachloroethane	117	4.225	4.231	-0.006	92	76340	33.8	
\$ 25 Nitrobenzene-d5	82	4.295	4.295	0.0	93	142339	32.7	
26 Nitrobenzene	77	4.313	4.319	-0.006	81	223161	36.6	
27 n,n'-Dimethylaniline	120	4.319	4.319	0.0	88	271179	38.1	
28 Isophorone	82	4.566	4.566	0.0	97	235483	34.3	
29 2-Nitrophenol	139	4.642	4.643	-0.001	90	82416	33.1	
30 2,4-Dimethylphenol	122	4.713	4.713	0.0	91	119771	31.7	
31 Bis(2-chloroethoxy)methane	93	4.801	4.807	-0.006	96	155515	33.7	
32 Benzoic acid	122	4.842	4.848	-0.006	78	24901	29.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	4.895	4.901	-0.006	94	111453	31.2	
34 1,2,4-Trichlorobenzene	180	4.972	4.972	0.0	91	144779	32.6	
* 35 Naphthalene-d8	136	5.019	5.019	0.0	99	563525	40.0	
36 Naphthalene	128	5.042	5.042	0.0	94	435027	32.9	
37 4-Chloroaniline	127	5.113	5.119	-0.006	96	57275	11.2	
38 Hexachlorobutadiene	225	5.178	5.178	0.0	93	88202	32.5	
39 Caprolactam	113	5.478	5.472	0.006	86	21571	27.1	
40 4-Chloro-3-methylphenol	107	5.642	5.642	0.0	91	96732	31.6	
41 2-Methylnaphthalene	142	5.748	5.748	0.0	82	280435	32.6	
42 1-Methylnaphthalene	142	5.842	5.842	0.0	90	256557	32.3	
43 Hexachlorocyclopentadiene	237	5.907	5.913	-0.006	87	51767	41.4	
44 1,2,4,5-Tetrachlorobenzene	216	5.919	5.919	0.0	96	125211	34.1	
45 2-tertbutyl-4-methylphenol	149	5.984	5.984	0.0	90	189034	35.2	
46 2,4,6-Trichlorophenol	196	6.042	6.048	-0.006	89	68384	31.9	
47 2,4,5-Trichlorophenol	196	6.089	6.089	0.0	96	69258	31.9	
\$ 48 2-Fluorobiphenyl	172	6.125	6.125	0.0	97	260143	32.7	
49 1,1'-Biphenyl	154	6.219	6.225	-0.006	96	314291	34.8	
50 2-Chloronaphthalene	162	6.231	6.231	0.0	96	241484	34.2	
53 Phenyl ether	170	6.325	6.331	-0.006	89	174612	37.7	
54 2-Nitroaniline	65	6.348	6.354	-0.006	84	62398	34.6	
55 1,3-Dimethylnaphthalene	156	6.454	6.454	0.0	91	218465	39.0	
56 Dimethyl phthalate	163	6.548	6.548	0.0	98	218958	31.7	
57 Coumarin	146	6.554	6.554	0.0	79	80668	33.6	
58 2,6-Dinitrotoluene	165	6.601	6.601	0.0	85	51428	32.5	
59 Acenaphthylene	152	6.636	6.642	-0.006	97	355251	34.3	
60 3-Nitroaniline	138	6.760	6.766	-0.006	93	32726	19.5	
* 61 Acenaphthene-d10	164	6.778	6.778	0.0	94	243865	40.0	
62 Acenaphthene	154	6.813	6.813	0.0	92	211925	33.4	
63 3,5-di-tert-butyl-4-hydroxytol	205	6.825	6.831	-0.006	97	179797	31.5	
64 2,4-Dinitrophenol	184	6.884	6.889	-0.005	91	23989	51.1	
65 4-Nitrophenol	65	6.966	6.966	0.0	89	49079	54.3	
66 Dibenzofuran	168	6.984	6.989	-0.005	90	293656	32.5	
67 2,4-Dinitrotoluene	165	7.007	7.007	0.0	91	60505	31.5	
68 2,3,4,6-Tetrachlorophenol	232	7.119	7.125	-0.006	90	46922	29.8	
69 Diethyl phthalate	149	7.242	7.248	-0.006	97	209602	30.7	
70 Fluorene	166	7.319	7.325	-0.006	84	228595	31.6	
71 4-Chlorophenyl phenyl ether	204	7.331	7.336	-0.005	85	107026	30.9	
72 4-Nitroaniline	138	7.366	7.366	0.0	90	38837	28.1	
73 4,6-Dinitro-2-methylphenol	198	7.413	7.413	0.0	84	51646	64.0	
74 N-Nitrosodiphenylamine	169	7.454	7.460	-0.006	68	143858	35.9	
75 1,2-Diphenylhydrazine	77	7.489	7.489	0.0	99	216551	38.4	
\$ 76 2,4,6-Tribromophenol	330	7.560	7.566	-0.006	95	28562	24.4	
77 4-Bromophenyl phenyl ether	248	7.807	7.813	-0.006	84	57187	33.1	
78 Hexachlorobenzene	284	7.866	7.866	0.0	97	65365	32.9	
79 Atrazine	200	7.995	8.001	-0.006	87	39024	28.4	
121 Pentachlorophenol	266	8.072	8.072	0.0	85	46392	53.8	
81 Pentachloronitrobenzene	237	8.078	8.078	0.0	82	26921	36.7	
82 n-Octadecane	57	8.183	8.183	0.0	95	172755	38.9	
* 83 Phenanthrene-d10	188	8.236	8.236	0.0	99	305894	40.0	
84 Phenanthrene	178	8.260	8.266	-0.006	97	267536	33.5	
85 Anthracene	178	8.313	8.313	0.0	97	275029	33.7	
86 Carbazole	167	8.483	8.483	0.0	83	216297	32.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	8.848	8.854	-0.006	99	268423	30.3	
88 Fluoranthene	202	9.425	9.430	-0.005	98	228110	30.0	
122 Benzidine	184	9.577	9.577	0.0	89	19523	6.96	
90 Pyrene	202	9.642	9.648	-0.006	97	228072	38.7	
\$ 91 Terphenyl-d14	244	9.813	9.819	-0.006	99	145522	33.5	
92 Butyl benzyl phthalate	149	10.319	10.325	-0.005	95	90905	34.9	
93 Carbamazepine	193	10.413	10.419	-0.006	90	83639	38.4	
94 3,3'-Dichlorobenzidine	252	10.871	10.877	-0.006	99	35251	17.8	
95 Benzo[a]anthracene	228	10.889	10.895	-0.006	99	181212	33.1	
* 96 Chrysene-d12	240	10.901	10.901	0.0	98	204389	40.0	
97 Chrysene	228	10.930	10.930	0.0	96	166838	34.3	
98 Bis(2-ethylhexyl) phthalate	149	10.971	10.977	-0.006	86	115294	31.2	
99 Di-n-octyl phthalate	149	11.771	11.777	-0.006	93	191077	33.7	
100 Benzo[b]fluoranthene	252	12.201	12.207	-0.006	98	163773	34.2	
101 Benzo[k]fluoranthene	252	12.236	12.242	-0.006	99	171348	33.5	
102 Benzo[a]pyrene	252	12.618	12.624	-0.006	95	157880	33.9	
* 103 Perylene-d12	264	12.689	12.689	0.0	97	198343	40.0	
104 Indeno[1,2,3-cd]pyrene	276	14.095	14.107	-0.012	98	206492	37.0	M
105 Dibenz(a,h)anthracene	278	14.118	14.130	-0.012	92	196793	36.9	
106 Benzo[g,h,i]perylene	276	14.424	14.436	-0.012	91	204764	36.3	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147896.D

Injection Date: 12-Mar-2014 11:13:30

Instrument ID: CBNAMS12

Operator ID: BNA 12

Lims ID: LCS 460-211814/3-A

Worklist Smp#: 13

Client ID:

Injection Vol: 1.0 ul

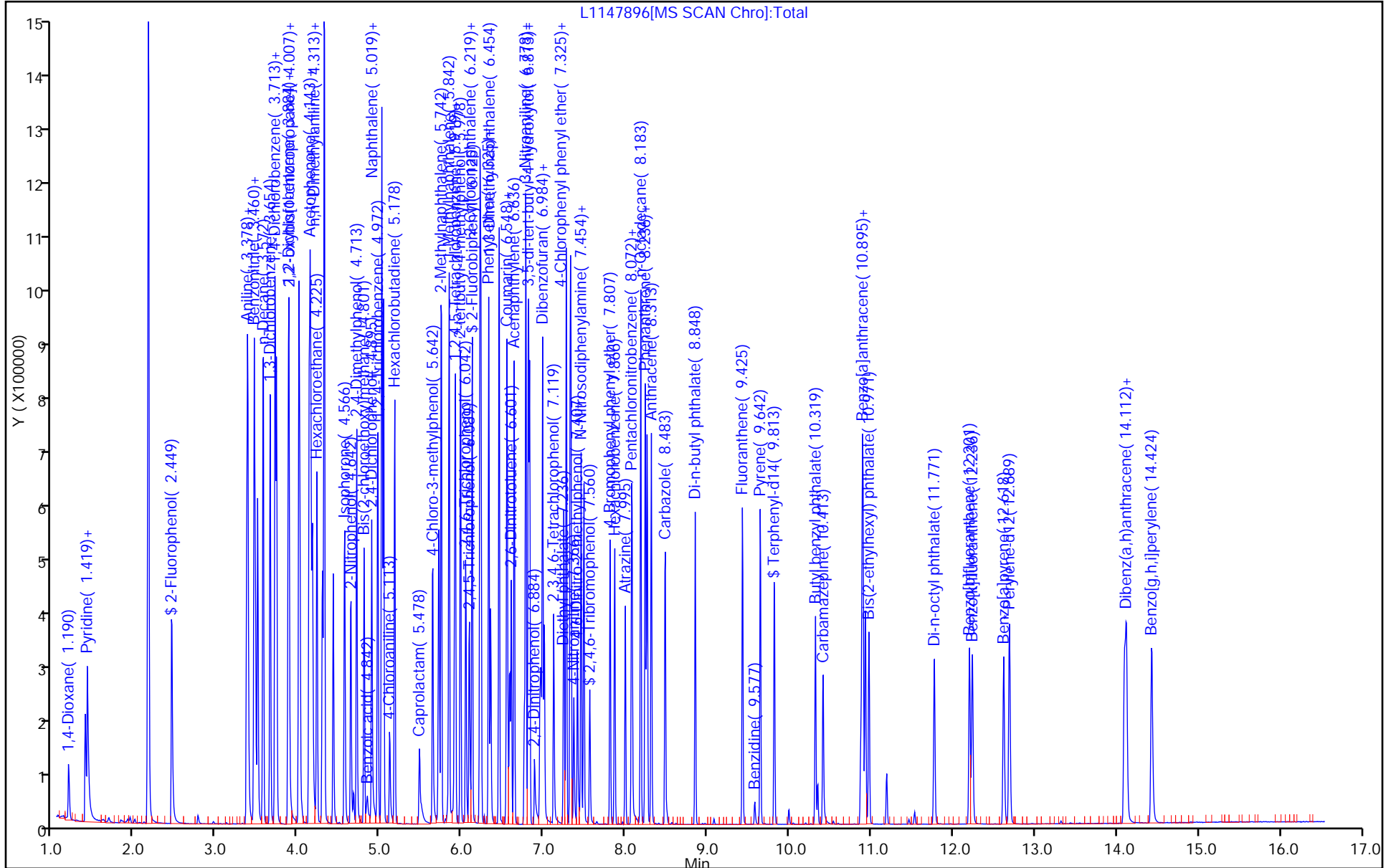
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8270_12R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



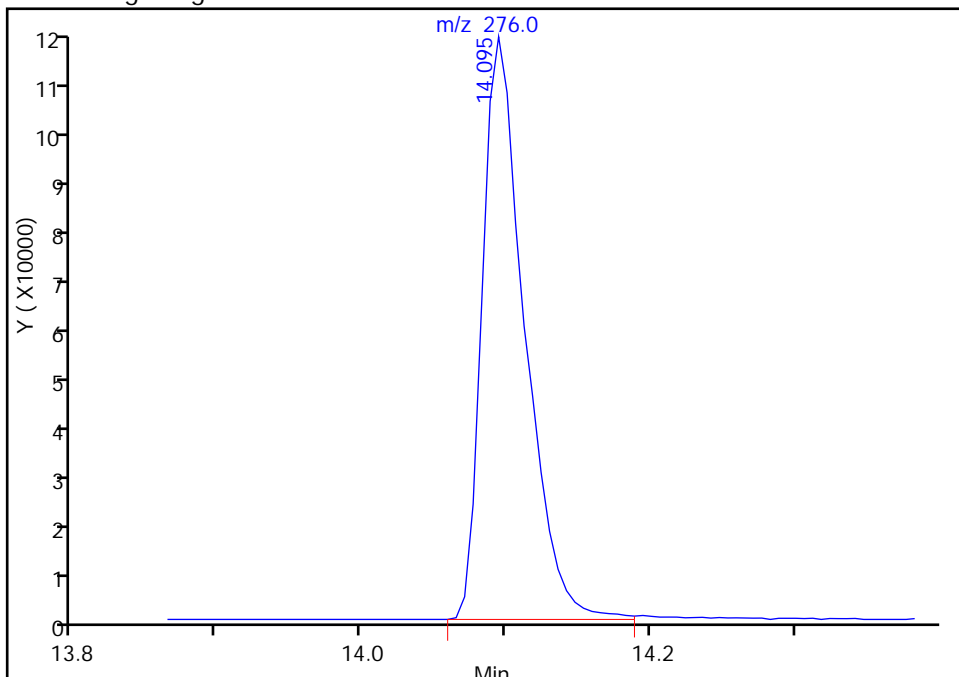
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS12\20140312-10745.b\L1147896.D
Injection Date: 12-Mar-2014 11:13:30 Instrument ID: CBNAMS12
Lims ID: LCS 460-211814/3-A
Client ID:
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: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

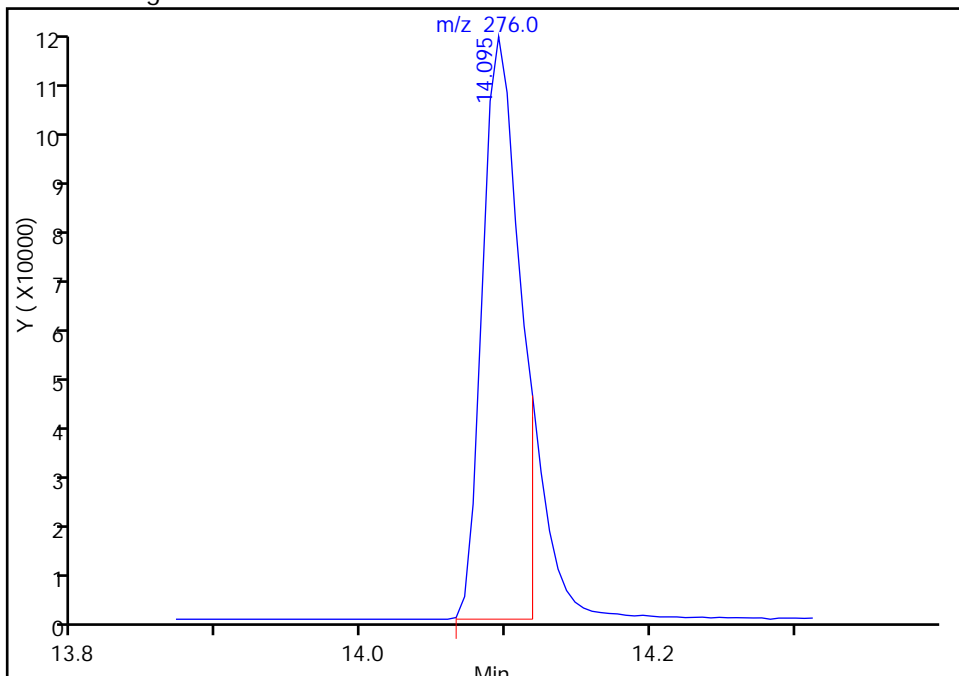
Processing Integration Results

RT: 14.09
Response: 232494
Amount: 41.697543



Manual Integration Results

RT: 14.09
Response: 206492
Amount: 37.034113



Reviewer: croccom, 12-Mar-2014 16:50:05
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211817/2-A
 Matrix: Solid Lab File ID: U94470.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 09:06
 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.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	1940		330	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	103		19-114
4165-62-2	Phenol-d5	93		44-104
367-12-4	2-Fluorophenol	87		39-103
4165-60-0	Nitrobenzene-d5	84		40-106
321-60-8	2-Fluorobiphenyl	77		49-112
1718-51-0	Terphenyl-d14	112		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94470.D
 Lims ID: LCS 460-211817/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 09:06:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-011
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:23:04 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: 12-Mar-2014 13:41:06

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	3.134	3.121	0.013	87	281803	43.5	
5 Benzaldehyde	77	3.971	3.969	0.002	86	179713	29.1	
\$ 6 Phenol-d5	99	4.053	4.068	-0.015	72	365159	46.7	
* 13 1,4-Dichlorobenzene-d4	152	4.413	4.410	0.003	98	148051	40.0	
\$ 25 Nitrobenzene-d5	82	4.961	4.977	-0.016	93	335173	41.9	
* 35 Naphthalene-d8	136	5.692	5.690	0.002	100	649416	40.0	
\$ 48 2-Fluorobiphenyl	172	6.761	6.765	-0.004	97	456494	38.5	
* 61 Acenaphthene-d10	164	7.436	7.436	0.0	92	347439	40.0	
\$ 76 2,4,6-Tribromophenol	330	8.214	8.219	-0.005	89	68766	51.5	
* 83 Phenanthrene-d10	188	8.890	8.891	-0.001	99	493003	40.0	
\$ 91 Terphenyl-d14	244	10.459	10.465	-0.006	97	345334	56.1	
* 96 Chrysene-d12	240	11.657	11.661	-0.004	99	265359	40.0	
* 103 Perylene-d12	264	13.577	13.580	-0.003	99	204132	40.0	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94470.D

Injection Date: 12-Mar-2014 09:06:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: LCS 460-211817/2-A

Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul

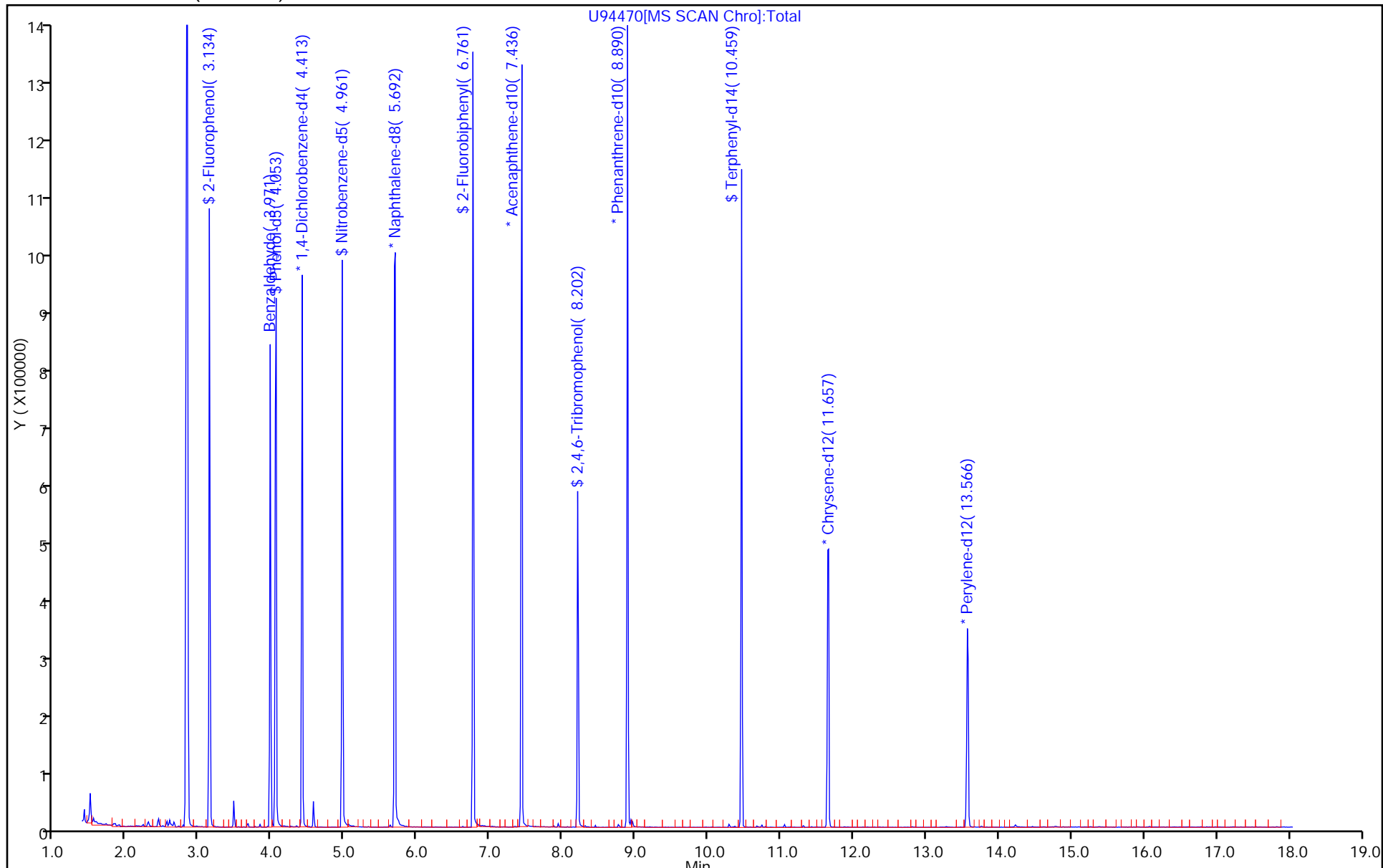
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211817/3-A
 Matrix: Solid Lab File ID: U94483.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 14:00
 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.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2850		330	44
95-57-8	2-Chlorophenol	3070		330	44
95-48-7	2-Methylphenol	2990		330	56
106-44-5	4-Methylphenol	3120		330	65
98-86-2	Acetophenone	2950		330	51
111-44-4	Bis(2-chloroethyl) ether	2690		33	4.5
108-60-1	2,2'-oxybis[1-chloropropane]	2660		330	37
621-64-7	N-Nitrosodi-n-propylamine	2870		33	5.5
98-95-3	Nitrobenzene	2670		33	4.7
67-72-1	Hexachloroethane	2400		33	3.7
78-59-1	Isophorone	2770		330	40
88-75-5	2-Nitrophenol	2840		330	37
105-67-9	2,4-Dimethylphenol	2780		330	82
120-83-2	2,4-Dichlorophenol	2800		330	48
111-91-1	Bis(2-chloroethoxy)methane	2630		330	43
91-20-3	Naphthalene	2610		330	38
106-47-8	4-Chloroaniline	1030		330	88
87-68-3	Hexachlorobutadiene	2610		67	8.1
105-60-2	Caprolactam	3460		330	76
59-50-7	4-Chloro-3-methylphenol	3170		330	50
91-57-6	2-Methylnaphthalene	2740		330	43
118-74-1	Hexachlorobenzene	3280		33	4.5
77-47-4	Hexachlorocyclopentadiene	1650		330	39
88-06-2	2,4,6-Trichlorophenol	2740		330	39
95-95-4	2,4,5-Trichlorophenol	2790		330	43
92-52-4	Diphenyl	2250		330	44
91-58-7	2-Chloronaphthalene	2430		330	37
88-74-4	2-Nitroaniline	2530		670	140
606-20-2	2,6-Dinitrotoluene	2980		67	10
131-11-3	Dimethyl phthalate	2650		330	39
208-96-8	Acenaphthylene	2640		330	39
99-09-2	3-Nitroaniline	1510		670	120
83-32-9	Acenaphthene	2420		330	48
100-02-7	4-Nitrophenol	5690		1000	210

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211817/3-A
 Matrix: Solid Lab File ID: U94483.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 14:00
 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.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
51-28-5	2,4-Dinitrophenol	5450		1000	190
132-64-9	Dibenzofuran	2500		330	39
84-66-2	Diethyl phthalate	2880		330	39
86-73-7	Fluorene	2560		330	42
206-44-0	Fluoranthene	2670		330	44
84-74-2	Di-n-butyl phthalate	2260		330	41
121-14-2	2,4-Dinitrotoluene	3040		67	11
7005-72-3	4-Chlorophenyl phenyl ether	3150		330	39
100-01-6	4-Nitroaniline	2850		670	100
534-52-1	4,6-Dinitro-2-methylphenol	5450		1000	90
101-55-3	4-Bromophenyl phenyl ether	2660		330	33
1912-24-9	Atrazine	2440		330	51
120-12-7	Anthracene	2370		330	40
86-74-8	Carbazole	2500		330	39
85-01-8	Phenanthrene	2260		330	42
87-86-5	Pentachlorophenol	4780		1000	99
129-00-0	Pyrene	3310		330	28
218-01-9	Chrysene	2770		330	39
207-08-9	Benzo[k]fluoranthene	2690		33	2.5
191-24-2	Benzo[g,h,i]perylene	2570		330	25
205-99-2	Benzo[b]fluoranthene	3060		33	2.1
50-32-8	Benzo[a]pyrene	2730		33	2.3
56-55-3	Benzo[a]anthracene	2760		33	2.3
86-30-6	N-Nitrosodiphenylamine	2240		330	33
85-68-7	Butyl benzyl phthalate	2830		330	30
117-81-7	Bis(2-ethylhexyl) phthalate	2770		330	110
117-84-0	Di-n-octyl phthalate	2700		330	21
193-39-5	Indeno[1,2,3-cd]pyrene	2650		33	6.2
53-70-3	Dibenz(a,h)anthracene	2670		33	4.2
91-94-1	3,3'-Dichlorobenzidine	1550		670	120
95-94-3	1,2,4,5-Tetrachlorobenzene	2390		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2920		330	43

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211817/3-A
 Matrix: Solid Lab File ID: U94483.D
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 14:00
 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.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	90		19-114
4165-62-2	Phenol-d5	80		44-104
367-12-4	2-Fluorophenol	73		39-103
4165-60-0	Nitrobenzene-d5	70		40-106
321-60-8	2-Fluorobiphenyl	69		49-112
1718-51-0	Terphenyl-d14	86		41-145

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94483.D
 Lims ID: LCS 460-211817/3-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 14:00:30 ALS Bottle#: 24 Worklist Smp#: 24
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010744-024
 Operator ID: Instrument ID: CBNAMS4
 Method: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\8270_4R.m
 Limit Group: SV 8270 ICAL
 Last Update: 13-Mar-2014 09:27:24 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: 12-Mar-2014 16:09:23

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
1 1,4-Dioxane	88	1.703	1.656	0.047	91	38481	14.1	
2 N-Nitrosodimethylamine	74	1.946	1.909	0.037	74	170860	33.7	
3 Pyridine	79	1.969	1.932	0.037	82	171608	22.2	
\$ 4 2-Fluorophenol	112	3.149	3.121	0.028	87	252415	36.7	
\$ 6 Phenol-d5	99	4.080	4.068	0.012	91	332348	40.0	
7 Phenol	94	4.091	4.080	0.011	88	369505	42.7	
8 Aniline	93	4.103	4.080	0.023	78	308244	31.1	
9 Bis(2-chloroethyl)ether	93	4.162	4.148	0.014	86	287358	40.3	
10 2-Chlorophenol	128	4.232	4.207	0.025	87	286677	46.1	
11 n-Decane	43	4.267	4.254	0.013	90	240868	26.3	
12 1,3-Dichlorobenzene	146	4.373	4.359	0.014	89	219991	35.9	
* 13 1,4-Dichlorobenzene-d4	152	4.432	4.410	0.022	94	157258	40.0	
124 Benzonitrile	103	4.432	4.417	0.015	28	1075	NC	
14 1,4-Dichlorobenzene	146	4.443	4.429	0.014	84	217360	35.6	
15 Benzyl alcohol	108	4.572	4.558	0.014	87	185408	45.0	
16 1,2-Dichlorobenzene	146	4.596	4.580	0.016	84	214258	37.5	
17 2-Methylphenol	108	4.690	4.673	0.017	78	257485	44.9	
18 2,2'-oxybis[1-chloropropane]	45	4.701	4.685	0.016	88	489994	39.9	
19 Acetophenone	105	4.842	4.826	0.016	94	352947	44.2	
20 N-Nitrosodi-n-propylamine	70	4.842	4.826	0.016	75	247625	43.1	
21 4-Methylphenol	108	4.854	4.837	0.017	89	286085	46.8	
22 3 & 4 Methylphenol	108	4.854	4.837	0.017	93	286085	46.6	
24 Hexachloroethane	117	4.934	4.919	0.015	83	116321	36.1	
\$ 25 Nitrobenzene-d5	82	4.992	4.977	0.015	92	301653	35.0	
26 Nitrobenzene	77	5.014	5.001	0.013	84	466981	40.1	
27 n,n'-Dimethylaniline	120	5.014	5.001	0.013	84	430421	46.4	
125 N-Methylaniline	106	5.014	5.001	0.013	50	15990	NC	
28 Isophorone	82	5.248	5.234	0.014	96	599024	41.6	
29 2-Nitrophenol	139	5.331	5.316	0.015	83	142221	42.6	
30 2,4-Dimethylphenol	122	5.376	5.363	0.013	87	250208	41.7	
31 Bis(2-chloroethoxy)methane	93	5.458	5.445	0.013	91	333601	39.5	
32 Benzoic acid	122	5.540	5.550	-0.010	91	157981	46.4	

Compound	Sig	RT (min.)	Adj RT (min.)	DI RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	5.575	5.561	0.014	90	195753	42.0	
34 1,2,4-Trichlorobenzene	180	5.658	5.643	0.015	90	209791	39.4	
* 35 Naphthalene-d8	136	5.705	5.690	0.015	99	699570	40.0	
36 Naphthalene	128	5.728	5.713	0.015	98	704275	39.2	
37 4-Chloroaniline	127	5.774	5.772	0.002	86	119113	15.5	
38 Hexachlorobutadiene	225	5.856	5.842	0.014	84	100862	39.1	
39 Caprolactam	113	6.183	6.145	0.039	85	90952	51.9	M
40 4-Chloro-3-methylphenol	107	6.288	6.273	0.015	88	258446	47.5	
41 2-Methylnaphthalene	142	6.416	6.402	0.014	79	421967	41.1	
42 1-Methylnaphthalene	142	6.522	6.508	0.014	91	399551	45.1	
43 Hexachlorocyclopentadiene	237	6.579	6.566	0.013	78	80066	24.7	
44 1,2,4,5-Tetrachlorobenzene	216	6.590	6.577	0.013	89	151270	35.8	
45 2-tertbutyl-4-methylphenol	149	6.625	6.612	0.013	78	339794	50.1	
46 2,4,6-Trichlorophenol	196	6.707	6.695	0.012	81	127848	41.1	
47 2,4,5-Trichlorophenol	196	6.753	6.741	0.012	90	133417	41.8	
\$ 48 2-Fluorobiphenyl	172	6.788	6.765	0.023	96	417134	34.4	
49 1,1'-Biphenyl	154	6.882	6.868	0.014	97	447444	33.8	
50 2-Chloronaphthalene	162	6.905	6.892	0.013	93	369185	36.5	
53 Phenyl ether	170	6.985	6.973	0.012	87	292146	41.3	
54 2-Nitroaniline	65	7.008	6.996	0.012	89	221902	37.9	
55 1,3-Dimethylnaphthalene	156	7.126	7.100	0.026	88	326670	41.2	
56 Dimethyl phthalate	163	7.196	7.182	0.014	96	418539	39.8	
57 Coumarin	146	7.220	7.206	0.014	75	167198	61.2	
58 2,6-Dinitrotoluene	165	7.255	7.241	0.014	88	112883	44.8	
59 Acenaphthylene	152	7.314	7.299	0.015	97	568405	39.6	
60 3-Nitroaniline	138	7.420	7.403	0.017	91	64478	22.7	
* 61 Acenaphthene-d10	164	7.455	7.436	0.019	90	355109	40.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	7.478	7.460	0.018	95	276579	42.4	
62 Acenaphthene	154	7.489	7.471	0.018	94	348395	36.3	
64 2,4-Dinitrophenol	184	7.525	7.507	0.018	90	126928	81.8	
65 4-Nitrophenol	65	7.595	7.589	0.006	88	238532	85.3	
67 2,4-Dinitrotoluene	165	7.652	7.636	0.016	82	142280	45.7	
66 Dibenzofuran	168	7.652	7.648	0.004	89	501979	37.5	
68 2,3,4,6-Tetrachlorophenol	232	7.782	7.765	0.017	85	93416	43.8	
69 Diethyl phthalate	149	7.885	7.868	0.017	96	455406	43.2	
71 4-Chlorophenyl phenyl ether	204	7.989	7.974	0.015	74	174530	47.2	
70 Fluorene	166	7.989	7.974	0.015	83	386442	38.4	
72 4-Nitroaniline	138	8.036	8.021	0.015	94	100105	42.8	
73 4,6-Dinitro-2-methylphenol	198	8.059	8.045	0.014	75	139247	81.8	
74 N-Nitrosodiphenylamine	169	8.106	8.102	0.004	51	275503	33.6	
75 1,2-Diphenylhydrazine	77	8.141	8.136	0.005	93	625799	35.3	
\$ 76 2,4,6-Tribromophenol	330	8.232	8.219	0.013	93	61443	45.0	
77 4-Bromophenyl phenyl ether	248	8.466	8.450	0.016	75	101745	39.9	
78 Hexachlorobenzene	284	8.536	8.533	0.004	96	122293	49.2	
79 Atrazine	200	8.631	8.624	0.007	72	82611	36.6	
121 Pentachlorophenol	266	8.735	8.716	0.019	88	129418	71.6	
81 Pentachloronitrobenzene	237	8.746	8.739	0.007	80	48074	39.7	
82 n-Octadecane	57	8.791	8.785	0.006	95	419317	33.6	
* 83 Phenanthrene-d10	188	8.909	8.891	0.018	99	479684	40.0	
84 Phenanthrene	178	8.932	8.924	0.008	98	453119	33.9	
85 Anthracene	178	8.979	8.971	0.008	96	482543	35.6	
86 Carbazole	167	9.143	9.123	0.020	97	458132	37.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	On-Col Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	9.467	9.463	0.004	99	609616	34.0	
88 Fluoranthene	202	10.097	10.081	0.016	98	381693	40.0	
122 Benzidine	184	10.214	10.209	0.005	98	47938	8.80	
90 Pyrene	202	10.319	10.303	0.016	96	358108	49.6	
\$ 91 Terphenyl-d14	244	10.470	10.465	0.005	97	228980	43.2	
92 Butyl benzyl phthalate	149	10.994	10.978	0.016	98	216205	42.4	
93 Carbamazepine	193	11.122	11.118	0.004	90	142987	55.5	
94 3,3'-Dichlorobenzidine	252	11.625	11.619	0.006	99	52943	23.3	
95 Benzo[a]anthracene	228	11.659	11.642	0.017	99	237668	41.5	
* 96 Chrysene-d12	240	11.670	11.661	0.009	94	228314	40.0	
98 Bis(2-ethylhexyl) phthalate	149	11.681	11.676	0.005	87	264419	41.5	
97 Chrysene	228	11.704	11.699	0.005	95	194689	41.5	
99 Di-n-octyl phthalate	149	12.545	12.533	0.012	96	434372	40.5	
100 Benzo[b]fluoranthene	252	13.066	13.053	0.013	97	245165	45.9	
101 Benzo[k]fluoranthene	252	13.101	13.088	0.013	100	217794	40.4	
102 Benzo[a]pyrene	252	13.509	13.494	0.015	94	195802	40.9	
* 103 Perylene-d12	264	13.589	13.580	0.009	97	202013	40.0	
104 Indeno[1,2,3-cd]pyrene	276	15.123	15.106	0.017	95	205713	39.8	M
105 Dibenz(a,h)anthracene	278	15.146	15.141	0.005	95	188086	40.1	
106 Benzo[g,h,i]perylene	276	15.542	15.537	0.005	90	191199	38.5	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94483.D

Injection Date: 12-Mar-2014 14:00:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: LCS 460-211817/3-A

Worklist Smp#: 24

Client ID:

Injection Vol: 1.0 ul

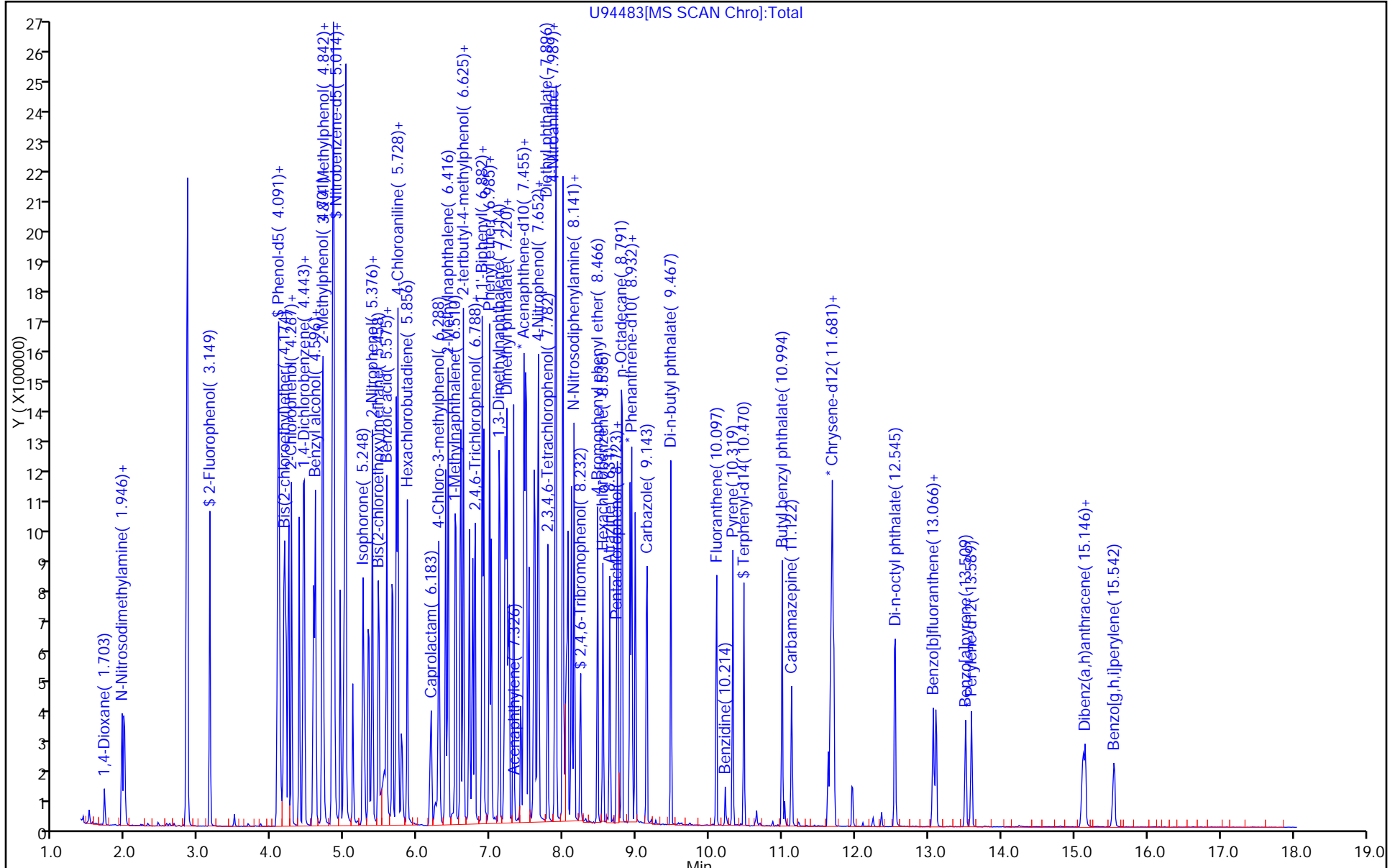
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8270_4R

Limit Group: SV 8270 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



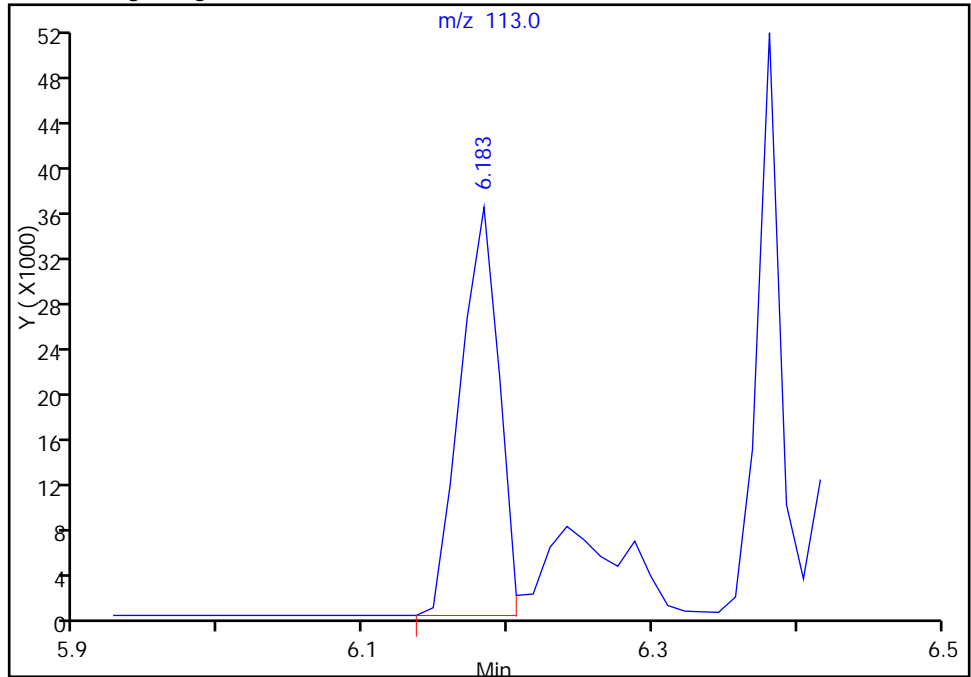
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94483.D
Injection Date: 12-Mar-2014 14:00:30 Instrument ID: CBNAMS4
Lims ID: LCS 460-211817/3-A
Client ID:
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: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

39 Caprolactam, CAS: 105-60-2

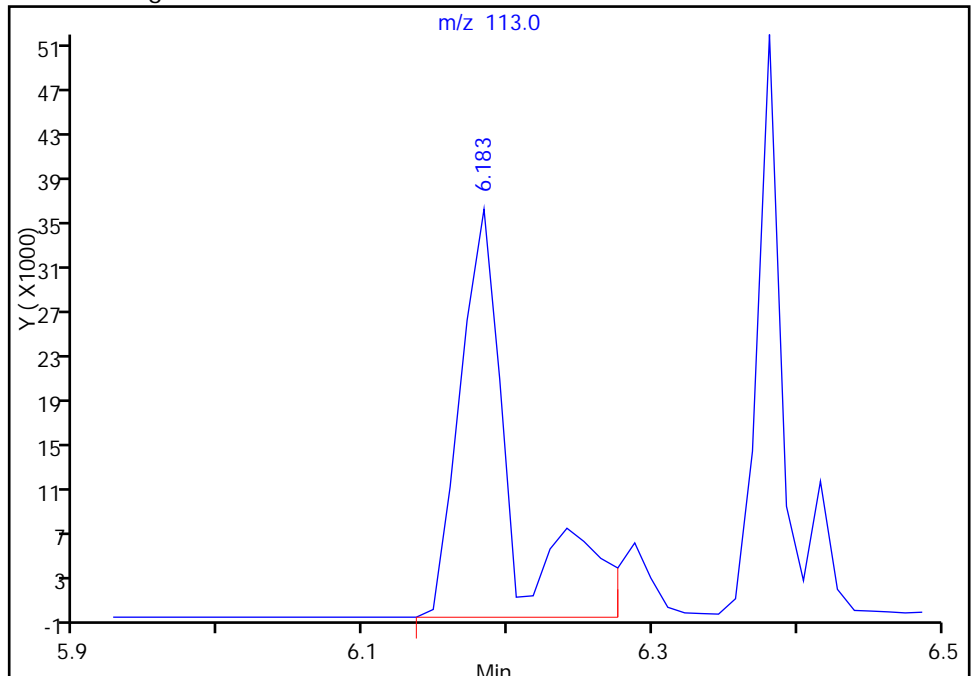
RT: 6.18
Response: 67869
Amount: 38.697727

Processing Integration Results



RT: 6.18
Response: 90952
Amount: 51.859254

Manual Integration Results



Reviewer: croccom, 12-Mar-2014 16:09:23
Audit Action: Manually Integrated
Audit Reason: Split Peak

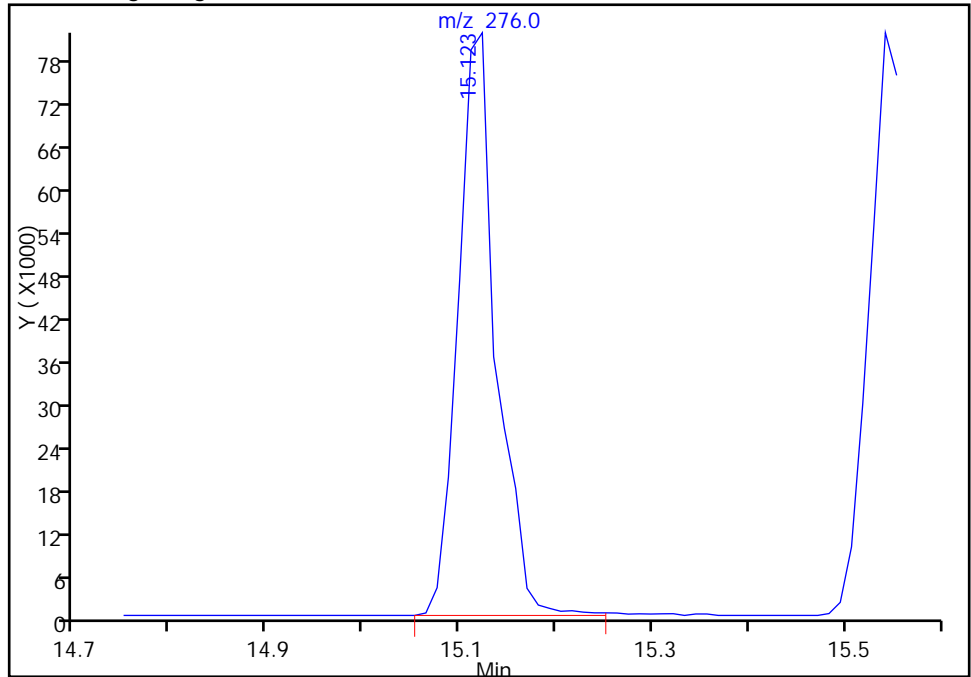
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS4\20140312-10744.b\U94483.D
Injection Date: 12-Mar-2014 14:00:30 Instrument ID: CBNAMS4
Lims ID: LCS 460-211817/3-A
Client ID:
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: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

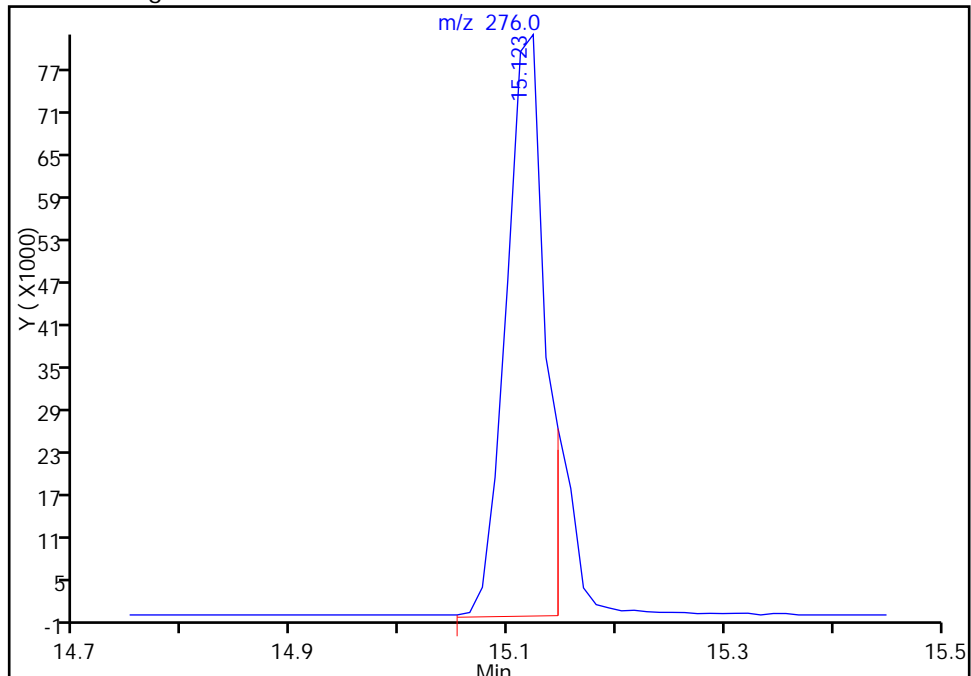
Processing Integration Results

RT: 15.12
Response: 223370
Amount: 42.688057



Manual Integration Results

RT: 15.12
Response: 205713
Amount: 39.806664



Reviewer: croccom, 12-Mar-2014 16:09:23
Audit Action: Manually Integrated
Audit Reason: Shouldering

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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

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.)	Diff 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.)	Diff 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	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAMS11\20140313-10789.b\z8778.D

Injection Date: 13-Mar-2014 03:21:30 Instrument ID: CBNAMS11

Lims ID: LCSD 460-211622/3-A

Operator ID:

Client ID:

Worklist Smp#: 6

Injection Vol: 1.0 ul

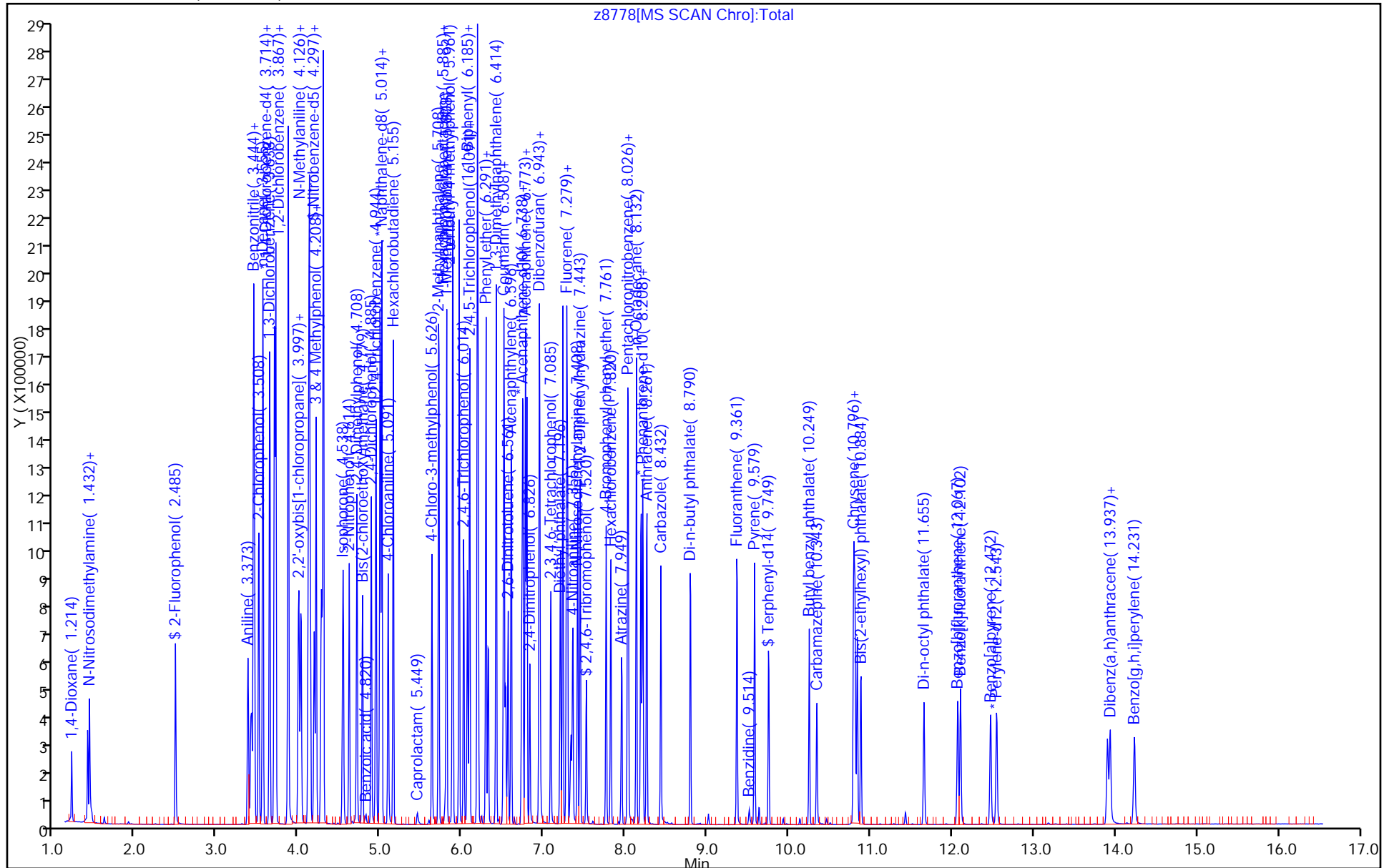
Dil. Factor: 1.0000

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.: 460-72180-1
 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

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.)	Diff 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	

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

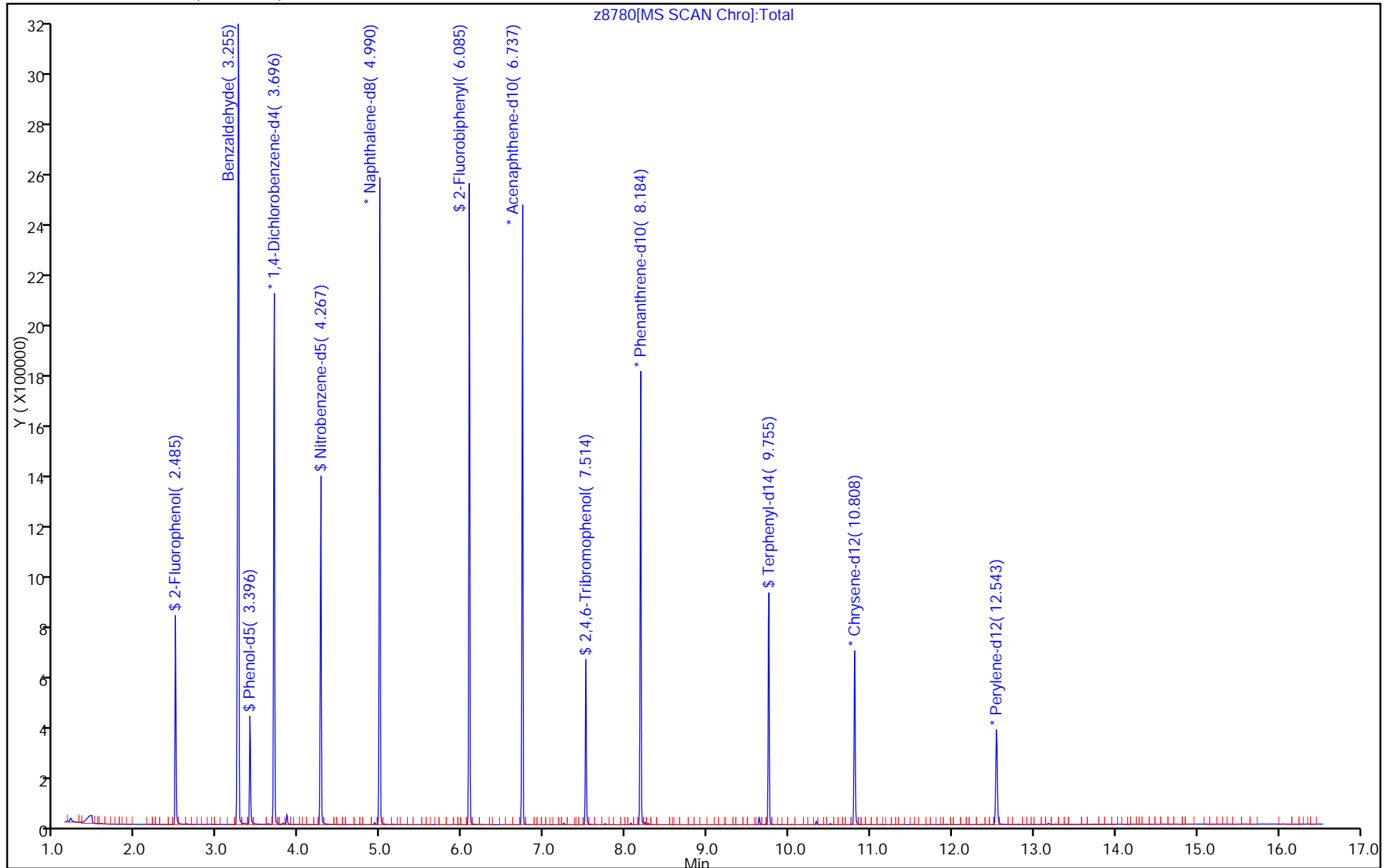
Dil. Factor: 1.0000

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MS Lab Sample ID: 460-72180-9 MS
 Matrix: Solid Lab File ID: U94472.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:51
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3530		380	52
95-57-8	2-Chlorophenol	3790		380	51
95-48-7	2-Methylphenol	3650		380	66
106-44-5	4-Methylphenol	3560		380	76
100-52-7	Benzaldehyde	5840		380	45
98-86-2	Acetophenone	3270		380	59
111-44-4	Bis(2-chloroethyl) ether	3140		38	5.3
108-60-1	2,2'-oxybis[1-chloropropane]	3200		380	43
621-64-7	N-Nitrosodi-n-propylamine	3290		38	6.4
98-95-3	Nitrobenzene	3200		38	5.5
67-72-1	Hexachloroethane	2880		38	4.3
78-59-1	Isophorone	3480		380	47
88-75-5	2-Nitrophenol	3550		380	43
105-67-9	2,4-Dimethylphenol	3600		380	95
120-83-2	2,4-Dichlorophenol	3440		380	56
111-91-1	Bis(2-chloroethoxy)methane	3330		380	50
91-20-3	Naphthalene	3150		380	45
106-47-8	4-Chloroaniline	1790		380	100
87-68-3	Hexachlorobutadiene	3330		78	9.4
105-60-2	Caprolactam	3570		380	89
59-50-7	4-Chloro-3-methylphenol	3410		380	58
91-57-6	2-Methylnaphthalene	3230		380	50
118-74-1	Hexachlorobenzene	4570		38	5.3
77-47-4	Hexachlorocyclopentadiene	2180		380	45
88-06-2	2,4,6-Trichlorophenol	3930		380	45
95-95-4	2,4,5-Trichlorophenol	4320		380	50
92-52-4	Diphenyl	3300		380	52
91-58-7	2-Chloronaphthalene	3340		380	43
88-74-4	2-Nitroaniline	3560		780	160
606-20-2	2,6-Dinitrotoluene	3990		78	12
131-11-3	Dimethyl phthalate	3720		380	46
208-96-8	Acenaphthylene	3430		380	46
99-09-2	3-Nitroaniline	4150		780	140
83-32-9	Acenaphthene	3210		380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MS Lab Sample ID: 460-72180-9 MS
 Matrix: Solid Lab File ID: U94472.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:51
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	8300		1200	250
51-28-5	2,4-Dinitrophenol	2520		1200	220
132-64-9	Dibenzofuran	3510		380	45
84-66-2	Diethyl phthalate	3500		380	46
86-73-7	Fluorene	3460		380	49
206-44-0	Fluoranthene	3900		380	51
84-74-2	Di-n-butyl phthalate	3030		380	48
121-14-2	2,4-Dinitrotoluene	4000		78	13
7005-72-3	4-Chlorophenyl phenyl ether	4160		380	45
100-01-6	4-Nitroaniline	3890		780	120
534-52-1	4,6-Dinitro-2-methylphenol	4460		1200	110
101-55-3	4-Bromophenyl phenyl ether	3500		380	38
1912-24-9	Atrazine	3670		380	60
120-12-7	Anthracene	3500		380	47
86-74-8	Carbazole	3480		380	46
85-01-8	Phenanthrene	3790		380	49
87-86-5	Pentachlorophenol	6150		1200	120
129-00-0	Pyrene	3880		380	32
218-01-9	Chrysene	3600		380	45
207-08-9	Benzo[k]fluoranthene	3270		38	2.9
191-24-2	Benzo[g,h,i]perylene	3020		380	29
205-99-2	Benzo[b]fluoranthene	3530		38	2.4
50-32-8	Benzo[a]pyrene	3380		38	2.7
56-55-3	Benzo[a]anthracene	3380		38	2.7
86-30-6	N-Nitrosodiphenylamine	6030		380	38
85-68-7	Butyl benzyl phthalate	3520		380	35
117-81-7	Bis(2-ethylhexyl) phthalate	3350		380	130
117-84-0	Di-n-octyl phthalate	3380		380	25
193-39-5	Indeno[1,2,3-cd]pyrene	2920		38	7.2
53-70-3	Dibenz(a,h)anthracene	3120		38	4.9
91-94-1	3,3'-Dichlorobenzidine	2940		780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	3640		380	52
58-90-2	2,3,4,6-Tetrachlorophenol	3570		380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MS Lab Sample ID: 460-72180-9 MS
 Matrix: Solid Lab File ID: U94472.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 09:51
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	102		19-114
4165-62-2	Phenol-d5	87		44-104
367-12-4	2-Fluorophenol	82		39-103
4165-60-0	Nitrobenzene-d5	82		40-106
321-60-8	2-Fluorobiphenyl	86		49-112
1718-51-0	Terphenyl-d14	90		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-71983-A-7-A MS
 Matrix: Solid Lab File ID: L1147905.D
 Analysis Method: 8270C Date Collected: 03/05/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:55
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2980		1900	260
95-57-8	2-Chlorophenol	3000		1900	250
95-48-7	2-Methylphenol	3110		1900	320
106-44-5	4-Methylphenol	2820		1900	370
100-52-7	Benzaldehyde	5650		1900	220
98-86-2	Acetophenone	2970		1900	290
111-44-4	Bis(2-chloroethyl) ether	2890		190	26
108-60-1	2,2'-oxybis[1-chloropropane]	3120		1900	210
621-64-7	N-Nitrosodi-n-propylamine	3330		190	32
98-95-3	Nitrobenzene	3250		190	27
67-72-1	Hexachloroethane	2750		190	21
78-59-1	Isophorone	3320		1900	230
88-75-5	2-Nitrophenol	2620		1900	210
105-67-9	2,4-Dimethylphenol	3160		1900	470
120-83-2	2,4-Dichlorophenol	2890		1900	280
111-91-1	Bis(2-chloroethoxy)methane	3330		1900	250
91-20-3	Naphthalene	3430		1900	220
106-47-8	4-Chloroaniline	2510		1900	500
87-68-3	Hexachlorobutadiene	2780		380	46
105-60-2	Caprolactam	2040		1900	440
59-50-7	4-Chloro-3-methylphenol	3130		1900	290
91-57-6	2-Methylnaphthalene	3580		1900	240
118-74-1	Hexachlorobenzene	3290		190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	2780		1900	220
95-95-4	2,4,5-Trichlorophenol	2900		1900	250
92-52-4	Diphenyl	3600		1900	250
91-58-7	2-Chloronaphthalene	3400		1900	210
88-74-4	2-Nitroaniline	3440		1900	790
606-20-2	2,6-Dinitrotoluene	3350		380	57
131-11-3	Dimethyl phthalate	3400		1900	230
208-96-8	Acenaphthylene	3530		1900	220
99-09-2	3-Nitroaniline	2860		1900	670
83-32-9	Acenaphthene	3700		1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-71983-A-7-A MS
 Matrix: Solid Lab File ID: L1147905.D
 Analysis Method: 8270C Date Collected: 03/05/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:55
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5860		1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3800	1100
132-64-9	Dibenzofuran	3560		1900	220
84-66-2	Diethyl phthalate	3060		1900	230
86-73-7	Fluorene	3700		1900	240
206-44-0	Fluoranthene	5110		1900	250
84-74-2	Di-n-butyl phthalate	3060		1900	230
121-14-2	2,4-Dinitrotoluene	4070		380	63
7005-72-3	4-Chlorophenyl phenyl ether	2960		1900	220
100-01-6	4-Nitroaniline	2750	J	3800	590
534-52-1	4,6-Dinitro-2-methylphenol	3830		3800	520
101-55-3	4-Bromophenyl phenyl ether	3340		1900	190
1912-24-9	Atrazine	2880		1900	290
120-12-7	Anthracene	4140		1900	230
86-74-8	Carbazole	3560		1900	220
85-01-8	Phenanthrene	6580		1900	240
87-86-5	Pentachlorophenol	4220		3800	570
129-00-0	Pyrene	5560		1900	160
218-01-9	Chrysene	4220		1900	220
207-08-9	Benzo[k]fluoranthene	3630		190	14
191-24-2	Benzo[g,h,i]perylene	4650		1900	140
205-99-2	Benzo[b]fluoranthene	3980		190	12
50-32-8	Benzo[a]pyrene	4260		190	13
56-55-3	Benzo[a]anthracene	4200		190	13
86-30-6	N-Nitrosodiphenylamine	4330		1900	190
85-68-7	Butyl benzyl phthalate	3220		1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	2940		1900	630
117-84-0	Di-n-octyl phthalate	2700		1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	5150		190	35
53-70-3	Dibenz(a,h)anthracene	4130		190	24
91-94-1	3,3'-Dichlorobenzidine	3460		1900	670
95-94-3	1,2,4,5-Tetrachlorobenzene	3270		1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	1970		1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-71983-A-7-A MS
 Matrix: Solid Lab File ID: L1147905.D
 Analysis Method: 8270C Date Collected: 03/05/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:55
 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.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	54		19-114
4165-62-2	Phenol-d5	78		44-104
367-12-4	2-Fluorophenol	75		39-103
4165-60-0	Nitrobenzene-d5	88		40-106
321-60-8	2-Fluorobiphenyl	92		49-112
1718-51-0	Terphenyl-d14	83		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MSD Lab Sample ID: 460-72180-9 MSD
 Matrix: Solid Lab File ID: U94473.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 10:14
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3550		380	52
95-57-8	2-Chlorophenol	3980		380	51
95-48-7	2-Methylphenol	3850		380	66
106-44-5	4-Methylphenol	4160		380	76
100-52-7	Benzaldehyde	6650		380	45
98-86-2	Acetophenone	3680		380	59
111-44-4	Bis(2-chloroethyl) ether	3360		38	5.2
108-60-1	2,2'-oxybis[1-chloropropane]	3480		380	43
621-64-7	N-Nitrosodi-n-propylamine	3900		38	6.4
98-95-3	Nitrobenzene	3510		38	5.5
67-72-1	Hexachloroethane	3130		38	4.3
78-59-1	Isophorone	3840		380	47
88-75-5	2-Nitrophenol	3960		380	43
105-67-9	2,4-Dimethylphenol	3790		380	95
120-83-2	2,4-Dichlorophenol	3930		380	56
111-91-1	Bis(2-chloroethoxy)methane	3630		380	50
91-20-3	Naphthalene	3320		380	45
106-47-8	4-Chloroaniline	1770		380	100
87-68-3	Hexachlorobutadiene	3430		78	9.4
105-60-2	Caprolactam	4400		380	89
59-50-7	4-Chloro-3-methylphenol	3980		380	58
91-57-6	2-Methylnaphthalene	3560		380	49
118-74-1	Hexachlorobenzene	4580		38	5.3
77-47-4	Hexachlorocyclopentadiene	2520		380	45
88-06-2	2,4,6-Trichlorophenol	4680		380	45
95-95-4	2,4,5-Trichlorophenol	4530		380	50
92-52-4	Diphenyl	3580		380	52
91-58-7	2-Chloronaphthalene	3630		380	43
88-74-4	2-Nitroaniline	4130		780	160
606-20-2	2,6-Dinitrotoluene	4160		78	12
131-11-3	Dimethyl phthalate	4140		380	46
208-96-8	Acenaphthylene	3770		380	46
99-09-2	3-Nitroaniline	3910		780	140
83-32-9	Acenaphthene	3550		380	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MSD Lab Sample ID: 460-72180-9 MSD
 Matrix: Solid Lab File ID: U94473.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 10:14
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	9670		1200	250
51-28-5	2,4-Dinitrophenol	2810		1200	220
132-64-9	Dibenzofuran	3780		380	45
84-66-2	Diethyl phthalate	3890		380	46
86-73-7	Fluorene	4100		380	49
206-44-0	Fluoranthene	4140		380	51
84-74-2	Di-n-butyl phthalate	3240		380	47
121-14-2	2,4-Dinitrotoluene	4650		78	13
7005-72-3	4-Chlorophenyl phenyl ether	4600		380	45
100-01-6	4-Nitroaniline	4220		780	120
534-52-1	4,6-Dinitro-2-methylphenol	4530		1200	100
101-55-3	4-Bromophenyl phenyl ether	3820		380	38
1912-24-9	Atrazine	4210		380	59
120-12-7	Anthracene	3380		380	47
86-74-8	Carbazole	3680		380	46
85-01-8	Phenanthrene	4230		380	49
87-86-5	Pentachlorophenol	6480		1200	110
129-00-0	Pyrene	4190		380	32
218-01-9	Chrysene	3880		380	45
207-08-9	Benzo[k]fluoranthene	3620		38	2.9
191-24-2	Benzo[g,h,i]perylene	3270		380	29
205-99-2	Benzo[b]fluoranthene	3980		38	2.4
50-32-8	Benzo[a]pyrene	3590		38	2.7
56-55-3	Benzo[a]anthracene	3550		38	2.7
86-30-6	N-Nitrosodiphenylamine	6820		380	38
85-68-7	Butyl benzyl phthalate	3610		380	35
117-81-7	Bis(2-ethylhexyl) phthalate	3570		380	130
117-84-0	Di-n-octyl phthalate	3620		380	25
193-39-5	Indeno[1,2,3-cd]pyrene	3400		38	7.2
53-70-3	Dibenz(a,h)anthracene	3420		38	4.9
91-94-1	3,3'-Dichlorobenzidine	2780		780	140
95-94-3	1,2,4,5-Tetrachlorobenzene	3610		380	52
58-90-2	2,3,4,6-Tetrachlorophenol	4040		380	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MSD Lab Sample ID: 460-72180-9 MSD
 Matrix: Solid Lab File ID: U94473.D
 Analysis Method: 8270C Date Collected: 03/07/2014 10:40
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:44
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 10:14
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) Level: (low/med) Low
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212014 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	115	X	19-114
4165-62-2	Phenol-d5	93		44-104
367-12-4	2-Fluorophenol	89		39-103
4165-60-0	Nitrobenzene-d5	93		40-106
321-60-8	2-Fluorobiphenyl	95		49-112
1718-51-0	Terphenyl-d14	96		41-145

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-71983-A-7-B MSD
 Matrix: Solid Lab File ID: L1147906.D
 Analysis Method: 8270C Date Collected: 03/05/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 15:20
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2850		1900	250
95-57-8	2-Chlorophenol	2920		1900	250
95-48-7	2-Methylphenol	2980		1900	320
106-44-5	4-Methylphenol	2890		1900	370
100-52-7	Benzaldehyde	6430		1900	220
98-86-2	Acetophenone	2910		1900	290
111-44-4	Bis(2-chloroethyl) ether	3060		190	26
108-60-1	2,2'-oxybis[1-chloropropane]	3110		1900	210
621-64-7	N-Nitrosodi-n-propylamine	3110		190	32
98-95-3	Nitrobenzene	3440		190	27
67-72-1	Hexachloroethane	2830		190	21
78-59-1	Isophorone	3260		1900	230
88-75-5	2-Nitrophenol	2450		1900	210
105-67-9	2,4-Dimethylphenol	3050		1900	470
120-83-2	2,4-Dichlorophenol	2670		1900	280
111-91-1	Bis(2-chloroethoxy)methane	3200		1900	240
91-20-3	Naphthalene	3370		1900	220
106-47-8	4-Chloroaniline	2540		1900	500
87-68-3	Hexachlorobutadiene	2950		380	46
105-60-2	Caprolactam	2100		1900	440
59-50-7	4-Chloro-3-methylphenol	3080		1900	290
91-57-6	2-Methylnaphthalene	3450		1900	240
118-74-1	Hexachlorobenzene	2970		190	26
77-47-4	Hexachlorocyclopentadiene	220	U	1900	220
88-06-2	2,4,6-Trichlorophenol	2550		1900	220
95-95-4	2,4,5-Trichlorophenol	2560		1900	240
92-52-4	Diphenyl	3540		1900	250
91-58-7	2-Chloronaphthalene	3350		1900	210
88-74-4	2-Nitroaniline	3450		1900	790
606-20-2	2,6-Dinitrotoluene	3270		380	57
131-11-3	Dimethyl phthalate	3320		1900	220
208-96-8	Acenaphthylene	3500		1900	220
99-09-2	3-Nitroaniline	3190		1900	670
83-32-9	Acenaphthene	3580		1900	280

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-71983-A-7-B MSD
 Matrix: Solid Lab File ID: L1147906.D
 Analysis Method: 8270C Date Collected: 03/05/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 15:20
 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.: 212016 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6840		1900	1200
51-28-5	2,4-Dinitrophenol	1100	U	3800	1100
132-64-9	Dibenzofuran	3400		1900	220
84-66-2	Diethyl phthalate	2970		1900	230
86-73-7	Fluorene	3470		1900	240
206-44-0	Fluoranthene	4030		1900	250
84-74-2	Di-n-butyl phthalate	2840		1900	230
121-14-2	2,4-Dinitrotoluene	3410		380	62
7005-72-3	4-Chlorophenyl phenyl ether	2830		1900	220
100-01-6	4-Nitroaniline	2530	J	3800	590
534-52-1	4,6-Dinitro-2-methylphenol	3590	J	3800	520
101-55-3	4-Bromophenyl phenyl ether	3090		1900	190
1912-24-9	Atrazine	3000		1900	290
120-12-7	Anthracene	3560		1900	230
86-74-8	Carbazole	3380		1900	220
85-01-8	Phenanthrene	5300		1900	240
87-86-5	Pentachlorophenol	4290		3800	570
129-00-0	Pyrene	4330		1900	160
218-01-9	Chrysene	3870		1900	220
207-08-9	Benzo[k]fluoranthene	3260		190	14
191-24-2	Benzo[g,h,i]perylene	4270		1900	140
205-99-2	Benzo[b]fluoranthene	3420		190	12
50-32-8	Benzo[a]pyrene	3750		190	13
56-55-3	Benzo[a]anthracene	3730		190	13
86-30-6	N-Nitrosodiphenylamine	3980		1900	190
85-68-7	Butyl benzyl phthalate	3120		1900	170
117-81-7	Bis(2-ethylhexyl) phthalate	2960		1900	630
117-84-0	Di-n-octyl phthalate	2530		1900	120
193-39-5	Indeno[1,2,3-cd]pyrene	4780		190	35
53-70-3	Dibenz(a,h)anthracene	3970		190	24
91-94-1	3,3'-Dichlorobenzidine	3520		1900	660
95-94-3	1,2,4,5-Tetrachlorobenzene	3290		1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	1660	J	1900	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-71983-A-7-B MSD
 Matrix: Solid Lab File ID: L1147906.D
 Analysis Method: 8270C Date Collected: 03/05/2014 12:45
 Extract. Method: 3541 Date Extracted: 03/11/2014 08:37
 Sample wt/vol: 15.04(g) Date Analyzed: 03/12/2014 15:20
 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.: 212016 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	53		19-114
4165-62-2	Phenol-d5	77		44-104
367-12-4	2-Fluorophenol	69		39-103
4165-60-0	Nitrobenzene-d5	87		40-106
321-60-8	2-Fluorobiphenyl	90		49-112
1718-51-0	Terphenyl-d14	78		41-145

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS11Start Date: 03/04/2014 01:20Analysis Batch Number: 210410End 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.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS11 Start Date: 03/13/2014 01:17Analysis 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)
460-72180-27	FB_030714	03/13/2014 06:28	1	z8786.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 06:51	1		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.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS12 Start Date: 03/05/2014 17:04Analysis 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.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS12 Start Date: 03/12/2014 04:29Analysis Batch Number: 212016 End Date: 03/12/2014 16:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212016/1		03/12/2014 04:29	1	L1147884.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-212016/4		03/12/2014 07:00	1	L1147886.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-212016/3		03/12/2014 07:29	1	L1147887.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-1	PMP-28SW-SD	03/12/2014 09:08	1	L1147891.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-4	PMP-15SW-SI	03/12/2014 09:33	1	L1147892.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-5	PMP-15SW-SD	03/12/2014 09:58	1	L1147893.D	Rtxi-5Sil MS 0.25 (mm)
MB 460-211814/1-A		03/12/2014 10:23	1	L1147894.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-211814/2-A		03/12/2014 10:47	1	L1147895.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-211814/3-A		03/12/2014 11:13	1	L1147896.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 11:38	5		Rtxi-5Sil MS 0.25 (mm)
460-72180-8	PMP-17SW-WT	03/12/2014 12:03	5	L1147898.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-6	PMP-16SW-WT	03/12/2014 12:28	2	L1147899.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-7	PMP-16SW-SI	03/12/2014 12:53	1	L1147900.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 13:17	2		Rtxi-5Sil MS 0.25 (mm)
460-72180-2	PMP-15SW-VD	03/12/2014 13:42	1	L1147902.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-3	PMP-15SW-WT	03/12/2014 14:06	5	L1147903.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 14:30	5		Rtxi-5Sil MS 0.25 (mm)
460-71983-A-7-A MS		03/12/2014 14:55	5	L1147905.D	Rtxi-5Sil MS 0.25 (mm)
460-71983-A-7-B MSD		03/12/2014 15:20	5	L1147906.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 15:45	2		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 16:09	2		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS4 Start Date: 02/27/2014 08:41Analysis 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.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS4 Start Date: 03/12/2014 04:31Analysis Batch Number: 212014 End Date: 03/12/2014 16:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212014/1		03/12/2014 04:31	1	U94460.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-212014/2		03/12/2014 05:25	1	U94461.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-212014/3		03/12/2014 06:02	1	U94462.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 07:36	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 07:58	1		Rtxi-5Sil MS 0.25 (mm)
MB 460-211817/1-A		03/12/2014 08:43	1	U94469.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-211817/2-A		03/12/2014 09:06	1	U94470.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-9 MS	PMP-17SW-SI MS	03/12/2014 09:51	1	U94472.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-9 MSD	PMP-17SW-SI MSD	03/12/2014 10:14	1	U94473.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-9	PMP-17SW-SI	03/12/2014 10:36	1	U94474.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-11	PMP-18SW-WT	03/12/2014 10:59	1	U94475.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 12:07	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 12:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 12:52	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 13:14	1		Rtxi-5Sil MS 0.25 (mm)
460-72180-25	DUP2_030714	03/12/2014 13:37	1	U94482.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-211817/3-A		03/12/2014 14:00	1	U94483.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-15	PMP-19SW-SI	03/12/2014 14:22	1	U94484.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-16	PMP-26SW-VD	03/12/2014 14:44	1	U94485.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-18	PMP-26SW-SI	03/12/2014 15:06	1	U94486.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-19	PMP-27SW-VD	03/12/2014 15:28	1	U94487.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/12/2014 15:51	1		Rtxi-5Sil MS 0.25 (mm)
460-72180-21	PMP-27SW-SD	03/12/2014 16:13	1	U94489.D	Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAMS4 Start Date: 03/13/2014 02:05Analysis Batch Number: 212262 End Date: 03/13/2014 11:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-212262/1		03/13/2014 02:05	1	U94490.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-212262/2		03/13/2014 02:37	1	U94491.D	Rtxi-5Sil MS 0.25 (mm)
CCV 460-212262/3		03/13/2014 03:40	1	U94492.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 04:05	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 04:28	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 04:50	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 05:12	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 05:35	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 05:57	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 06:20	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 06:42	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 07:04	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 07:27	1		Rtxi-5Sil MS 0.25 (mm)
460-72180-20	PMP-27SW-WT	03/13/2014 07:49	1	U94503.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-29	PMP-27SW-SI	03/13/2014 08:11	1	U94504.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		03/13/2014 08:34	1		Rtxi-5Sil MS 0.25 (mm)
460-72180-10	PMP-18SW-VD	03/13/2014 08:56	5	U94506.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-13	PMP-19SW-VD	03/13/2014 09:18	5	U94507.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-14	PMP-19SW-WT	03/13/2014 09:41	5	U94508.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-17	PMP-26SW-WT	03/13/2014 10:03	5	U94509.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-24	DUP_030714	03/13/2014 10:25	2	U94510.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-12	PMP-18SW-SI	03/13/2014 10:48	1	U94511.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-23	PMP-32SW-VS	03/13/2014 11:10	1	U94512.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-26	DUP3_030714	03/13/2014 11:32	1	U94513.D	Rtxi-5Sil MS 0.25 (mm)
460-72180-22	PMP-31SW-VS	03/13/2014 11:55	1	U94514.D	Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211622 Batch Start Date: 03/10/14 09:34 Batch Analyst: Wu, HuachiBatch 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	
460-72180-E-27	FB_030714	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				
460-72180-E-27	FB_030714	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.: 460-72180-1

SDG No.: _____

Batch Number: 211622 Batch Start Date: 03/10/14 09:34 Batch Analyst: Wu, HuachiBatch 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.: 460-72180-1

SDG No.: _____

Batch Number: 211814 Batch Start Date: 03/11/14 08:37 Batch Analyst: Patel, HarshBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_BNA SPIK 00007	OP_BNASurroga 00003	SM_Benzalde 00001
MB 460-211814/1		3541, 8270C		15.00 g	1 mL	73		500 uL	
LCS 460-211814/2		3541, 8270C		15.00 g	1 mL	74		500 uL	50 uL
LCS 460-211814/3		3541, 8270C		15.00 g	1 mL	75	500 uL	500 uL	
460-71983-A-7 MS		3541, 8270C	T	15.01 g	1 mL	76	500 uL	500 uL	50 uL
460-71983-A-7 MSD		3541, 8270C	T	15.04 g	1 mL	77	500 uL	500 uL	50 uL
460-72180-E-1	PMP-28SW-SD	3541, 8270C	T	15.02 g	1 mL	90		500 uL	
460-72180-E-2	PMP-15SW-VD	3541, 8270C	T	15.01 g	1 mL	121		500 uL	
460-72180-E-3	PMP-15SW-WT	3541, 8270C	T	15.03 g	1 mL	122		500 uL	
460-72180-E-4	PMP-15SW-SI	3541, 8270C	T	15.02 g	1 mL	123		500 uL	
460-72180-E-5	PMP-15SW-SD	3541, 8270C	T	15.04 g	1 mL	124		500 uL	
460-72180-E-6	PMP-16SW-WT	3541, 8270C	T	15.03 g	1 mL	125		500 uL	
460-72180-E-7	PMP-16SW-SI	3541, 8270C	T	15.01 g	1 mL	126		500 uL	
460-72180-E-8	PMP-17SW-WT	3541, 8270C	T	15.02 g	1 mL	103		500 uL	

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

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.: 460-72180-1

SDG No.: _____

Batch Number: 211814 Batch Start Date: 03/11/14 08:37 Batch Analyst: Patel, Harsh

Batch Method: 3541 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.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211817 Batch Start Date: 03/11/14 08:44 Batch Analyst: Patel, HarshBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_BNA SPIK 00007	OP_BNASurroga 00003	SM_Benzalde 00001
MB 460-211817/1		3541, 8270C		15.00 g	1 mL	104		500 uL	
LCS 460-211817/2		3541, 8270C		15.00 g	1 mL	105		500 uL	50 uL
LCS 460-211817/3		3541, 8270C		15.00 g	1 mL	106	500 uL	500 uL	
460-72180-E-9 MS	PMP-17SW-SI	3541, 8270C	T	15.02 g	1 mL	107	500 uL	500 uL	50 uL
460-72180-E-9 MSD	PMP-17SW-SI	3541, 8270C	T	15.04 g	1 mL	108	500 uL	500 uL	50 uL
460-72180-E-9	PMP-17SW-SI	3541, 8270C	T	15.01 g	1 mL	115		500 uL	
460-72180-E-10	PMP-18SW-VD	3541, 8270C	T	15.03 g	1 mL	116		500 uL	
460-72180-E-11	PMP-18SW-WT	3541, 8270C	T	15.02 g	1 mL	117		500 uL	
460-72180-E-12	PMP-18SW-SI	3541, 8270C	T	15.04 g	1 mL	118		500 uL	
460-72180-E-13	PMP-19SW-VD	3541, 8270C	T	15.02 g	1 mL	119		500 uL	
460-72180-E-14	PMP-19SW-WT	3541, 8270C	T	15.00 g	1 mL	120		500 uL	
460-72180-E-15	PMP-19SW-SI	3541, 8270C	T	15.01 g	1 mL	73		500 uL	
460-72180-E-16	PMP-26SW-VD	3541, 8270C	T	15.03 g	1 mL	74		500 uL	
460-72180-E-17	PMP-26SW-WT	3541, 8270C	T	15.01 g	1 mL	75		500 uL	
460-72180-E-18	PMP-26SW-SI	3541, 8270C	T	15.02 g	1 mL	76		500 uL	
460-72180-E-19	PMP-27SW-VD	3541, 8270C	T	15.03 g	1 mL	77		500 uL	
460-72180-E-20	PMP-27SW-WT	3541, 8270C	T	15.00 g	1 mL	78		500 uL	
460-72180-E-21	PMP-27SW-SD	3541, 8270C	T	15.01 g	1 mL	79		500 uL	
460-72180-E-22	PMP-31SW-VS	3541, 8270C	T	15.02 g	1 mL	80		500 uL	
460-72180-E-23	PMP-32SW-VS	3541, 8270C	T	15.04 g	1 mL	81		500 uL	
460-72180-E-24	DUP_030714	3541, 8270C	T	15.02 g	1 mL	82		500 uL	
460-72180-E-25	DUP2_030714	3541, 8270C	T	15.04 g	1 mL	83		500 uL	
460-72180-E-26	DUP3_030714	3541, 8270C	T	15.01 g	1 mL	84		500 uL	
460-72180-E-29	PMP-27SW-SI	3541, 8270C	T	15.03 g	1 mL	85		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.: 460-72180-1

SDG No.: _____

Batch Number: 211817 Batch Start Date: 03/11/14 08:44 Batch Analyst: Patel, Harsh

Batch Method: 3541 Batch End Date: _____

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.

Method 8082

Polychlorinated Biphenyls (PCBs) by
Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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-28SW-SD	460-72180-1	152 X D	139 X D
PMP-15SW-VD	460-72180-2	134	128
PMP-15SW-WT	460-72180-3	0 X D	0 X D
PMP-15SW-SI	460-72180-4	128	130
PMP-15SW-SD	460-72180-5	135	131
PMP-16SW-WT	460-72180-6	0 X D	0 X D
PMP-16SW-SI	460-72180-7	0 X D	0 X D
PMP-17SW-WT	460-72180-8	0 X D	0 X D
PMP-17SW-SI	460-72180-9	127	124
PMP-18SW-VD	460-72180-10	0 X D	0 X D
PMP-18SW-WT	460-72180-11	0 X D	0 X D
PMP-18SW-SI	460-72180-12	136	132
PMP-19SW-VD	460-72180-13	96	106
PMP-19SW-WT	460-72180-14	0 X D	0 X D
PMP-19SW-SI	460-72180-15	112	122
PMP-26SW-VD	460-72180-16	125	123
PMP-26SW-WT	460-72180-17	0 X D	0 X D
PMP-26SW-SI	460-72180-18	137	131
PMP-27SW-VD	460-72180-19	126	125
PMP-27SW-WT	460-72180-20	113	106
PMP-27SW-SD	460-72180-21	101	113
PMP-31SW-VS	460-72180-22	101	108
PMP-32SW-VS	460-72180-23	102	112
DUP_030714	460-72180-24	0 X D	0 X D
DUP2_030714	460-72180-25	0 X D	0 X D
DUP3_030714	460-72180-26	0 X D	0 X D
PMP-27SW-SI	460-72180-29	144 X	134
	MB 460-211881/1-A	171 X D	162 X D
	MB 460-211882/1-A	148 X	151 X
	MB 460-211882/1-A	148 X	151 X
	MB 460-212128/1-A	84	81
	LCS 460-211881/2-A	167 X D	153 X D

DCB = DCB Decachlorobiphenyl

QC LIMITS
45-138

Column to be used to flag recovery values

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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 #
	LCS 460-211882/2-A	135	138
	LCS 460-211882/2-A	135	138
	LCS 460-212128/2-A	91	85
PMP-15SW-VD MS	460-72180-2 MS	130	122
DUP_030714 MS	460-72180-24 MS	0 X D	0 X D
DUP3_030714 MS	460-72180-26 MS	0 X D	0 X D
PMP-15SW-VD MSD	460-72180-2 MSD	136	125
DUP_030714 MSD	460-72180-24 MSD	0 X D	0 X D
DUP3_030714 MSD	460-72180-26 MSD	0 X D	0 X D

DCB = DCB Decachlorobiphenyl

QC LIMITS
45-138

Column to be used to flag recovery values

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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_030714	460-72180-27	88	88
	MB 460-211482/1-A	109	111
	LCS 460-211482/2-A	84	86
	LCSD 460-211482/3-A	86	82

DCB = DCB Decachlorobiphenyl

QC LIMITS
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.: 460-72180-1

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
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: OR214385.D

Lab ID: LCS 460-211881/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	407	122	75-150	
Aroclor 1016	333	423	127	75-150	
Aroclor 1260	333	404	121	72-150	
Aroclor 1260	333	413	124	72-150	

Column to be used to flag recovery and RPD values

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: T004490.D

Lab ID: LCS 460-211882/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	375	112	75-150	
Aroclor 1016	333	376	113	75-150	
Aroclor 1016	333	375	112	75-150	
Aroclor 1016	333	376	113	75-150	
Aroclor 1260	333	385	116	72-150	
Aroclor 1260	333	361	108	72-150	
Aroclor 1260	333	385	116	72-150	
Aroclor 1260	333	361	108	72-150	

Column to be used to flag recovery and RPD values

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: OR214435.D

Lab ID: LCS 460-212128/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	442	133	75-150	
Aroclor 1260	333	439	132	72-150	

Column to be used to flag recovery and RPD values

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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	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
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: OR214386.D

Lab ID: 460-72180-2 MS Client ID: PMP-15SW-VD MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	353	16 U	359	102	75-150	
Aroclor 1016	353	16 U	382	108	75-150	
Aroclor 1260	353	20 U	337	96	72-150	
Aroclor 1260	353	20 U	344	97	72-150	

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: T004523.D

Lab ID: 460-72180-24 MS Client ID: DUP_030714 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	359	160 U	160 U	0	75-150	F1
Aroclor 1016	359	160 U	160 U	0	75-150	F1
Aroclor 1260	359	1200	200 U	0	72-150	F1
Aroclor 1260	359	1300	200 U	0	72-150	F1

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: T004563.D

Lab ID: 460-72180-26 MS Client ID: DUP3_030714 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	354	160 U	160 U	0	75-150	F1
Aroclor 1016	354	160 U	160 U	0	75-150	F1
Aroclor 1260	354	1300	200 U	0	72-150	F1
Aroclor 1260	354	1400	200 U	0	72-150	F1

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: OR214387.D
 Lab ID: 460-72180-2 MSD Client ID: PMP-15SW-VD MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	353	348	99	3	30	75-150	
Aroclor 1016	353	393	111	3	30	75-150	
Aroclor 1260	353	344	98	0	30	72-150	
Aroclor 1260	353	317	90	6	30	72-150	

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: T004524.D
 Lab ID: 460-72180-24 MSD Client ID: DUP_030714 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	360	160 U	0	NC	30	75-150	F1
Aroclor 1016	360	160 U	0	NC	30	75-150	F1
Aroclor 1260	360	200 U	0	NC	30	72-150	F1
Aroclor 1260	360	200 U	0	NC	30	72-150	F1

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: T004564.D
 Lab ID: 460-72180-26 MSD Client ID: DUP3_030714 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Aroclor 1016	353	160 U	0	NC	30	75-150	F1
Aroclor 1016	353	160 U	0	NC	30	75-150	F1
Aroclor 1260	353	200 U	0	NC	30	72-150	F1
Aroclor 1260	353	200 U	0	NC	30	72-150	F1

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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_030714	460-72180-27	03/11/2014	05:44	03/11/2014	05:44

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: MB 460-211881/1-A
 Matrix: Solid Date Extracted: 03/11/2014 12:21
 Lab File ID: (1) OR214384.D Lab File ID: (2) OR214384.D
 Date Analyzed: (1) 03/11/2014 23:57 Date Analyzed: (2) 03/11/2014 23:57
 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	ANALYZED 2
	LCS 460-211881/2-A	03/12/2014 00:14	03/12/2014 00:14
PMP-15SW-VD MS	460-72180-2 MS	03/12/2014 00:30	03/12/2014 00:30
PMP-15SW-VD MSD	460-72180-2 MSD	03/12/2014 00:47	03/12/2014 00:47
PMP-28SW-SD	460-72180-1	03/12/2014 01:04	03/12/2014 01:04
PMP-15SW-VD	460-72180-2	03/12/2014 01:21	03/12/2014 01:21
PMP-15SW-SD	460-72180-5	03/12/2014 02:09	03/12/2014 02:09
PMP-17SW-SI	460-72180-9	03/12/2014 03:15	03/12/2014 03:15
PMP-18SW-SI	460-72180-12	03/12/2014 04:04	03/12/2014 04:04
PMP-26SW-VD	460-72180-16	03/12/2014 05:10	03/12/2014 05:10
PMP-26SW-SI	460-72180-18	03/12/2014 05:44	03/12/2014 05:44
PMP-27SW-VD	460-72180-19	03/12/2014 06:00	03/12/2014 06:00
PMP-15SW-WT	460-72180-3	03/12/2014 11:58	03/12/2014 11:58
PMP-15SW-SI	460-72180-4	03/12/2014 12:17	03/12/2014 12:17
PMP-16SW-WT	460-72180-6	03/12/2014 12:35	03/12/2014 12:35
PMP-16SW-SI	460-72180-7	03/12/2014 12:54	03/12/2014 12:54
PMP-17SW-WT	460-72180-8	03/12/2014 13:13	03/12/2014 13:13
PMP-18SW-VD	460-72180-10	03/12/2014 13:32	03/12/2014 13:32
PMP-18SW-WT	460-72180-11	03/12/2014 13:51	03/12/2014 13:51
PMP-19SW-VD	460-72180-13	03/12/2014 14:10	03/12/2014 14:10
PMP-19SW-WT	460-72180-14	03/12/2014 14:29	03/12/2014 14:29
PMP-19SW-SI	460-72180-15	03/12/2014 14:48	03/12/2014 14:48
PMP-26SW-WT	460-72180-17	03/14/2014 09:55	03/14/2014 09:55
PMP-27SW-WT	460-72180-20	03/14/2014 12:31	03/14/2014 12:31

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: MB 460-211882/1-A
 Matrix: Solid Date Extracted: 03/11/2014 12:24
 Lab File ID: (1) T004489.D Lab File ID: (2) T004489.D
 Date Analyzed: (1) 03/12/2014 00:03 Date Analyzed: (2) 03/12/2014 00:03
 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	ANALYZED 2
	LCS 460-211882/2-A	03/12/2014 00:22	03/12/2014 00:22
PMP-27SW-SD	460-72180-21	03/12/2014 06:21	03/12/2014 06:21
PMP-31SW-VS	460-72180-22	03/12/2014 06:40	03/12/2014 06:40
PMP-32SW-VS	460-72180-23	03/12/2014 06:59	03/12/2014 06:59
DUP_030714	460-72180-24	03/12/2014 10:31	03/12/2014 10:31
DUP_030714 MS	460-72180-24 MS	03/12/2014 10:50	03/12/2014 10:50
DUP_030714 MSD	460-72180-24 MSD	03/12/2014 11:09	03/12/2014 11:09

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: MB 460-211882/1-A
 Matrix: Solid Date Extracted: 03/11/2014 12:24
 Lab File ID: (1) T004489.D Lab File ID: (2) T004489.D
 Date Analyzed: (1) 03/12/2014 00:03 Date Analyzed: (2) 03/12/2014 00:03
 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 460-211882/2-A	03/12/2014 00:22	03/12/2014 00:22

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: MB 460-212128/1-A
 Matrix: Solid Date Extracted: 03/12/2014 11:43
 Lab File ID: (1) OR214434.D Lab File ID: (2) OR214434.D
 Date Analyzed: (1) 03/13/2014 00:17 Date Analyzed: (2) 03/13/2014 00:17
 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	ANALYZED 2
	LCS 460-212128/2-A	03/13/2014 00:33	03/13/2014 00:33
PMP-27SW-SI	460-72180-29	03/13/2014 06:35	03/13/2014 06:35
DUP2_030714	460-72180-25	03/13/2014 08:00	03/13/2014 08:00
DUP3_030714	460-72180-26	03/13/2014 08:19	03/13/2014 08:19
DUP3_030714 MS	460-72180-26 MS	03/13/2014 08:38	03/13/2014 08:38
DUP3_030714 MSD	460-72180-26 MSD	03/13/2014 08:57	03/13/2014 08:57

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD MS Lab Sample ID: 460-72180-2 MS
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/12/2014 00:30 Date Analyzed (2): 03/12/2014 00:30
 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	383	382	6.2
		2	2.67	2.61	2.75	382		
		3	3.12	3.06	3.20	408		
		4	3.27	3.21	3.35	369		
		5	3.70	3.64	3.78	366		
	2	1	3.04	2.98	3.12	335	359	
		2	3.51	3.45	3.59	386		
		3	4.05	3.99	4.13	337		
		4	4.81	4.75	4.89	335		
		5	4.97	4.90	5.04	400		
Aroclor 1260	1	1	5.12	5.06	5.20	357	344	1.9
		2	6.28	6.22	6.36	351		
		3	6.75	6.70	6.84	351		
		4	7.24	7.19	7.33	292		
		5	8.62	8.56	8.70	367		
	2	1	6.49	6.44	6.58	351	337	
		2	6.83	6.78	6.92	346		
		3	8.38	8.33	8.47	311		
		4	8.93	8.87	9.01	329		
		5	10.14	10.07	10.21	349		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD MSD Lab Sample ID: 460-72180-2 MSD
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/12/2014 00:47 Date Analyzed (2): 03/12/2014 00:47
 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 1016	1	1	2.35	2.28	2.42	420	393	12.0
		2	2.67	2.61	2.75	372		
		3	3.12	3.06	3.20	409		
		4	3.27	3.21	3.35	384		
		5	3.70	3.64	3.78	379		
	2	1	3.04	2.98	3.12	326	348	
		2	3.51	3.45	3.59	356		
		3	4.05	3.99	4.13	330		
		4	4.81	4.75	4.89	347		
		5	4.97	4.90	5.04	382		
Aroclor 1260	1	1	5.12	5.06	5.20	362	317	8.4
		2	6.28	6.22	6.36	359		
		3	6.75	6.70	6.84	349		
		4	7.24	7.19	7.33	143		
		5	8.62	8.56	8.70	371		
	2	1	6.49	6.44	6.58	346	344	
		2	6.84	6.78	6.92	342		
		3	8.38	8.33	8.47	317		
		4	8.93	8.87	9.01	361		
		5	10.14	10.07	10.21	356		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 11:58 Date Analyzed (2): 03/12/2014 11:58
 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	45700	65000	15.0
		2	2.47	2.40	2.54	64100		
		3	3.06	3.00	3.14	70400		
		4	3.26	3.19	3.33	71700		
		5	3.95	3.88	4.02	72600		
	2	1	3.07	3.00	3.14	53100	75000	
		2	3.80	3.72	3.86	70700		
		3	4.63	4.56	4.70	88800		
		4	4.89	4.81	4.95	88800		
Aroclor 1260	1	1	5.97	5.90	6.04	4840	4300	5.6
		2	7.49	7.42	7.56	3950		
		3	8.12	8.05	8.19	4080		
		4	8.76	8.69	8.83	4480		
		5	10.06	9.99	10.13	4270		
	2	2	8.44	8.35	8.49	5540	4600	
		3	10.08	10.01	10.15	4400		
		4	10.40	10.32	10.46	4120		
		5	11.21	11.13	11.27	4260		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 12:35 Date Analyzed (2): 03/12/2014 12:35
 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	10400	13000	15.0
		2	2.47	2.40	2.54	10900		
		3	3.06	3.00	3.14	13300		
		4	3.25	3.19	3.33	14000		
		5	3.95	3.88	4.02	15200		
	2	1	3.06	3.00	3.14	11300	15000	
		2	3.79	3.72	3.86	13400		
		3	4.63	4.56	4.70	17300		
		4	4.87	4.81	4.95	17200		
Aroclor 1260	1	1	5.97	5.90	6.04	1970	1800	4.7
		2	7.48	7.42	7.56	1720		
		3	8.12	8.05	8.19	1750		
		4	8.75	8.69	8.83	1860		
		5	10.05	9.99	10.13	1730		
	2	2	8.43	8.35	8.49	2050	1900	
		3	10.07	10.01	10.15	1970		
		4	10.39	10.32	10.46	1790		
		5	11.20	11.13	11.27	1760		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 12:54 Date Analyzed (2): 03/12/2014 12:54
 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 1242	1	1	2.03	1.97	2.11	6120	8000	13.7
		2	2.47	2.40	2.54	7580		
		3	3.06	3.00	3.14	8320		
		4	3.25	3.19	3.33	9000		
		5	3.95	3.88	4.02	8820		
	2	1	3.06	3.00	3.14	7230	9100	
		2	3.79	3.72	3.86	8350		
		3	4.63	4.56	4.70	10400		
		4	4.88	4.81	4.95	10600		
Aroclor 1260	1	1	5.97	5.90	6.04	1160	1000	2.2
		2	7.49	7.42	7.56	1030		
		3	8.12	8.05	8.19	1000		
		4	8.76	8.69	8.83	1050		
		5	10.06	9.99	10.13	982		
	2	2	8.43	8.35	8.49	1200	1100	
		3	10.08	10.01	10.15	1020		
		4	10.39	10.32	10.46	1020		
		5	11.20	11.13	11.27	1020		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 13:13 Date Analyzed (2): 03/12/2014 13:13
 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	51700	63000	14.3
		2	2.47	2.40	2.54	57600		
		3	3.06	3.00	3.14	65900		
		4	3.25	3.19	3.33	69300		
		5	3.95	3.88	4.02	68500		
	2	1	3.06	3.00	3.14	49100	72000	
		2	3.79	3.72	3.86	63900		
		3	4.62	4.56	4.70	79800		
		4	4.87	4.81	4.95	78500		
		5	6.42	6.35	6.49	89900		
Aroclor 1260	1	1	5.97	5.90	6.04	5640	4500	1.9
		2	7.48	7.42	7.56	4310		
		3	8.12	8.05	8.19	4220		
		4	8.76	8.69	8.83	4180		
		5	10.05	9.99	10.13	3910		
	2	2	8.43	8.35	8.49	5190	4400	
		3	10.07	10.01	10.15	4230		
		4	10.39	10.32	10.46	3940		
		5	11.20	11.13	11.27	4110		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/12/2014 03:15 Date Analyzed (2): 03/12/2014 03:15
 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	1240	1600	7.9	
		2	2.67	2.60	2.74	1510			
		3	3.12	3.06	3.20	1840			
		4	3.26	3.20	3.34	1860			
		5	3.70	3.64	3.78	1760			
	2	1	3.04	2.97	3.11	1550	1800		
		2	3.50	3.44	3.58	1860			
		4	4.22	4.16	4.30	1920			
Aroclor 1260	1	2	6.27	6.22	6.36	150	140	7.4	
		3	6.75	6.70	6.84	139			
		4	7.24	7.19	7.33	130			
		5	8.61	8.56	8.70	134			
	2	2	6.83	6.78	6.92	173	150		
		3	8.37	8.33	8.47	141			
		4	8.93	8.87	9.01	148			
		5	10.14	10.07	10.21	134			

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 13:32 Date Analyzed (2): 03/12/2014 13:32
 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	2.47	2.40	2.54	17400	8600	11.6
		2	3.06	2.99	3.13	7320		
		3	3.95	3.88	4.02	6720		
		4	4.70	4.61	4.75	5820		
		5	5.03	4.96	5.10	5960		
	2	2	4.62	4.55	4.69	9520	7700	
		3	5.23	5.17	5.31	6620		
		4	6.35	6.28	6.42	6890		
		5	6.42	6.35	6.49	7750		
Aroclor 1260	1	1	5.97	5.90	6.04	1830	1600	4.5
		2	7.48	7.42	7.56	1570		
		3	8.12	8.05	8.19	1510		
		4	8.76	8.69	8.83	1600		
		5	10.06	9.99	10.13	1520		
	2	2	8.43	8.35	8.49	1840	1700	
		3	10.08	10.01	10.15	1740		
		4	10.39	10.32	10.46	1570		
		5	11.20	11.13	11.27	1570		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 13:51 Date Analyzed (2): 03/12/2014 13:51
 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	2.03	1.97	2.11	18100	23000	18.3
		2	2.47	2.40	2.54	20200		
		3	3.06	3.00	3.14	24100		
		4	3.25	3.19	3.33	25500		
		5	3.95	3.88	4.02	27600		
	2	1	3.06	3.00	3.14	18000	28000	
		2	3.79	3.72	3.86	24500		
		3	4.62	4.56	4.70	30400		
		4	4.87	4.81	4.95	30400		
		5	6.42	6.35	6.49	35500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/12/2014 04:04 Date Analyzed (2): 03/12/2014 04:04
 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 1242	1	1	2.34	2.28	2.42	488	580	13.1
		2	2.67	2.60	2.74	543		
		3	3.12	3.06	3.20	624		
		4	3.26	3.20	3.34	646		
		5	3.70	3.64	3.78	586		
	2	1	3.04	2.97	3.11	518	660	
		2	3.51	3.44	3.58	601		
		3	4.05	3.99	4.13	677		
		4	4.22	4.16	4.30	681		
		5	5.35	5.29	5.43	816		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 14:10 Date Analyzed (2): 03/12/2014 14:10
 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 1248	1	1	2.47	2.40	2.54	7730	4800	2.7
		2	3.06	2.99	3.13	5830		
		3	3.95	3.88	4.02	3790		
		4	4.67	4.61	4.75	3490		
		5	5.03	4.96	5.10	2930		
	2	2	4.62	4.55	4.69	7170	4900	
		3	5.23	5.17	5.31	3870		
		4	6.34	6.28	6.42	3980		
		5	6.42	6.35	6.49	4540		
Aroclor 1260	1	1	5.97	5.90	6.04	937	830	8.0
		2	7.48	7.42	7.56	823		
		3	8.12	8.05	8.19	809		
		4	8.75	8.69	8.83	823		
		5	10.05	9.99	10.13	777		
	2	2	8.42	8.35	8.49	966	900	
		3	10.07	10.01	10.15	915		
		4	10.39	10.32	10.46	852		
		5	11.20	11.13	11.27	879		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 14:29 Date Analyzed (2): 03/12/2014 14:29
 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	8250	12000	16.0
		2	2.47	2.40	2.54	11200		
		3	3.06	3.00	3.14	13400		
		4	3.25	3.19	3.33	14000		
		5	3.95	3.88	4.02	15400		
	2	1	3.06	3.00	3.14	9940	15000	
		2	3.79	3.72	3.86	13600		
		3	4.62	4.56	4.70	17500		
		4	4.87	4.81	4.95	17500		
Aroclor 1260	1	1	5.97	5.90	6.04	958	720	0.9
		2	7.49	7.42	7.56	757		
		3	8.12	8.05	8.19	597		
		4	8.75	8.69	8.83	675		
		5	10.06	9.99	10.13	625		
	2	2	8.43	8.35	8.49	885	720	
		3	10.08	10.01	10.15	638		
		4	10.39	10.32	10.46	656		
		5	11.20	11.13	11.27	683		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 14:48 Date Analyzed (2): 03/12/2014 14:48
 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	106	96	17.7
		2	2.46	2.40	2.54	77.1		
		4	3.25	3.19	3.33	110		
		5	3.95	3.88	4.02	91.9		
		2	1	3.06	3.00	3.14		
	2	2	3.79	3.72	3.86	87.7		
	4	4	4.87	4.81	4.95	151		
	5	5	6.42	6.35	6.49	130		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/14/2014 09:55 Date Analyzed (2): 03/14/2014 09:55
 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 1248	1	1	2.68	2.60	2.74	13400	9400	8.2
		2	3.14	3.06	3.20	12800		
		3	3.73	3.66	3.80	7320		
		4	4.23	4.16	4.30	7180		
		5	4.46	4.39	4.53	6290		
	2	1	3.63	3.56	3.70	16000	10000	
		2	4.18	4.11	4.25	14100		
		3	4.61	4.54	4.68	5840		
		4	5.44	5.38	5.52	7490		
		5	5.50	5.44	5.58	7570		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/12/2014 05:44 Date Analyzed (2): 03/12/2014 05:44
 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	564	380	5.6
		2	3.12	3.06	3.20	521		
		3	3.70	3.64	3.78	291		
		4	4.20	4.14	4.28	276		
		5	4.43	4.37	4.51	242		
	2	1	3.50	3.44	3.58	599	360	
		2	4.05	3.99	4.13	516		
		3	4.46	4.40	4.54	229		
		4	5.29	5.23	5.37	210		
		5	5.34	5.29	5.43	236		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/14/2014 12:31 Date Analyzed (2): 03/14/2014 12:31
 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 1242	1	1	2.02	1.96	2.10	1200	2300	4.4
		2	2.47	2.40	2.54	1960		
		3	3.06	2.99	3.13	2650		
		4	3.25	3.18	3.32	2550		
		5	3.95	3.88	4.02	3380		
	2	1	3.06	2.99	3.13	754	2500	
		2	3.79	3.72	3.86	2130		
		3	4.62	4.56	4.70	2890		
		4	4.87	4.80	4.94	2640		
		5	6.42	6.35	6.49	3850		
Aroclor 1260	1	1	5.97	5.90	6.04	274	250	5.2
		2	7.48	7.41	7.55	253		
		3	8.11	8.05	8.19	218		
		4	8.75	8.68	8.82	276		
		5	10.05	9.98	10.12	205		
	2	2	8.42	8.36	8.50	271	230	
		3	10.07	10.00	10.14	240		
		4	10.39	10.32	10.46	210		
		5	11.20	11.14	11.28	211		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 06:21 Date Analyzed (2): 03/12/2014 06:21
 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	2.04	1.97	2.11	101	160	12.6	
		2	2.47	2.40	2.54	158			
		3	3.06	3.00	3.14	176			
		4	3.25	3.19	3.33	168			
		5	3.95	3.88	4.02	188			
	2	1	3.06	3.00	3.14	70.4	180		
		2	3.79	3.72	3.86	179			
		3	4.62	4.56	4.70	199			
		4	4.87	4.81	4.95	190			
		5	6.42	6.35	6.49	257			

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 06:40 Date Analyzed (2): 03/12/2014 06:40
 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 1260	1	1	5.97	5.90	6.04	87.4	91	0.7
		2	7.49	7.42	7.56	92.6		
		3	8.12	8.05	8.19	84.8		
		4	8.75	8.69	8.83	92.6		
		5	10.05	9.99	10.13	96.1		
	2	2	8.43	8.35	8.49	107	91	
		3	10.08	10.01	10.15	79.7		
		4	10.39	10.32	10.46	84.4		
		5	11.20	11.13	11.27	94.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 10:31 Date Analyzed (2): 03/12/2014 10:31
 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	2.47	2.40	2.54	13800	9100	8.3
		2	3.06	2.99	3.13	9180		
		3	3.95	3.88	4.02	7240		
		4	4.67	4.61	4.75	6280		
	2	1	3.79	3.72	3.86	14600	9900	
		2	4.62	4.55	4.69	11700		
		3	5.24	5.17	5.31	7160		
		4	6.35	6.28	6.42	7800		
		5	6.42	6.35	6.49	8240		
Aroclor 1260	1	1	5.97	5.90	6.04	1370	1200	6.7
		2	7.49	7.42	7.56	1230		
		3	8.12	8.05	8.19	1210		
		4	8.76	8.69	8.83	1190		
		5	10.06	9.99	10.13	1140		
	2	2	8.43	8.35	8.49	1460	1300	
		3	10.08	10.01	10.15	1360		
		4	10.39	10.32	10.46	1230		
		5	11.20	11.13	11.27	1190		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/13/2014 08:00 Date Analyzed (2): 03/13/2014 08:00
 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	10800	14000	9.8
		2	2.47	2.40	2.54	12500		
		3	3.06	3.00	3.14	14800		
		4	3.25	3.19	3.33	16200		
		5	3.95	3.88	4.02	17000		
	2	1	3.06	3.00	3.14	10500	16000	
		2	3.78	3.72	3.86	14000		
		3	4.62	4.56	4.70	18300		
		4	4.87	4.81	4.95	20100		
Aroclor 1260	1	1	5.97	5.90	6.04	1360	1100	2.0
		2	7.48	7.42	7.56	1090		
		3	8.11	8.05	8.19	1000		
		4	8.76	8.69	8.83	970		
		5	10.05	9.99	10.13	988		
	2	2	8.42	8.35	8.49	1250	1100	
		3	10.07	10.01	10.15	1150		
		4	10.39	10.32	10.46	1050		
		5	11.20	11.13	11.27	975		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/13/2014 08:19 Date Analyzed (2): 03/13/2014 08:19
 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 1248	1	1	2.47	2.40	2.54	13900	8300	5.5
		2	3.06	2.99	3.13	8300		
		3	3.95	3.88	4.02	5290		
		4	5.03	4.96	5.10	5690		
		5	5.03	4.96	5.10	5690		
	2	1	3.79	3.72	3.86	16300	8800	
		2	4.63	4.55	4.69	10300		
		3	5.24	5.17	5.31	5470		
		4	6.35	6.28	6.42	5470		
		5	6.42	6.35	6.49	6210		
Aroclor 1260	1	1	5.97	5.90	6.04	1540	1300	3.4
		2	7.49	7.42	7.56	1280		
		3	8.12	8.05	8.19	1280		
		4	8.76	8.69	8.83	1210		
		5	10.06	9.99	10.13	1270		
	2	2	8.43	8.35	8.49	1500	1400	
		3	10.08	10.01	10.15	1400		
		4	10.39	10.32	10.46	1270		
		5	11.21	11.13	11.27	1270		
		5	11.21	11.13	11.27	1270		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211881/2-A
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/12/2014 00:14 Date Analyzed (2): 03/12/2014 00:14
 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 1016	1	1	2.34	2.28	2.42	463	423	3.7
		2	2.67	2.61	2.75	427		
		3	3.12	3.06	3.20	415		
		4	3.27	3.21	3.35	407		
		5	3.70	3.64	3.78	401		
	2	1	3.04	2.98	3.12	382	407	
		2	3.51	3.45	3.59	390		
		3	4.05	3.99	4.13	374		
		4	4.81	4.75	4.89	434		
		5	4.97	4.90	5.04	456		
Aroclor 1260	1	1	5.12	5.06	5.20	410	413	2.1
		2	6.28	6.22	6.36	420		
		3	6.75	6.70	6.84	426		
		4	7.24	7.19	7.33	346		
		5	8.62	8.56	8.70	462		
	2	1	6.50	6.44	6.58	420	404	
		2	6.84	6.78	6.92	413		
		3	8.38	8.33	8.47	375		
		4	8.93	8.87	9.01	399		
		5	10.14	10.07	10.21	414		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211882/2-A
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 03/12/2014 00:22 Date Analyzed (2): 03/12/2014 00:22
 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	361	376	0.5
		1	2.04	1.96	2.10	361		
		2	2.47	2.40	2.54	379		
		2	2.47	2.40	2.54	379		
		3	3.06	2.99	3.13	368		
		3	3.06	2.99	3.13	368		
		4	3.26	3.18	3.32	387		
		4	3.26	3.18	3.32	387		
		5	3.95	3.88	4.02	387		
		5	3.95	3.88	4.02	387		
	2	1	3.07	2.99	3.13	400	375	
		1	3.07	2.99	3.13	400		
		2	3.79	3.72	3.86	367		
		2	3.79	3.72	3.86	367		
		3	4.63	4.55	4.69	365		
		3	4.63	4.55	4.69	365		
		4	5.70	5.63	5.77	376		
		4	5.70	5.63	5.77	376		
		5	5.91	5.84	5.98	366		
		5	5.91	5.84	5.98	366		
Aroclor 1260	1	1	5.97	5.90	6.04	372	361	6.5
		1	5.97	5.90	6.04	372		
		2	7.49	7.42	7.56	358		
		2	7.49	7.42	7.56	358		
		3	8.13	8.05	8.19	357		
		3	8.13	8.05	8.19	357		
		4	8.77	8.69	8.83	344		
		4	8.77	8.69	8.83	344		
		5	10.06	9.99	10.13	374		
		5	10.06	9.99	10.13	374		
	2	1	7.97	7.89	8.03	401	385	
		1	7.97	7.89	8.03	401		
		2	8.43	8.35	8.49	371		
		2	8.43	8.35	8.49	371		
		3	10.08	10.01	10.15	380		
		3	10.08	10.01	10.15	380		
		4	10.39	10.32	10.46	375		
		4	10.39	10.32	10.46	375		
		5	11.20	11.13	11.27	398		
		5	11.20	11.13	11.27	398		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212128/2-A
 Instrument ID (1): CPESTGC7 Instrument ID (2): CPESTGC7
 Date Analyzed (1): 03/13/2014 00:33 Date Analyzed (2): 03/13/2014 00:33
 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 1016	1	1	2.35	2.28	2.42	489	442	2.9
		2	2.67	2.61	2.75	453		
		3	3.12	3.06	3.20	433		
		4	3.27	3.21	3.35	421		
		5	3.70	3.64	3.78	415		
	2	1	3.04	2.98	3.12	449	430	
		2	3.51	3.45	3.59	430		
		3	4.05	3.99	4.13	373		
		4	4.81	4.75	4.89	418		
		5	4.97	4.90	5.04	478		
Aroclor 1260	1	1	5.12	5.06	5.20	443	439	5.1
		2	6.28	6.22	6.36	457		
		3	6.75	6.70	6.84	462		
		4	7.24	7.19	7.33	348		
		5	8.62	8.56	8.70	487		
	2	1	6.49	6.44	6.58	429	418	
		2	6.83	6.78	6.92	413		
		3	8.38	8.33	8.47	404		
		4	8.93	8.87	9.01	403		
		5	10.14	10.07	10.21	439		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: OR214388.D
 Analysis Method: 8082 Date Collected: 03/07/2014 08:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 01:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 11.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	139	<i>X D</i>	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214388.D
 Lims ID: 460-72180-F-1-B Lab Sample ID: 460-72180-1
 Client ID: PMP-28SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 01:04:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-007
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:10:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

\$ 5 DCB Decachlorobiphenyl						M
1	10.655	10.655	0.0	372710	69.7	M
2	9.373	9.387	-0.014	632113	75.8	
RPD = 8.46						

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214388.D

Injection Date: 12-Mar-2014 01:04:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-1-B

Lab Sample ID: 460-72180-1

Worklist Smp#: 7

Client ID: PMP-28SW-SD

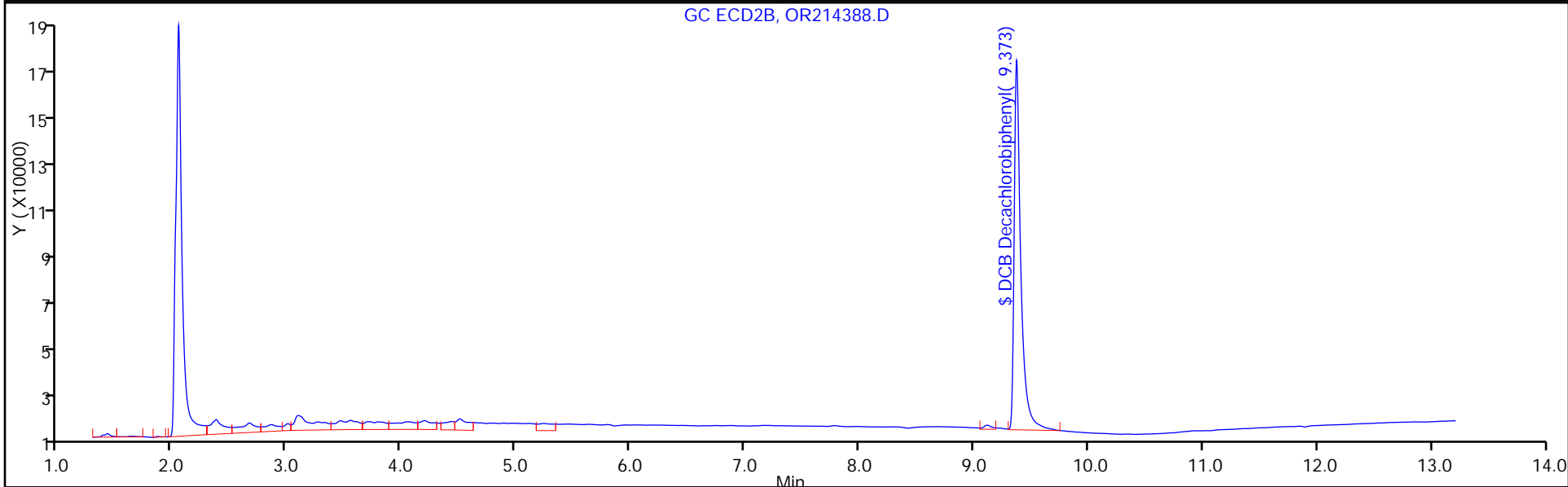
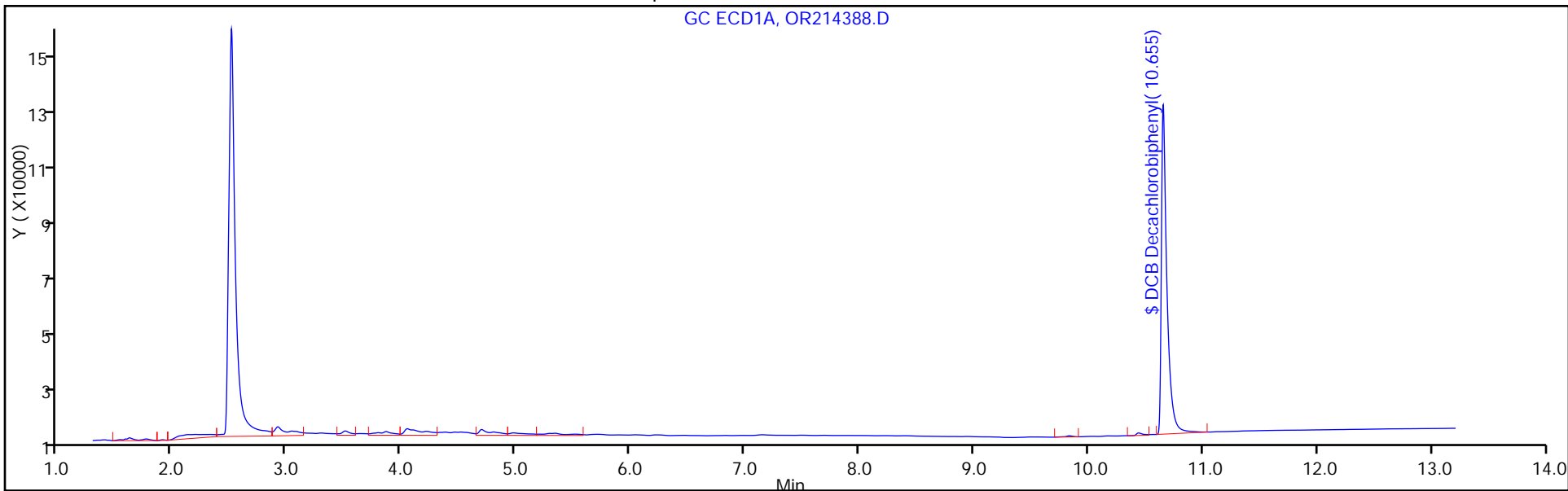
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082GC7

Limit Group: GC 8082 PCB



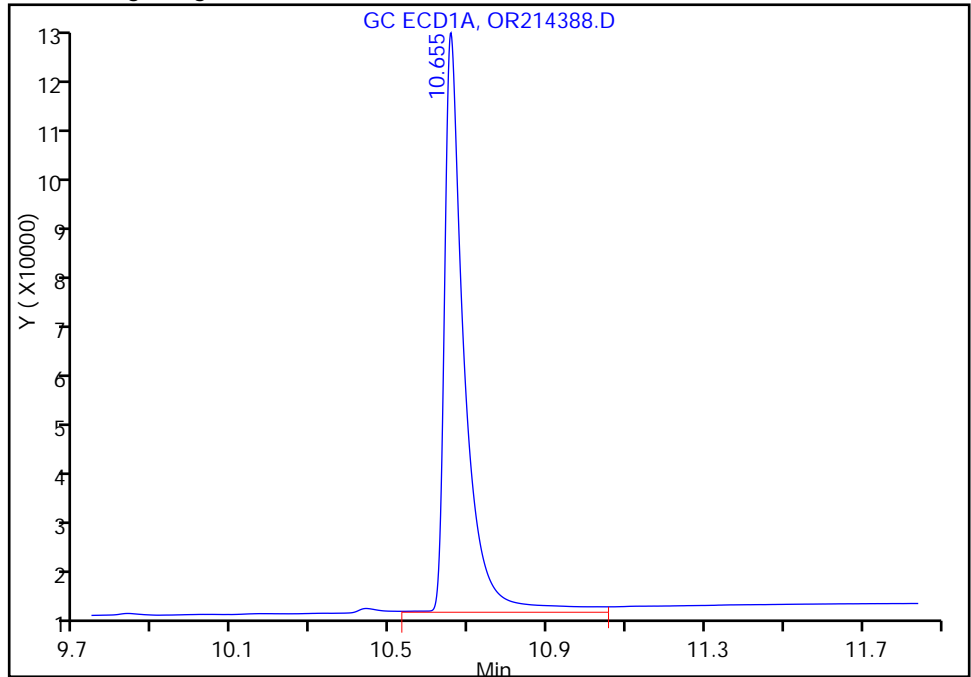
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214388.D
Injection Date: 12-Mar-2014 01:04:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-F-1-B Lab Sample ID: 460-72180-1
Client ID: PMP-28SW-SD
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
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

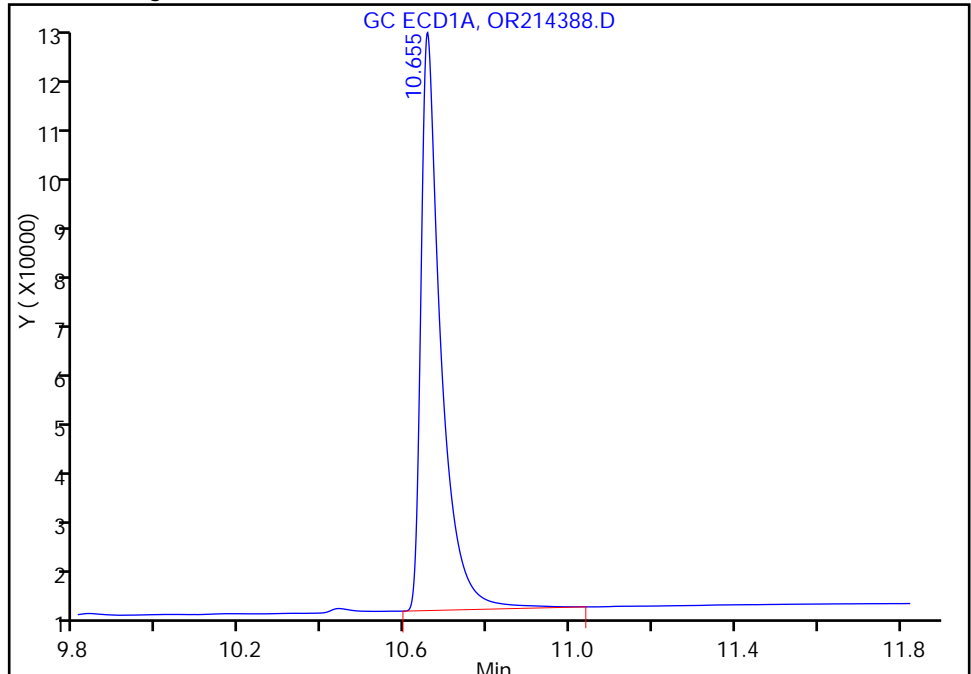
RT: 10.66
Response: 391100
Amount: 73.112124

Processing Integration Results



RT: 10.66
Response: 372710
Amount: 69.674302

Manual Integration Results



Reviewer: patelji, 12-Mar-2014 12:10:03
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: OR214388.D
 Analysis Method: 8082 Date Collected: 03/07/2014 08:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 01:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 11.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	17	U	76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	152	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214388.D
 Lims ID: 460-72180-F-1-B Lab Sample ID: 460-72180-1
 Client ID: PMP-28SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 01:04:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-007
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:10:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl						M
1	10.655	10.655	0.0	372710	69.7	M
2	9.373	9.387	-0.014	632113	75.8	
RPD = 8.46						

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214388.D

Injection Date: 12-Mar-2014 01:04:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-1-B

Lab Sample ID: 460-72180-1

Worklist Smp#: 7

Client ID: PMP-28SW-SD

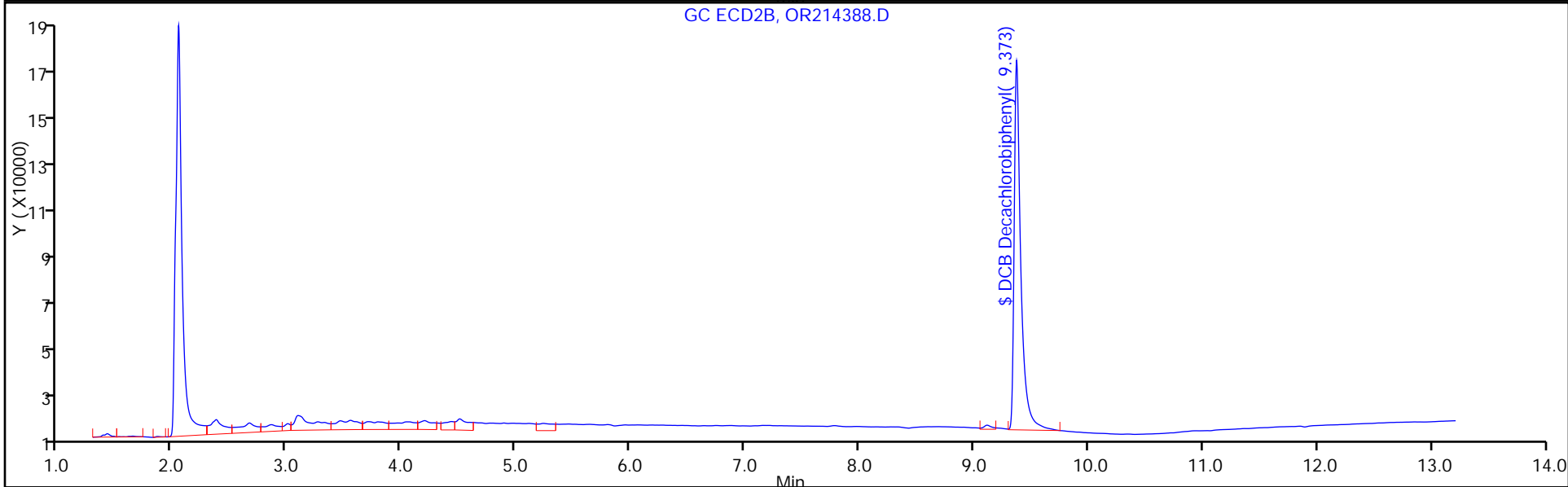
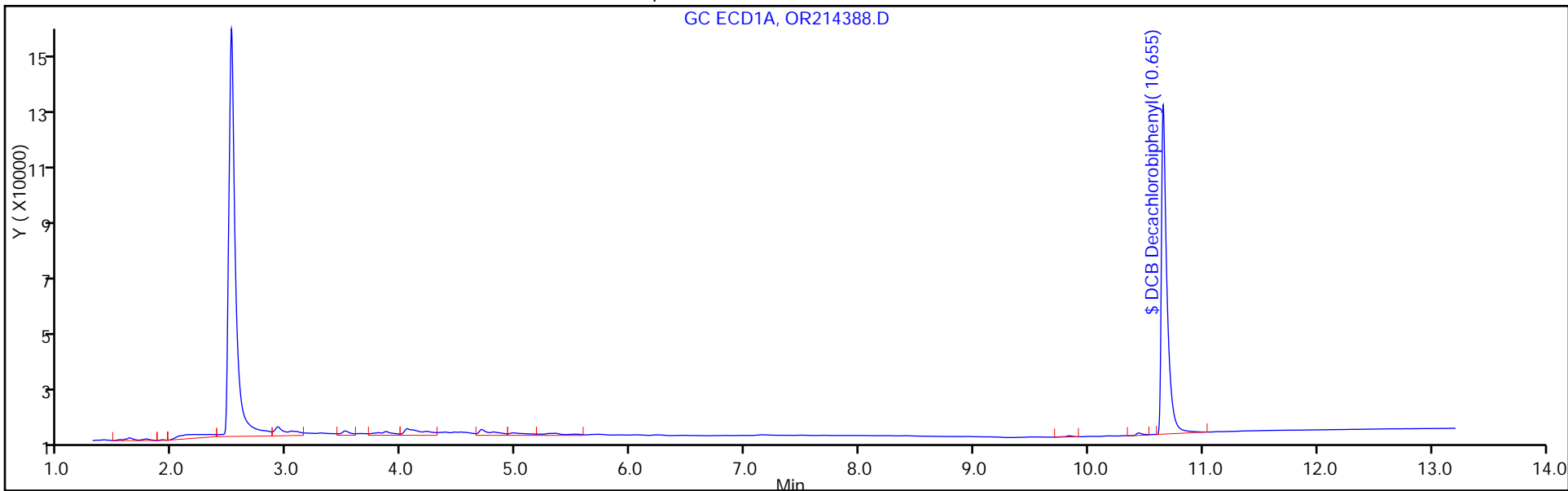
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: OR214389.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 01:21
 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.: 211991 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214389.D
 Lims ID: 460-72180-F-2-D Lab Sample ID: 460-72180-2
 Client ID: PMP-15SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 01:21:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-008
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:10:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.512	2.517	-0.005	492799	58.2	
2	2.048	2.055	-0.007	577793	56.8	
					RPD = 2.46	

\$ 5 DCB Decachlorobiphenyl

1	10.655	10.655	0.0	342984	64.1	
2	9.372	9.387	-0.015	556618	66.8	
					RPD = 4.06	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214389.D

Injection Date: 12-Mar-2014 01:21:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-2-D

Lab Sample ID: 460-72180-2

Worklist Smp#: 8

Client ID: PMP-15SW-VD

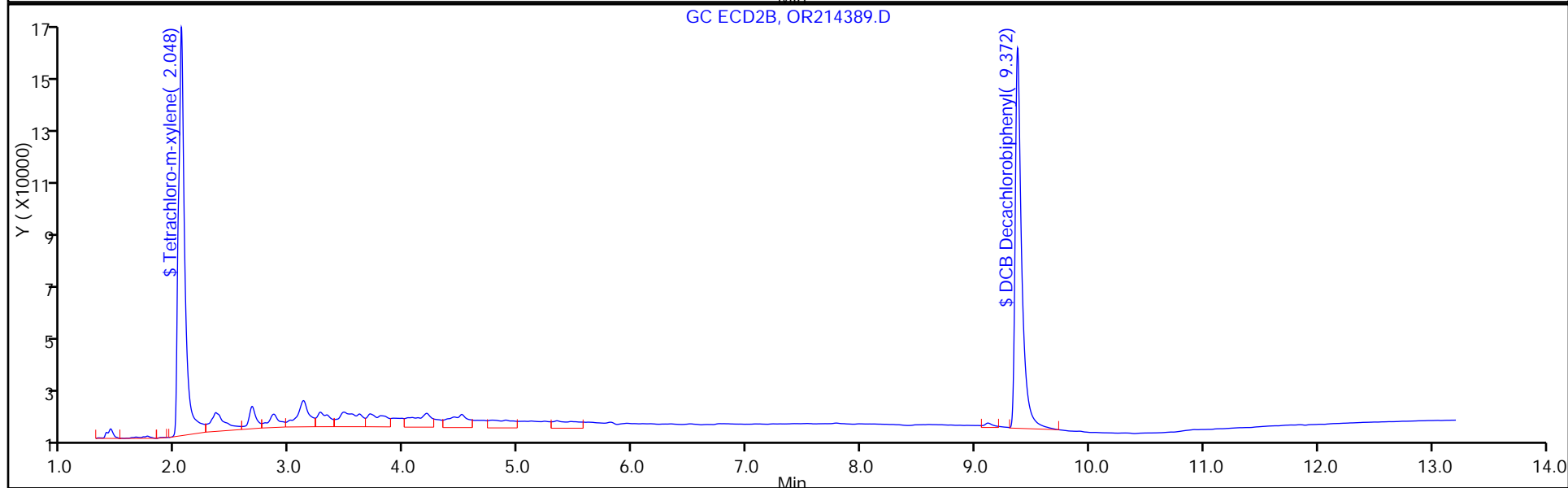
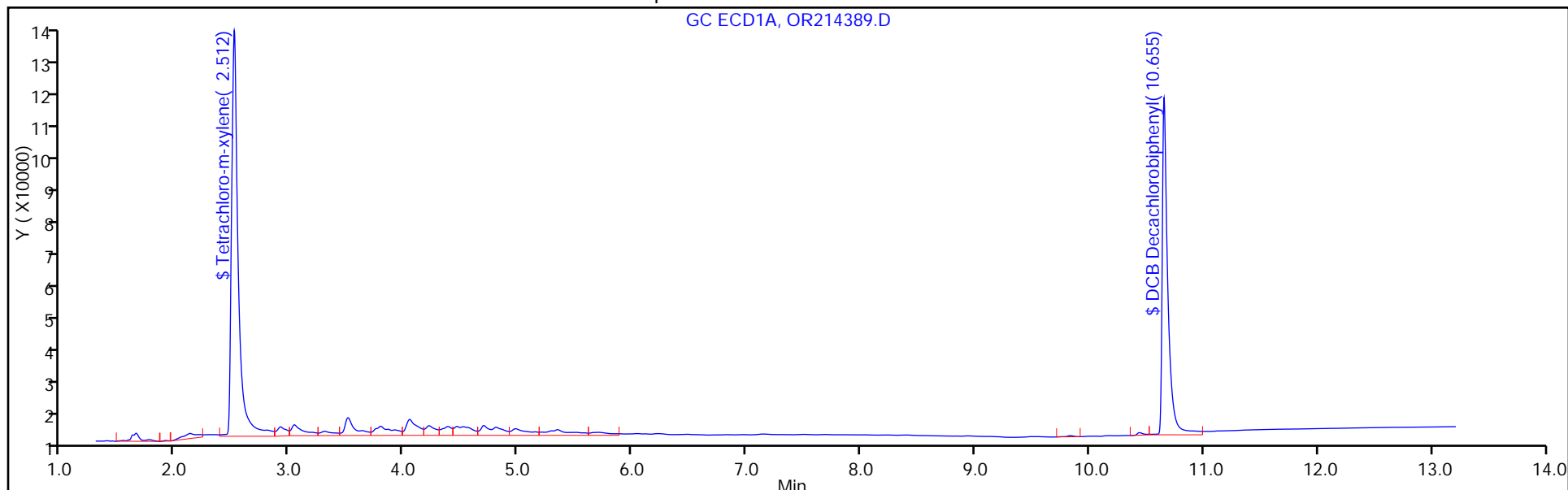
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: OR214389.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 01:21
 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.: 211991 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	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	134		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214389.D
 Lims ID: 460-72180-F-2-D Lab Sample ID: 460-72180-2
 Client ID: PMP-15SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 01:21:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-008
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:10:22

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.512	2.517	-0.005	492799	58.2	
2	2.048	2.055	-0.007	577793	56.8	
						RPD = 2.46

\$ 5 DCB Decachlorobiphenyl

1	10.655	10.655	0.0	342984	64.1	
2	9.372	9.387	-0.015	556618	66.8	
						RPD = 4.06

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214389.D

Injection Date: 12-Mar-2014 01:21:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-2-D

Lab Sample ID: 460-72180-2

Worklist Smp#: 8

Client ID: PMP-15SW-VD

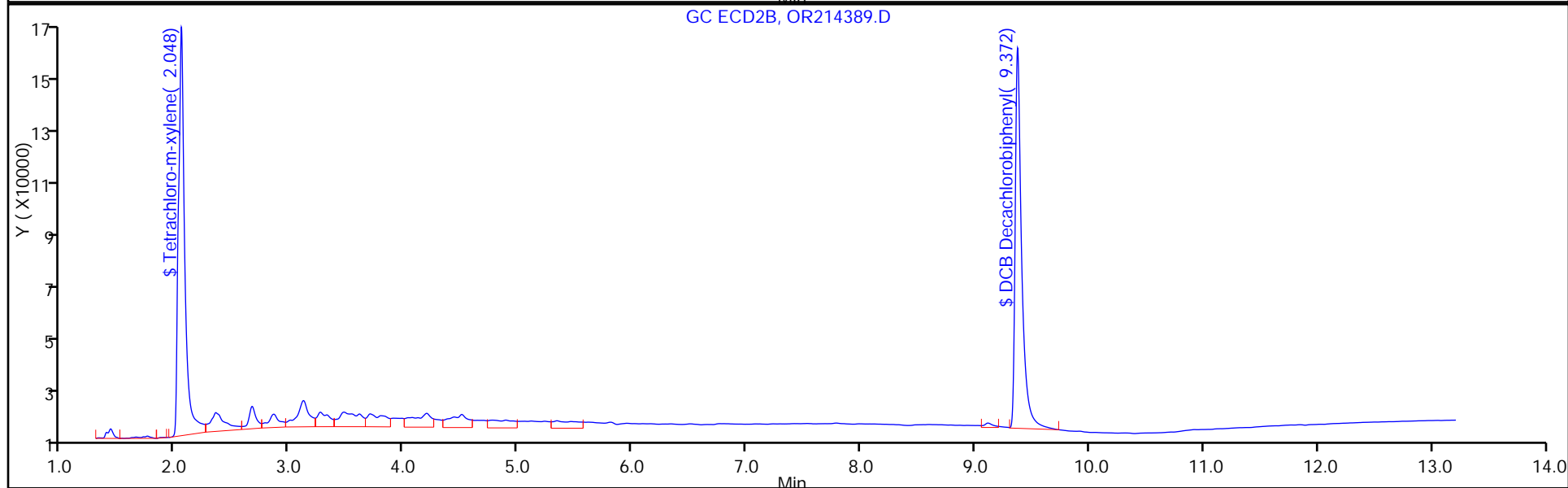
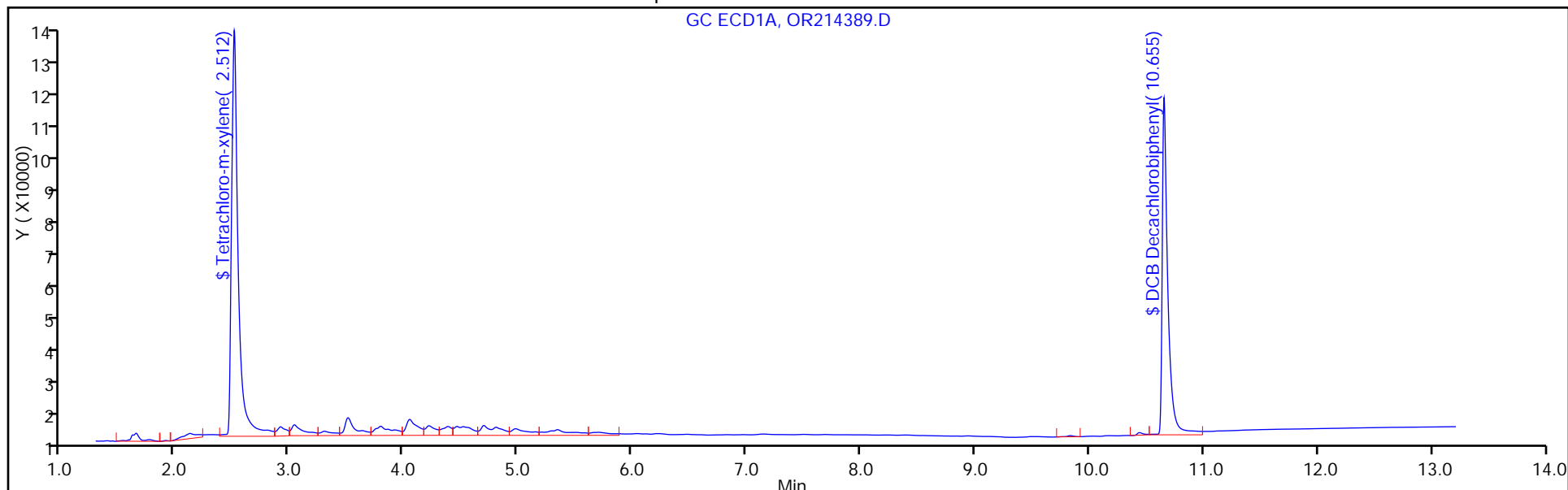
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: T004526.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 11:58
 Con. Extract Vol.: 10(mL) Dilution Factor: 50
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	75000		3800	860
11096-82-5	Aroclor 1260	4600		3800	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004526.D
 Lims ID: 460-72180-F-3-B Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 11:58:03 ALS Bottle#: 12 Worklist Smp#: 70
 Injection Vol: 1.0 ul Dil. Factor: 50.0000
 Sample Info: 460-0010737-070
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 13:24:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.071	3.065	0.006	9383015	1393.6	M
1	3.801	3.792	0.009	24719348	1855.6	
1	4.633	4.627	0.006	60127977	2331.6	M
1	4.885	4.876	0.009	24189786	2330.7	M
1	0.0	6.424	-6.424	0	0	

Average of Peak Amounts = 1977.9

2	2.033	2.035	-0.002	32887834	1198.3	
2	2.470	2.472	-0.002	86915248	1681.1	
2	3.063	3.065	-0.002	198228630	1846.7	M
2	3.255	3.257	-0.002	81217536	1881.7	M
2	3.953	3.954	-0.001	82082873	1906.0	

Average of Peak Amounts = 1702.7

RPD = 14.95

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.440	8.423	0.017	3672163	145.3	
1	10.083	10.075	0.008	2206115	115.4	M
1	10.398	10.391	0.007	4504556	108.0	M
1	11.211	11.198	0.013	1211710	111.9	

Average of Peak Amounts = 120.1

2	5.972	5.972	0.0	8713644	127.1	
2	7.491	7.486	0.005	7302119	103.8	
2	8.124	8.121	0.003	16302172	107.2	
2	8.762	8.760	0.002	9443134	117.7	
2	10.058	10.058	0.0	4254557	112.2	M

Average of Peak Amounts = 113.6

RPD = 5.62

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004526.D

Injection Date: 12-Mar-2014 11:58:03

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-3-B

Lab Sample ID: 460-72180-3

Worklist Smp#: 70

Client ID: PMP-15SW-WT

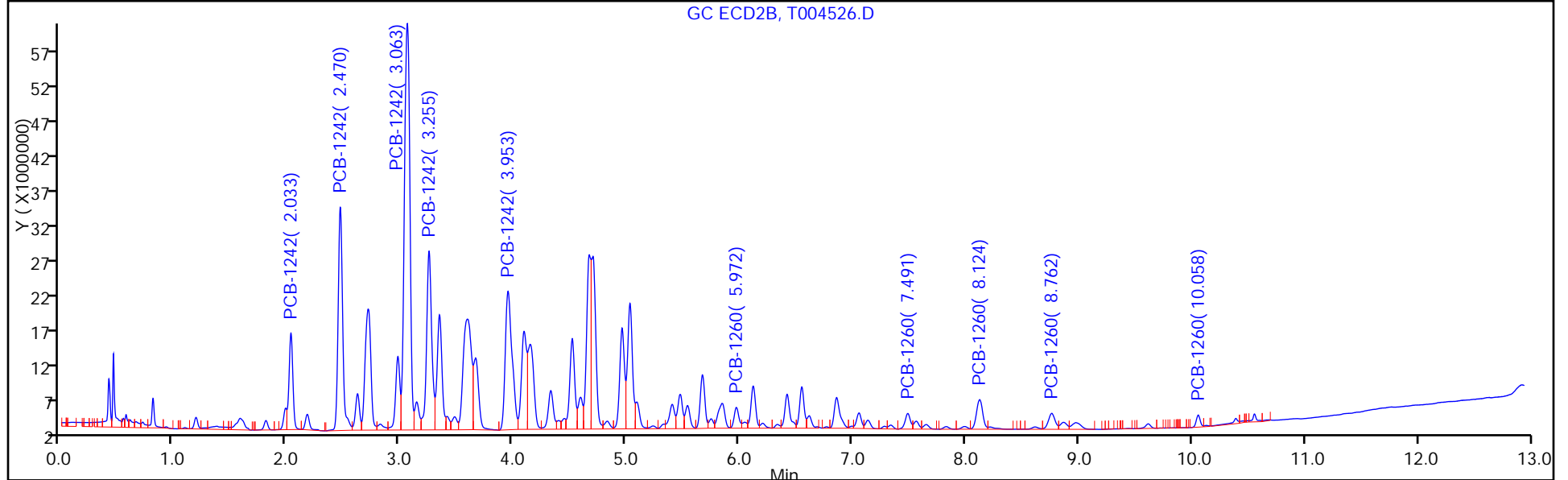
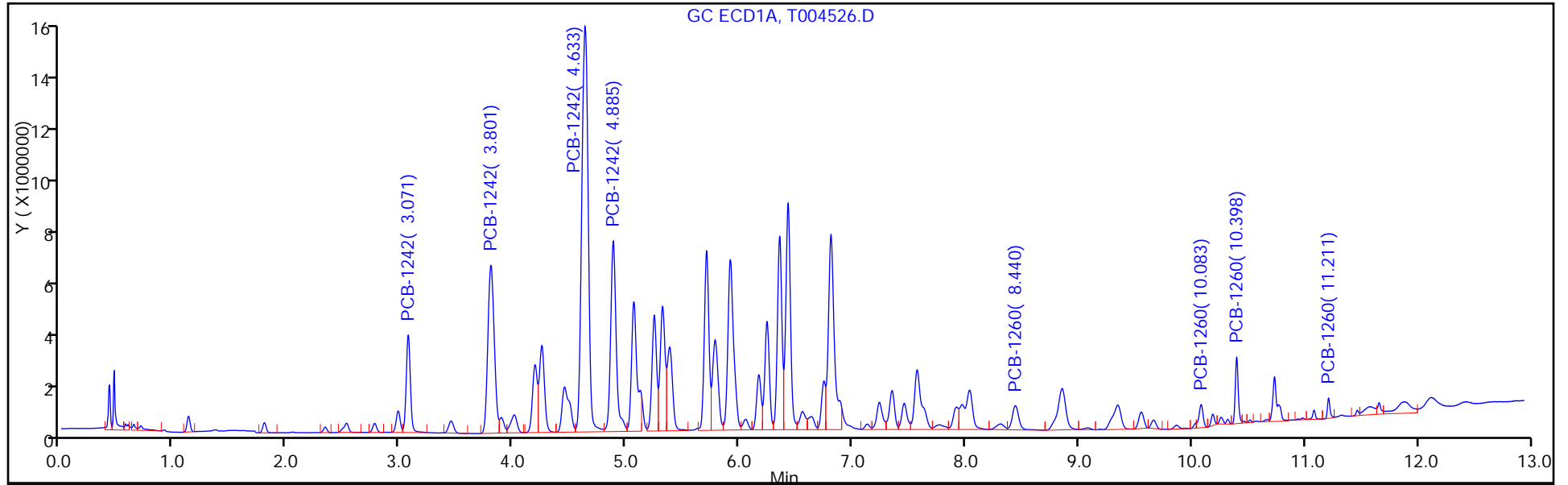
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 12

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: T004526.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 11:58
 Con. Extract Vol.: 10(mL) Dilution Factor: 50
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	860	U	3800	860
11104-28-2	Aroclor 1221	860	U	3800	860
11141-16-5	Aroclor 1232	860	U	3800	860
12672-29-6	Aroclor 1248	860	U	3800	860
11097-69-1	Aroclor 1254	1100	U	3800	1100
37324-23-5	Aroclor 1262	1100	U	3800	1100
11100-14-4	Aroclor 1268	1100	U	3800	1100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004526.D
 Lims ID: 460-72180-F-3-B Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 11:58:03 ALS Bottle#: 12 Worklist Smp#: 70
 Injection Vol: 1.0 ul Dil. Factor: 50.0000
 Sample Info: 460-0010737-070
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 13:24:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.071	3.065	0.006	9383015	1393.6	M
1	3.801	3.792	0.009	24719348	1855.6	
1	4.633	4.627	0.006	60127977	2331.6	M
1	4.885	4.876	0.009	24189786	2330.7	M
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1977.9	
2	2.033	2.035	-0.002	32887834	1198.3	
2	2.470	2.472	-0.002	86915248	1681.1	
2	3.063	3.065	-0.002	198228630	1846.7	M
2	3.255	3.257	-0.002	81217536	1881.7	M
2	3.953	3.954	-0.001	82082873	1906.0	
Average of Peak Amounts =					1702.7	
					RPD = 14.95	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.440	8.423	0.017	3672163	145.3	
1	10.083	10.075	0.008	2206115	115.4	M
1	10.398	10.391	0.007	4504556	108.0	M
1	11.211	11.198	0.013	1211710	111.9	
Average of Peak Amounts =					120.1	
2	5.972	5.972	0.0	8713644	127.1	
2	7.491	7.486	0.005	7302119	103.8	
2	8.124	8.121	0.003	16302172	107.2	
2	8.762	8.760	0.002	9443134	117.7	
2	10.058	10.058	0.0	4254557	112.2	M
Average of Peak Amounts =					113.6	
					RPD = 5.62	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004526.D

Injection Date: 12-Mar-2014 11:58:03

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-3-B

Lab Sample ID: 460-72180-3

Worklist Smp#: 70

Client ID: PMP-15SW-WT

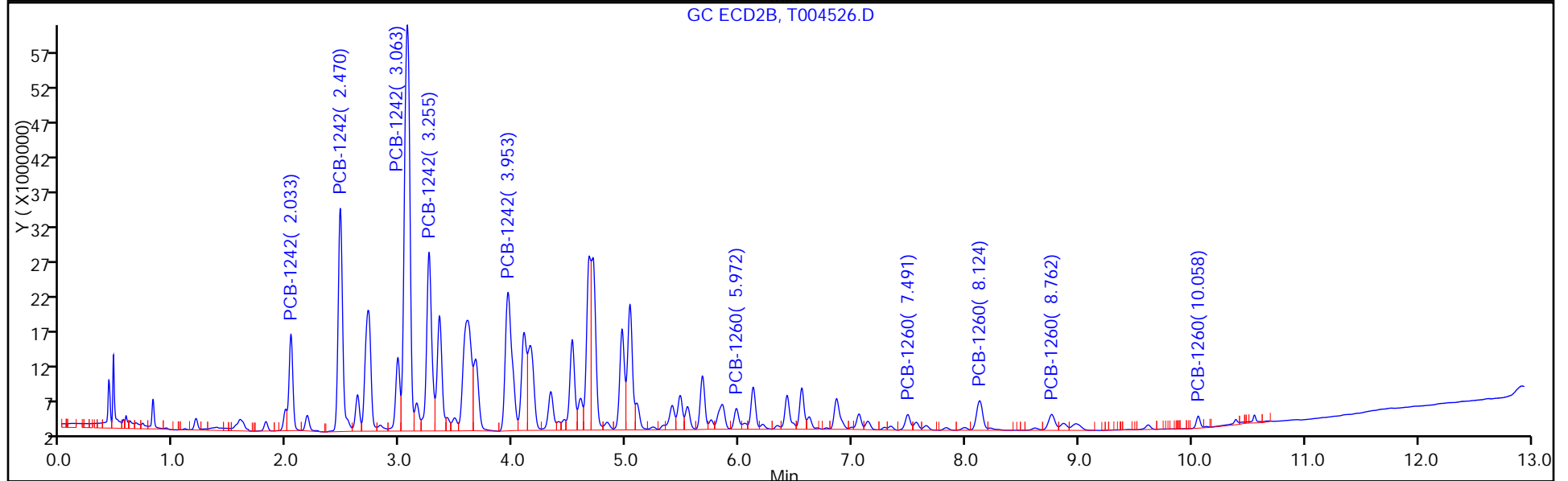
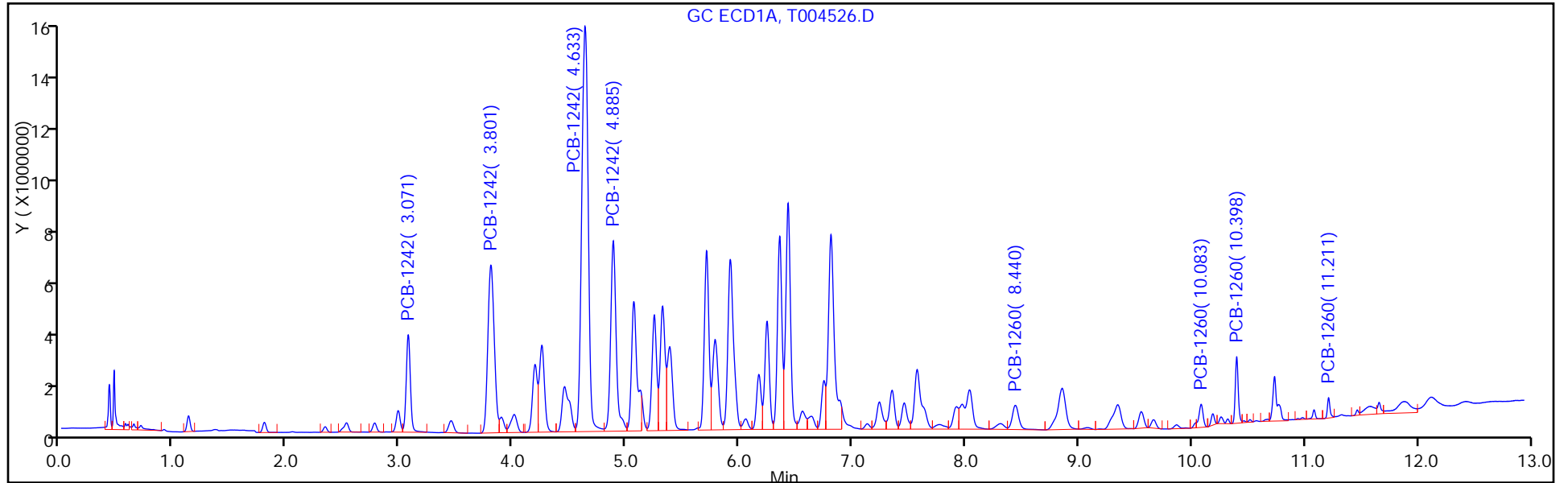
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 12

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: T004527.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 14.99(g) Date Analyzed: 03/12/2014 12:17
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004527.D
 Lims ID: 460-72180-F-4-B Lab Sample ID: 460-72180-4
 Client ID: PMP-15SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:17:02 ALS Bottle#: 13 Worklist Smp#: 71
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-071
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 13:54:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	11.646	11.636	0.010	20905877	65.0
2	10.553	10.555	-0.002	78269387	64.2

RPD = 1.23

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004527.D

Injection Date: 12-Mar-2014 12:17:02

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-4-B

Lab Sample ID: 460-72180-4

Worklist Smp#: 71

Client ID: PMP-15SW-SI

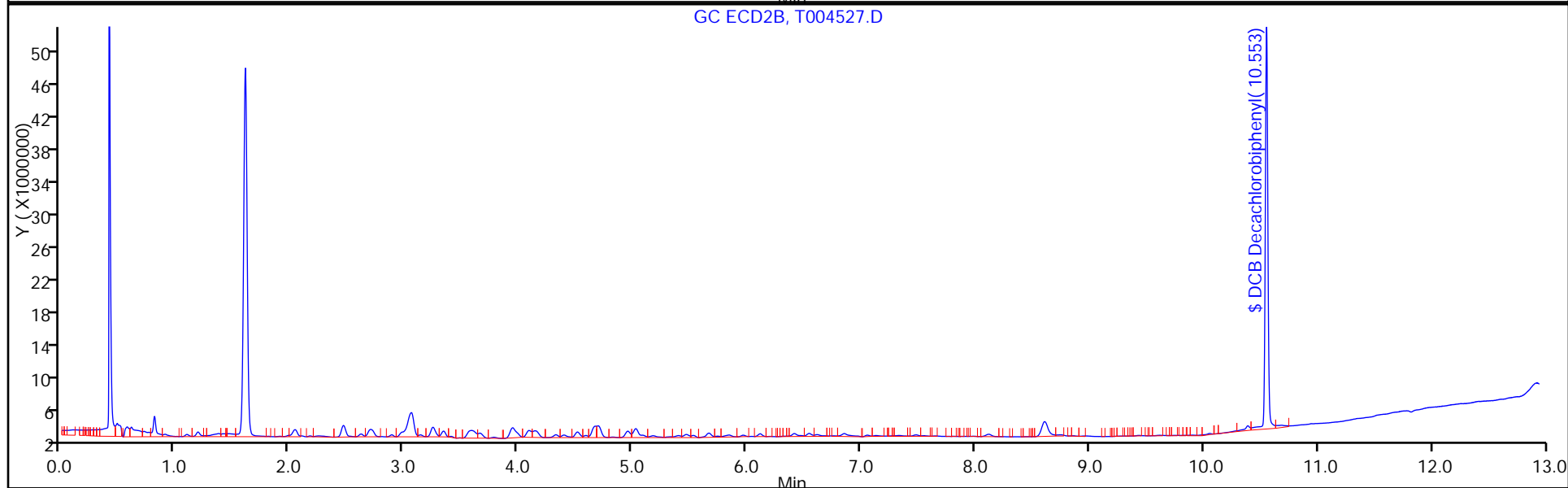
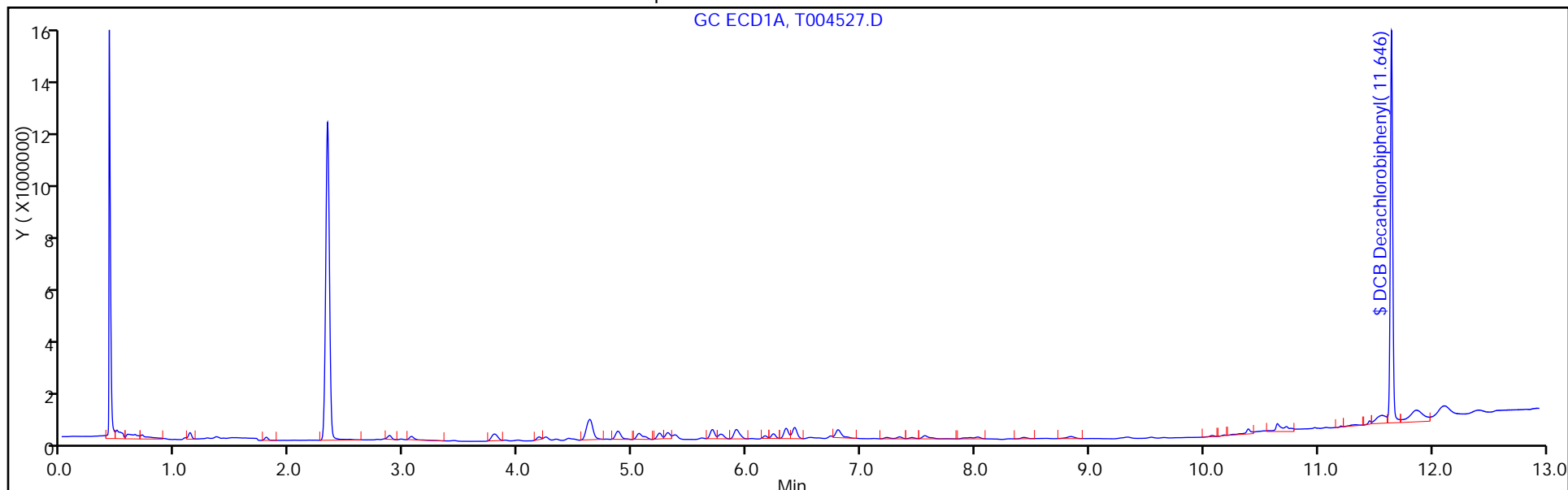
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: T004527.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 14.99(g) Date Analyzed: 03/12/2014 12:17
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	79	18
11104-28-2	Aroclor 1221	18	U	79	18
11141-16-5	Aroclor 1232	18	U	79	18
53469-21-9	Aroclor 1242	18	U	79	18
12672-29-6	Aroclor 1248	18	U	79	18
11097-69-1	Aroclor 1254	22	U	79	22
11096-82-5	Aroclor 1260	22	U	79	22
37324-23-5	Aroclor 1262	22	U	79	22
11100-14-4	Aroclor 1268	22	U	79	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004527.D
 Lims ID: 460-72180-F-4-B Lab Sample ID: 460-72180-4
 Client ID: PMP-15SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:17:02 ALS Bottle#: 13 Worklist Smp#: 71
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-071
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 13:54:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	11.646	11.636	0.010	20905877	65.0
2	10.553	10.555	-0.002	78269387	64.2

RPD = 1.23

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004527.D

Injection Date: 12-Mar-2014 12:17:02

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-4-B

Lab Sample ID: 460-72180-4

Worklist Smp#: 71

Client ID: PMP-15SW-SI

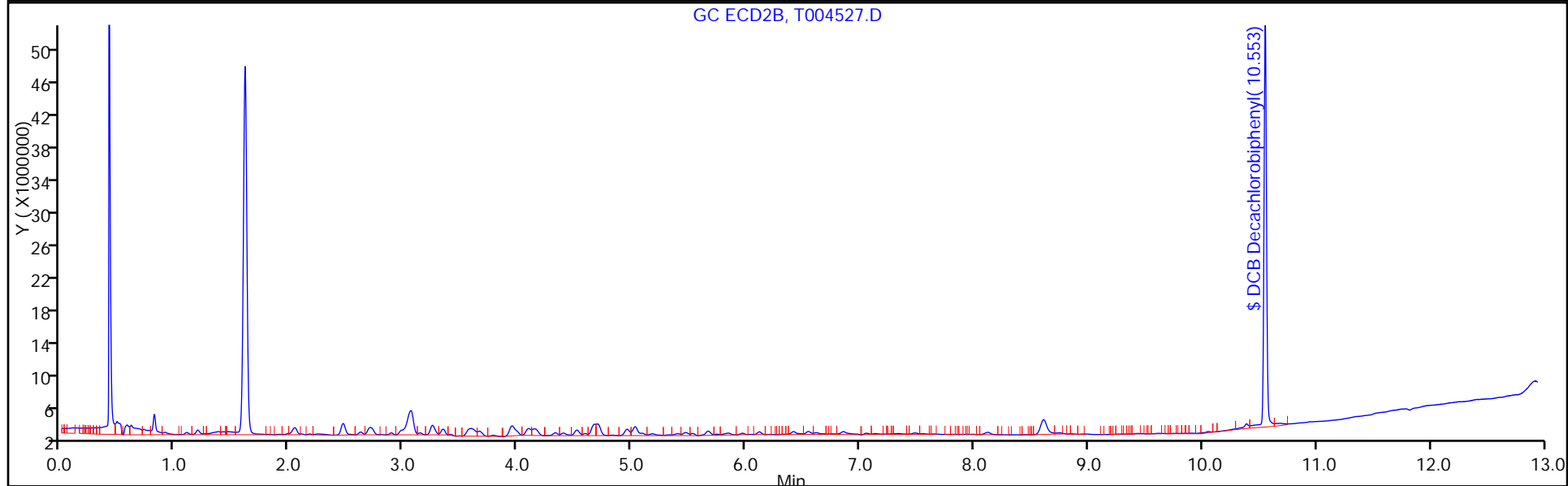
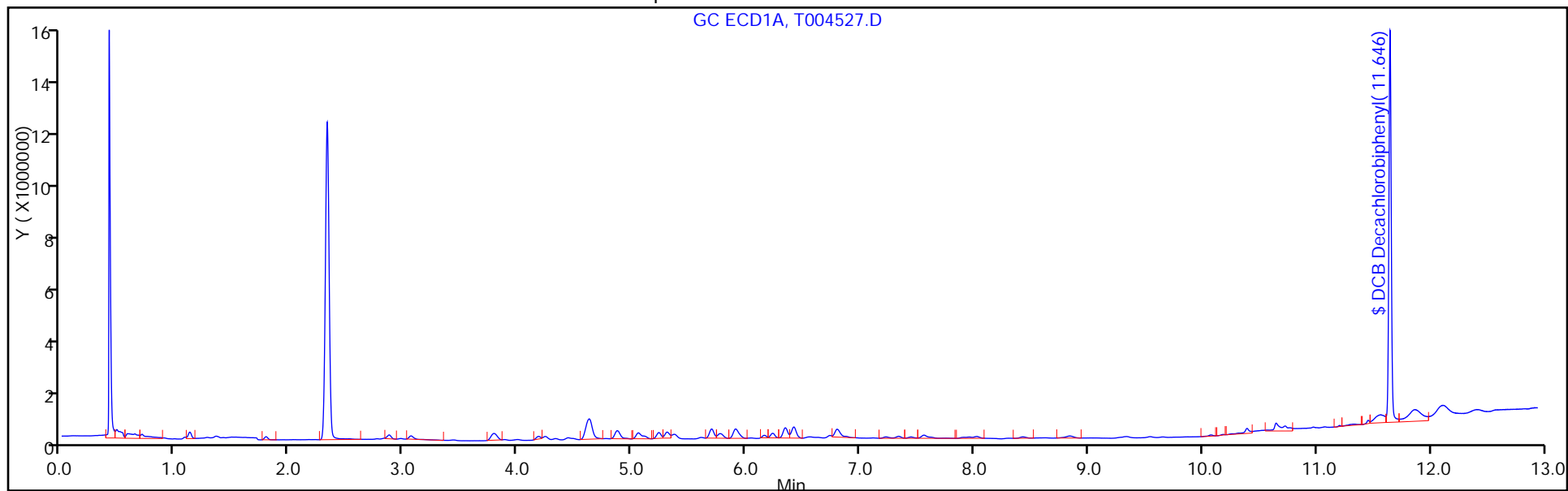
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: OR214392.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 02:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

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\20140312-10736.b\OR214392.D
 Lims ID: 460-72180-F-5-B Lab Sample ID: 460-72180-5
 Client ID: PMP-15SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 02:09:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-011
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:14:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	10.655	10.655	0.0	350886	65.6	
2	9.372	9.387	-0.015	562779	67.5	

RPD = 2.88

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214392.D

Injection Date: 12-Mar-2014 02:09:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-5-B

Lab Sample ID: 460-72180-5

Worklist Smp#: 11

Client ID: PMP-15SW-SD

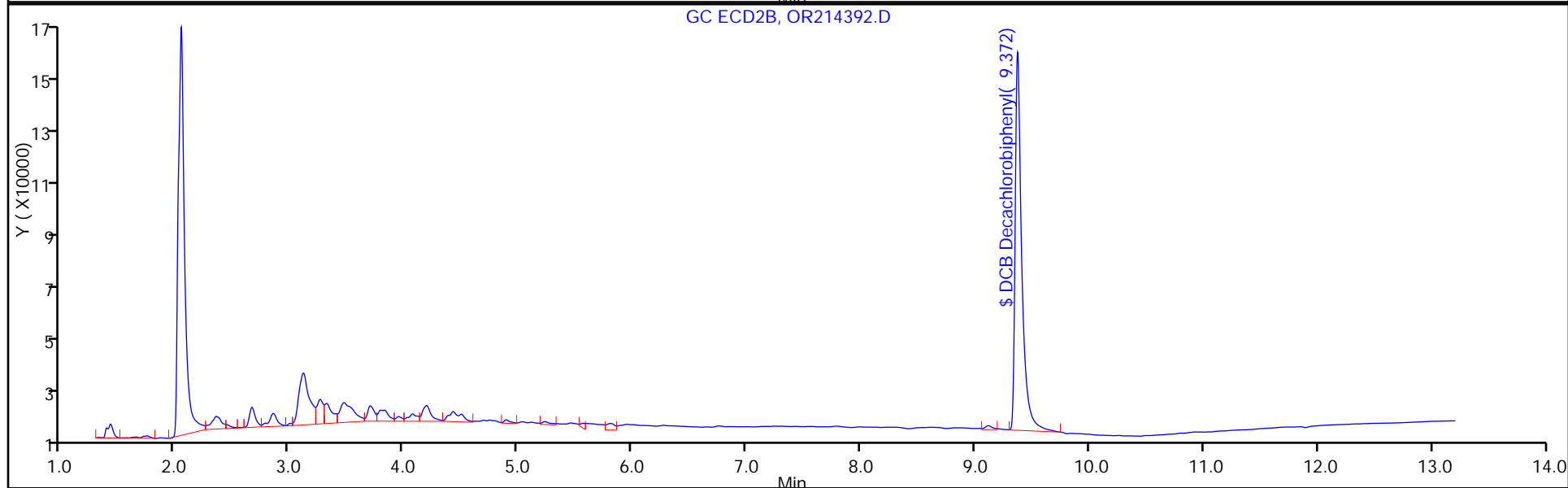
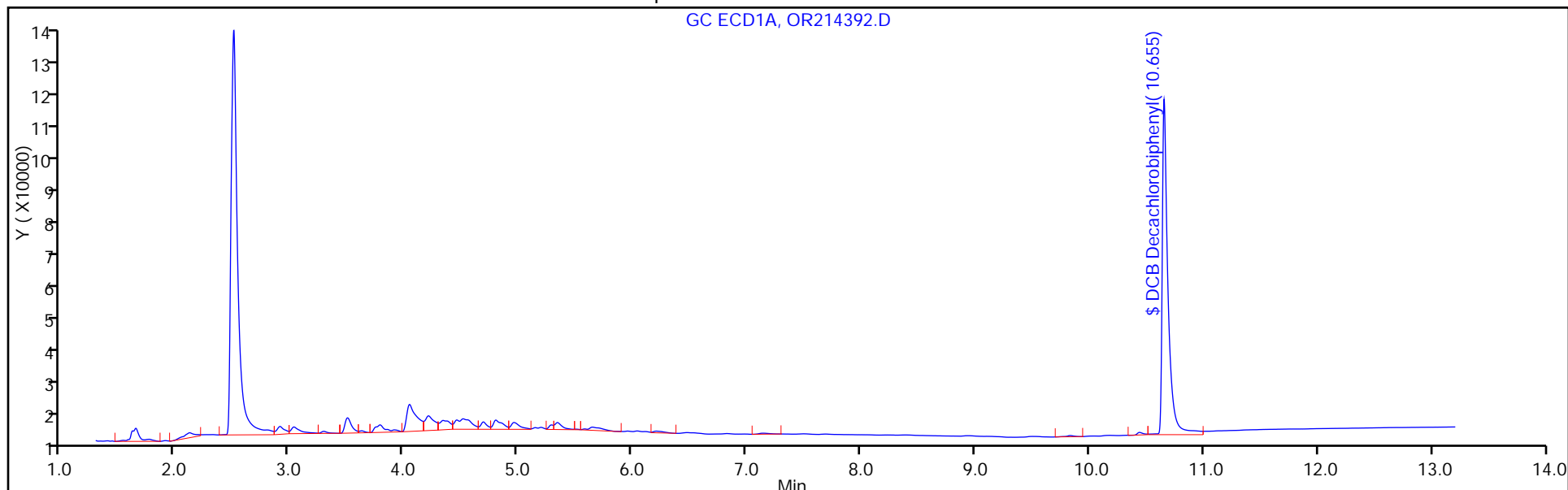
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: OR214392.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 02:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	17	U	76	17
11104-28-2	Aroclor 1221	17	U	76	17
11141-16-5	Aroclor 1232	17	U	76	17
53469-21-9	Aroclor 1242	17	U	76	17
12672-29-6	Aroclor 1248	17	U	76	17
11097-69-1	Aroclor 1254	22	U	76	22
11096-82-5	Aroclor 1260	22	U	76	22
37324-23-5	Aroclor 1262	22	U	76	22
11100-14-4	Aroclor 1268	22	U	76	22

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\20140312-10736.b\OR214392.D
 Lims ID: 460-72180-F-5-B Lab Sample ID: 460-72180-5
 Client ID: PMP-15SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 02:09:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-011
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:14:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	10.655	10.655	0.0	350886	65.6	
2	9.372	9.387	-0.015	562779	67.5	

RPD = 2.88

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214392.D

Injection Date: 12-Mar-2014 02:09:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-5-B

Lab Sample ID: 460-72180-5

Worklist Smp#: 11

Client ID: PMP-15SW-SD

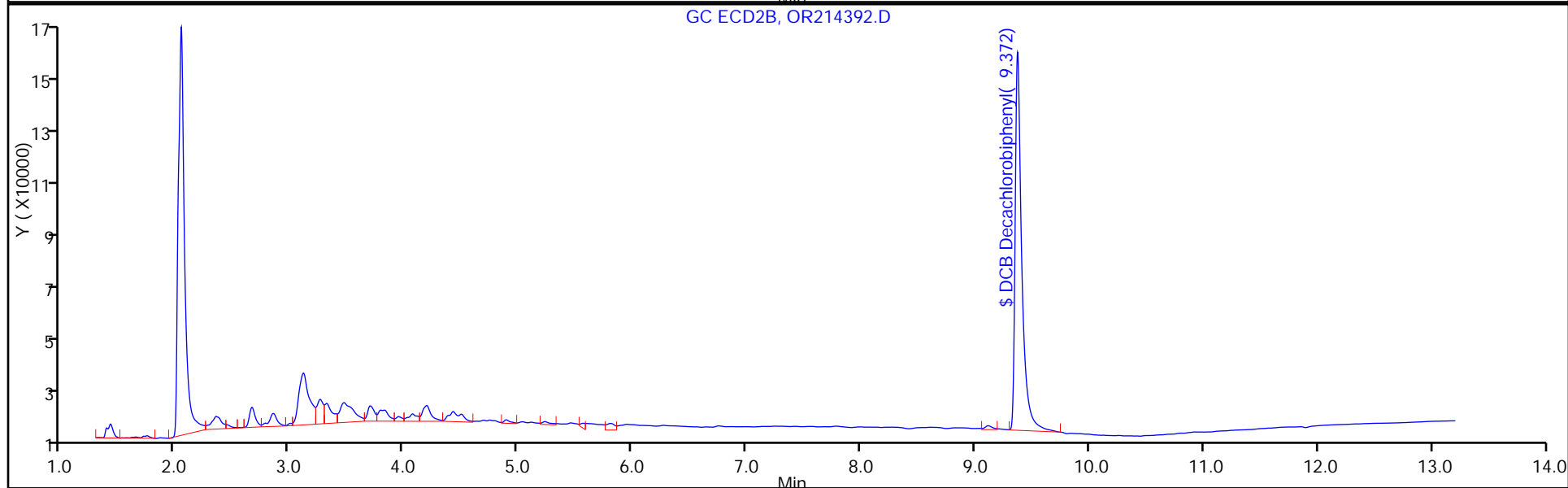
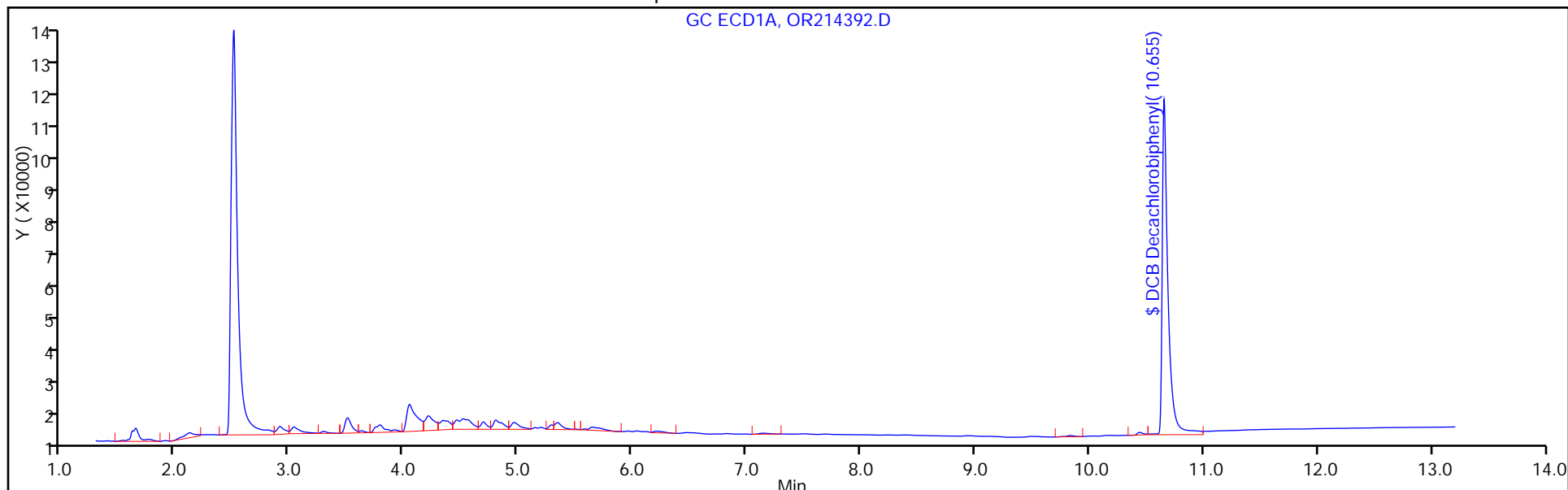
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: T004528.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:20
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 12:35
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	15000		760	170
11096-82-5	Aroclor 1260	1900		760	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D
 Lims ID: 460-72180-F-6-B Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:35:57 ALS Bottle#: 14 Worklist Smp#: 72
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-072
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 13:55:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						M
1	3.061	3.065	-0.004	10072210	1496.0	
1	3.788	3.792	-0.004	23525459	1766.0	
1	4.627	4.627	0.0	59037814	2289.3	
1	4.873	4.876	-0.003	23610123	2274.9	
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1956.5	
2	2.032	2.035	-0.003	37532858	1367.5	M
2	2.468	2.472	-0.004	74500312	1440.9	M
2	3.061	3.065	-0.004	189035988	1761.1	M
2	3.252	3.257	-0.005	79702937	1846.6	M
2	3.949	3.954	-0.005	86327602	2004.5	M
Average of Peak Amounts =					1684.1	
RPD = 14.96						

10 PCB-1260						M
1	0.0	7.957	-7.957	0	0	
1	8.427	8.423	0.004	6849742	271.0	
1	10.074	10.075	-0.001	4982795	260.6	
1	10.392	10.391	0.001	9884474	237.1	
1	11.199	11.198	0.001	2514802	232.2	
Average of Peak Amounts =					250.2	
2	5.969	5.972	-0.003	17867426	260.6	M
2	7.484	7.486	-0.002	15978513	227.1	M
2	8.117	8.121	-0.004	35123181	230.9	M
2	8.754	8.760	-0.006	19757942	246.2	
2	10.054	10.058	-0.004	8689427	229.1	M
Average of Peak Amounts =					238.8	
RPD = 4.67						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D

Injection Date: 12-Mar-2014 12:35:57

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-6-B

Lab Sample ID: 460-72180-6

Worklist Smp#: 72

Client ID: PMP-16SW-WT

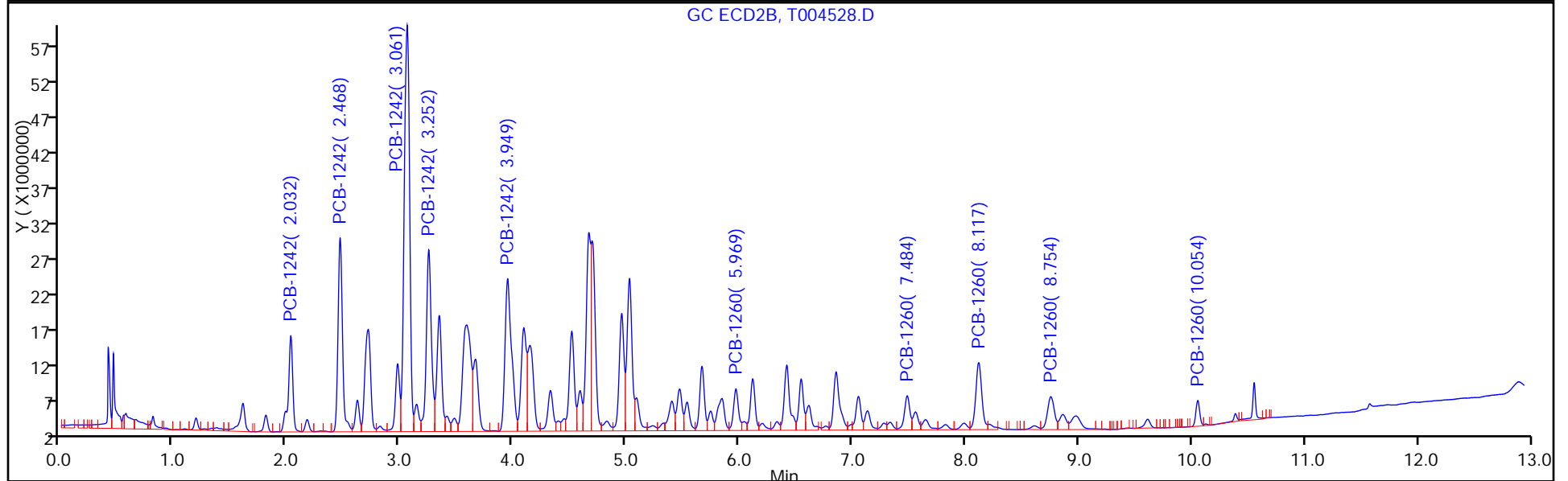
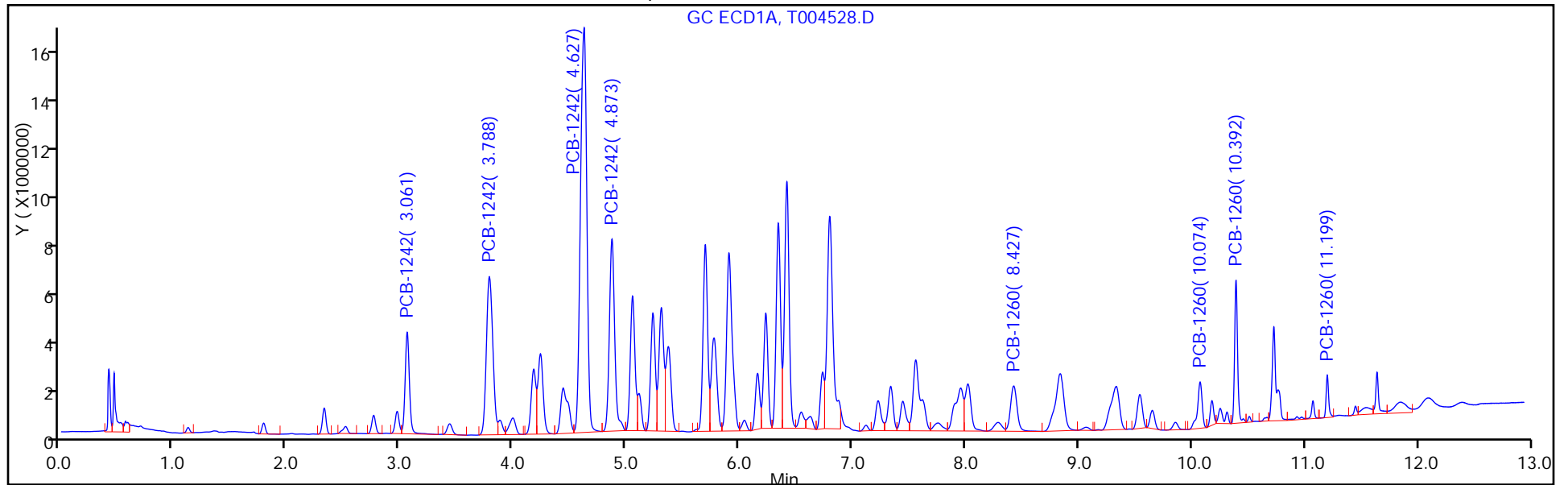
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 14

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: T004528.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:20
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 12:35
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 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
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 D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D
 Lims ID: 460-72180-F-6-B Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:35:57 ALS Bottle#: 14 Worklist Smp#: 72
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-072
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 13:55:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						M
1	3.061	3.065	-0.004	10072210	1496.0	
1	3.788	3.792	-0.004	23525459	1766.0	
1	4.627	4.627	0.0	59037814	2289.3	
1	4.873	4.876	-0.003	23610123	2274.9	
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1956.5	
2	2.032	2.035	-0.003	37532858	1367.5	M
2	2.468	2.472	-0.004	74500312	1440.9	M
2	3.061	3.065	-0.004	189035988	1761.1	M
2	3.252	3.257	-0.005	79702937	1846.6	M
2	3.949	3.954	-0.005	86327602	2004.5	M
Average of Peak Amounts =					1684.1	
RPD = 14.96						

10 PCB-1260						M
1	0.0	7.957	-7.957	0	0	
1	8.427	8.423	0.004	6849742	271.0	
1	10.074	10.075	-0.001	4982795	260.6	
1	10.392	10.391	0.001	9884474	237.1	
1	11.199	11.198	0.001	2514802	232.2	
Average of Peak Amounts =					250.2	
2	5.969	5.972	-0.003	17867426	260.6	M
2	7.484	7.486	-0.002	15978513	227.1	M
2	8.117	8.121	-0.004	35123181	230.9	M
2	8.754	8.760	-0.006	19757942	246.2	
2	10.054	10.058	-0.004	8689427	229.1	M
Average of Peak Amounts =					238.8	
RPD = 4.67						

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D

Injection Date: 12-Mar-2014 12:35:57

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-6-B

Lab Sample ID: 460-72180-6

Worklist Smp#: 72

Client ID: PMP-16SW-WT

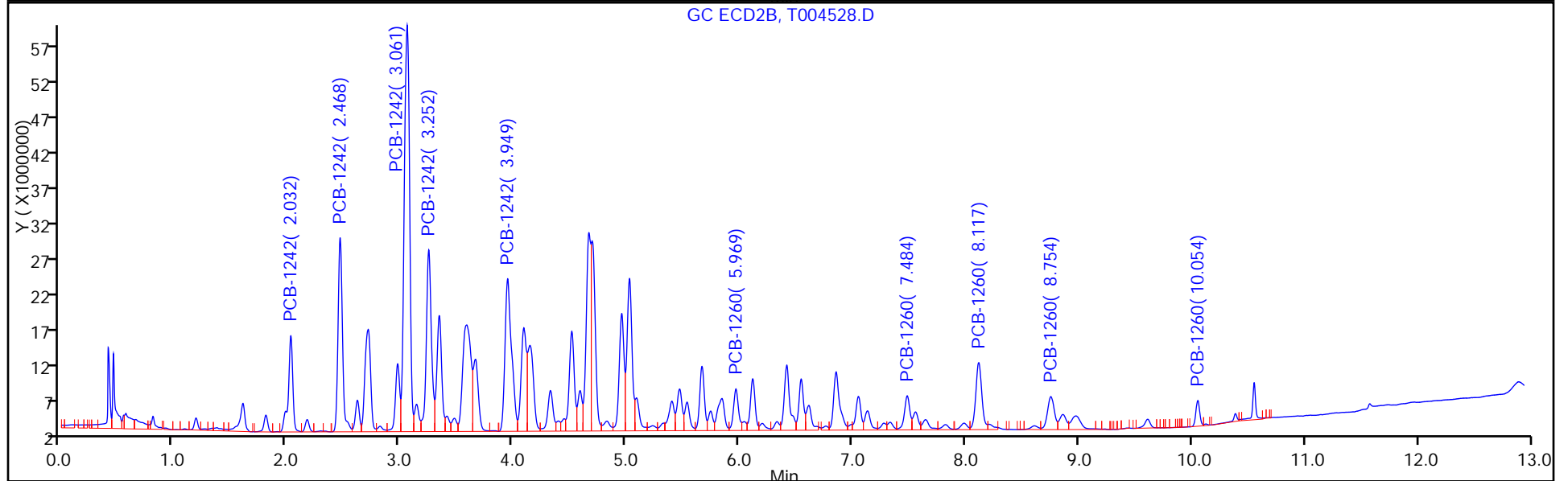
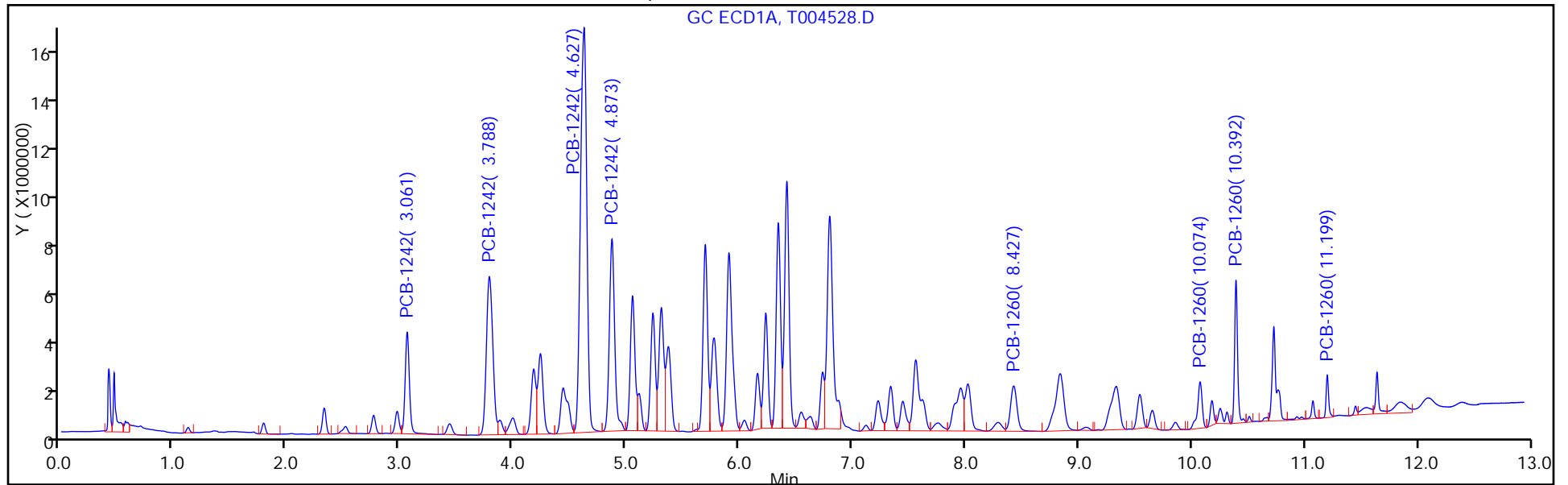
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 14

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D

Injection Date: 12-Mar-2014 12:35:57

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-6-B

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 14

Worklist Smp#: 72

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

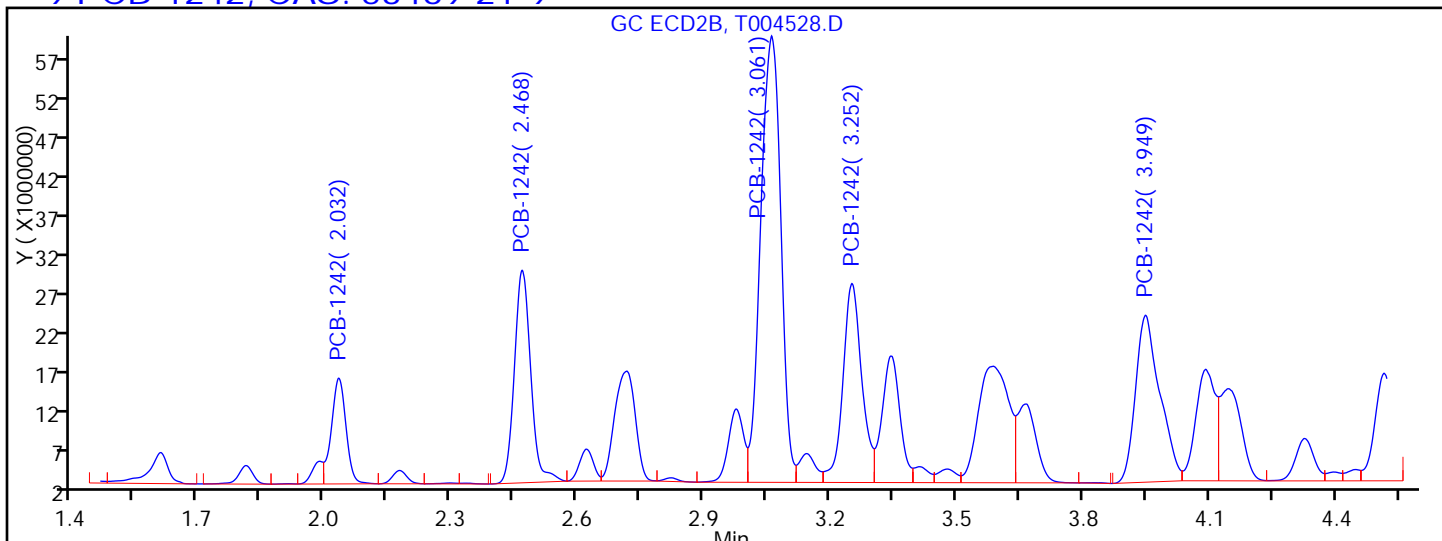
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

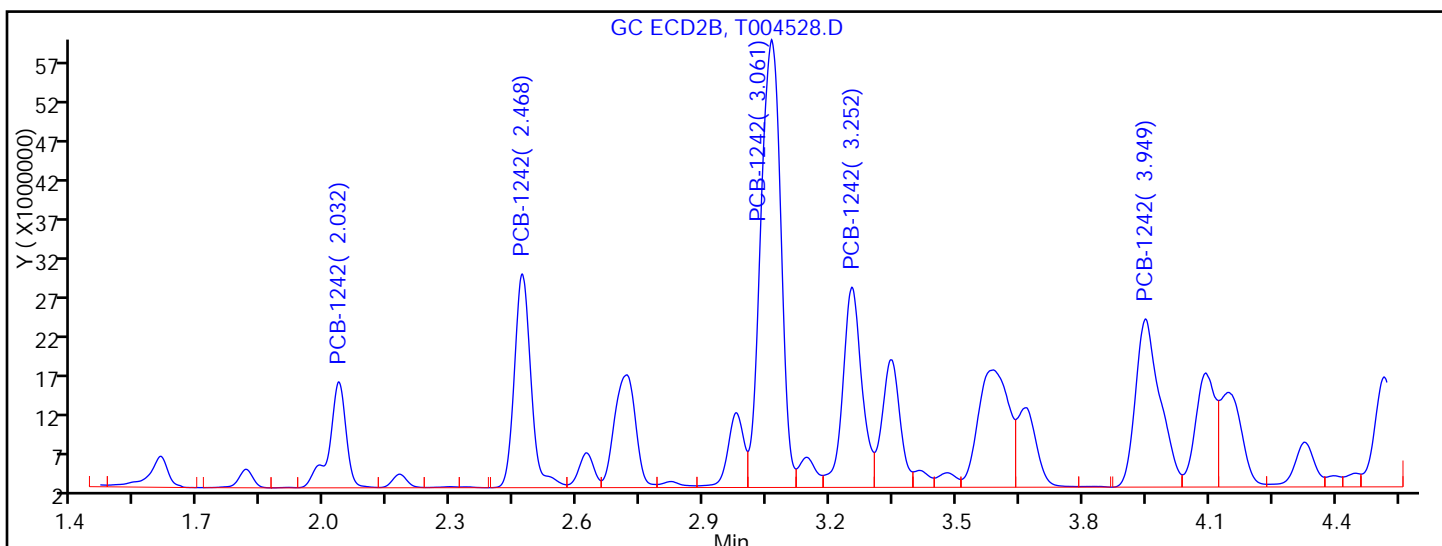
Detector: GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.032	Response = 32132740	M
RT = 2.468	Response = 72574151	M
RT = 3.061	Response = 187806625	M
RT = 3.252	Response = 78595534	M
RT = 3.949	Response = 84732049	M



Manual Integration Results

RT = 2.032	Response = 37532858	M
RT = 2.468	Response = 74500312	M
RT = 3.061	Response = 189035988	M
RT = 3.252	Response = 79702937	M
RT = 3.949	Response = 86327602	M

Reviewer: patelji, 12-Mar-2014 13:55:20

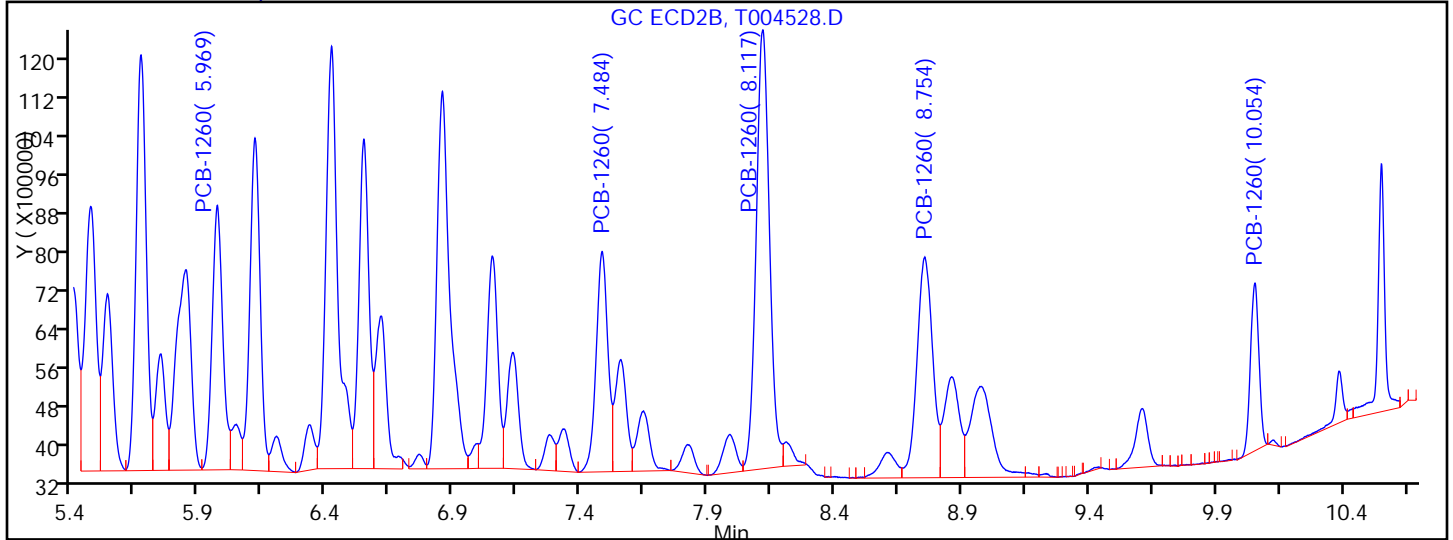
Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

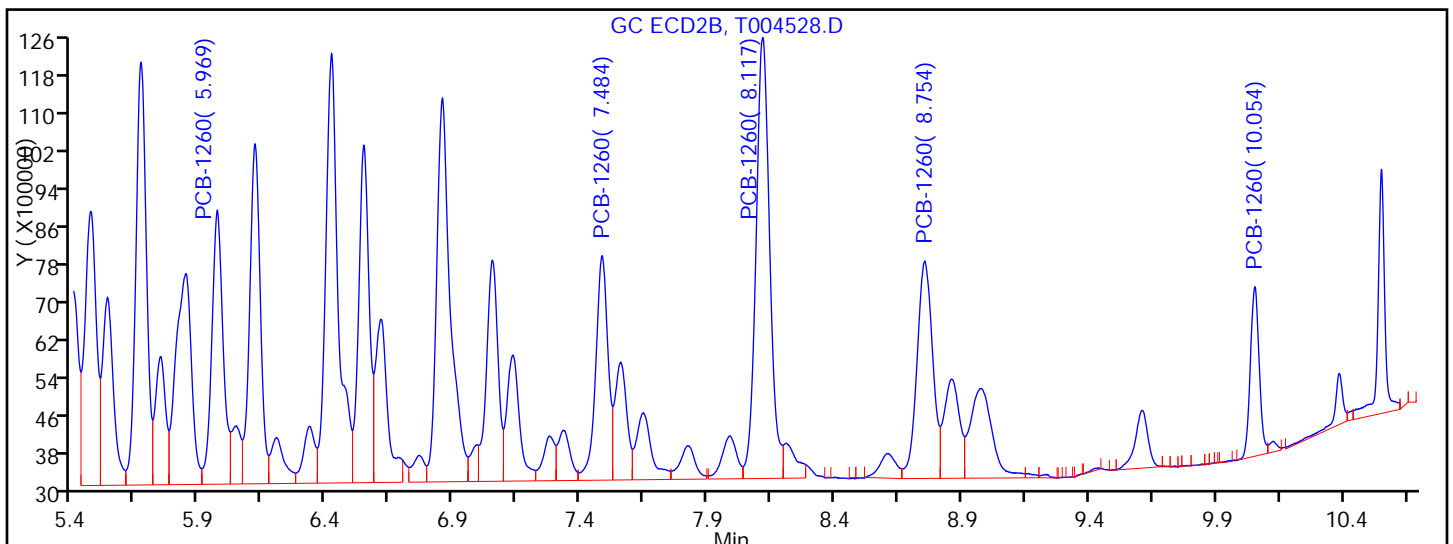
Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004528.D
 Injection Date: 12-Mar-2014 12:35:57 Instrument ID: CPESTGC11
 Lims ID: 460-72180-F-6-B Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Operator ID: ALS Bottle#: 14 Worklist Smp#: 72
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Method: 8082GC11 Limit Group: GC 8082 PCB
 Column: Detector GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.969	Response = 15941506	M
RT = 7.484	Response = 14694700	M
RT = 8.117	Response = 33344401	M
RT = 8.754	Response = 19757942	M
RT = 10.054	Response = 8144643	M



Manual Integration Results

RT = 5.969	Response = 17867426	M
RT = 7.484	Response = 15978513	M
RT = 8.117	Response = 35123181	M
RT = 8.754	Response = 19757942	M
RT = 10.054	Response = 8689427	M

Reviewer: patelji, 12-Mar-2014 13:55:20

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: T004529.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:25
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 12:54
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	9100		780	170
11096-82-5	Aroclor 1260	1100		780	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004529.D
 Lims ID: 460-72180-F-7-B Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:54:58 ALS Bottle#: 15 Worklist Smp#: 73
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-073
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 14:42:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.062	3.065	-0.003	6265578	930.6	
1	3.790	3.792	-0.002	14302014	1073.6	
1	4.627	4.627	0.0	34405761	1334.2	
1	4.875	4.876	-0.001	14127276	1361.2	
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1174.9	
2	2.032	2.035	-0.003	21592758	786.7	
2	2.468	2.472	-0.004	50398123	974.8	M
2	3.063	3.065	-0.002	114828606	1069.8	M
2	3.252	3.257	-0.005	49993298	1158.3	M
2	3.950	3.954	-0.004	48842380	1134.1	
Average of Peak Amounts =					1024.7	
					RPD = 13.65	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.427	8.423	0.004	3913540	154.8	
1	10.076	10.075	0.001	2515433	131.5	M
1	10.393	10.391	0.002	5473002	131.3	M
1	11.198	11.198	0.0	1423561	131.5	M
Average of Peak Amounts =					137.3	
2	5.969	5.972	-0.003	10232146	149.2	M
2	7.488	7.486	0.002	9346435	132.8	M
2	8.118	8.121	-0.003	19536561	128.4	M
2	8.758	8.760	-0.002	10816033	134.8	
2	10.056	10.058	-0.002	4788922	126.3	M
Average of Peak Amounts =					134.3	
					RPD = 2.18	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004529.D

Injection Date: 12-Mar-2014 12:54:58

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-7-B

Lab Sample ID: 460-72180-7

Worklist Smp#: 73

Client ID: PMP-16SW-SI

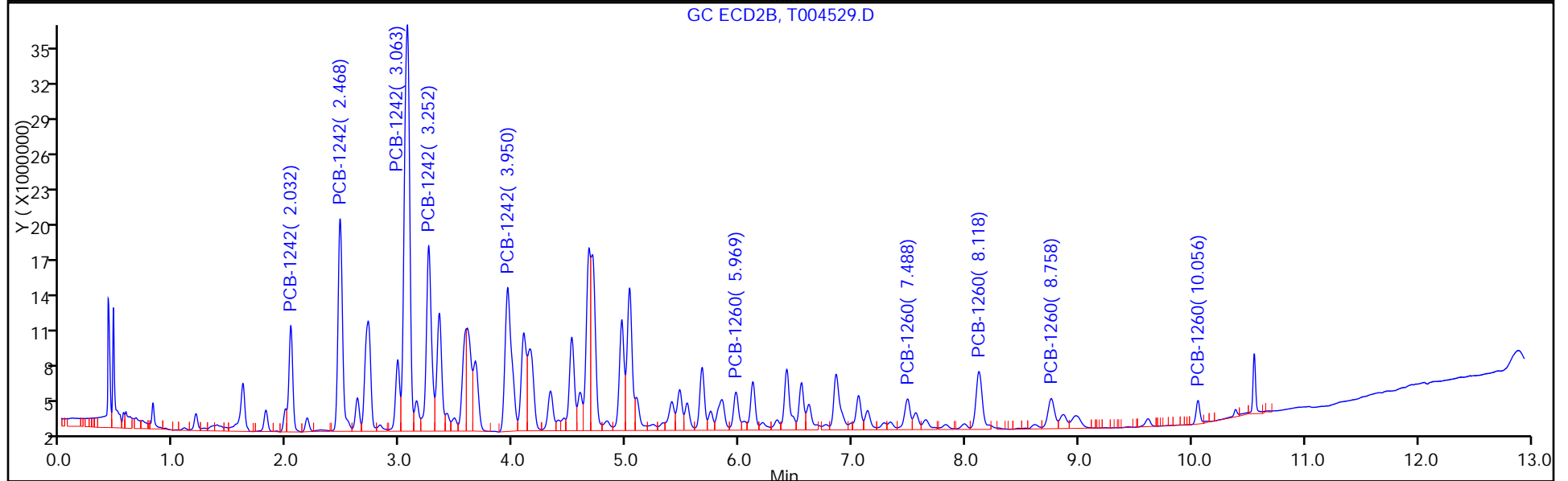
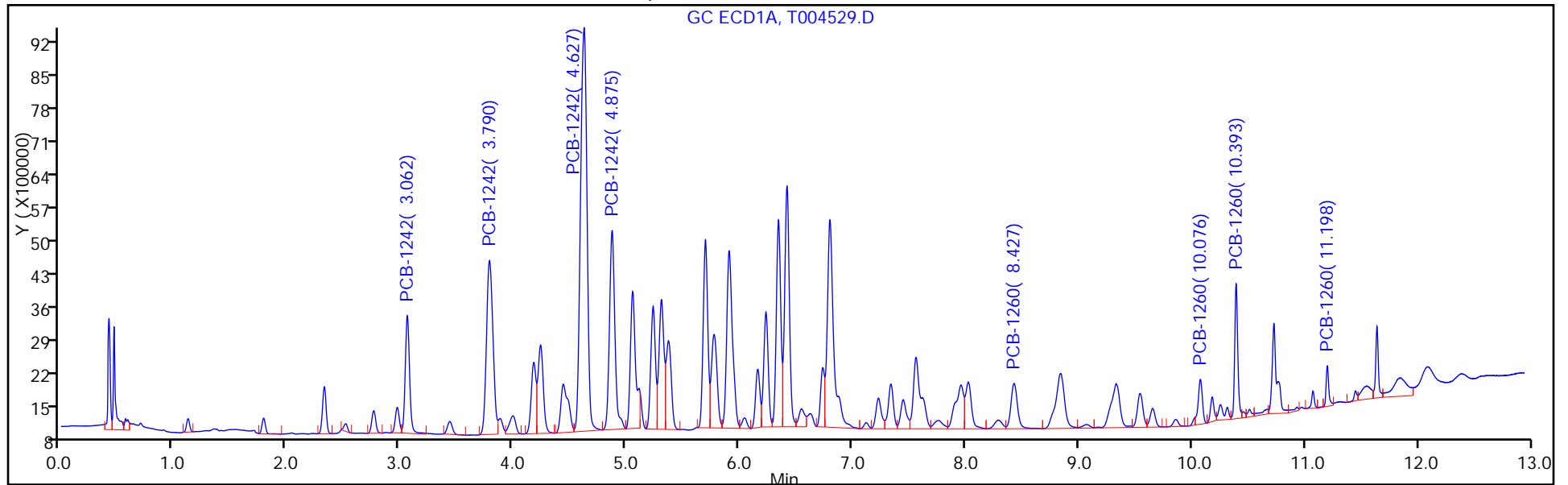
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 15

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004529.D

Injection Date: 12-Mar-2014 12:54:58

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-7-B

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID:

ALS Bottle#: 15

Worklist Smp#: 73

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

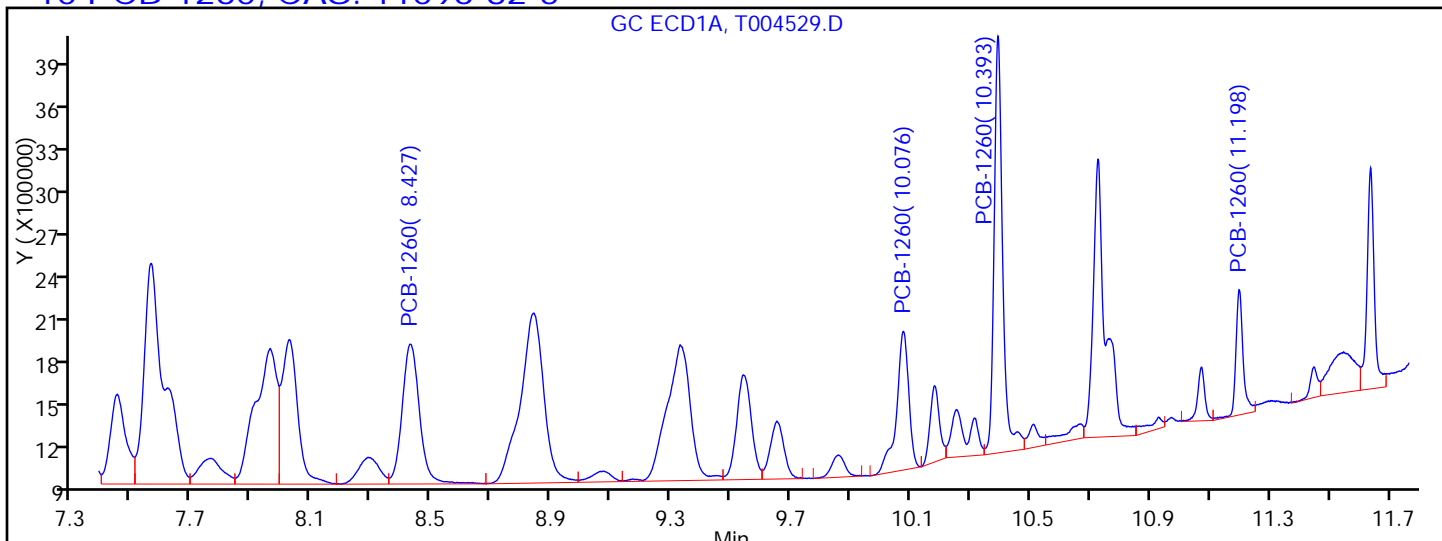
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

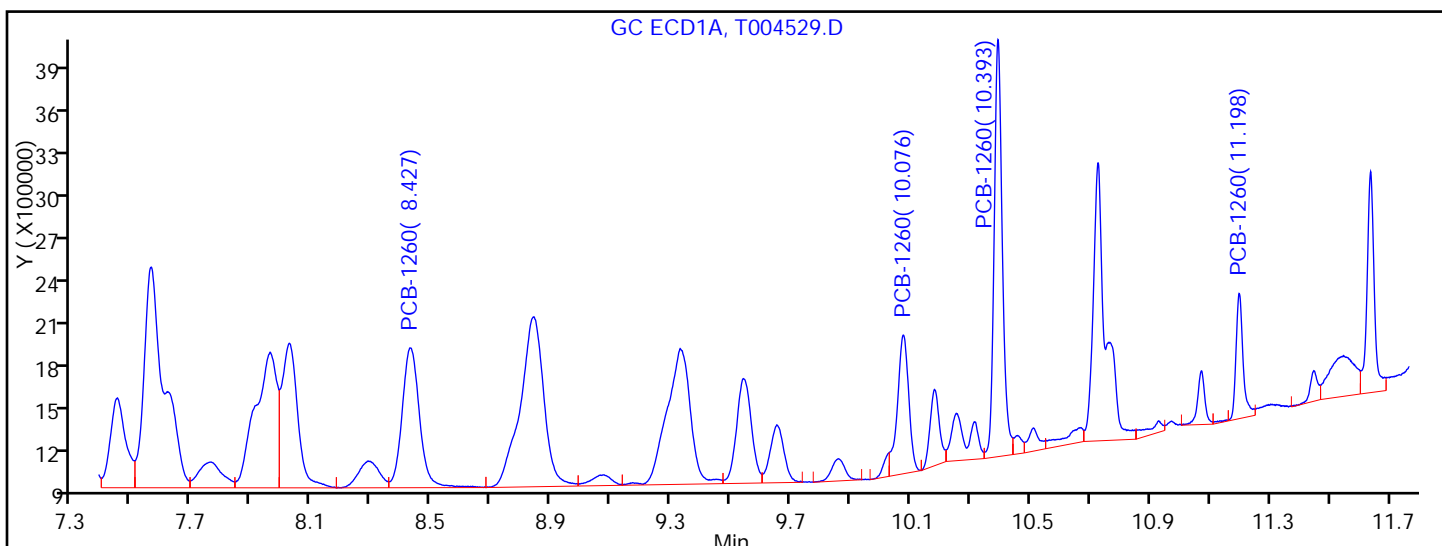
Detector: GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.959	Response = 4700297	
RT = 8.427	Response = 3913540	
RT = 10.076	Response = 2723447	M
RT = 10.393	Response = 5718815	M
RT = 11.198	Response = 1454276	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 8.427	Response = 3913540	
RT = 10.076	Response = 2515433	M
RT = 10.393	Response = 5473002	M
RT = 11.198	Response = 1423561	M

Reviewer: patelji, 12-Mar-2014 14:42:48

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: T004529.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:25
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 12:54
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	780	170
11104-28-2	Aroclor 1221	170	U	780	170
11141-16-5	Aroclor 1232	170	U	780	170
12672-29-6	Aroclor 1248	170	U	780	170
11097-69-1	Aroclor 1254	220	U	780	220
37324-23-5	Aroclor 1262	220	U	780	220
11100-14-4	Aroclor 1268	220	U	780	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004529.D
 Lims ID: 460-72180-F-7-B Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 12:54:58 ALS Bottle#: 15 Worklist Smp#: 73
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-073
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 14:42:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.062	3.065	-0.003	6265578	930.6	
1	3.790	3.792	-0.002	14302014	1073.6	
1	4.627	4.627	0.0	34405761	1334.2	
1	4.875	4.876	-0.001	14127276	1361.2	
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1174.9	
2	2.032	2.035	-0.003	21592758	786.7	
2	2.468	2.472	-0.004	50398123	974.8	M
2	3.063	3.065	-0.002	114828606	1069.8	M
2	3.252	3.257	-0.005	49993298	1158.3	M
2	3.950	3.954	-0.004	48842380	1134.1	
Average of Peak Amounts =					1024.7	
					RPD = 13.65	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.427	8.423	0.004	3913540	154.8	
1	10.076	10.075	0.001	2515433	131.5	M
1	10.393	10.391	0.002	5473002	131.3	M
1	11.198	11.198	0.0	1423561	131.5	M
Average of Peak Amounts =					137.3	
2	5.969	5.972	-0.003	10232146	149.2	M
2	7.488	7.486	0.002	9346435	132.8	M
2	8.118	8.121	-0.003	19536561	128.4	M
2	8.758	8.760	-0.002	10816033	134.8	
2	10.056	10.058	-0.002	4788922	126.3	M
Average of Peak Amounts =					134.3	
					RPD = 2.18	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004529.D

Injection Date: 12-Mar-2014 12:54:58

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-7-B

Lab Sample ID: 460-72180-7

Worklist Smp#: 73

Client ID: PMP-16SW-SI

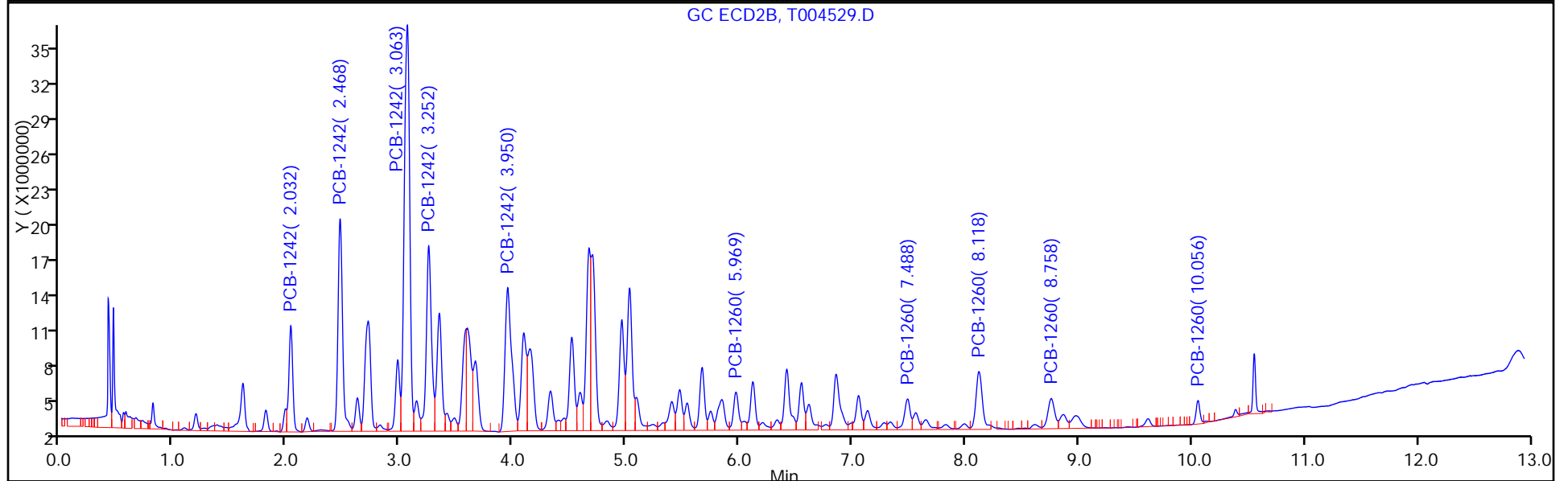
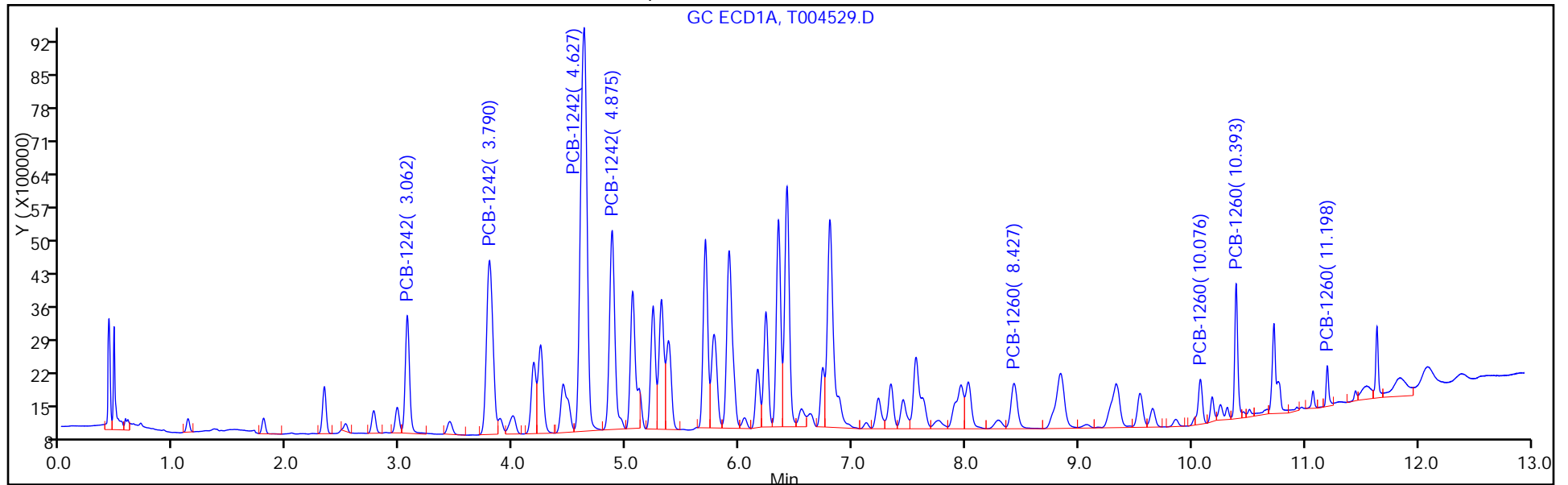
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 15

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004529.D

Injection Date: 12-Mar-2014 12:54:58

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-7-B

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID:

ALS Bottle#:

15

Worklist Smp#:

73

Injection Vol: 1.0 ul

Dil. Factor:

10.0000

Method: 8082GC11

Limit Group:

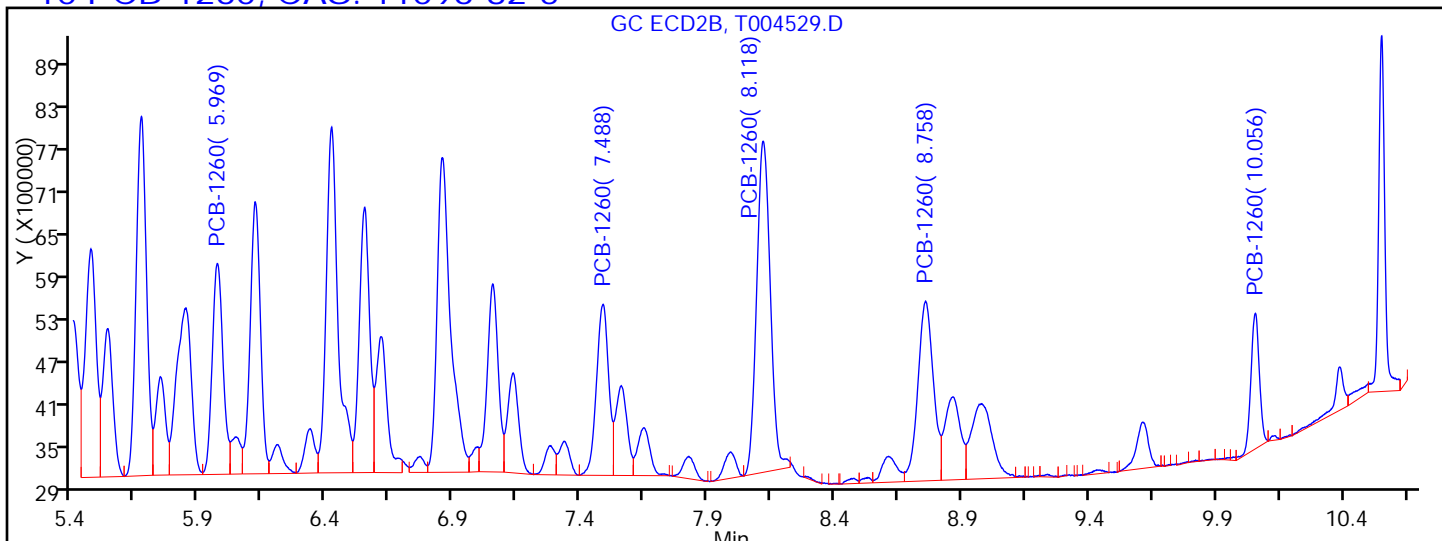
GC 8082 PCB

Column:

Detector

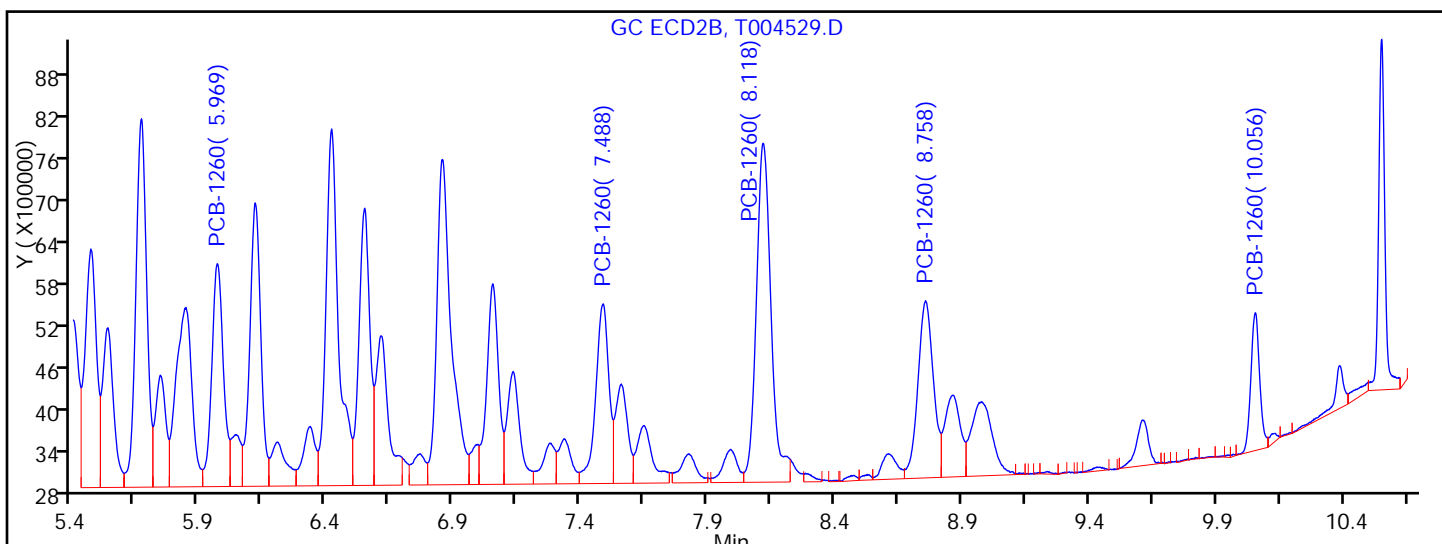
GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.969	Response = 8832416	M
RT = 7.488	Response = 8071218	M
RT = 8.118	Response = 17434114	M
RT = 8.758	Response = 10816033	M
RT = 10.056	Response = 4463883	M



Manual Integration Results

RT = 5.969	Response = 10232146	M
RT = 7.488	Response = 9346435	M
RT = 8.118	Response = 19536561	M
RT = 8.758	Response = 10816033	M
RT = 10.056	Response = 4788922	M

Reviewer: patelji, 12-Mar-2014 14:42:48

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: T004530.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 13:13
 Con. Extract Vol.: 10(mL) Dilution Factor: 50
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	72000		3900	870

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D
 Lims ID: 460-72180-F-8-B Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:13:55 ALS Bottle#: 16 Worklist Smp#: 74
 Injection Vol: 1.0 ul Dil. Factor: 50.0000
 Sample Info: 460-0010737-074
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 14:41:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						
1	3.062	3.065	-0.003	8593250	1276.3	M
1	3.789	3.792	-0.003	22132644	1661.4	
1	4.624	4.627	-0.003	53516068	2075.2	
1	4.871	4.876	-0.005	21181137	2040.8	
1	6.420	6.424	-0.004	22081091	2336.9	
Average of Peak Amounts =					1878.1	
2	2.033	2.035	-0.002	36869564	1343.4	M
2	2.469	2.472	-0.003	77457244	1498.1	M
2	3.061	3.065	-0.004	183986963	1714.1	M
2	3.251	3.257	-0.006	77802975	1802.6	M
2	3.950	3.954	-0.004	76646518	1779.7	
Average of Peak Amounts =					1627.6	
					RPD = 14.30	

10 PCB-1260						
1	0.0	7.957	-7.957	0	0	M
1	8.425	8.423	0.002	3411887	135.0	a
1	10.074	10.075	-0.001	2103525	110.0	M
1	10.391	10.391	0.0	4274215	102.5	M
1	11.198	11.198	0.0	1158022	106.9	
Average of Peak Amounts =					113.6	
2	5.969	5.972	-0.003	10056424	146.7	M
2	7.480	7.486	-0.006	7883052	112.0	M
2	8.116	8.121	-0.005	16691111	109.7	M
2	8.755	8.760	-0.005	8714141	108.6	
2	10.054	10.058	-0.004	3855499	101.7	
Average of Peak Amounts =					115.7	
					RPD = 1.86	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D

Injection Date: 12-Mar-2014 13:13:55

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-8-B

Lab Sample ID: 460-72180-8

Worklist Smp#: 74

Client ID: PMP-17SW-WT

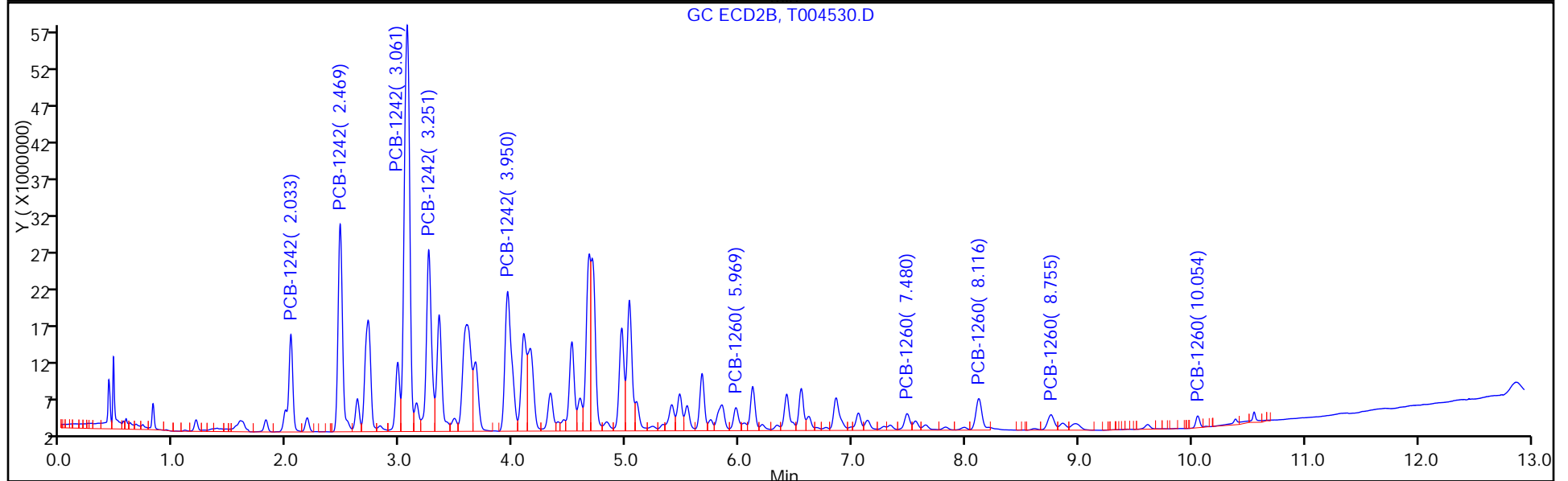
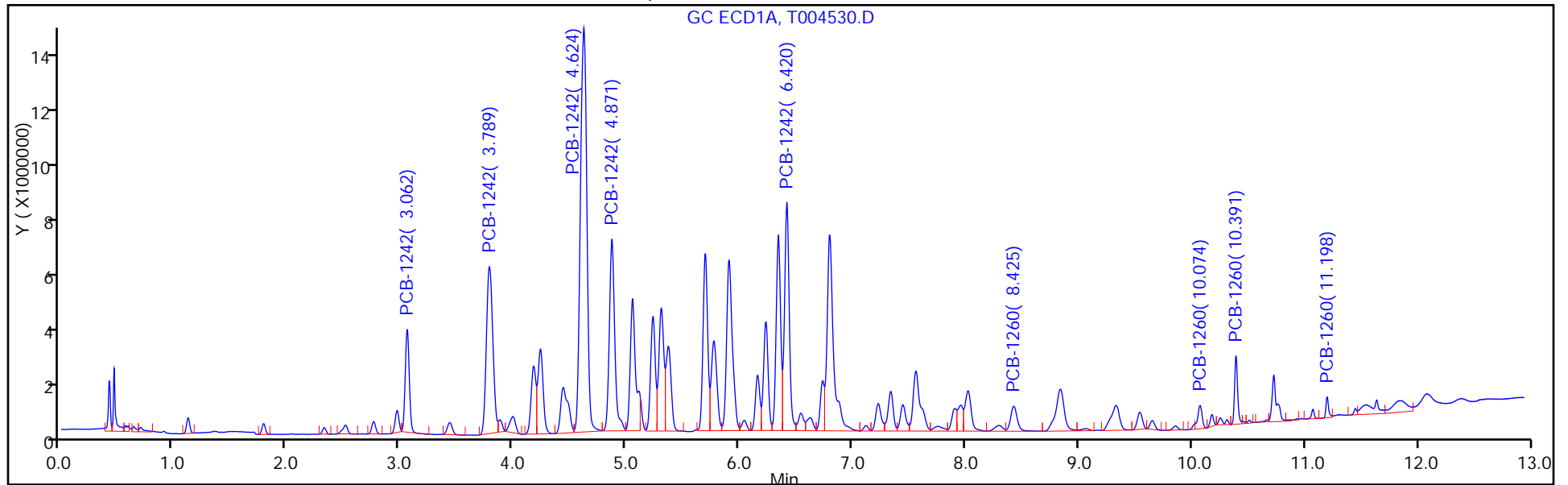
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 16

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D

Injection Date: 12-Mar-2014 13:13:55

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-8-B

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 74

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

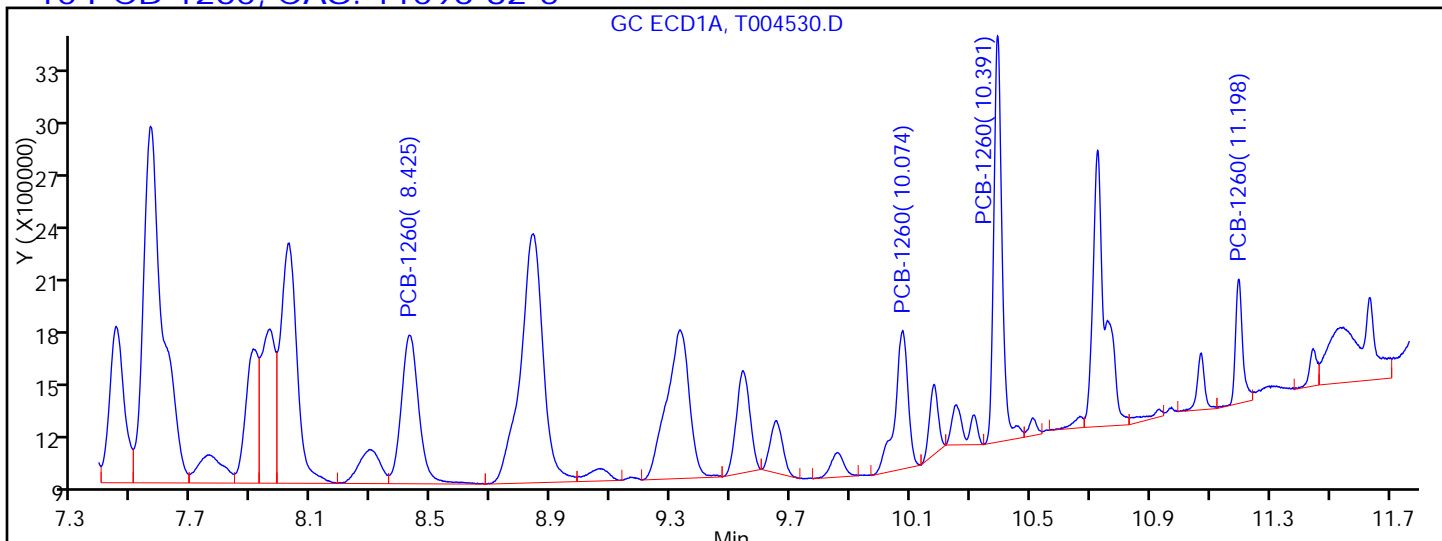
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

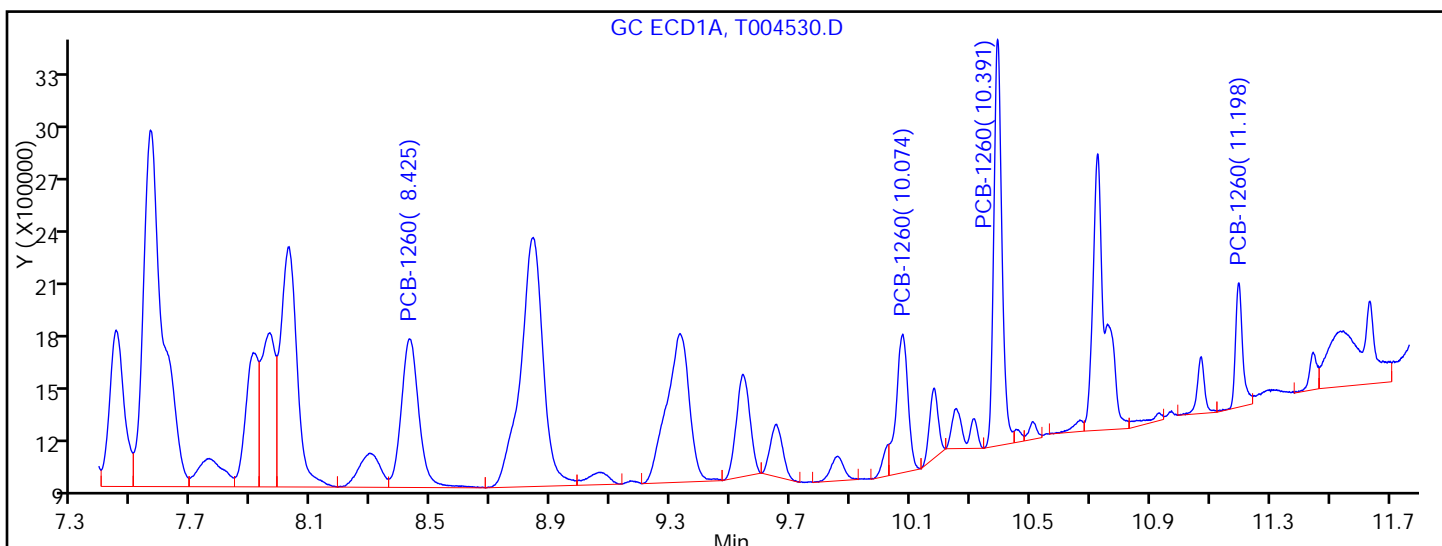
Detector: GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.959	Response = 2776964	
RT = 8.425	Response = 3411887	M
RT = 10.074	Response = 2347436	M
RT = 10.391	Response = 4383161	M
RT = 11.198	Response = 1158022	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 8.425	Response = 3411887	M
RT = 10.074	Response = 2103525	M
RT = 10.391	Response = 4274215	M
RT = 11.198	Response = 1158022	

Reviewer: patelji, 12-Mar-2014 14:41:13

Audit Action: Assigned Compound ID

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: T004530.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 13:13
 Con. Extract Vol.: 10(mL) Dilution Factor: 50
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 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	4500		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 D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D
 Lims ID: 460-72180-F-8-B Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:13:55 ALS Bottle#: 16 Worklist Smp#: 74
 Injection Vol: 1.0 ul Dil. Factor: 50.0000
 Sample Info: 460-0010737-074
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 14:41:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						M
1	3.062	3.065	-0.003	8593250	1276.3	
1	3.789	3.792	-0.003	22132644	1661.4	
1	4.624	4.627	-0.003	53516068	2075.2	
1	4.871	4.876	-0.005	21181137	2040.8	
1	6.420	6.424	-0.004	22081091	2336.9	
Average of Peak Amounts =					1878.1	
2	2.033	2.035	-0.002	36869564	1343.4	M
2	2.469	2.472	-0.003	77457244	1498.1	M
2	3.061	3.065	-0.004	183986963	1714.1	M
2	3.251	3.257	-0.006	77802975	1802.6	M
2	3.950	3.954	-0.004	76646518	1779.7	
Average of Peak Amounts =					1627.6	
RPD = 14.30						

10 PCB-1260						M
1	0.0	7.957	-7.957	0	0	
1	8.425	8.423	0.002	3411887	135.0	a
1	10.074	10.075	-0.001	2103525	110.0	M
1	10.391	10.391	0.0	4274215	102.5	M
1	11.198	11.198	0.0	1158022	106.9	
Average of Peak Amounts =					113.6	
2	5.969	5.972	-0.003	10056424	146.7	M
2	7.480	7.486	-0.006	7883052	112.0	M
2	8.116	8.121	-0.005	16691111	109.7	M
2	8.755	8.760	-0.005	8714141	108.6	
2	10.054	10.058	-0.004	3855499	101.7	
Average of Peak Amounts =					115.7	
RPD = 1.86						

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	--------------	------------------	------------------	----------	--------------------	-------

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D

Injection Date: 12-Mar-2014 13:13:55

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-8-B

Lab Sample ID: 460-72180-8

Worklist Smp#: 74

Client ID: PMP-17SW-WT

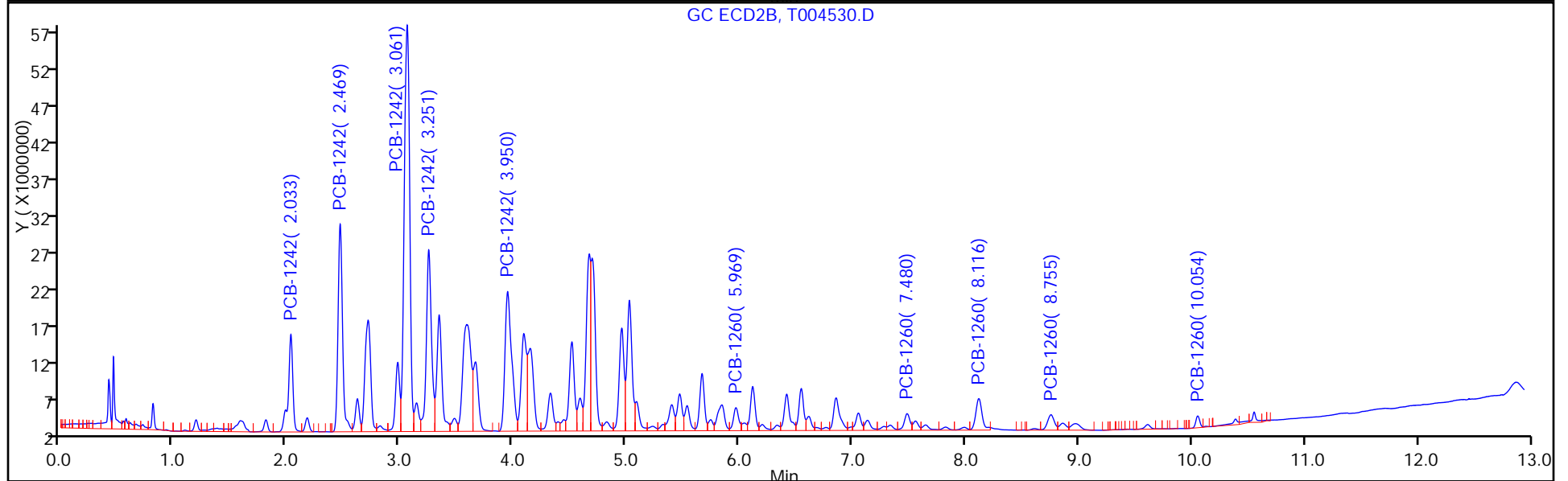
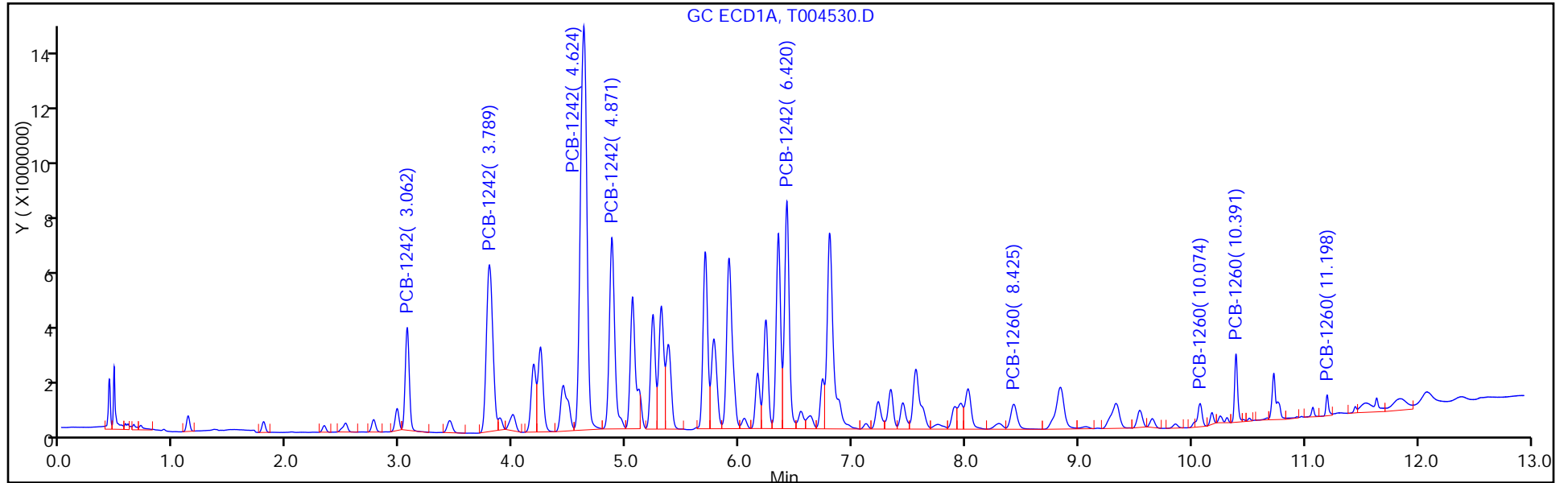
Injection Vol: 1.0 ul

Dil. Factor: 50.0000

ALS Bottle#: 16

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D

Injection Date: 12-Mar-2014 13:13:55

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-8-B

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 74

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

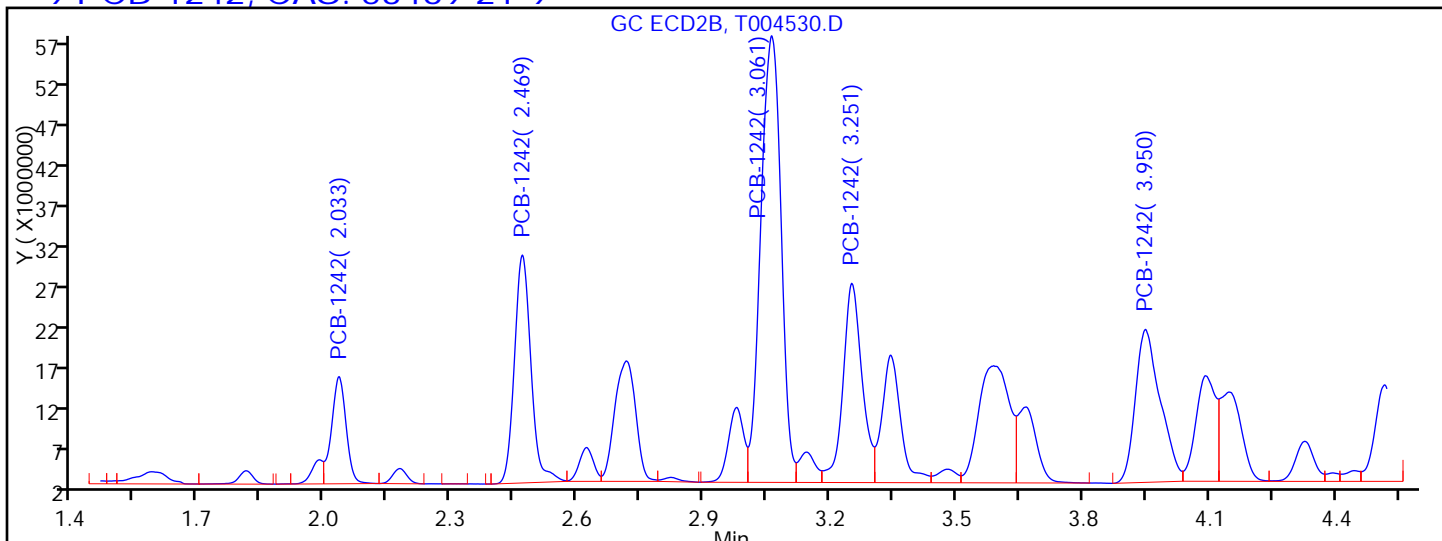
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

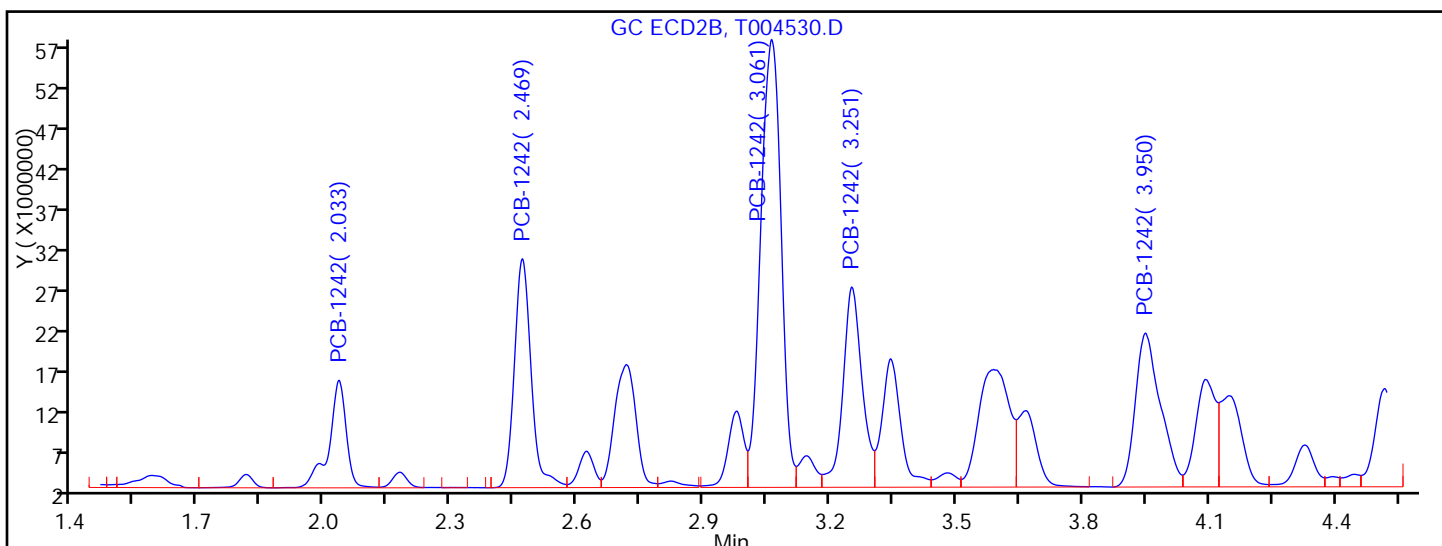
Detector: GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.033	Response = 31338246	M
RT = 2.469	Response = 75836542	M
RT = 3.061	Response = 182910601	M
RT = 3.251	Response = 76851369	M
RT = 3.950	Response = 76646518	M



Manual Integration Results

RT = 2.033	Response = 36869564	M
RT = 2.469	Response = 77457244	M
RT = 3.061	Response = 183986963	M
RT = 3.251	Response = 77802975	M
RT = 3.950	Response = 76646518	M

Reviewer: patelji, 12-Mar-2014 14:41:13

Audit Action: Manually Integrated

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004530.D

Injection Date: 12-Mar-2014 13:13:55

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-8-B

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID:

ALS Bottle#: 16

Worklist Smp#: 74

Injection Vol: 1.0 ul

Dil. Factor: 50.0000

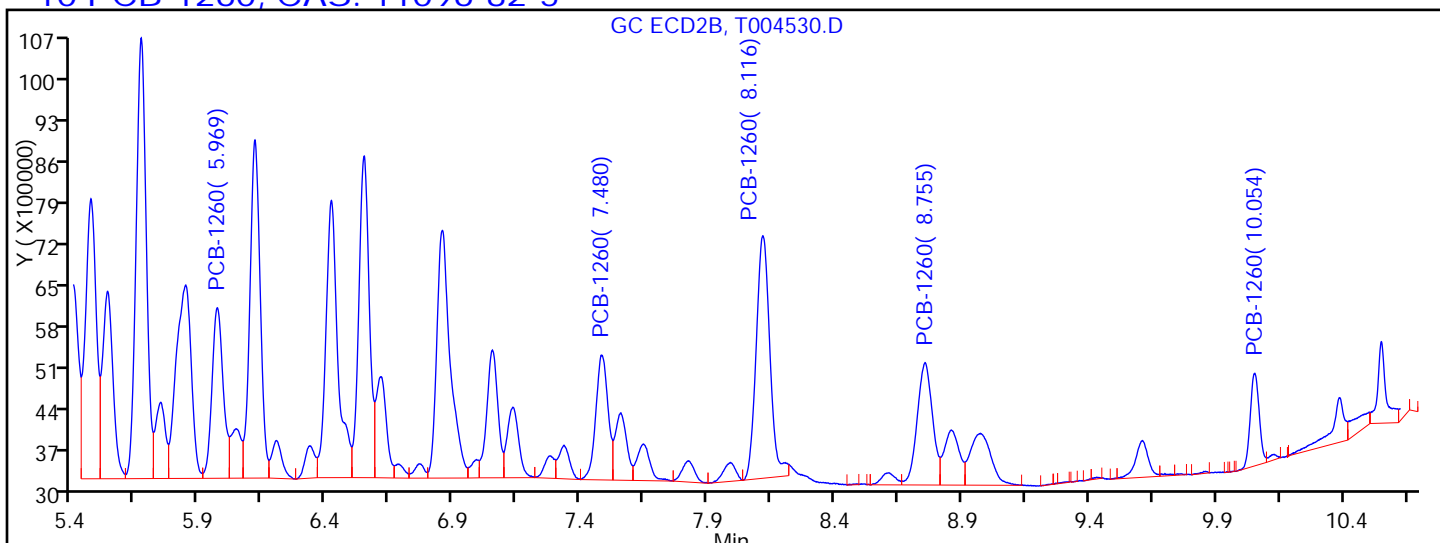
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

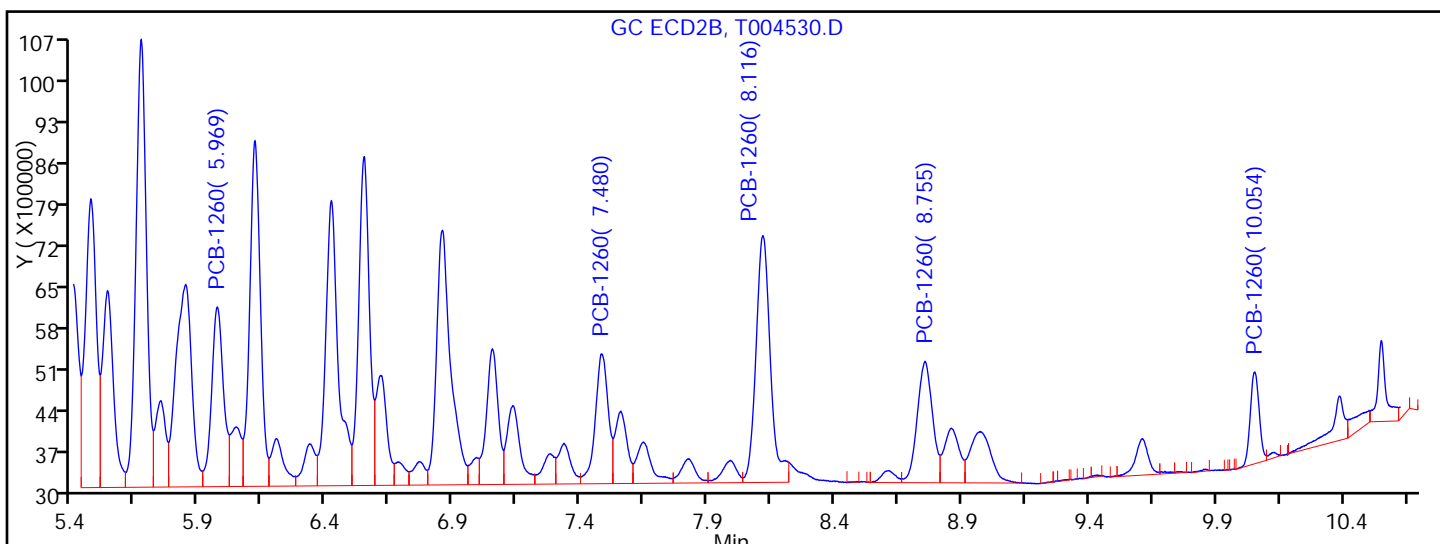
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.969	Response = 8916395	M
RT = 7.480	Response = 7082147	M
RT = 8.116	Response = 15450250	M
RT = 8.755	Response = 8714141	
RT = 10.054	Response = 3855499	



Manual Integration Results

RT = 5.969	Response = 10056424	M
RT = 7.480	Response = 7883052	M
RT = 8.116	Response = 16691111	M
RT = 8.755	Response = 8714141	
RT = 10.054	Response = 3855499	

Reviewer: patelji, 12-Mar-2014 14:41:13

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: OR214396.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 03:15
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1800		78	18
11096-82-5	Aroclor 1260	150		78	22

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\20140312-10736.b\OR214396.D
 Lims ID: 460-72180-F-9-D Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 03:15:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-015
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:20:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.035	3.042	-0.007	284476	1992.3	M
1	3.503	3.513	-0.010	628798	2395.5	M
1	0.0	4.055	-4.055	0	0	
1	4.215	4.225	-0.010	542214	2463.8	M
1	0.0	5.355	-5.355	0	0	
Average of Peak Amounts =					2283.8	
2	2.342	2.345	-0.003	320999	1591.2	
2	2.665	2.672	-0.007	611472	1935.6	
2	3.117	3.127	-0.010	1557060	2363.6	
2	3.262	3.272	-0.010	552056	2396.4	M
2	3.702	3.712	-0.010	601356	2267.5	
Average of Peak Amounts =					2110.9	
					RPD = 7.87	

10 PCB-1260

1	0.0	6.505	-6.505	0	0	
1	6.828	6.845	-0.017	101610	222.0	
1	8.373	8.400	-0.027	65042	180.7	
1	8.927	8.942	-0.015	142896	189.9	
1	10.138	10.143	-0.005	34065	172.9	
Average of Peak Amounts =					191.3	
2	0.0	5.130	-5.130	0	0	
2	6.273	6.290	-0.017	75628	193.4	M
2	6.752	6.768	-0.016	192328	178.6	
2	7.238	7.258	-0.020	69767	167.4	
2	8.613	8.633	-0.020	58707	171.6	
Average of Peak Amounts =					177.7	
					RPD = 7.38	

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214396.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	10.655	10.655	0.0	330823	61.8	
2	9.370	9.387	-0.017	530937	63.7	

RPD = 2.94

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214396.D

Injection Date: 12-Mar-2014 03:15:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-9-D

Lab Sample ID: 460-72180-9

Worklist Smp#: 15

Client ID: PMP-17SW-SI

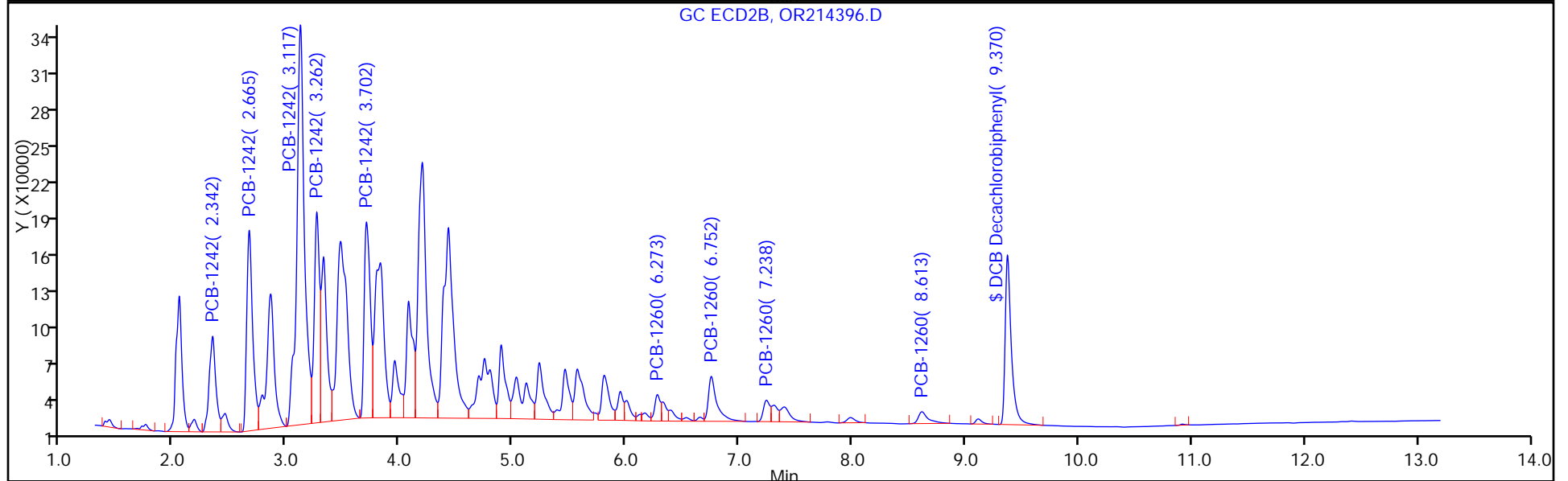
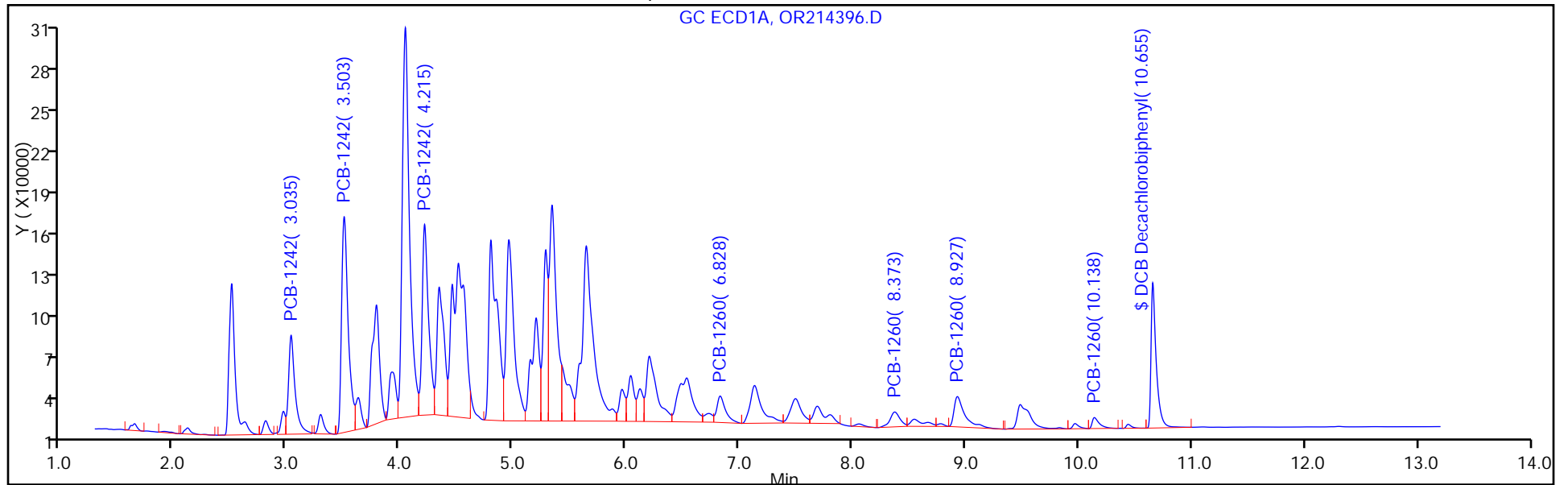
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: OR214396.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 03:15
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	78	18
11104-28-2	Aroclor 1221	18	U	78	18
11141-16-5	Aroclor 1232	18	U	78	18
12672-29-6	Aroclor 1248	18	U	78	18
11097-69-1	Aroclor 1254	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	127		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214396.D
 Lims ID: 460-72180-F-9-D Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 03:15:30 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-015
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:20:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.035	3.042	-0.007	284476	1992.3	M
1	3.503	3.513	-0.010	628798	2395.5	M
1	0.0	4.055	-4.055	0	0	
1	4.215	4.225	-0.010	542214	2463.8	M
1	0.0	5.355	-5.355	0	0	
Average of Peak Amounts =					2283.8	
2	2.342	2.345	-0.003	320999	1591.2	
2	2.665	2.672	-0.007	611472	1935.6	
2	3.117	3.127	-0.010	1557060	2363.6	
2	3.262	3.272	-0.010	552056	2396.4	M
2	3.702	3.712	-0.010	601356	2267.5	
Average of Peak Amounts =					2110.9	
					RPD = 7.87	

10 PCB-1260

1	0.0	6.505	-6.505	0	0	
1	6.828	6.845	-0.017	101610	222.0	
1	8.373	8.400	-0.027	65042	180.7	
1	8.927	8.942	-0.015	142896	189.9	
1	10.138	10.143	-0.005	34065	172.9	
Average of Peak Amounts =					191.3	
2	0.0	5.130	-5.130	0	0	
2	6.273	6.290	-0.017	75628	193.4	M
2	6.752	6.768	-0.016	192328	178.6	
2	7.238	7.258	-0.020	69767	167.4	
2	8.613	8.633	-0.020	58707	171.6	
Average of Peak Amounts =					177.7	
					RPD = 7.38	

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214396.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1 10.655 10.655 0.0 330823 61.8

2 9.370 9.387 -0.017 530937 63.7

RPD = 2.94

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214396.D

Injection Date: 12-Mar-2014 03:15:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-9-D

Lab Sample ID: 460-72180-9

Worklist Smp#: 15

Client ID: PMP-17SW-SI

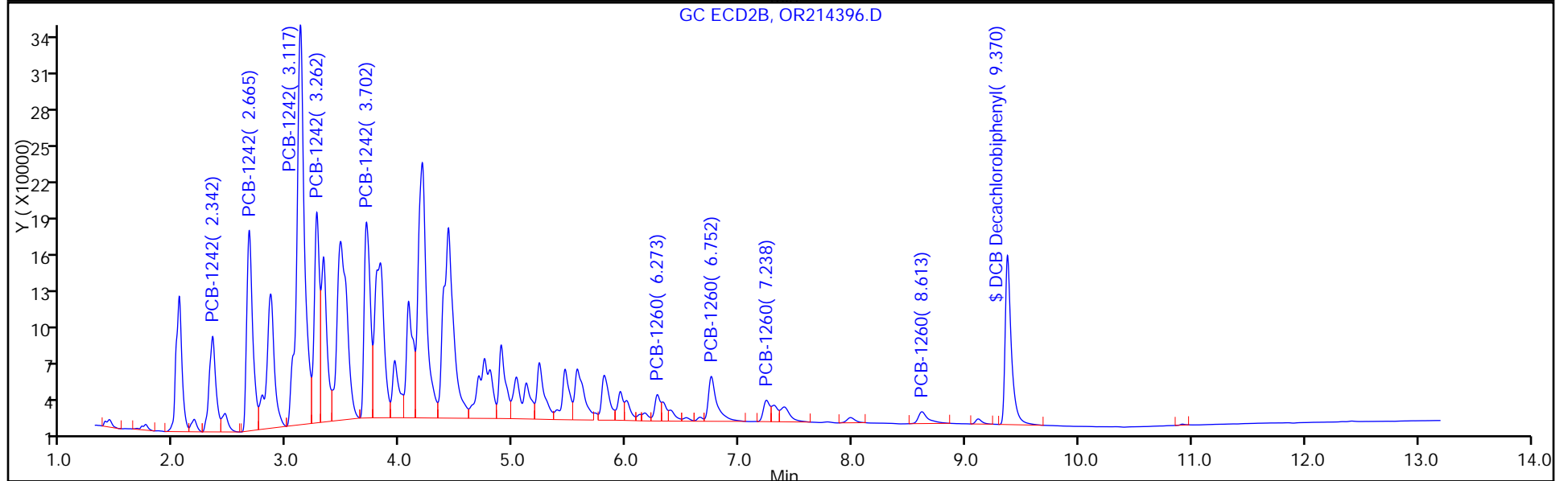
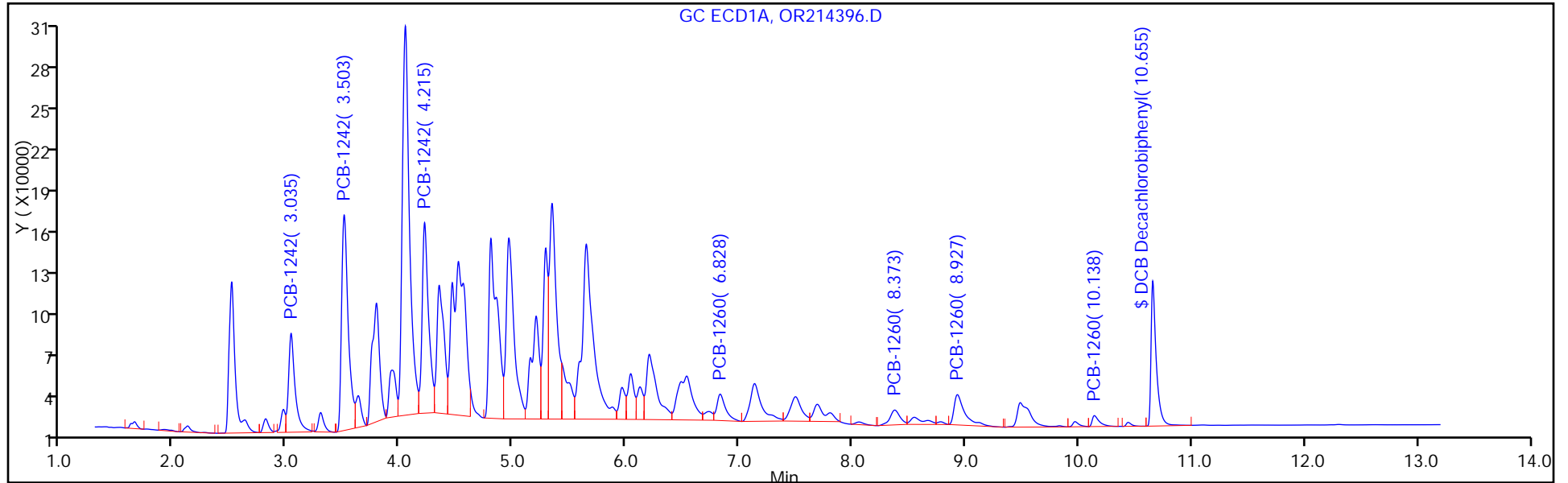
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: T004531.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 13:32
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 6.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	1700		710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D
 Lims ID: 460-72180-F-10-B Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:32:56 ALS Bottle#: 17 Worklist Smp#: 75
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-075
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:51:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248						
1	0.0	3.789	-3.789	0	0	M
1	4.622	4.624	-0.002	22464941	1340.0	M
1	5.234	5.239	-0.005	9557137	932.5	M
1	6.346	6.347	-0.001	13393818	970.0	M
1	6.421	6.423	-0.002	17331205	1091.3	M
Average of Peak Amounts =					1083.5	
2	2.466	2.470	-0.004	64435491	2446.8	
2	3.060	3.061	-0.001	72758223	1030.5	M
2	3.946	3.954	-0.008	63240949	945.9	M
2	4.701	4.675	0.026	92362055	819.0	M
2	5.026	5.034	-0.008	41991411	839.4	M
Average of Peak Amounts =					1216.3	
					RPD = 11.55	

10 PCB-1260						
1	0.0	7.957	-7.957	0	0	M
1	8.428	8.423	0.005	6538966	258.7	
1	10.075	10.075	0.0	4693389	245.4	
1	10.393	10.391	0.002	9199510	220.6	M
1	11.201	11.198	0.003	2388045	220.5	
Average of Peak Amounts =					236.3	
2	5.969	5.972	-0.003	17703777	258.2	M
2	7.484	7.486	-0.002	15523609	220.6	M
2	8.118	8.121	-0.003	32297551	212.3	M
2	8.756	8.760	-0.004	18030257	224.7	M
2	10.056	10.058	-0.002	8122345	214.2	
Average of Peak Amounts =					226.0	
					RPD = 4.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D

Injection Date: 12-Mar-2014 13:32:56

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-10-B

Lab Sample ID: 460-72180-10

Worklist Smp#: 75

Client ID: PMP-18SW-VD

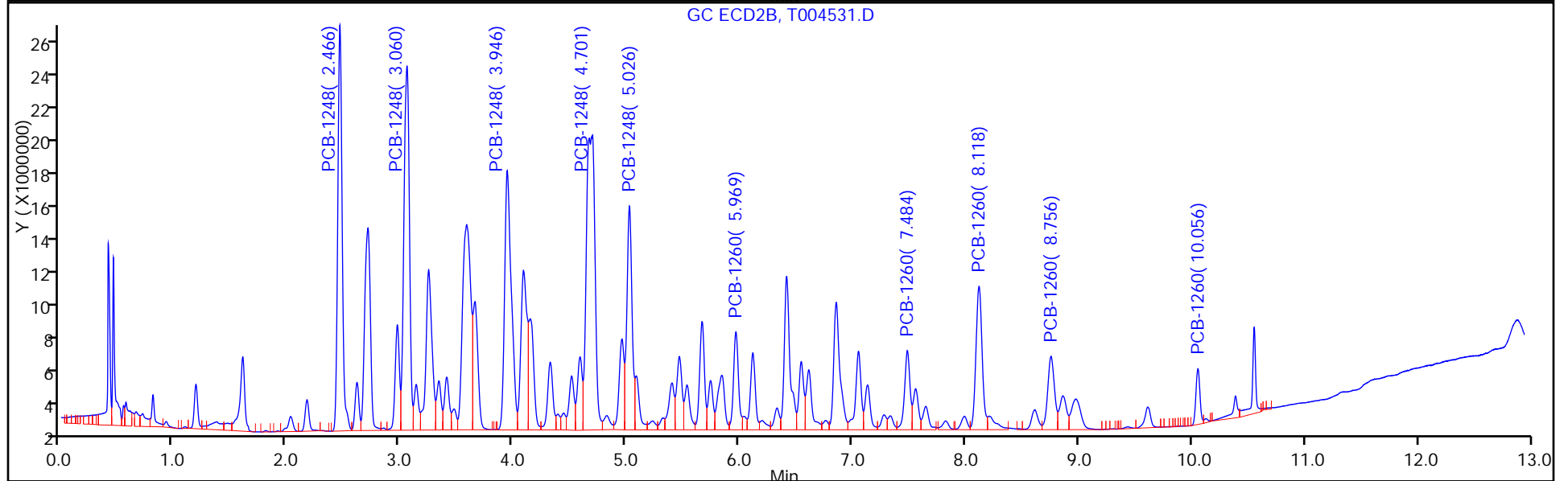
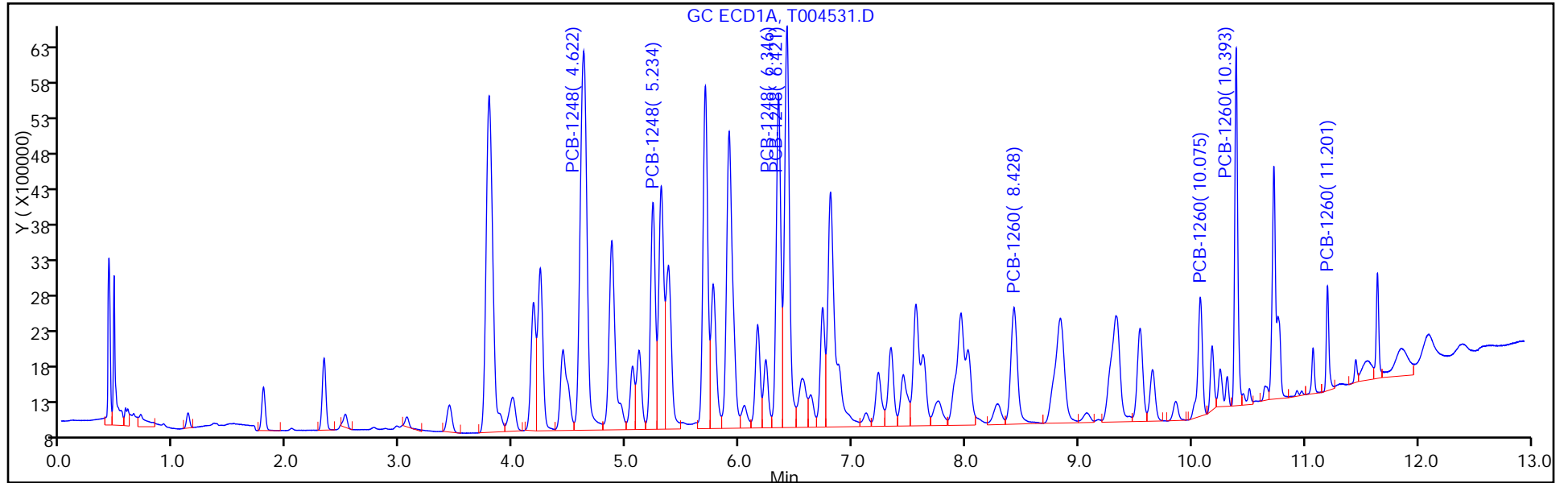
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 17

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D

Injection Date: 12-Mar-2014 13:32:56

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-10-B

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 75

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

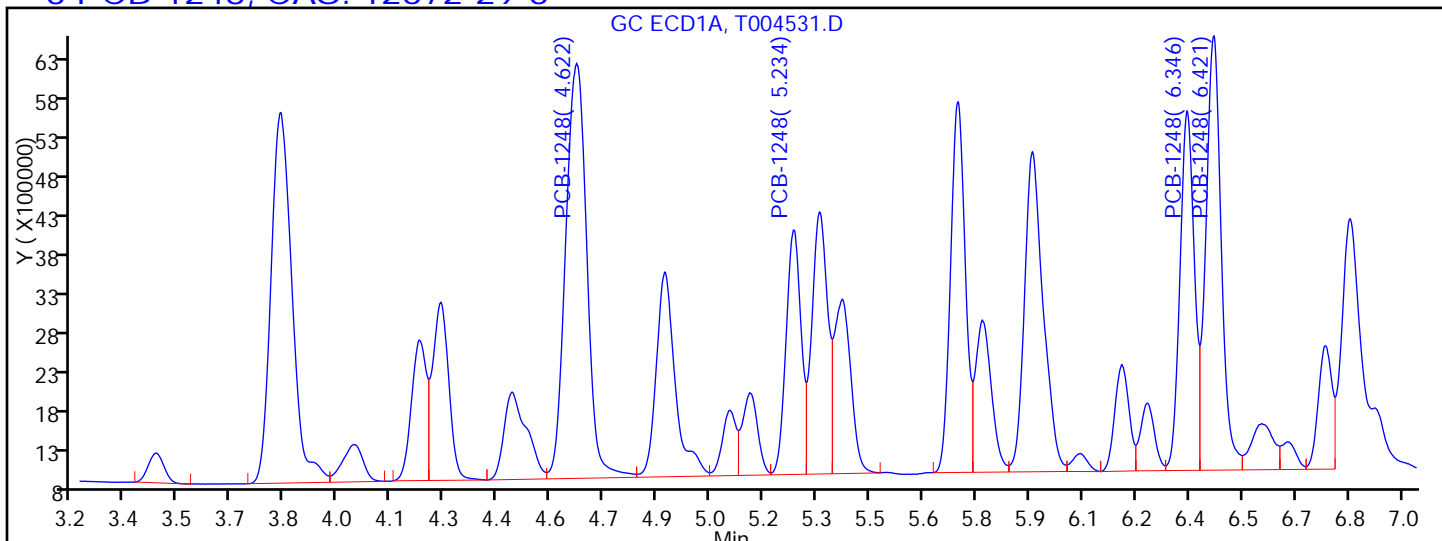
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

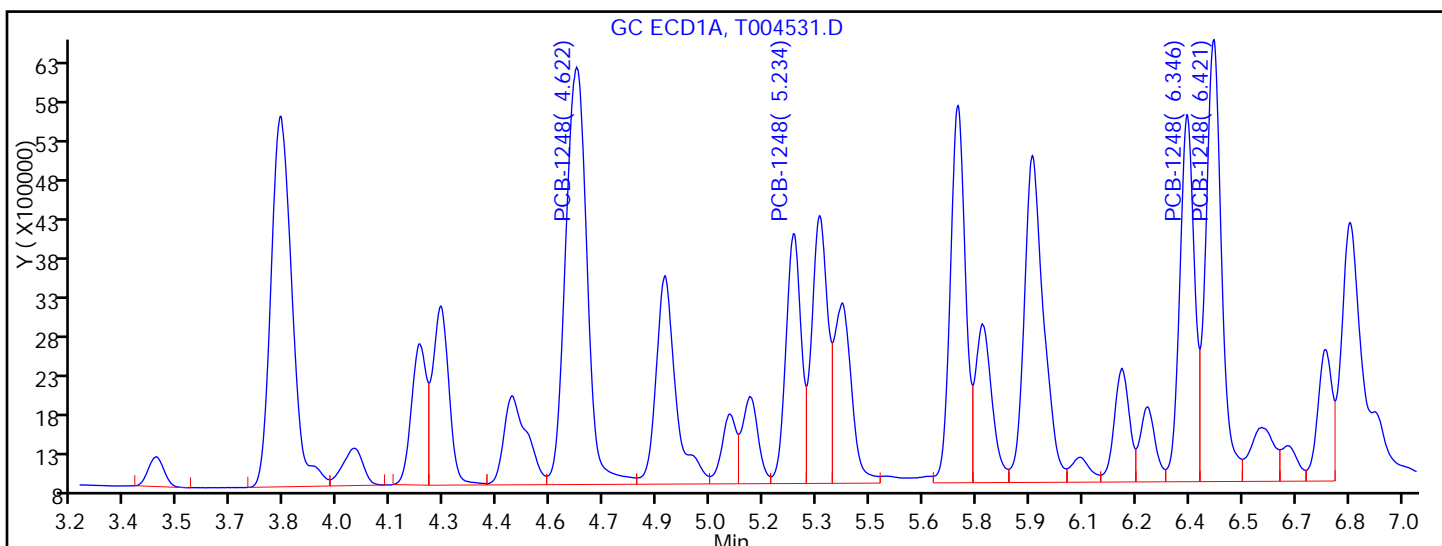
Detector GC ECD1A

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.786	Response = 19400515	
RT = 4.622	Response = 21953220	M
RT = 5.234	Response = 9152579	M
RT = 6.346	Response = 12838300	M
RT = 6.421	Response = 16626652	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 4.622	Response = 22464941	M
RT = 5.234	Response = 9557137	M
RT = 6.346	Response = 13393818	M
RT = 6.421	Response = 17331205	M

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D

Injection Date: 12-Mar-2014 13:32:56

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-10-B

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 75

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

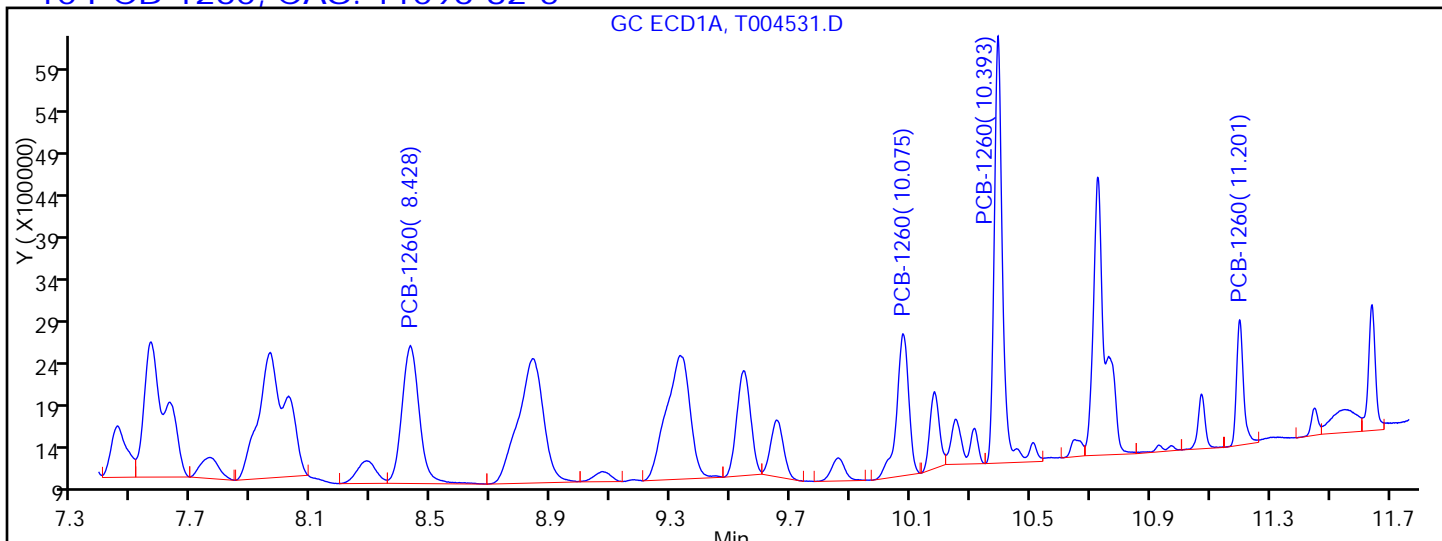
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

Detector: GC ECD1A

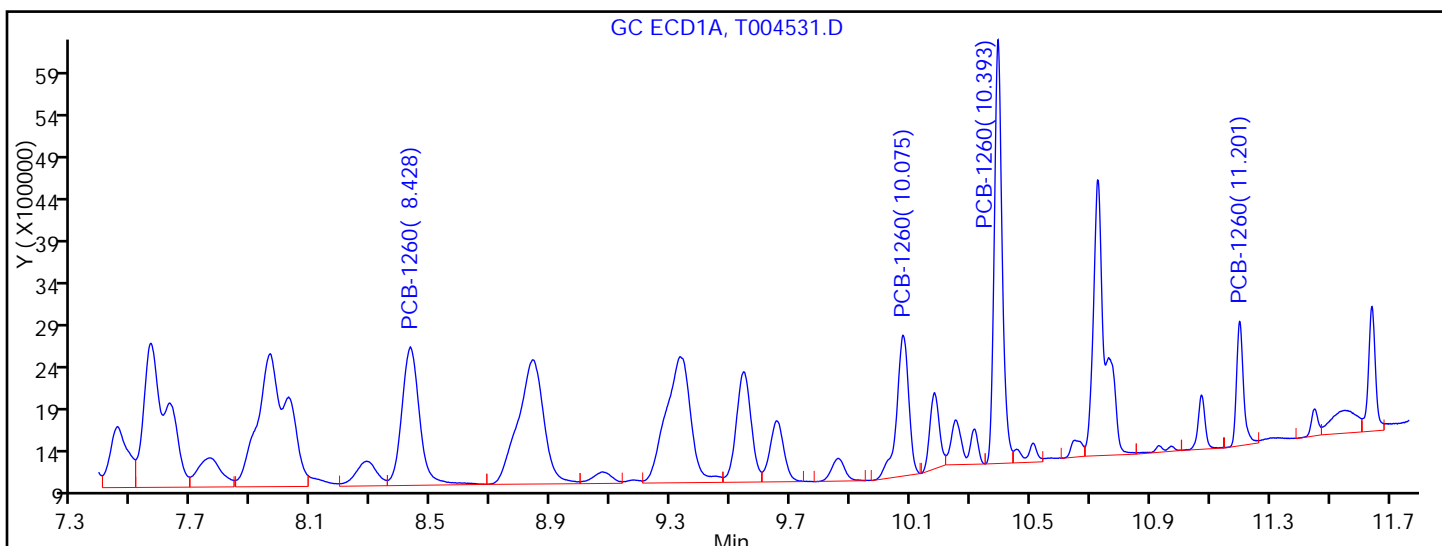
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.960	Response = 9508789
RT = 8.428	Response = 6538966
RT = 10.075	Response = 4693389
RT = 10.393	Response = 9895398
RT = 11.201	Response = 2388045

M



Manual Integration Results

RT = 0.000	Response = 0
RT = 8.428	Response = 6538966
RT = 10.075	Response = 4693389
RT = 10.393	Response = 9199510
RT = 11.201	Response = 2388045

M

Reviewer: patelji, 12-Mar-2014 15:51:44

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: T004531.D
 Analysis Method: 8082 Date Collected: 03/07/2014 10:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 13:32
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 6.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
12672-29-6	Aroclor 1248	8600		710	160
11097-69-1	Aroclor 1254	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D
 Lims ID: 460-72180-F-10-B Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:32:56 ALS Bottle#: 17 Worklist Smp#: 75
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-075
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:51:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248						
1	0.0	3.789	-3.789	0	0	M
1	4.622	4.624	-0.002	22464941	1340.0	M
1	5.234	5.239	-0.005	9557137	932.5	M
1	6.346	6.347	-0.001	13393818	970.0	M
1	6.421	6.423	-0.002	17331205	1091.3	M
Average of Peak Amounts =					1083.5	
2	2.466	2.470	-0.004	64435491	2446.8	
2	3.060	3.061	-0.001	72758223	1030.5	M
2	3.946	3.954	-0.008	63240949	945.9	M
2	4.701	4.675	0.026	92362055	819.0	M
2	5.026	5.034	-0.008	41991411	839.4	M
Average of Peak Amounts =					1216.3	
					RPD = 11.55	

10 PCB-1260						
1	0.0	7.957	-7.957	0	0	M
1	8.428	8.423	0.005	6538966	258.7	
1	10.075	10.075	0.0	4693389	245.4	
1	10.393	10.391	0.002	9199510	220.6	M
1	11.201	11.198	0.003	2388045	220.5	
Average of Peak Amounts =					236.3	
2	5.969	5.972	-0.003	17703777	258.2	M
2	7.484	7.486	-0.002	15523609	220.6	M
2	8.118	8.121	-0.003	32297551	212.3	M
2	8.756	8.760	-0.004	18030257	224.7	M
2	10.056	10.058	-0.002	8122345	214.2	
Average of Peak Amounts =					226.0	
					RPD = 4.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D

Injection Date: 12-Mar-2014 13:32:56

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-10-B

Lab Sample ID: 460-72180-10

Worklist Smp#: 75

Client ID: PMP-18SW-VD

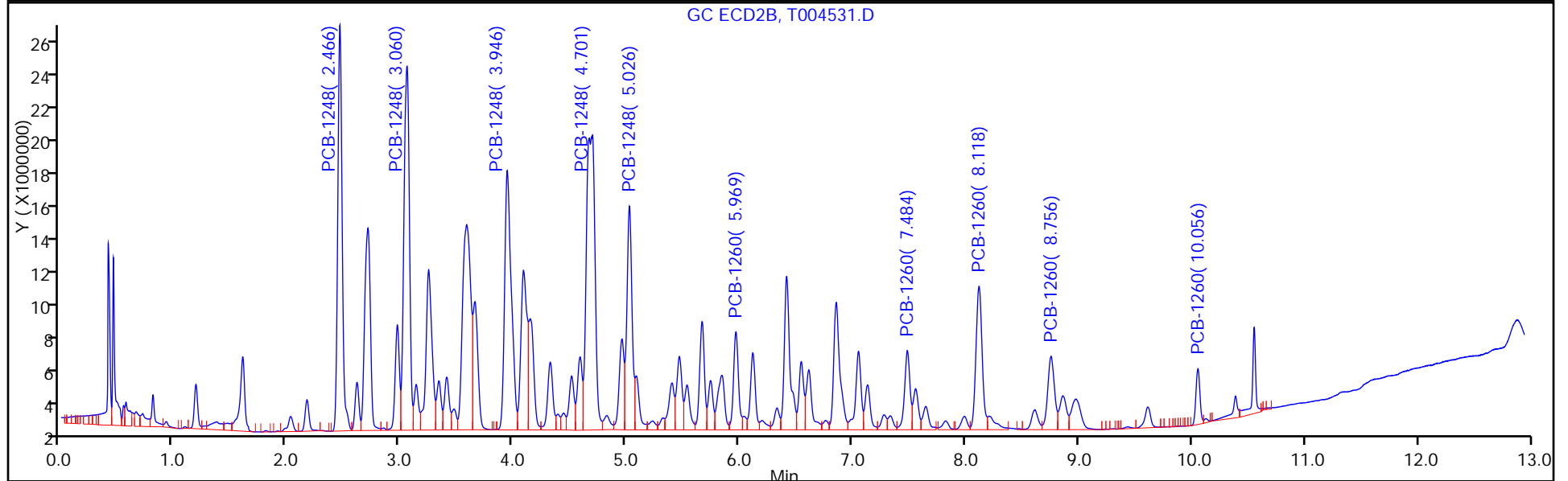
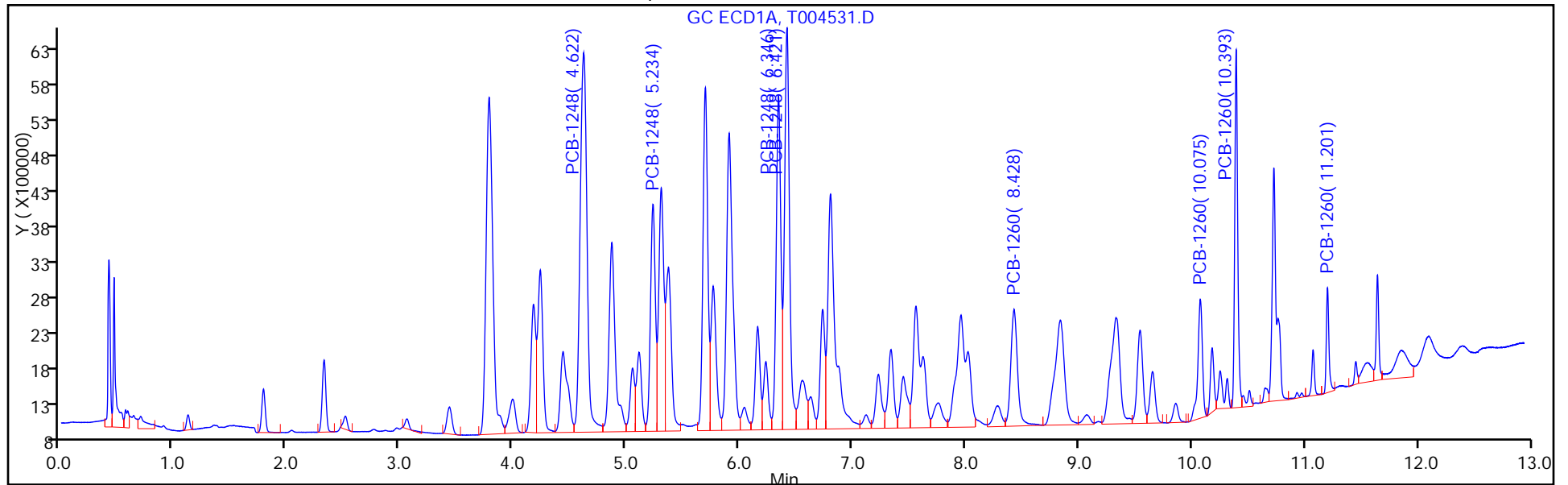
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 17

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D

Injection Date: 12-Mar-2014 13:32:56

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-10-B

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 75

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

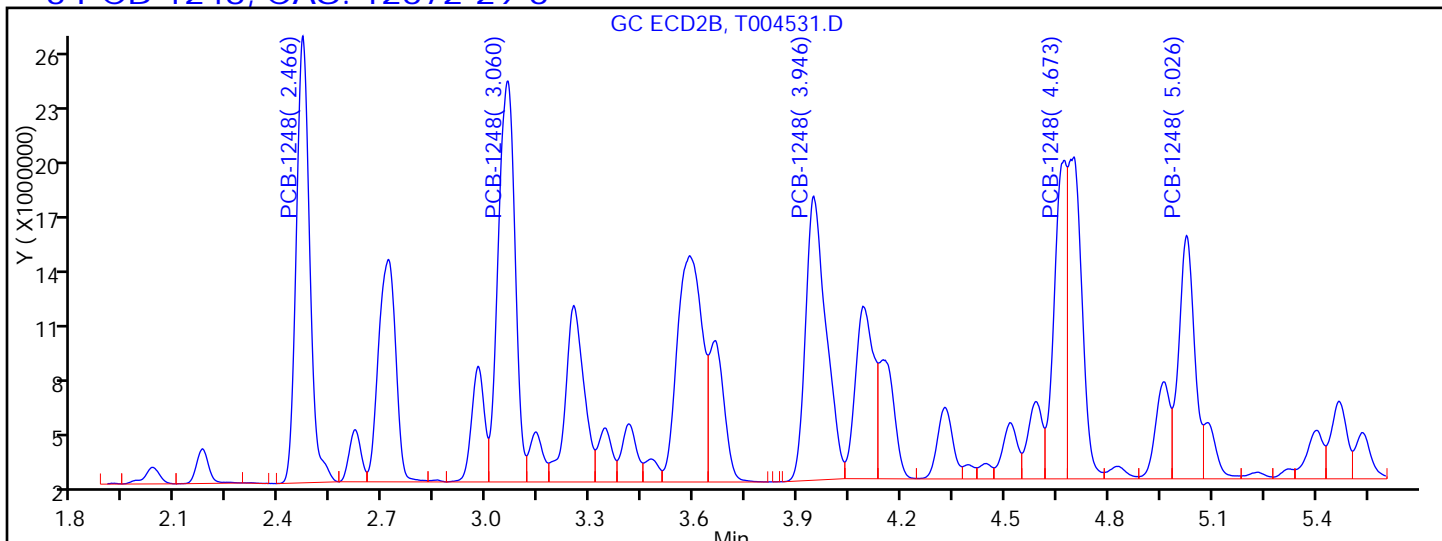
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

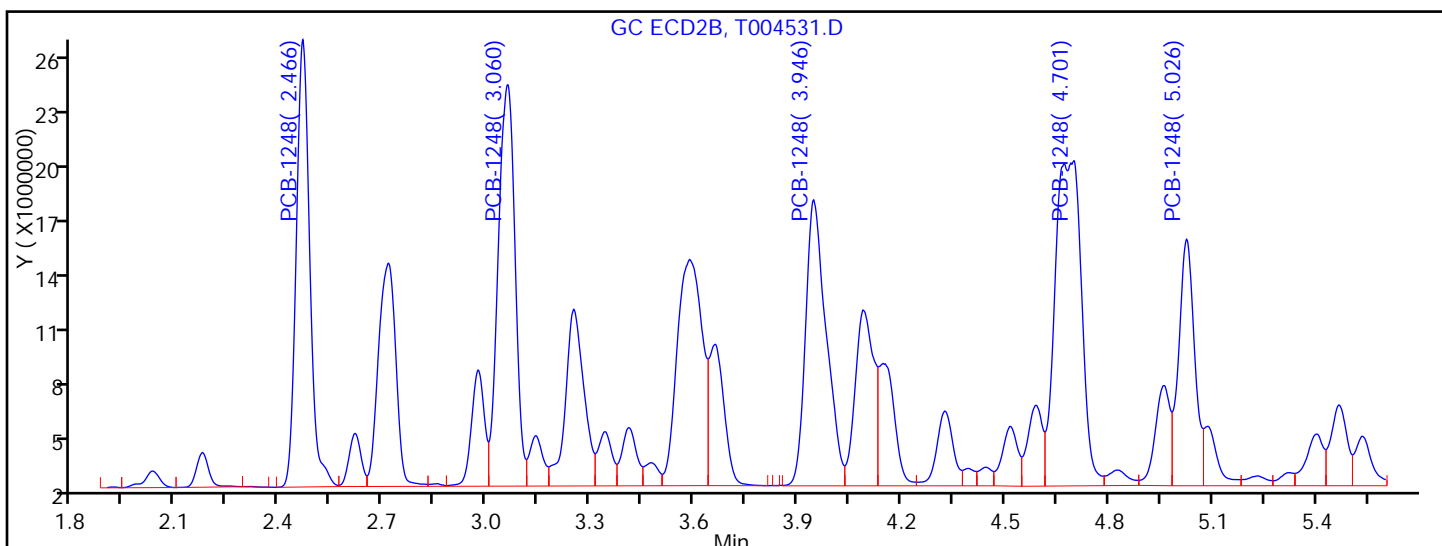
Detector: GC ECD2B

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.466	Response = 64435491	
RT = 3.060	Response = 72594101	M
RT = 3.946	Response = 62149759	M
RT = 4.673	Response = 42592756	M
RT = 5.026	Response = 41055060	M



Manual Integration Results

RT = 2.466	Response = 64435491	
RT = 3.060	Response = 72758223	M
RT = 3.946	Response = 63240949	M
RT = 4.701	Response = 92362055	M
RT = 5.026	Response = 41991411	M

Reviewer: patelji, 12-Mar-2014 15:51:44

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004531.D

Injection Date: 12-Mar-2014 13:32:56

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-10-B

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 17

Worklist Smp#: 75

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

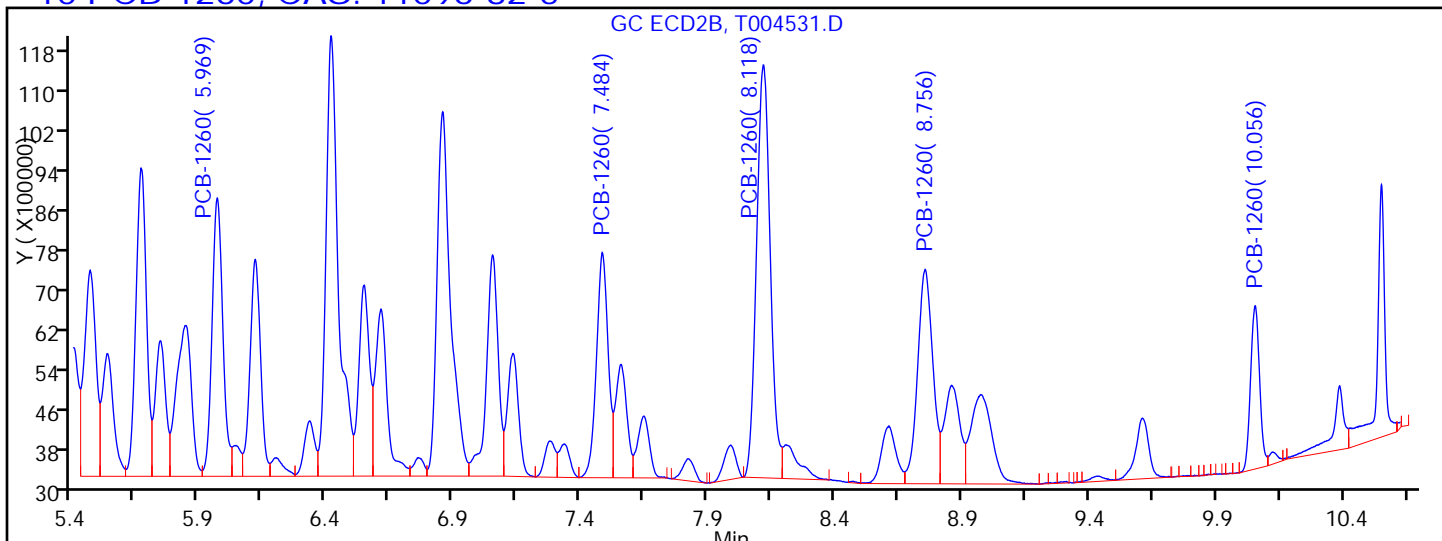
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

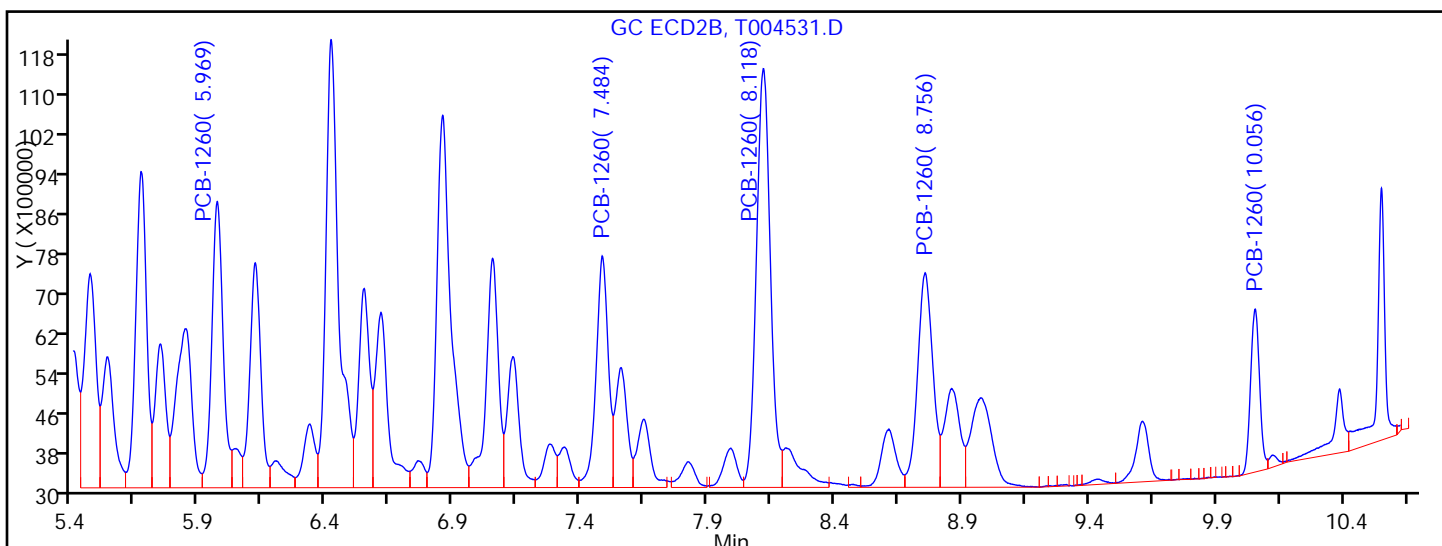
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.969	Response = 16522131	M
RT = 7.484	Response = 14423118	M
RT = 8.118	Response = 31092881	M
RT = 8.756	Response = 17939188	M
RT = 10.056	Response = 8122345	



Manual Integration Results

RT = 5.969	Response = 17703777	M
RT = 7.484	Response = 15523609	M
RT = 8.118	Response = 32297551	M
RT = 8.756	Response = 18030257	M
RT = 10.056	Response = 8122345	

Reviewer: patelji, 12-Mar-2014 15:51:44

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: T004532.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:51
 Con. Extract Vol.: 10(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	28000		1500	350

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004532.D
 Lims ID: 460-72180-F-11-B Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:51:52 ALS Bottle#: 18 Worklist Smp#: 76
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info: 460-0010737-076
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:49:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						M
1	3.059	3.065	-0.006	7886548	1171.4	
1	3.786	3.792	-0.006	21253757	1595.4	
1	4.622	4.627	-0.005	51097237	1981.4	
1	4.869	4.876	-0.007	20585902	1983.5	
1	6.418	6.424	-0.006	21842993	2311.7	
Average of Peak Amounts =					1808.7	
2	2.031	2.035	-0.004	32305521	1177.1	M
2	2.466	2.472	-0.006	68123372	1317.6	
2	3.059	3.065	-0.006	168759126	1572.2	M
2	3.250	3.257	-0.007	71645410	1659.9	M
2	3.946	3.954	-0.008	77481127	1799.1	M
Average of Peak Amounts =					1505.2	
RPD = 18.32						

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004532.D

Injection Date: 12-Mar-2014 13:51:52

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-11-B

Lab Sample ID: 460-72180-11

Worklist Smp#: 76

Client ID: PMP-18SW-WT

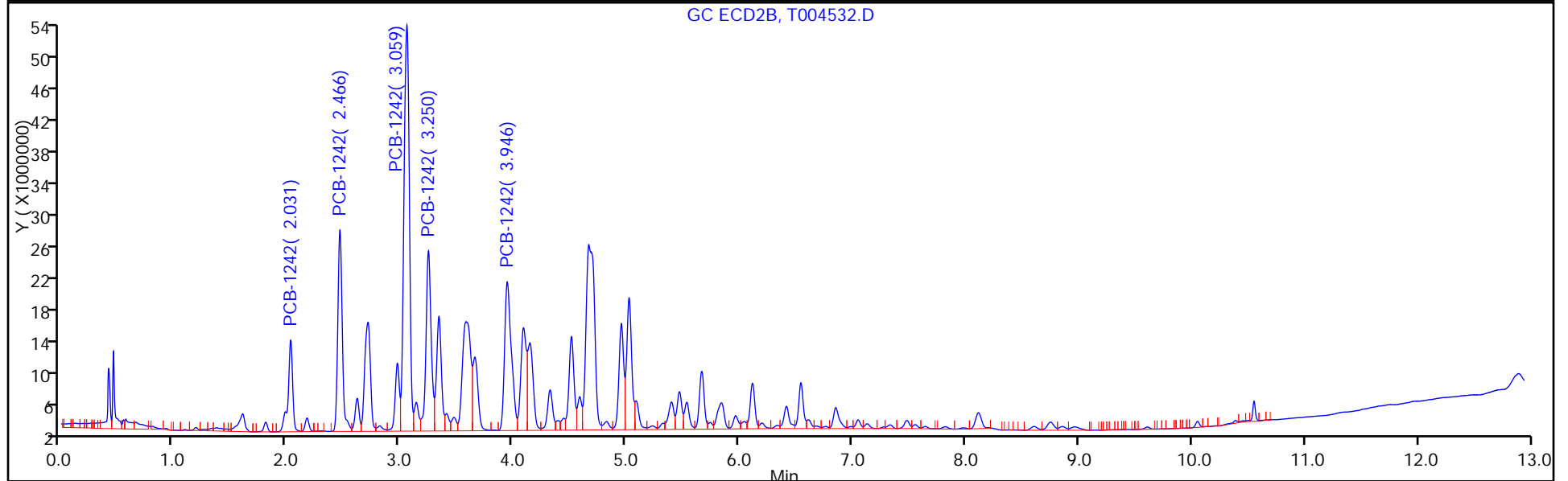
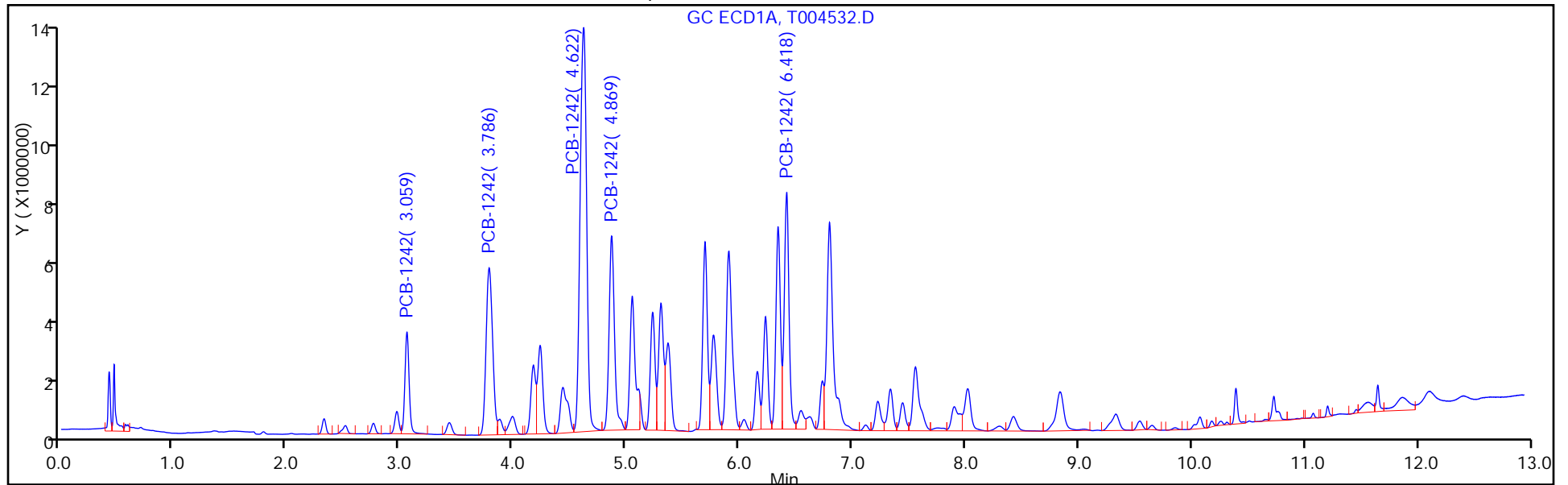
Injection Vol: 1.0 ul

Dil. Factor: 20.0000

ALS Bottle#: 18

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: T004532.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 13:51
 Con. Extract Vol.: 10(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 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	440	U	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 D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004532.D
 Lims ID: 460-72180-F-11-B Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 13:51:52 ALS Bottle#: 18 Worklist Smp#: 76
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info: 460-0010737-076
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:49:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						M
1	3.059	3.065	-0.006	7886548	1171.4	
1	3.786	3.792	-0.006	21253757	1595.4	
1	4.622	4.627	-0.005	51097237	1981.4	
1	4.869	4.876	-0.007	20585902	1983.5	
1	6.418	6.424	-0.006	21842993	2311.7	
Average of Peak Amounts =					1808.7	
2	2.031	2.035	-0.004	32305521	1177.1	M
2	2.466	2.472	-0.006	68123372	1317.6	
2	3.059	3.065	-0.006	168759126	1572.2	M
2	3.250	3.257	-0.007	71645410	1659.9	M
2	3.946	3.954	-0.008	77481127	1799.1	M
Average of Peak Amounts =					1505.2	
RPD = 18.32						

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004532.D

Injection Date: 12-Mar-2014 13:51:52

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-11-B

Lab Sample ID: 460-72180-11

Worklist Smp#: 76

Client ID: PMP-18SW-WT

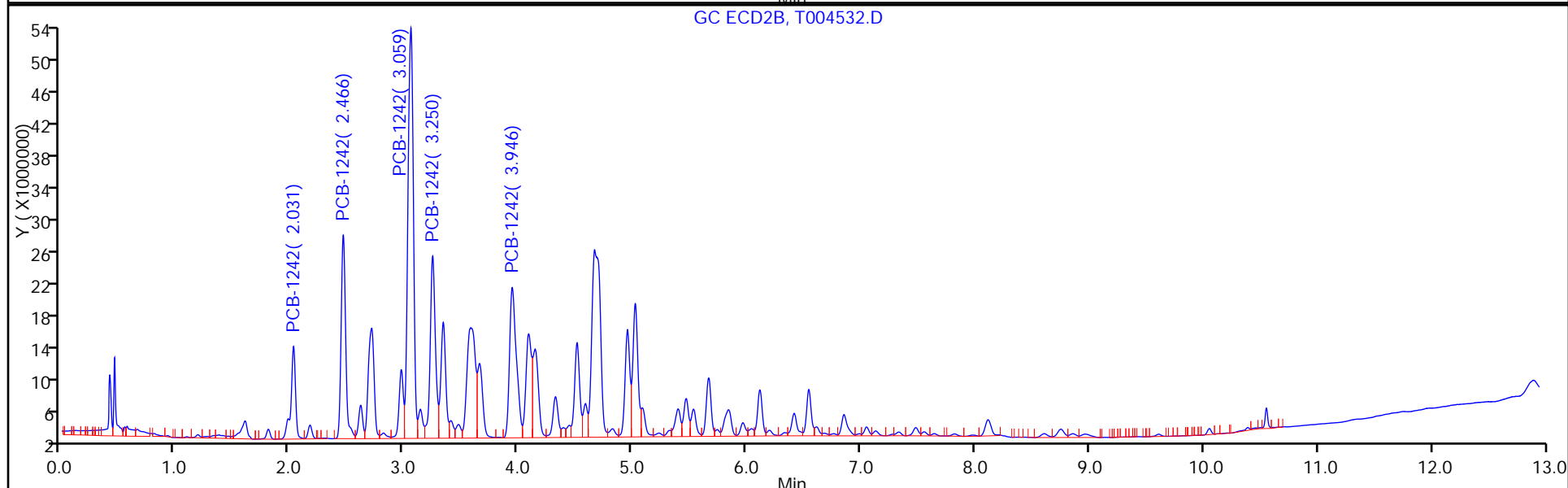
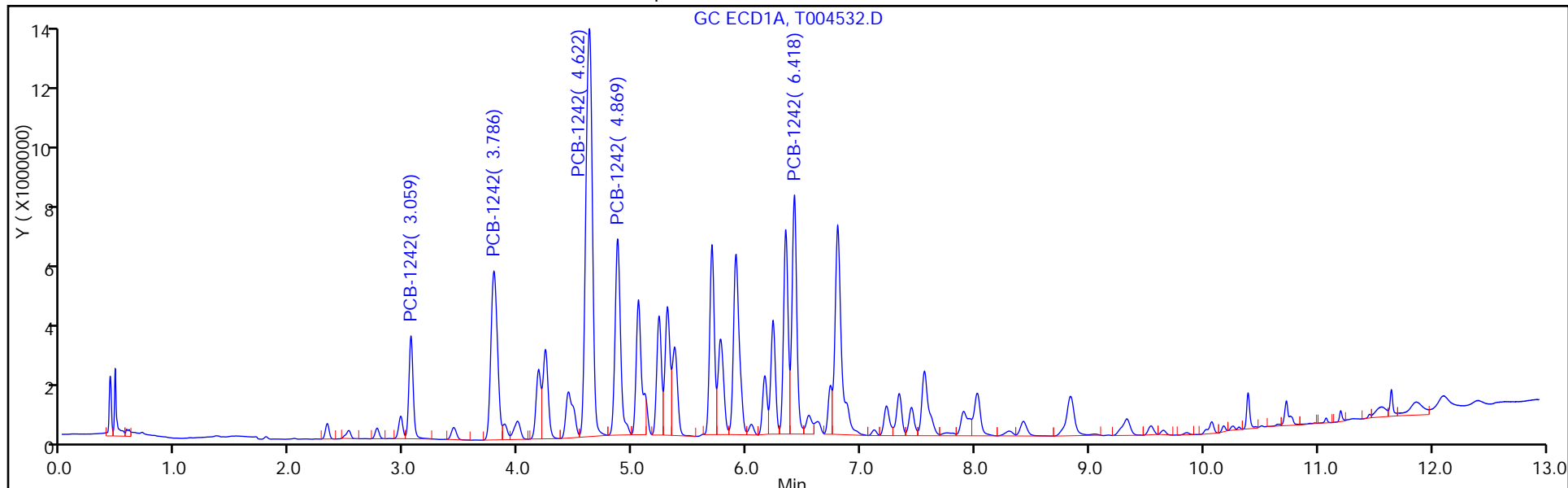
Injection Vol: 1.0 ul

Dil. Factor: 20.0000

ALS Bottle#: 18

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004532.D

Injection Date: 12-Mar-2014 13:51:52

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-11-B

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 76

Injection Vol: 1.0 ul

Dil. Factor: 20.0000

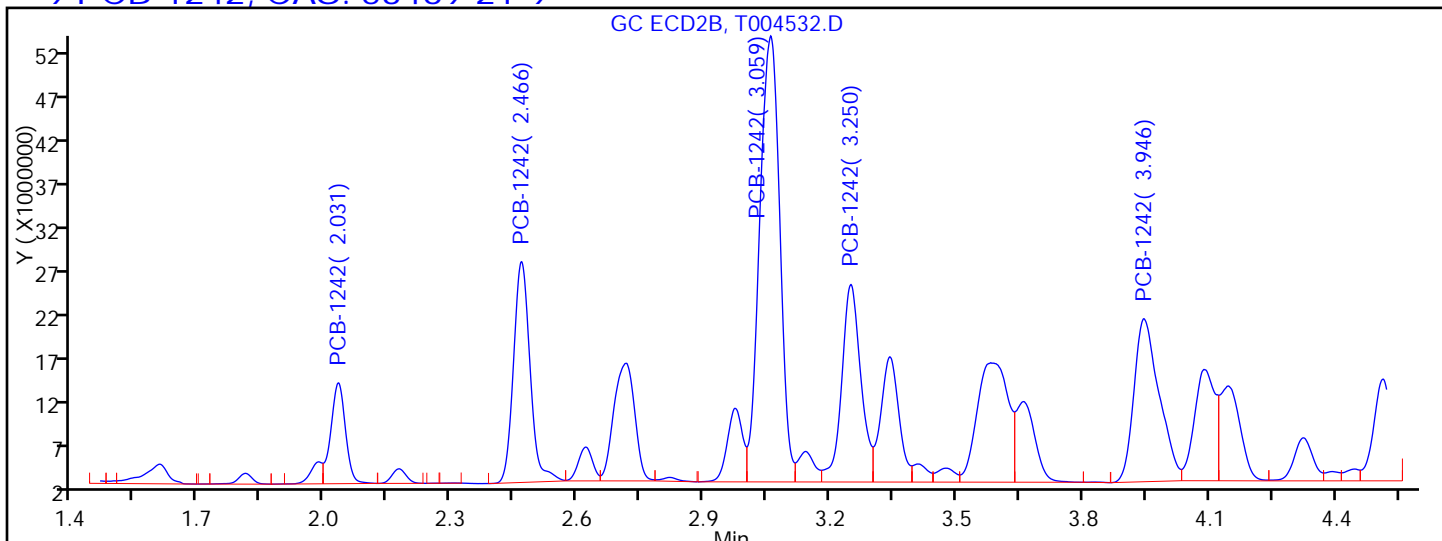
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

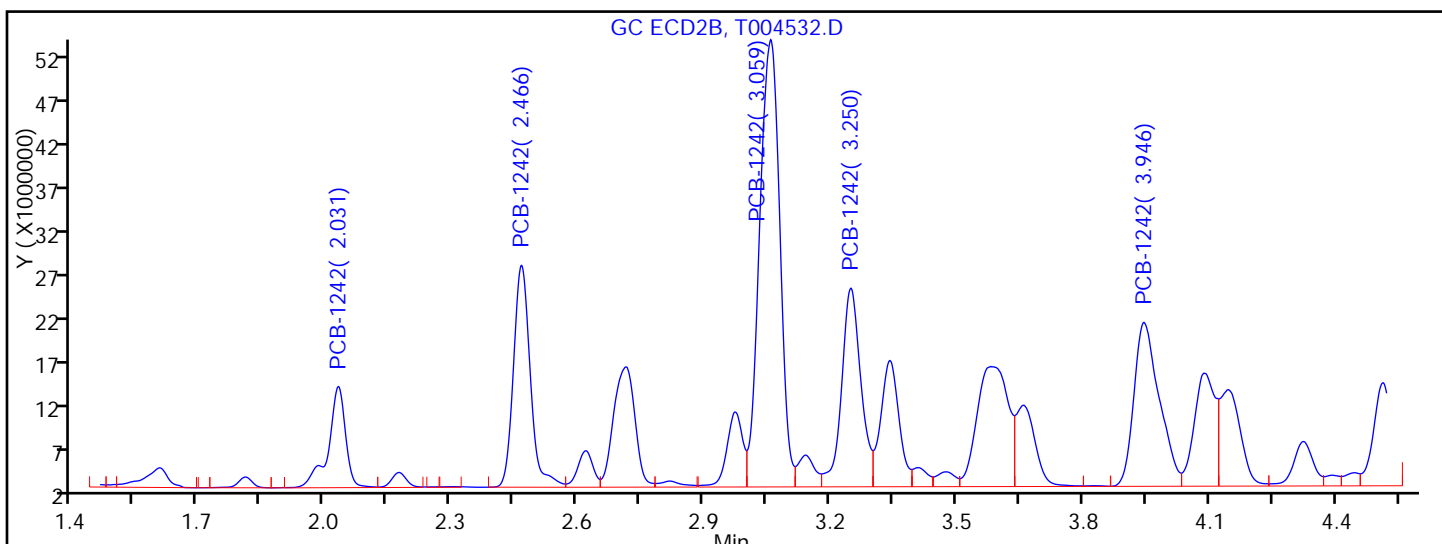
Detector GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.031	Response = 27359448	M
RT = 2.466	Response = 68123372	
RT = 3.059	Response = 167708014	M
RT = 3.250	Response = 70695361	M
RT = 3.946	Response = 76380343	M



Manual Integration Results

RT = 2.031	Response = 32305521	M
RT = 2.466	Response = 68123372	
RT = 3.059	Response = 168759126	M
RT = 3.250	Response = 71645410	M
RT = 3.946	Response = 77481127	M

Reviewer: patelji, 12-Mar-2014 15:49:48

Audit Action: Manually Integrated

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: OR214399.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:05
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 04:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	660		79	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D
 Lims ID: 460-72180-F-12-B Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 04:04:30 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-018
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:22:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						
1	3.037	3.042	-0.005	94513	661.9	M
1	3.505	3.513	-0.008	201434	767.4	M
1	4.047	4.055	-0.008	392355	864.5	M
1	4.217	4.225	-0.008	191433	869.9	M
1	5.345	5.355	-0.010	212131	1042.4	M
Average of Peak Amounts =					841.2	
2	2.343	2.345	-0.002	125699	623.1	M
2	2.667	2.672	-0.005	219249	694.0	
2	3.118	3.127	-0.009	525646	797.9	
2	3.263	3.272	-0.009	190178	825.5	M
2	3.703	3.712	-0.009	198602	748.9	M
Average of Peak Amounts =					737.9	
					RPD = 13.08	
\$ 5 DCB Decachlorobiphenyl						
1	10.652	10.655	-0.003	353303	66.0	M
2	9.372	9.387	-0.015	565979	67.9	M
					RPD = 2.76	

QC Flag Legend

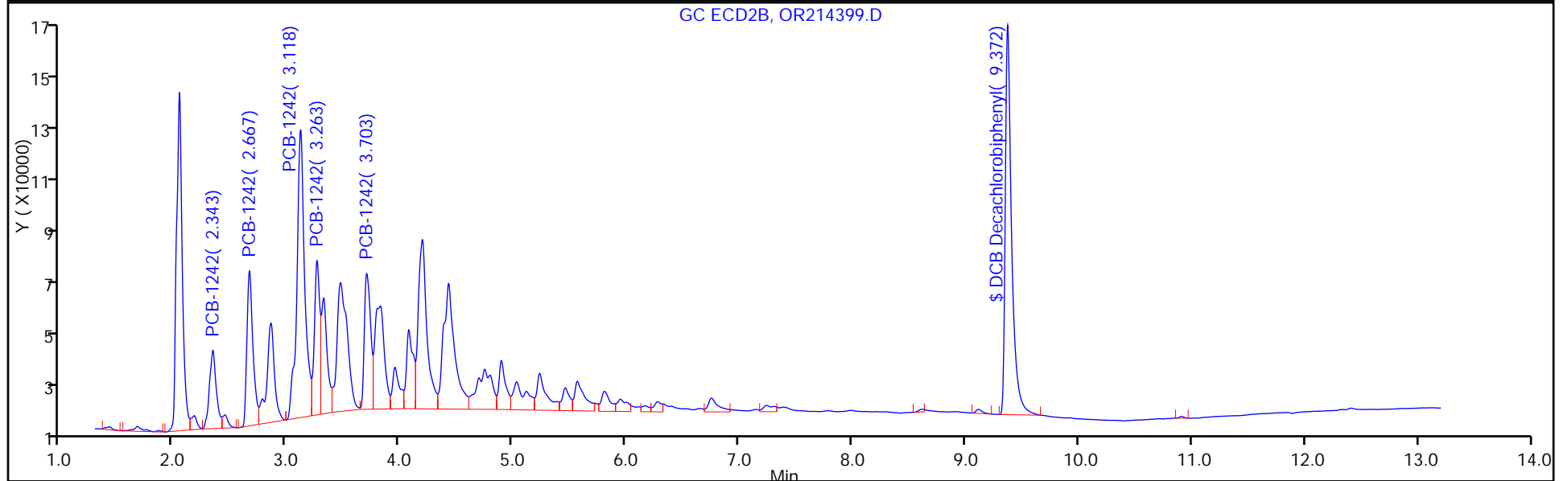
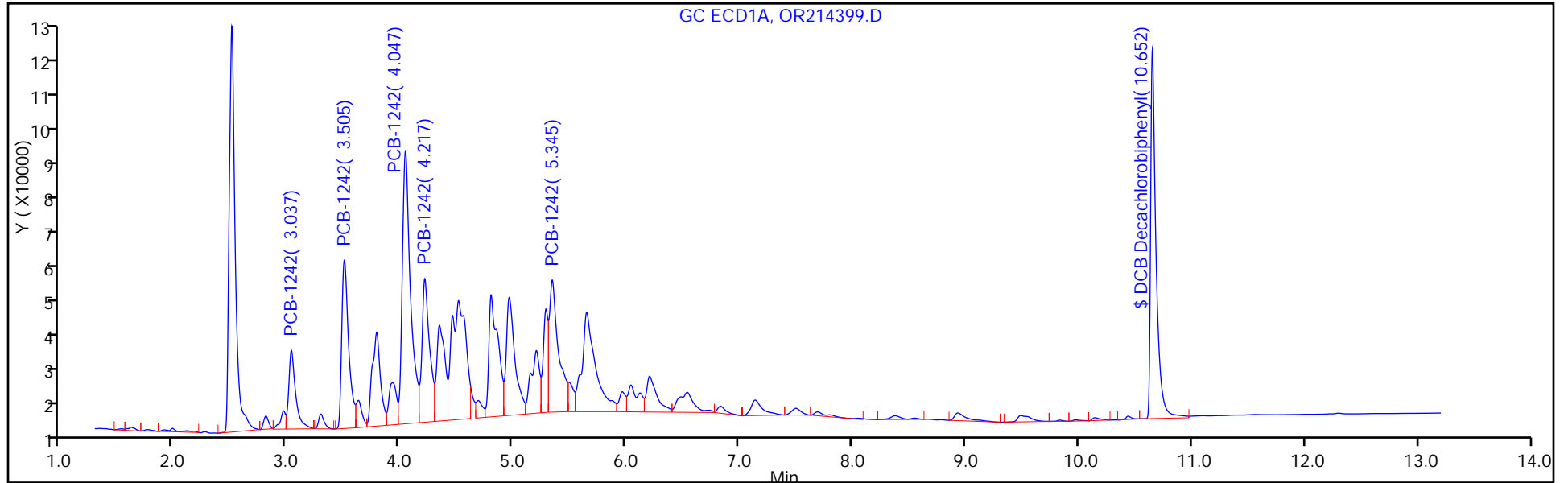
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D
Injection Date: 12-Mar-2014 04:04:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-F-12-B Lab Sample ID: 460-72180-12
Client ID: PMP-18SW-SI
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 18
ALS Bottle#: 18



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D

Injection Date: 12-Mar-2014 04:04:30

Instrument ID: CPESTGC7

Lims ID: 460-72180-F-12-B

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

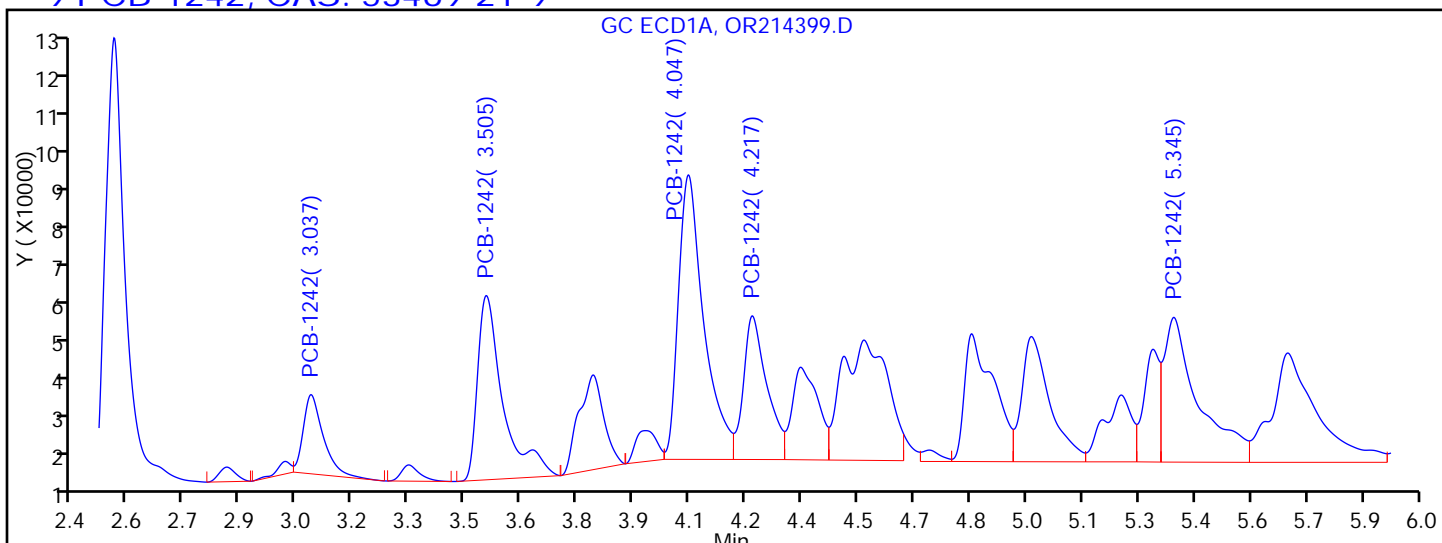
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

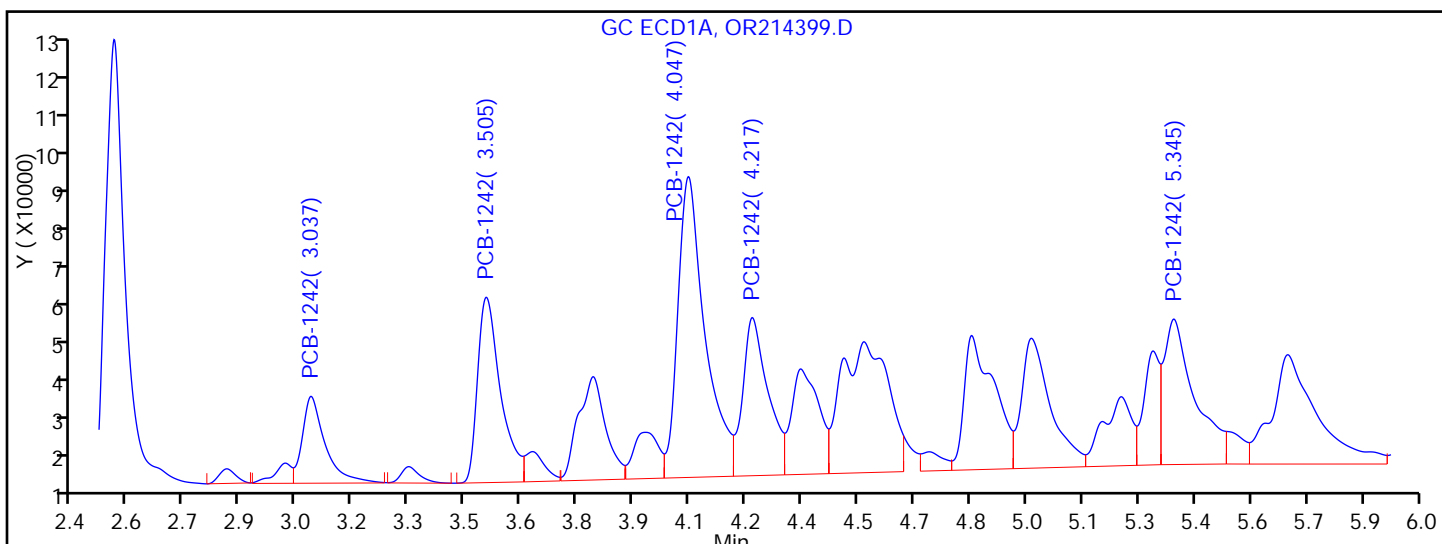
Detector: GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.037	Response = 76248	M
RT = 3.505	Response = 224114	M
RT = 4.047	Response = 346612	M
RT = 4.217	Response = 161307	M
RT = 5.345	Response = 238513	M



Manual Integration Results

RT = 3.037	Response = 94513	M
RT = 3.505	Response = 201434	M
RT = 4.047	Response = 392355	M
RT = 4.217	Response = 191433	M
RT = 5.345	Response = 212131	M

Reviewer: patelji, 12-Mar-2014 12:22:59

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: OR214399.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:05
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 04:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	79	18
11104-28-2	Aroclor 1221	18	U	79	18
11141-16-5	Aroclor 1232	18	U	79	18
12672-29-6	Aroclor 1248	18	U	79	18
11097-69-1	Aroclor 1254	22	U	79	22
11096-82-5	Aroclor 1260	22	U	79	22
37324-23-5	Aroclor 1262	22	U	79	22
11100-14-4	Aroclor 1268	22	U	79	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D
 Lims ID: 460-72180-F-12-B Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 04:04:30 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-018
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:22:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						M
1	3.037	3.042	-0.005	94513	661.9	M
1	3.505	3.513	-0.008	201434	767.4	M
1	4.047	4.055	-0.008	392355	864.5	M
1	4.217	4.225	-0.008	191433	869.9	M
1	5.345	5.355	-0.010	212131	1042.4	M
Average of Peak Amounts =					841.2	
2	2.343	2.345	-0.002	125699	623.1	M
2	2.667	2.672	-0.005	219249	694.0	
2	3.118	3.127	-0.009	525646	797.9	
2	3.263	3.272	-0.009	190178	825.5	M
2	3.703	3.712	-0.009	198602	748.9	M
Average of Peak Amounts =					737.9	
					RPD = 13.08	
\$ 5 DCB Decachlorobiphenyl						M
1	10.652	10.655	-0.003	353303	66.0	
2	9.372	9.387	-0.015	565979	67.9	M
					RPD = 2.76	

QC Flag Legend

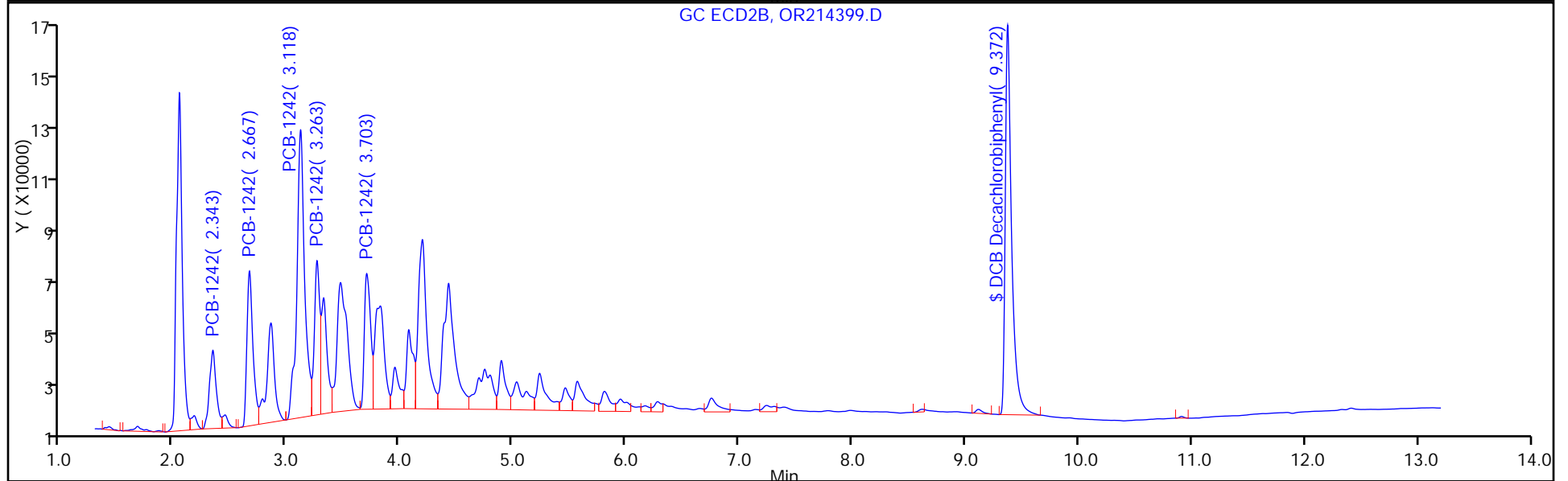
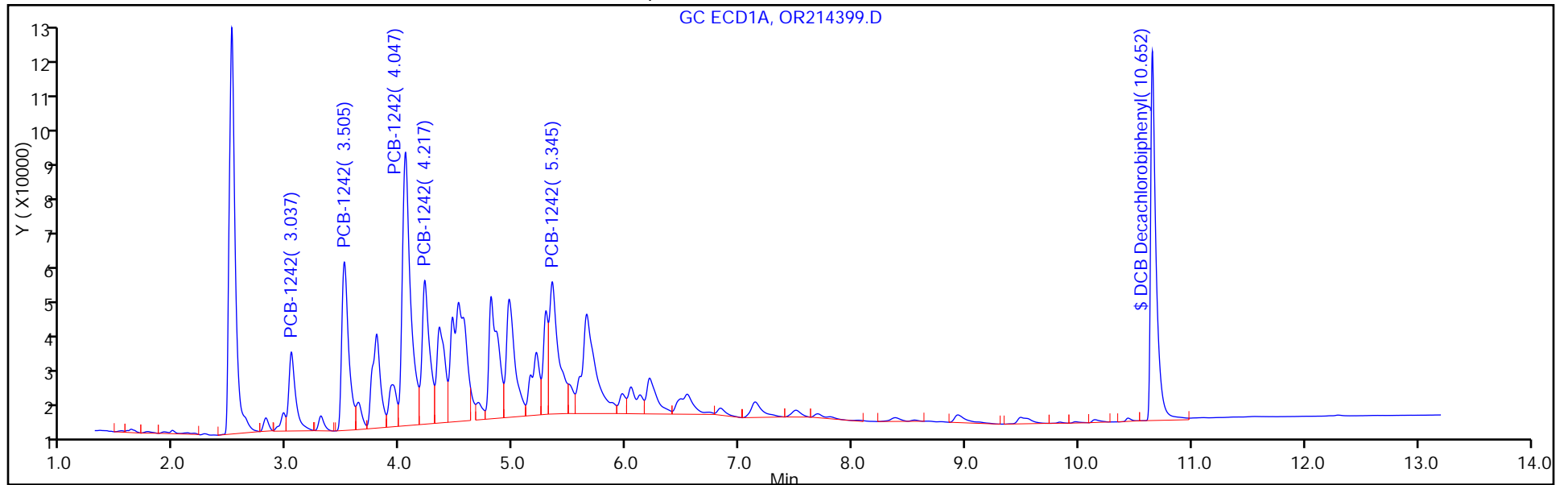
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D
Injection Date: 12-Mar-2014 04:04:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-F-12-B Lab Sample ID: 460-72180-12
Client ID: PMP-18SW-SI
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 18
ALS Bottle#: 18



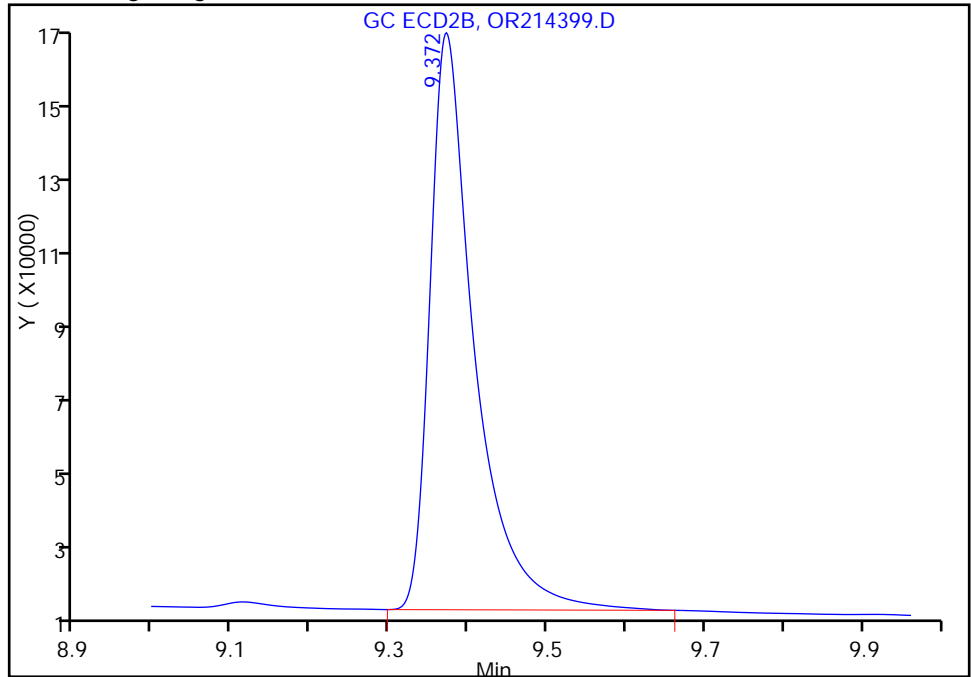
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D		
Injection Date:	12-Mar-2014 04:04:30	Instrument ID:	CPESTGC7
Lims ID:	460-72180-F-12-B	Lab Sample ID:	460-72180-12
Client ID:	PMP-18SW-SI		
Operator ID:		ALS Bottle#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082GC7	Limit Group:	GC 8082 PCB
Column:		Detector:	GC ECD2B
		Worklist Smp#:	18

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

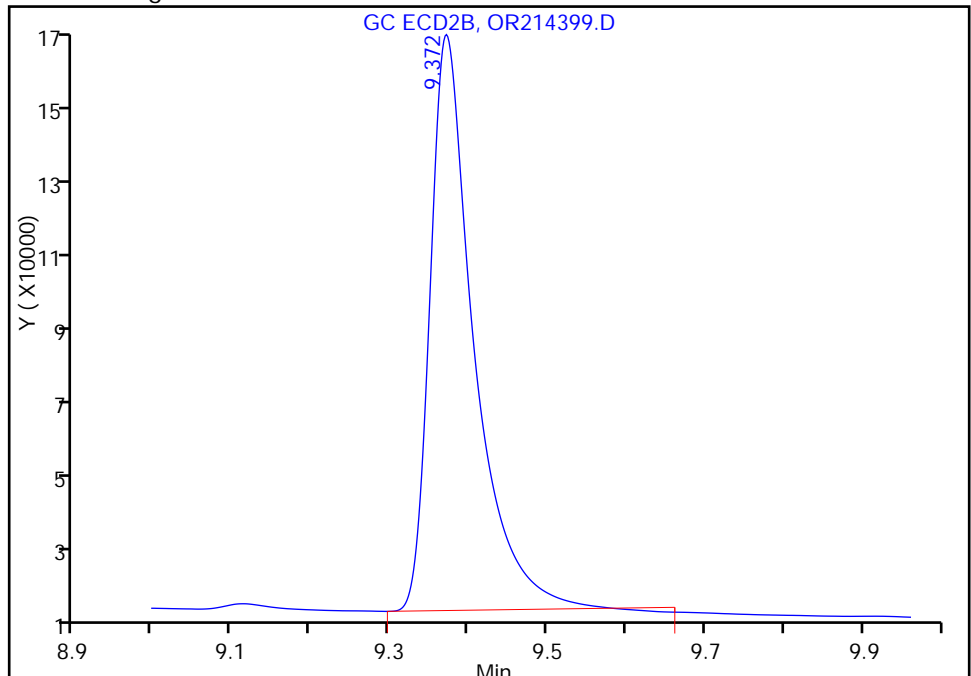
Processing Integration Results

RT: 9.37
 Response: 579634
 Amount: 69.533565



Manual Integration Results

RT: 9.37
 Response: 565979
 Amount: 67.895495



Reviewer: patelji, 12-Mar-2014 12:22:59
 Audit Action: Assigned New Baseline
 Audit Reason: Sample matrix interference

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214399.D

Injection Date: 12-Mar-2014 04:04:30

Instrument ID: CPESTGC7

Lims ID: 460-72180-F-12-B

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

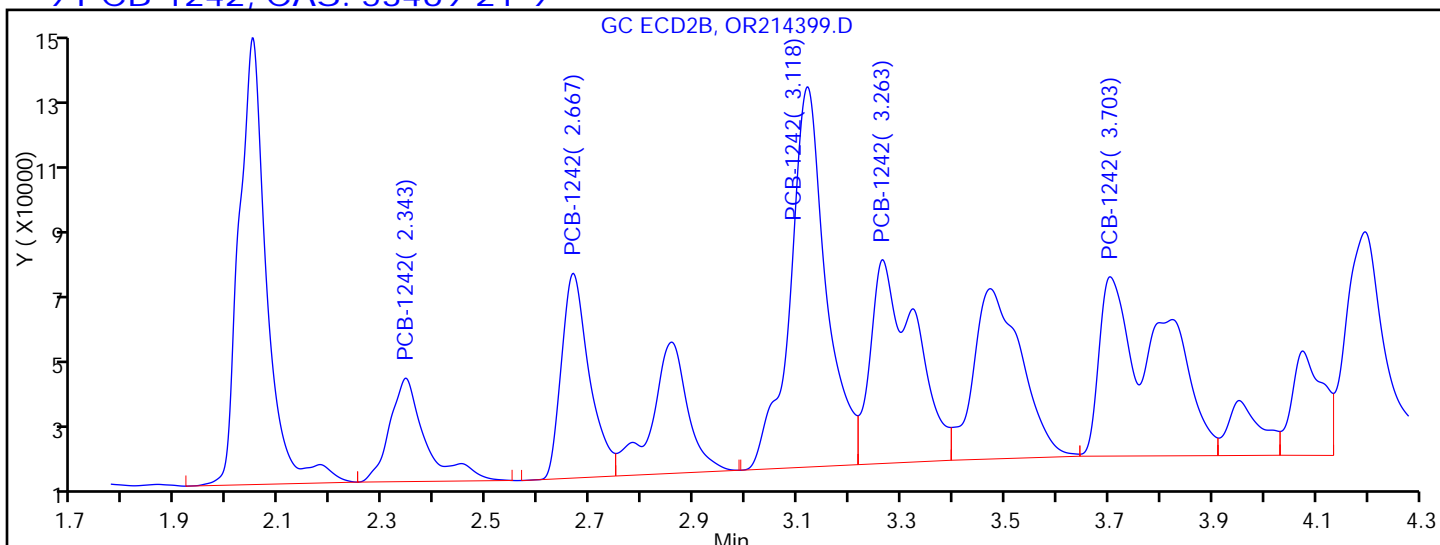
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

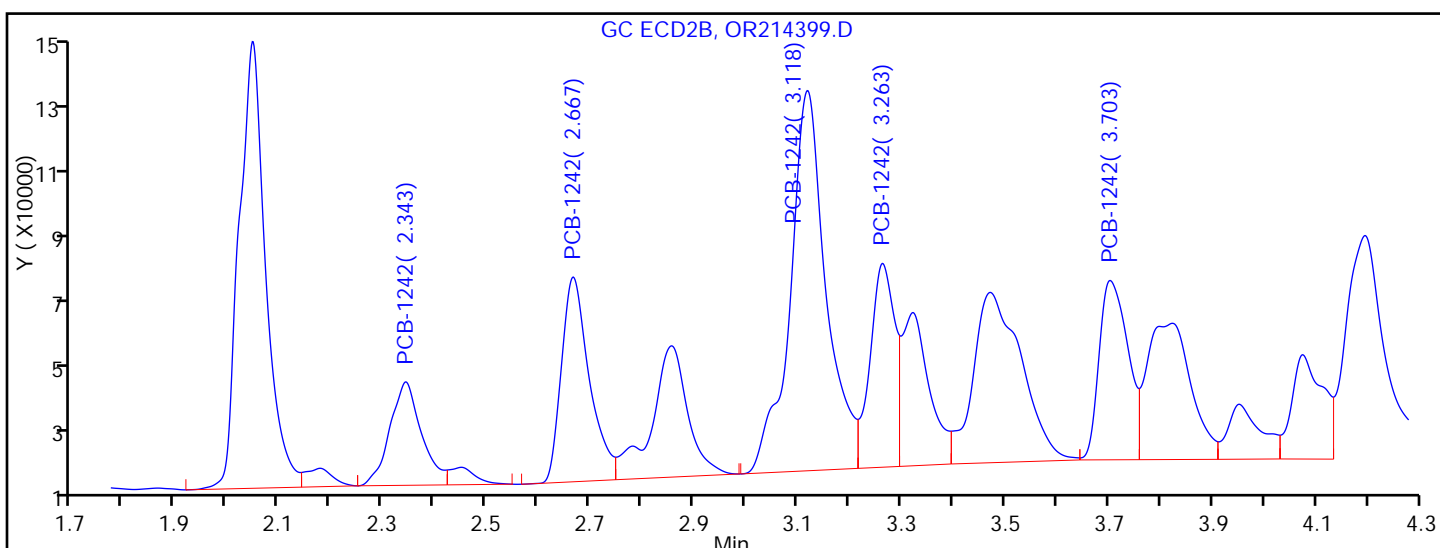
Detector: GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.343	Response = 142519	M
RT = 2.667	Response = 219249	
RT = 3.118	Response = 525646	
RT = 3.263	Response = 351115	M
RT = 3.703	Response = 428791	M



Manual Integration Results

RT = 2.343	Response = 125699	M
RT = 2.667	Response = 219249	
RT = 3.118	Response = 525646	
RT = 3.263	Response = 190178	M
RT = 3.703	Response = 198602	M

Reviewer: patelji, 12-Mar-2014 12:22:59

Audit Action: Split an Integrated Peak

Page 2103 of 3015

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: T004533.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:10
 Con. Extract Vol.: 10(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 6.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	4900		360	80
11096-82-5	Aroclor 1260	900		360	100

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\20140312-10737.b\T004533.D
 Lims ID: 460-72180-F-13-B Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:10:54 ALS Bottle#: 19 Worklist Smp#: 77
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010737-077
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:48:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248

1	0.0	3.789	-3.789	0	0	
1	4.620	4.624	-0.004	33798533	2016.0	
1	5.234	5.239	-0.005	11144732	1087.4	
1	6.343	6.347	-0.004	15436965	1118.0	
1	6.417	6.423	-0.006	20263477	1275.9	
Average of Peak Amounts =					1374.3	
2	2.465	2.470	-0.005	57280434	2175.1	M
2	3.056	3.061	-0.005	115765722	1639.6	M
2	3.946	3.954	-0.008	71251486	1065.8	
2	4.670	4.675	-0.005	110811564	982.5	M
2	5.026	5.034	-0.008	41270054	824.9	M
Average of Peak Amounts =					1337.6	
					RPD = 2.71	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.424	8.423	0.001	6865165	271.6	
1	10.073	10.075	-0.002	4920207	257.3	
1	10.391	10.391	0.0	9992722	239.7	M
1	11.202	11.198	0.004	2676674	247.2	M
Average of Peak Amounts =					253.9	
2	5.966	5.972	-0.006	18072576	263.6	M
2	7.481	7.486	-0.005	16284276	231.4	M
2	8.115	8.121	-0.006	34620801	227.6	M
2	8.752	8.760	-0.008	18570559	231.4	
2	10.051	10.058	-0.007	8287440	218.5	
Average of Peak Amounts =					234.5	
					RPD = 7.95	

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1 11.645 11.636 0.009 3414537 10.6

2 10.551 10.555 -0.004 11740079 9.63

RPD = 9.74

QC Flag Legend

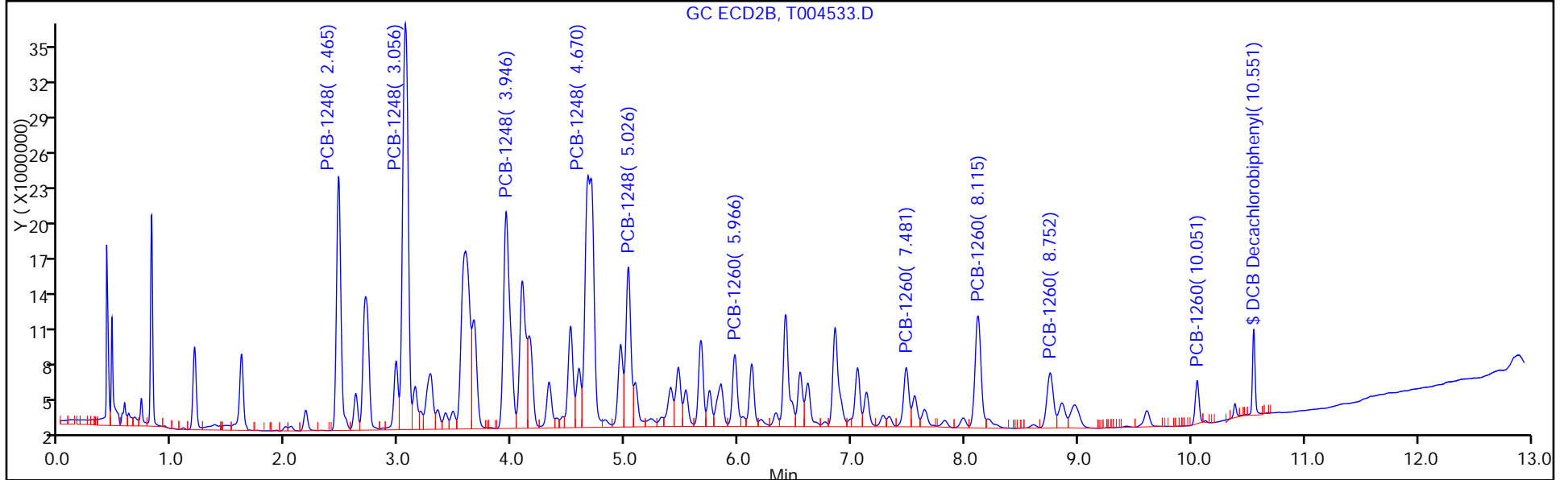
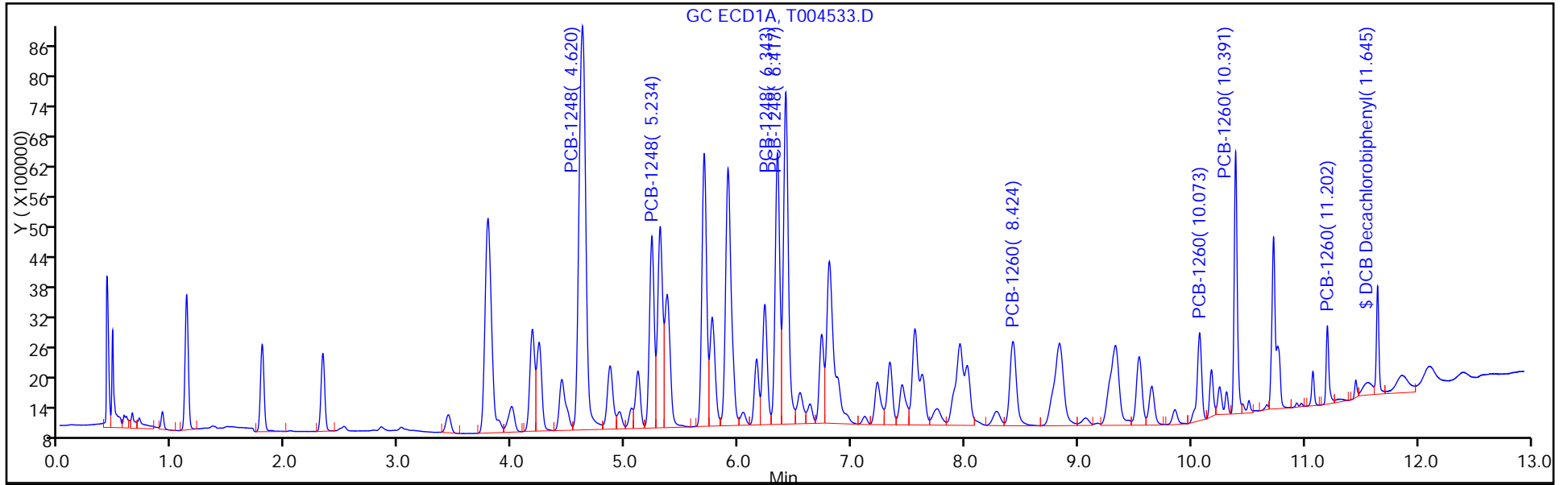
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D
Injection Date: 12-Mar-2014 14:10:54 Instrument ID: CPESTGC11
Lims ID: 460-72180-F-13-B Lab Sample ID: 460-72180-13
Client ID: PMP-19SW-VD
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8082GC11 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 77
ALS Bottle#: 19



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D

Injection Date: 12-Mar-2014 14:10:54

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-13-B

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 77

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

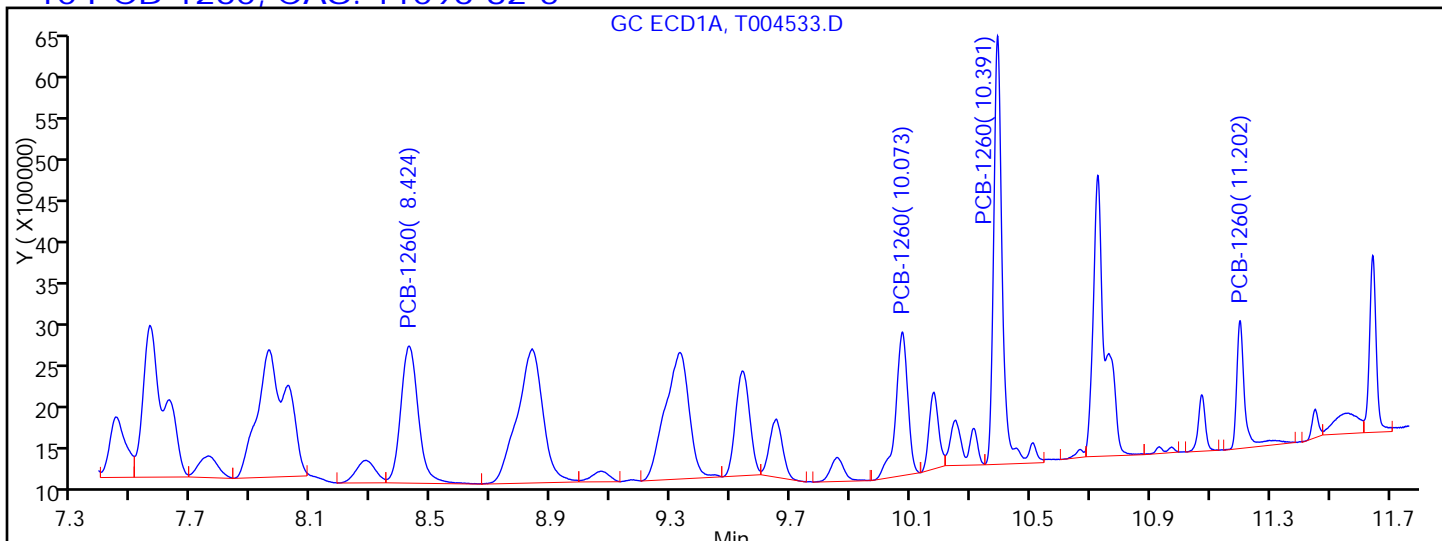
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

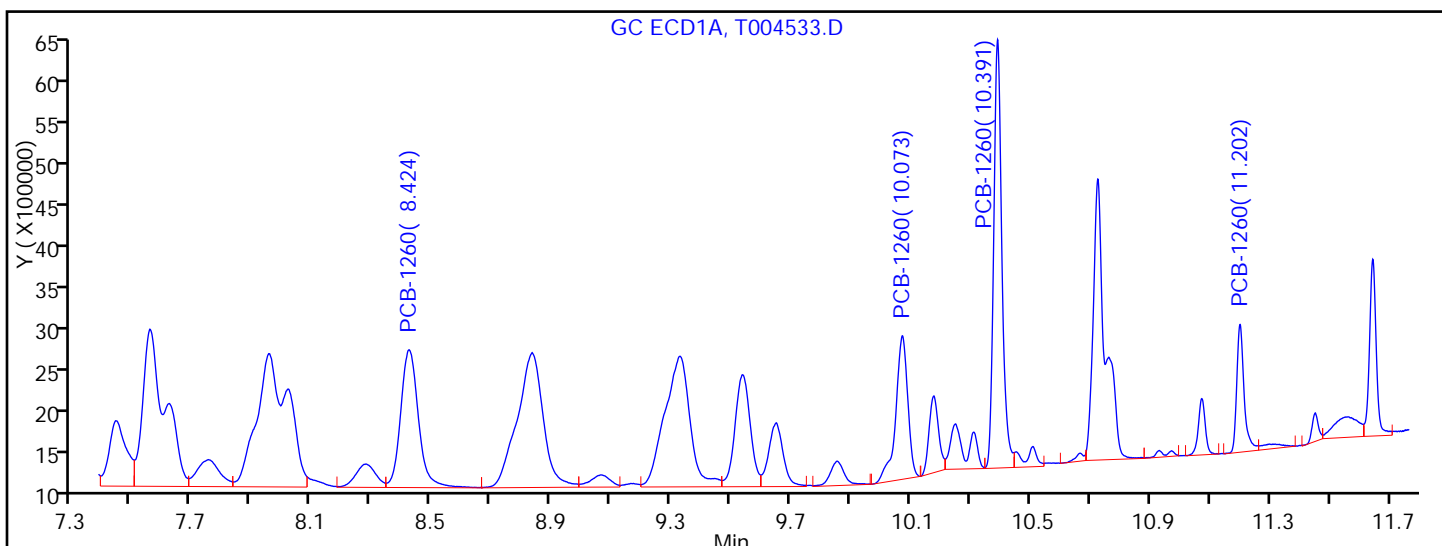
Detector: GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.955	Response = 10669054	
RT = 8.424	Response = 6865165	
RT = 10.073	Response = 4920207	
RT = 10.391	Response = 10738293	M
RT = 11.202	Response = 2953708	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 8.424	Response = 6865165	
RT = 10.073	Response = 4920207	
RT = 10.391	Response = 9992722	M
RT = 11.202	Response = 2676674	M

Reviewer: patelji, 12-Mar-2014 15:48:43

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: T004533.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 14:10
 Con. Extract Vol.: 10(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 6.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	80	U	360	80
11104-28-2	Aroclor 1221	80	U	360	80
11141-16-5	Aroclor 1232	80	U	360	80
53469-21-9	Aroclor 1242	80	U	360	80
11097-69-1	Aroclor 1254	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	96		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D
 Lims ID: 460-72180-F-13-B Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:10:54 ALS Bottle#: 19 Worklist Smp#: 77
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010737-077
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:48:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248

1	0.0	3.789	-3.789	0	0	
1	4.620	4.624	-0.004	33798533	2016.0	
1	5.234	5.239	-0.005	11144732	1087.4	
1	6.343	6.347	-0.004	15436965	1118.0	
1	6.417	6.423	-0.006	20263477	1275.9	
Average of Peak Amounts =					1374.3	
2	2.465	2.470	-0.005	57280434	2175.1	M
2	3.056	3.061	-0.005	115765722	1639.6	M
2	3.946	3.954	-0.008	71251486	1065.8	
2	4.670	4.675	-0.005	110811564	982.5	M
2	5.026	5.034	-0.008	41270054	824.9	M
Average of Peak Amounts =					1337.6	
					RPD = 2.71	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.424	8.423	0.001	6865165	271.6	
1	10.073	10.075	-0.002	4920207	257.3	
1	10.391	10.391	0.0	9992722	239.7	M
1	11.202	11.198	0.004	2676674	247.2	M
Average of Peak Amounts =					253.9	
2	5.966	5.972	-0.006	18072576	263.6	M
2	7.481	7.486	-0.005	16284276	231.4	M
2	8.115	8.121	-0.006	34620801	227.6	M
2	8.752	8.760	-0.008	18570559	231.4	
2	10.051	10.058	-0.007	8287440	218.5	
Average of Peak Amounts =					234.5	
					RPD = 7.95	

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	--------------	------------------	------------------	----------	--------------------	-------

\$ 5 DCB Decachlorobiphenyl

1 11.645 11.636 0.009 3414537 10.6

2 10.551 10.555 -0.004 11740079 9.63

RPD = 9.74

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D

Injection Date: 12-Mar-2014 14:10:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-13-B

Lab Sample ID: 460-72180-13

Worklist Smp#: 77

Client ID: PMP-19SW-VD

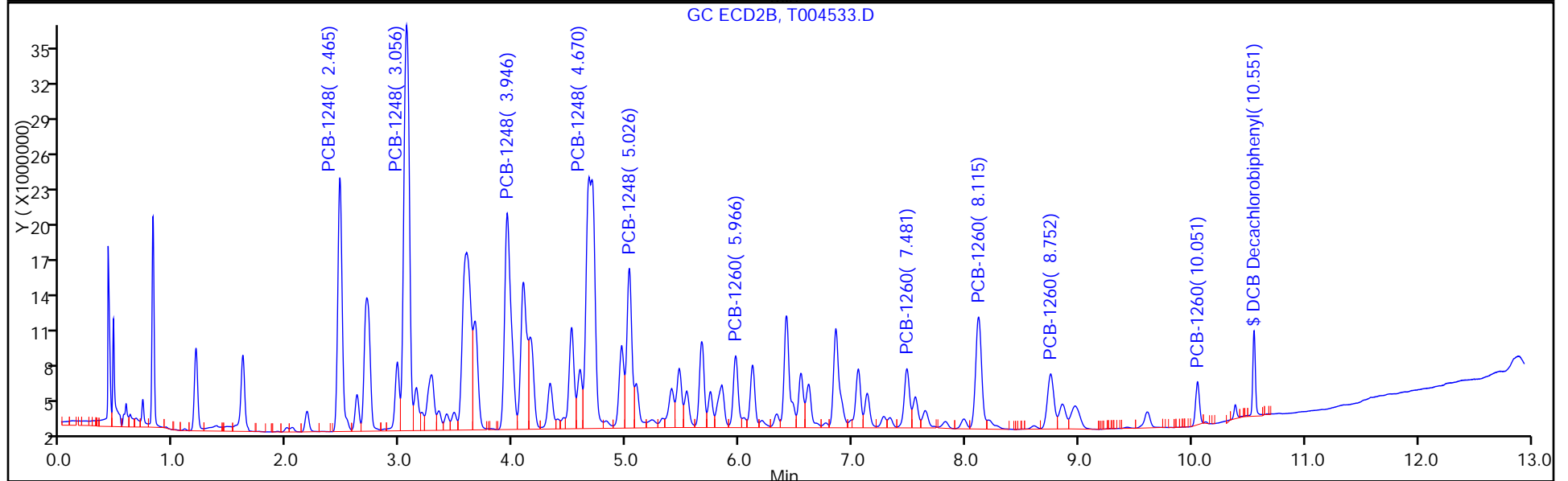
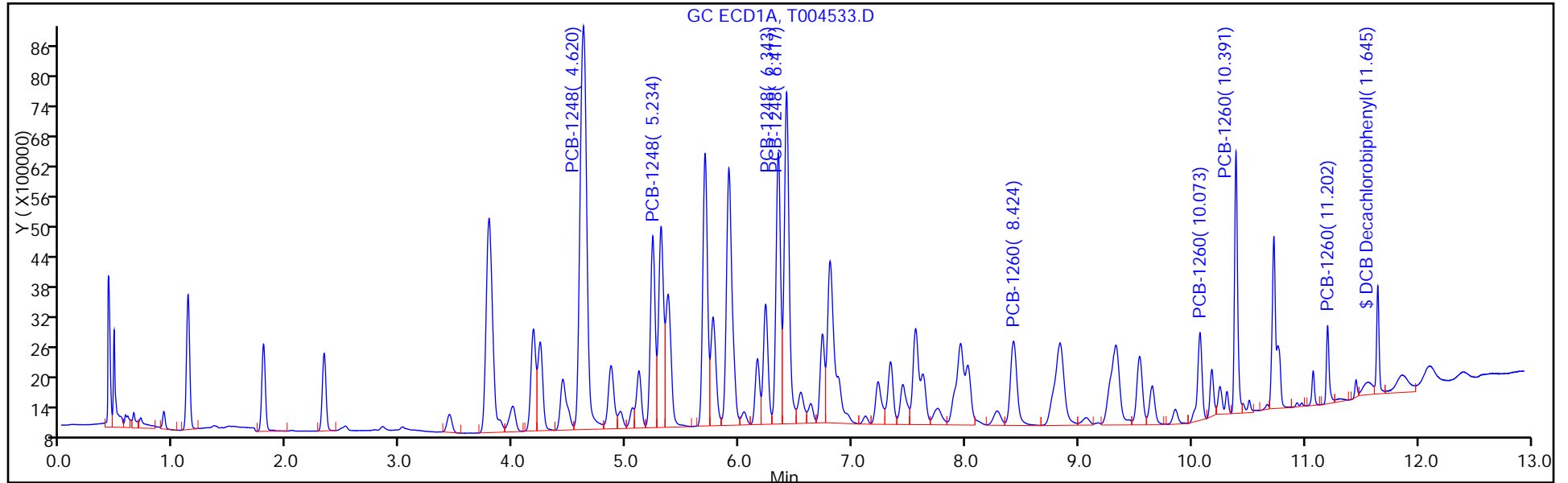
Injection Vol: 1.0 ul

Dil. Factor: 5.0000

ALS Bottle#: 19

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004533.D

Injection Date: 12-Mar-2014 14:10:54

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-13-B

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 19

Worklist Smp#: 77

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

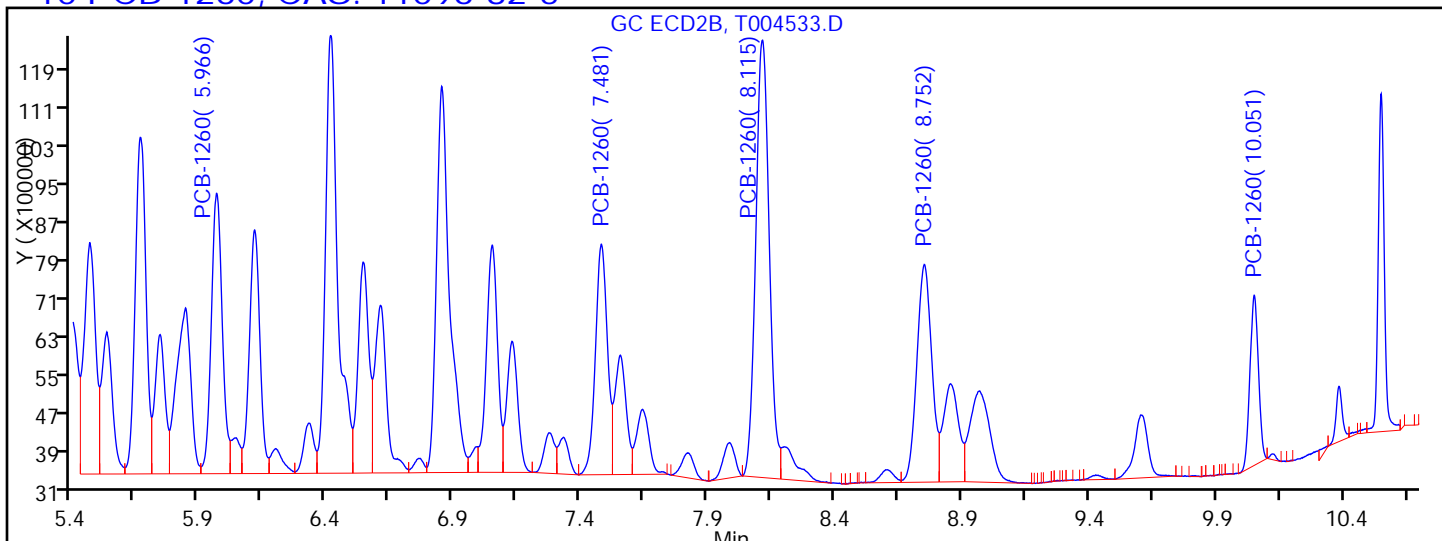
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

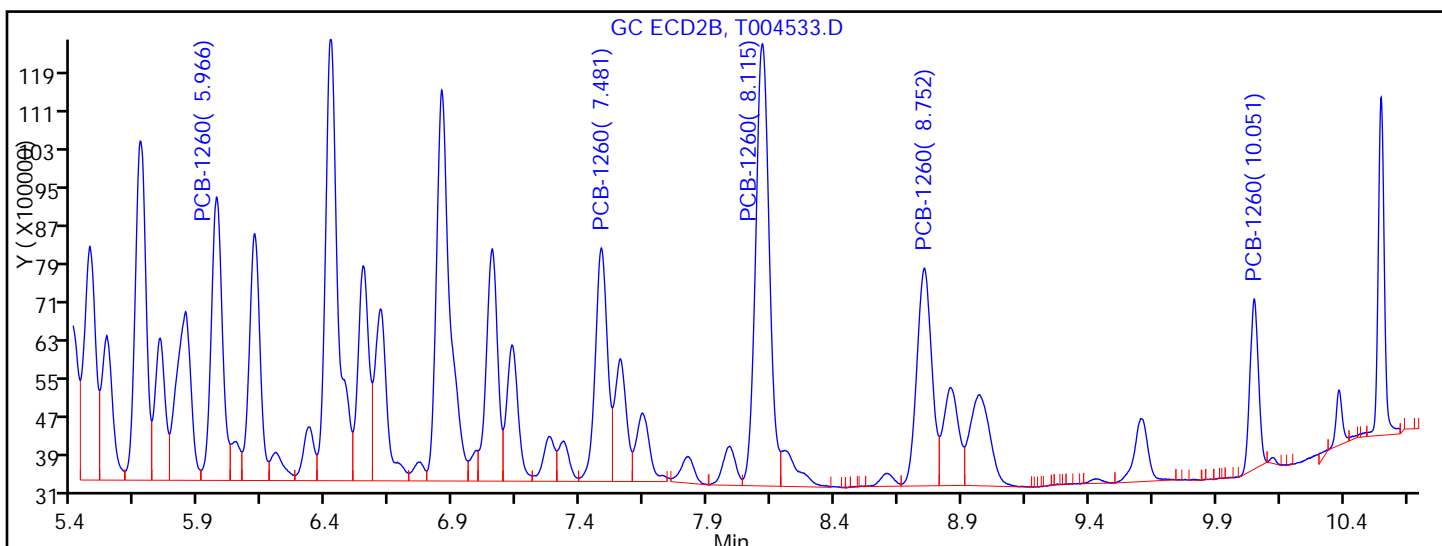
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.966	Response = 17638010	M
RT = 7.481	Response = 15789984	M
RT = 8.115	Response = 33727724	M
RT = 8.752	Response = 18570559	
RT = 10.051	Response = 8287440	



Manual Integration Results

RT = 5.966	Response = 18072576	M
RT = 7.481	Response = 16284276	M
RT = 8.115	Response = 34620801	M
RT = 8.752	Response = 18570559	
RT = 10.051	Response = 8287440	

Reviewer: patelji, 12-Mar-2014 15:48:43

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: T004534.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:05
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 14:29
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 12.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	15000		760	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004534.D
 Lims ID: 460-72180-F-14-B Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:29:50 ALS Bottle#: 20 Worklist Smp#: 78
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-078
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:46:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.059	3.065	-0.006	8811687	1308.8	
1	3.786	3.792	-0.006	23820463	1788.1	
1	4.623	4.627	-0.004	59324791	2300.4	M
1	4.872	4.876	-0.004	23925920	2305.3	M
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1925.7	
2	2.031	2.035	-0.004	29835858	1087.1	
2	2.466	2.472	-0.006	76573786	1481.0	M
2	3.057	3.065	-0.008	188925461	1760.1	M
2	3.248	3.257	-0.009	79604989	1844.3	M
2	3.946	3.954	-0.008	87404655	2029.5	M
Average of Peak Amounts =					1640.4	

RPD = 16.00

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.426	8.423	0.003	2948201	116.6	
1	10.075	10.075	0.0	1607759	84.1	M
1	10.392	10.391	0.001	3601408	86.4	
1	11.200	11.198	0.002	974561	90.0	
Average of Peak Amounts =					94.3	
2	5.970	5.972	-0.002	8653757	126.2	M
2	7.486	7.486	0.0	7013049	99.7	M
2	8.117	8.121	-0.004	11969138	78.7	
2	8.754	8.760	-0.006	7133542	88.9	
2	10.055	10.058	-0.003	3119784	82.3	
Average of Peak Amounts =					95.1	

RPD = 0.92

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004534.D

Injection Date: 12-Mar-2014 14:29:50

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-14-B

Lab Sample ID: 460-72180-14

Worklist Smp#: 78

Client ID: PMP-19SW-WT

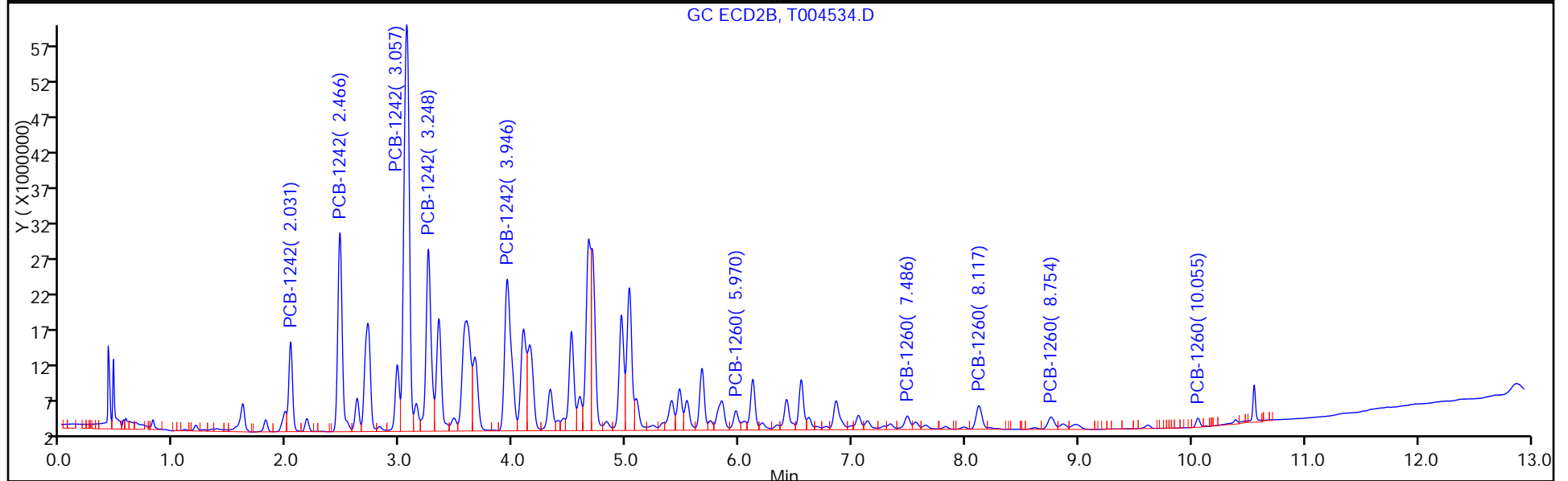
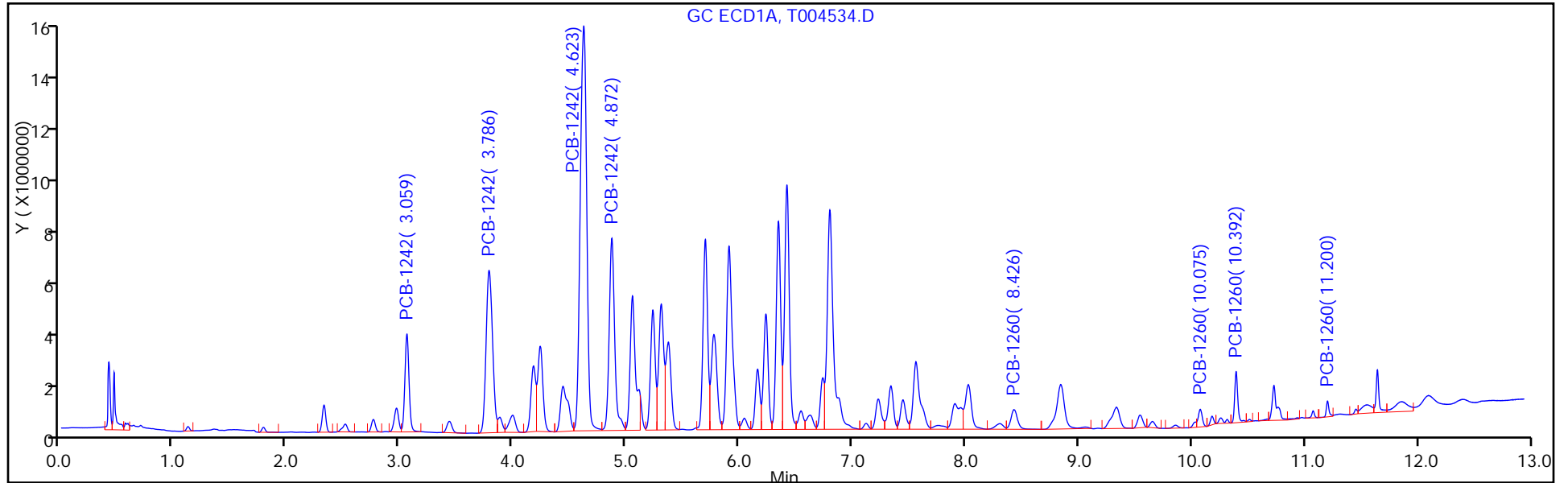
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 20

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004534.D

Injection Date: 12-Mar-2014 14:29:50

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-14-B

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 78

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

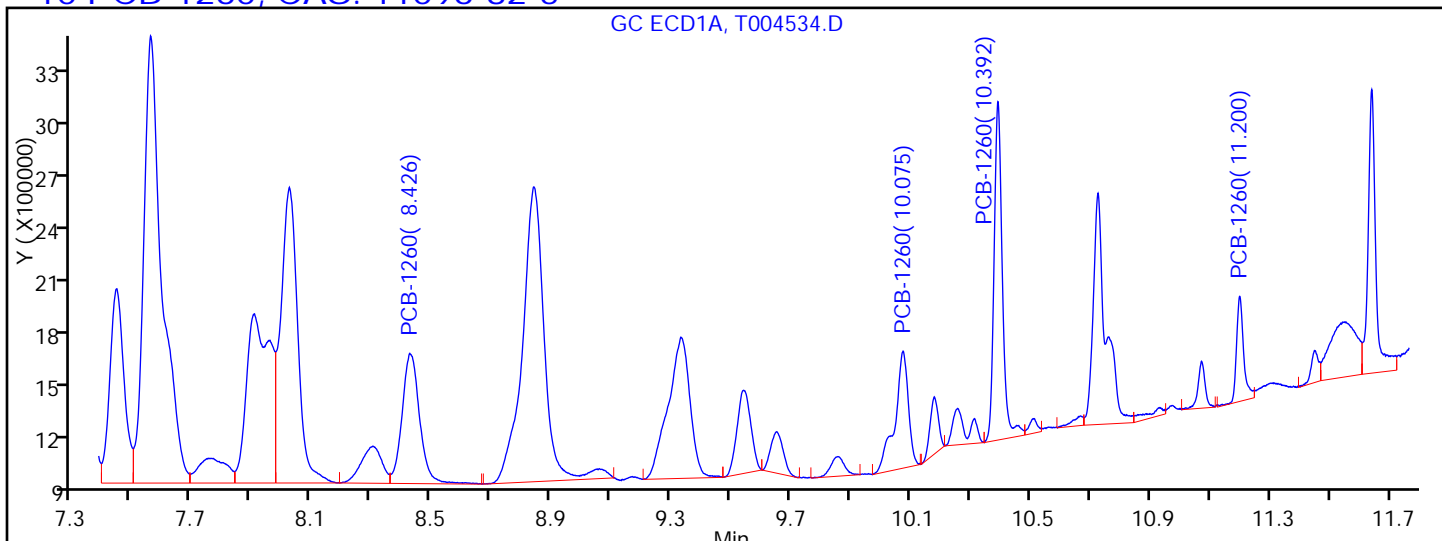
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

Detector: GC ECD1A

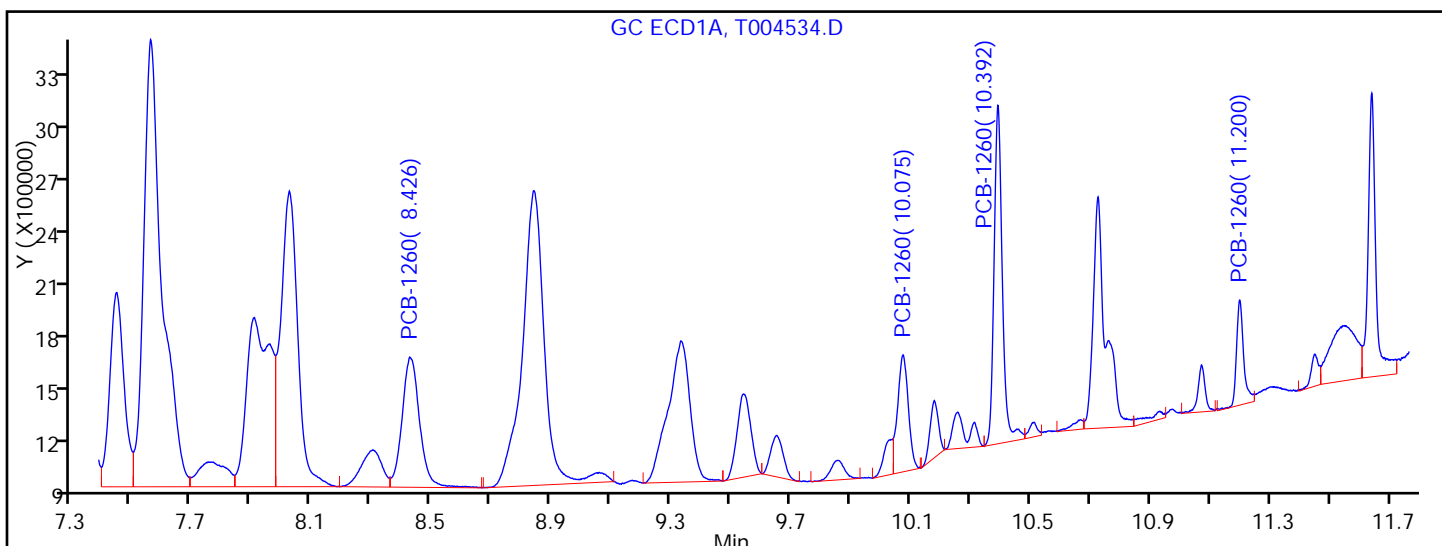
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.907	Response = 5174178
RT = 8.426	Response = 2948201
RT = 10.075	Response = 2027873
RT = 10.392	Response = 3601408
RT = 11.200	Response = 974561

M



Manual Integration Results

RT = 0.000	Response = 0
RT = 8.426	Response = 2948201
RT = 10.075	Response = 1607759
RT = 10.392	Response = 3601408
RT = 11.200	Response = 974561

M

Reviewer: patelji, 12-Mar-2014 15:46:49

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: T004534.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:05
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 14:29
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 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	720	J	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 D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004534.D
 Lims ID: 460-72180-F-14-B Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:29:50 ALS Bottle#: 20 Worklist Smp#: 78
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-078
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 15:46:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.059	3.065	-0.006	8811687	1308.8	
1	3.786	3.792	-0.006	23820463	1788.1	
1	4.623	4.627	-0.004	59324791	2300.4	M
1	4.872	4.876	-0.004	23925920	2305.3	M
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1925.7	
2	2.031	2.035	-0.004	29835858	1087.1	
2	2.466	2.472	-0.006	76573786	1481.0	M
2	3.057	3.065	-0.008	188925461	1760.1	M
2	3.248	3.257	-0.009	79604989	1844.3	M
2	3.946	3.954	-0.008	87404655	2029.5	M
Average of Peak Amounts =					1640.4	
					RPD = 16.00	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.426	8.423	0.003	2948201	116.6	
1	10.075	10.075	0.0	1607759	84.1	M
1	10.392	10.391	0.001	3601408	86.4	
1	11.200	11.198	0.002	974561	90.0	
Average of Peak Amounts =					94.3	
2	5.970	5.972	-0.002	8653757	126.2	M
2	7.486	7.486	0.0	7013049	99.7	M
2	8.117	8.121	-0.004	11969138	78.7	
2	8.754	8.760	-0.006	7133542	88.9	
2	10.055	10.058	-0.003	3119784	82.3	
Average of Peak Amounts =					95.1	
					RPD = 0.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

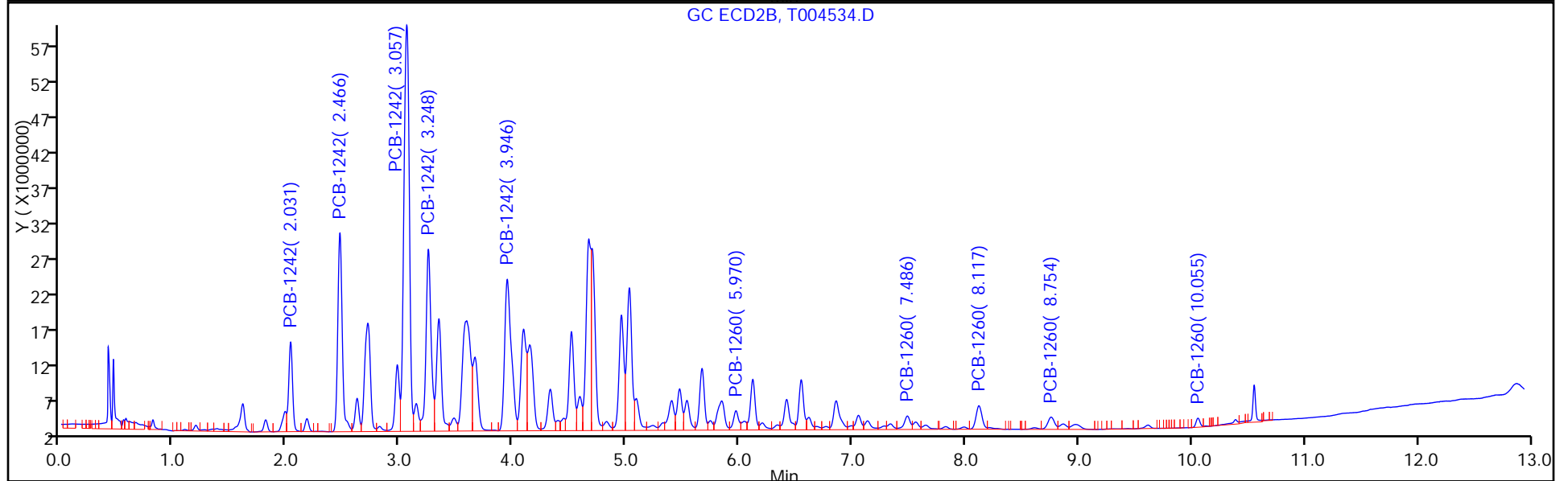
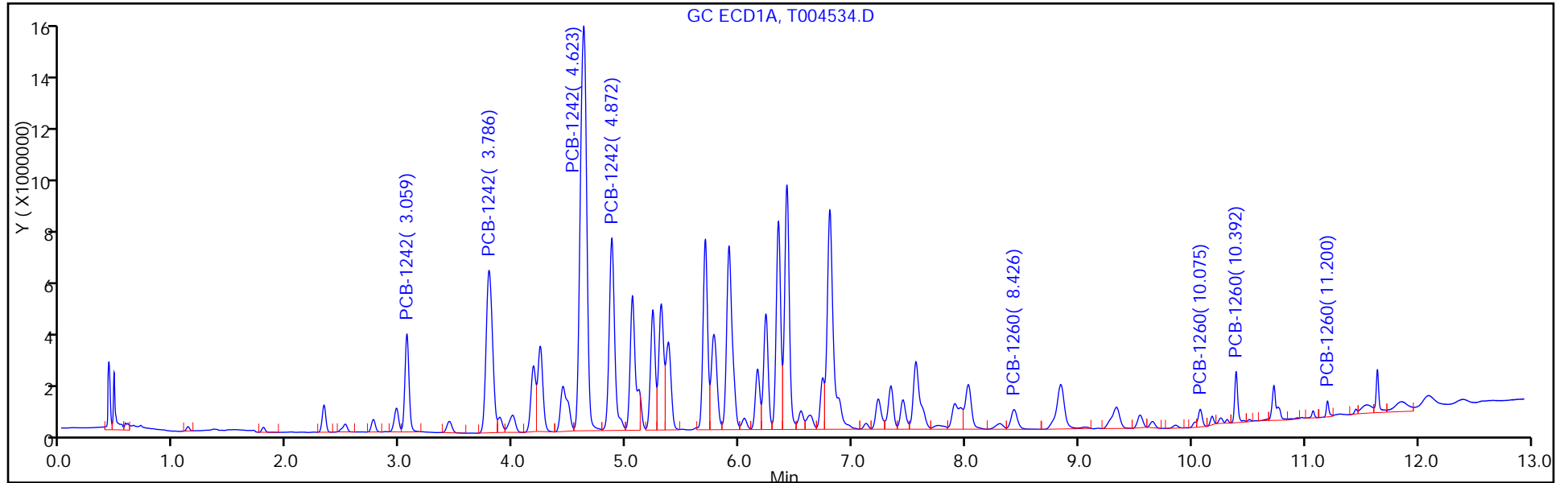
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004534.D
 Injection Date: 12-Mar-2014 14:29:50 Instrument ID: CPESTGC11
 Lims ID: 460-72180-F-14-B Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Method: 8082GC11 Limit Group: GC 8082 PCB

Operator ID:
 Worklist Smp#: 78
 ALS Bottle#: 20



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004534.D

Injection Date: 12-Mar-2014 14:29:50

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-14-B

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 20

Worklist Smp#: 78

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

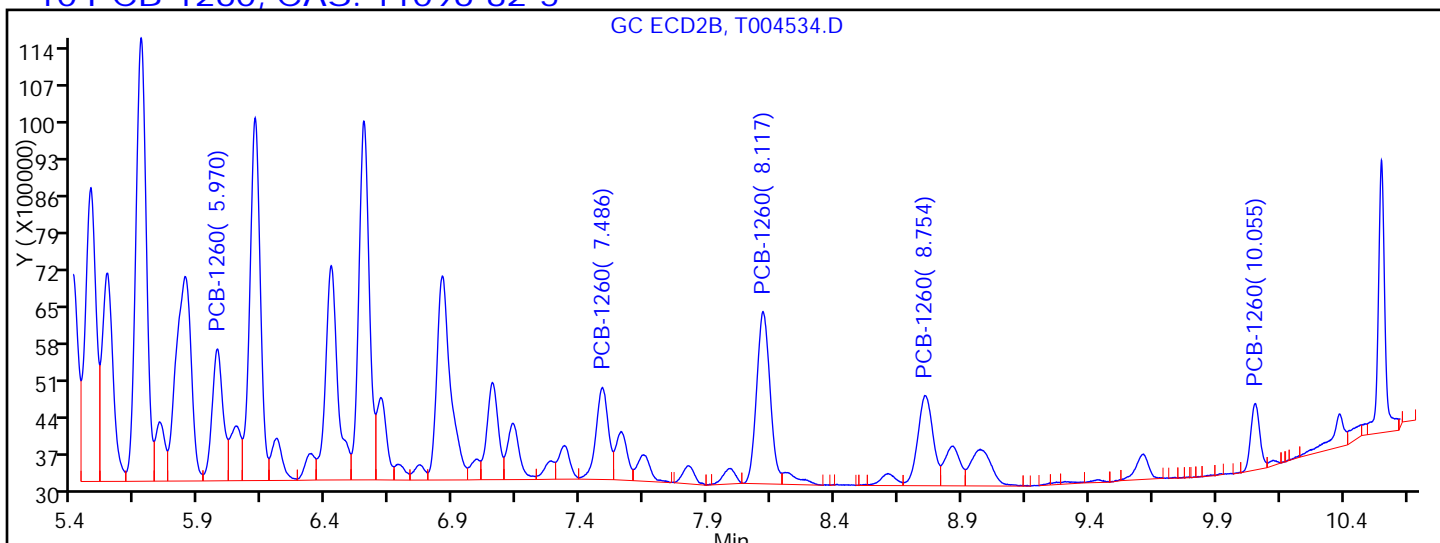
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

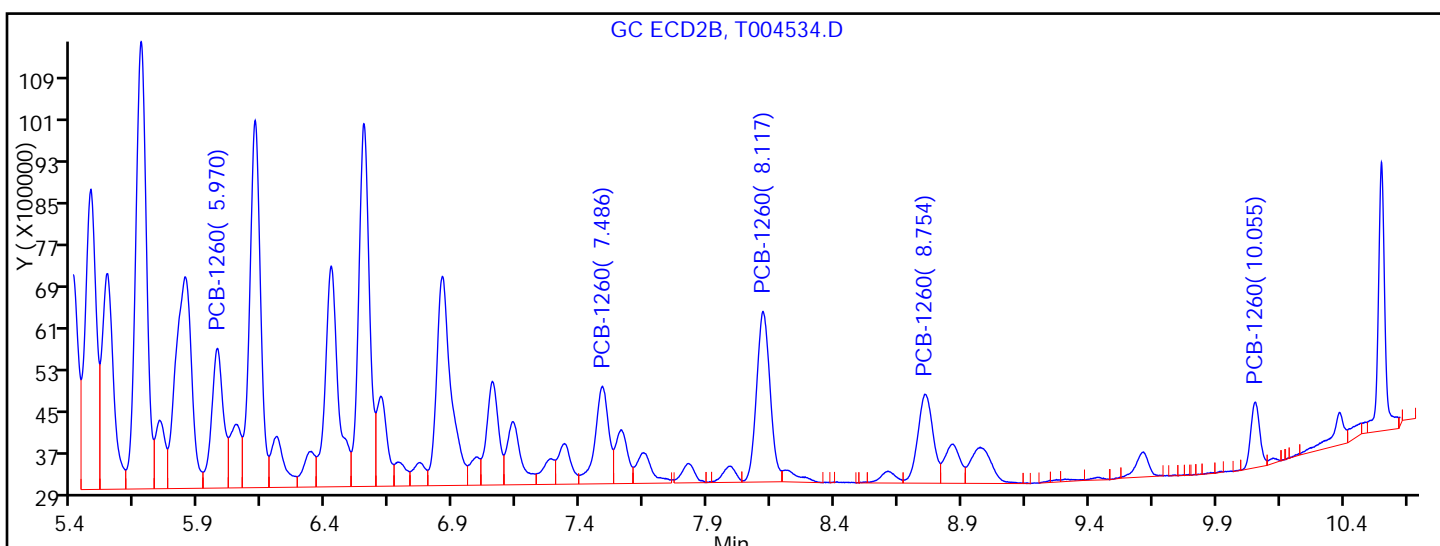
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.970	Response = 7538276	M
RT = 7.486	Response = 5923092	M
RT = 8.117	Response = 11969138	
RT = 8.754	Response = 7133542	
RT = 10.055	Response = 3119784	



Manual Integration Results

RT = 5.970	Response = 8653757	M
RT = 7.486	Response = 7013049	M
RT = 8.117	Response = 11969138	
RT = 8.754	Response = 7133542	
RT = 10.055	Response = 3119784	

Reviewer: patelji, 12-Mar-2014 15:46:49

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: T004535.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:10
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:48
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	110		79	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004535.D
 Lims ID: 460-72180-F-15-B Lab Sample ID: 460-72180-15
 Client ID: PMP-19SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:48:50 ALS Bottle#: 21 Worklist Smp#: 79
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-079
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 16:06:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.058	3.065	-0.007	784672	116.5	M
1	3.785	3.792	-0.007	1494215	112.2	M
1	0.0	4.627	-4.627	0	0	
1	4.869	4.876	-0.007	2001448	192.8	M
1	6.420	6.424	-0.004	1567263	165.9	M
Average of Peak Amounts =					146.9	
2	2.035	2.035	0.0	3718984	135.5	M
2	2.463	2.472	-0.009	5099226	98.6	
2	0.0	3.065	-3.065	0	0	
2	3.248	3.257	-0.009	6048917	140.1	
2	3.949	3.954	-0.005	5057775	117.4	
Average of Peak Amounts =					122.9	
					RPD = 17.74	

\$ 5 DCB Decachlorobiphenyl

1	11.643	11.636	0.007	19628989	61.0	
2	10.552	10.555	-0.003	68483623	56.2	
					RPD = 8.28	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004535.D

Injection Date: 12-Mar-2014 14:48:50

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-15-B

Lab Sample ID: 460-72180-15

Worklist Smp#: 79

Client ID: PMP-19SW-SI

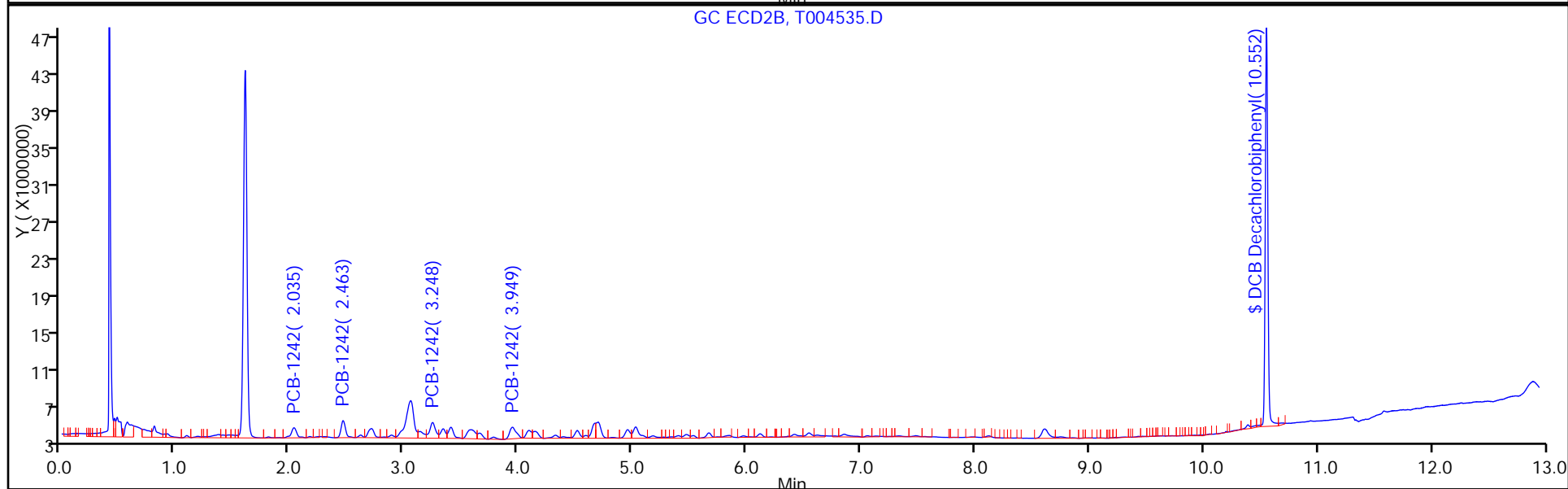
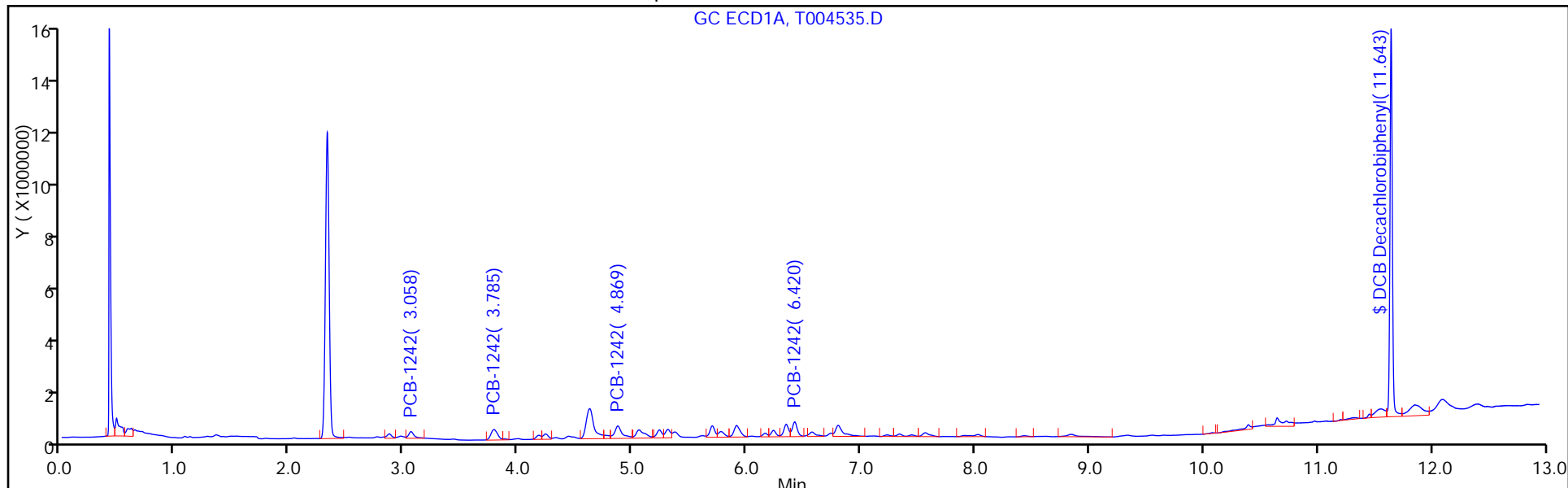
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: T004535.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:10
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 14:48
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212157 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	79	18
11104-28-2	Aroclor 1221	18	U	79	18
11141-16-5	Aroclor 1232	18	U	79	18
12672-29-6	Aroclor 1248	18	U	79	18
11097-69-1	Aroclor 1254	22	U	79	22
11096-82-5	Aroclor 1260	22	U	79	22
37324-23-5	Aroclor 1262	22	U	79	22
11100-14-4	Aroclor 1268	22	U	79	22

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\20140312-10737.b\T004535.D
 Lims ID: 460-72180-F-15-B Lab Sample ID: 460-72180-15
 Client ID: PMP-19SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 14:48:50 ALS Bottle#: 21 Worklist Smp#: 79
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-079
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 16:47:03 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 16:06:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242

1	3.058	3.065	-0.007	784672	116.5	M
1	3.785	3.792	-0.007	1494215	112.2	M
1	0.0	4.627	-4.627	0	0	
1	4.869	4.876	-0.007	2001448	192.8	M
1	6.420	6.424	-0.004	1567263	165.9	M
Average of Peak Amounts =					146.9	
2	2.035	2.035	0.0	3718984	135.5	M
2	2.463	2.472	-0.009	5099226	98.6	
2	0.0	3.065	-3.065	0	0	
2	3.248	3.257	-0.009	6048917	140.1	
2	3.949	3.954	-0.005	5057775	117.4	
Average of Peak Amounts =					122.9	
					RPD = 17.74	

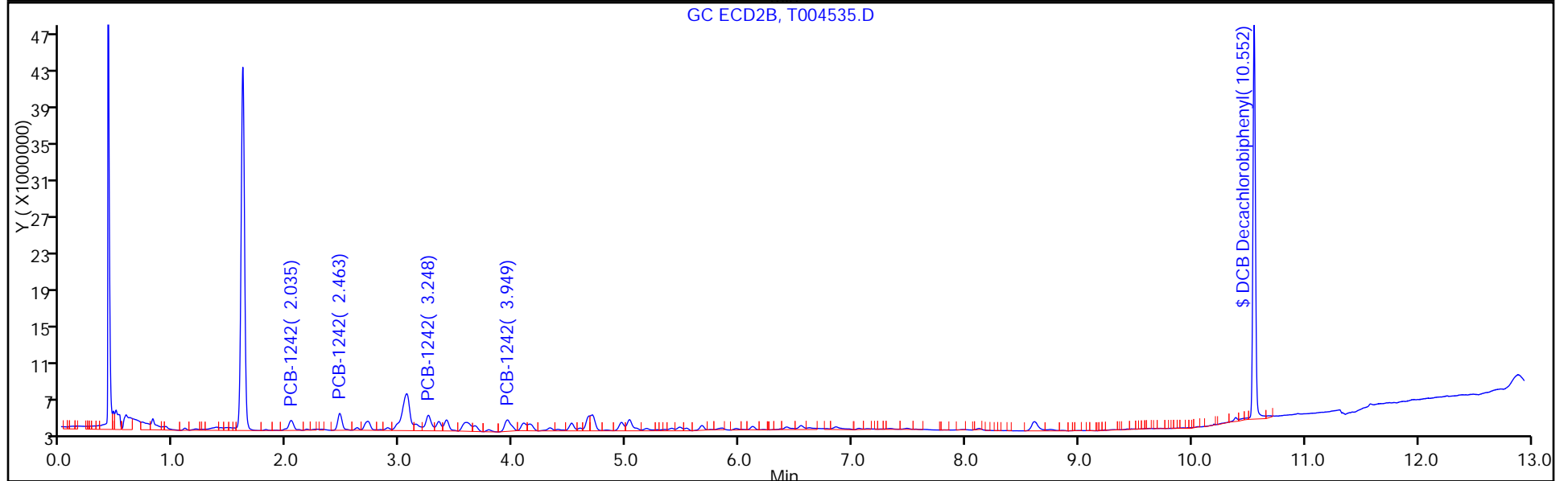
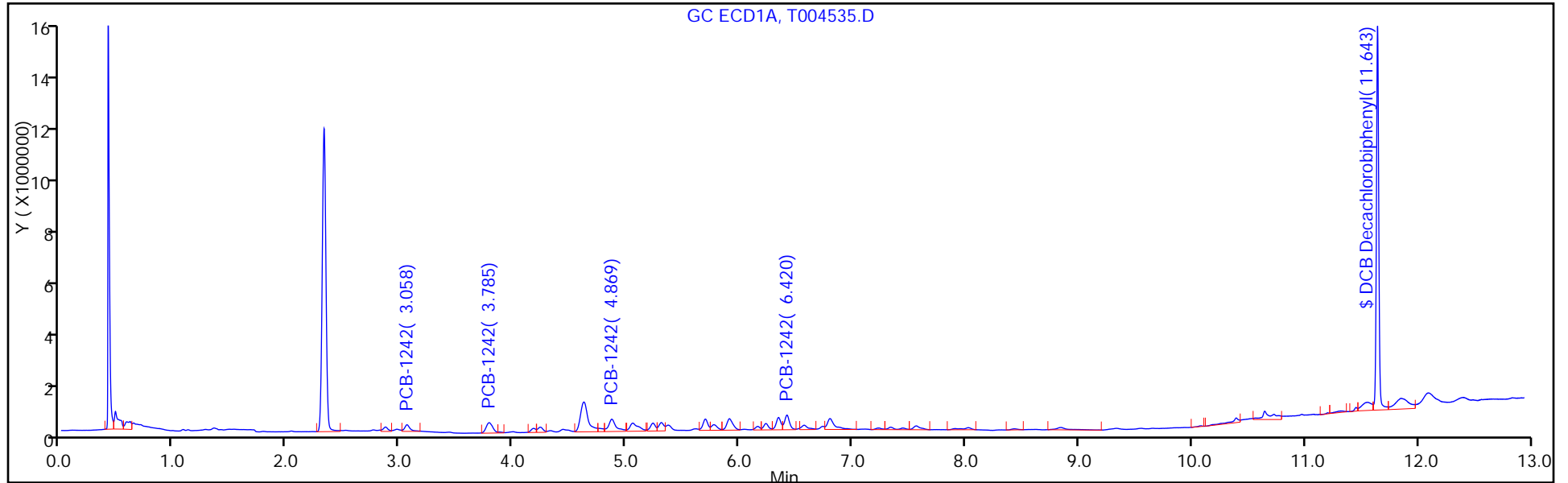
\$ 5 DCB Decachlorobiphenyl

1	11.643	11.636	0.007	19628989	61.0	
2	10.552	10.555	-0.003	68483623	56.2	
					RPD = 8.28	

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CPESTGC11\20140312-10737.b\T004535.D
Injection Date: 12-Mar-2014 14:48:50 Instrument ID: CPESTGC11
Lims ID: 460-72180-F-15-B Lab Sample ID: 460-72180-15
Client ID: PMP-19SW-SI
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 79
ALS Bottle#: 21



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: OR214403.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:20
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 05:10
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

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\20140312-10736.b\OR214403.D
 Lims ID: 460-72180-F-16-B Lab Sample ID: 460-72180-16
 Client ID: PMP-26SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 05:10:30 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-022
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:24:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

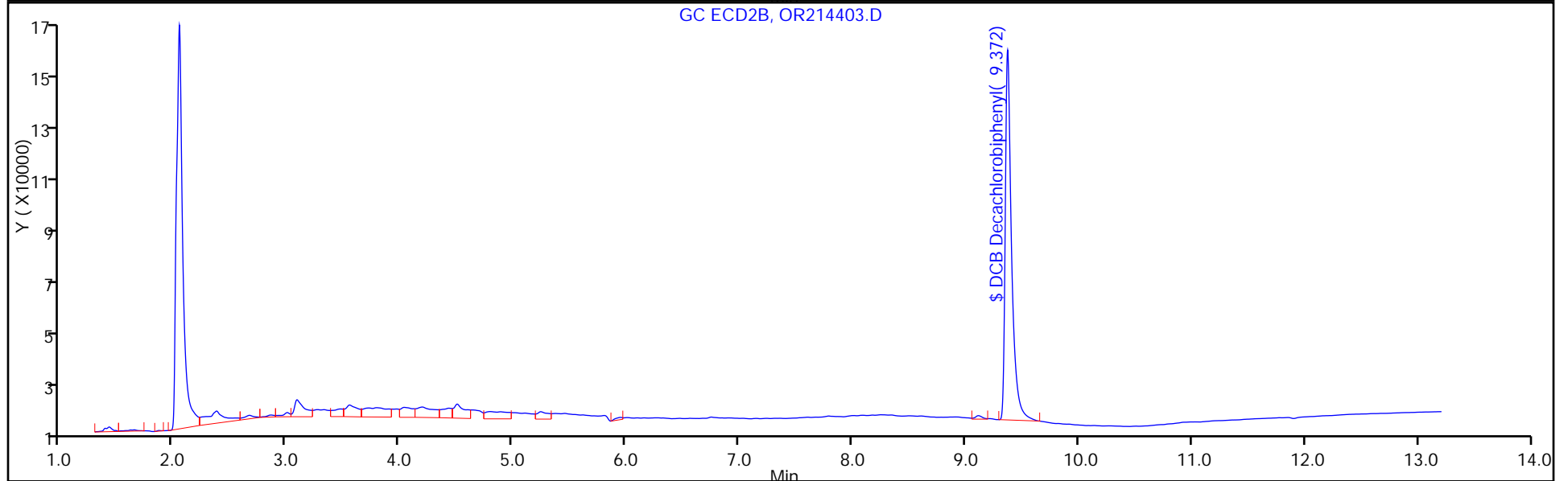
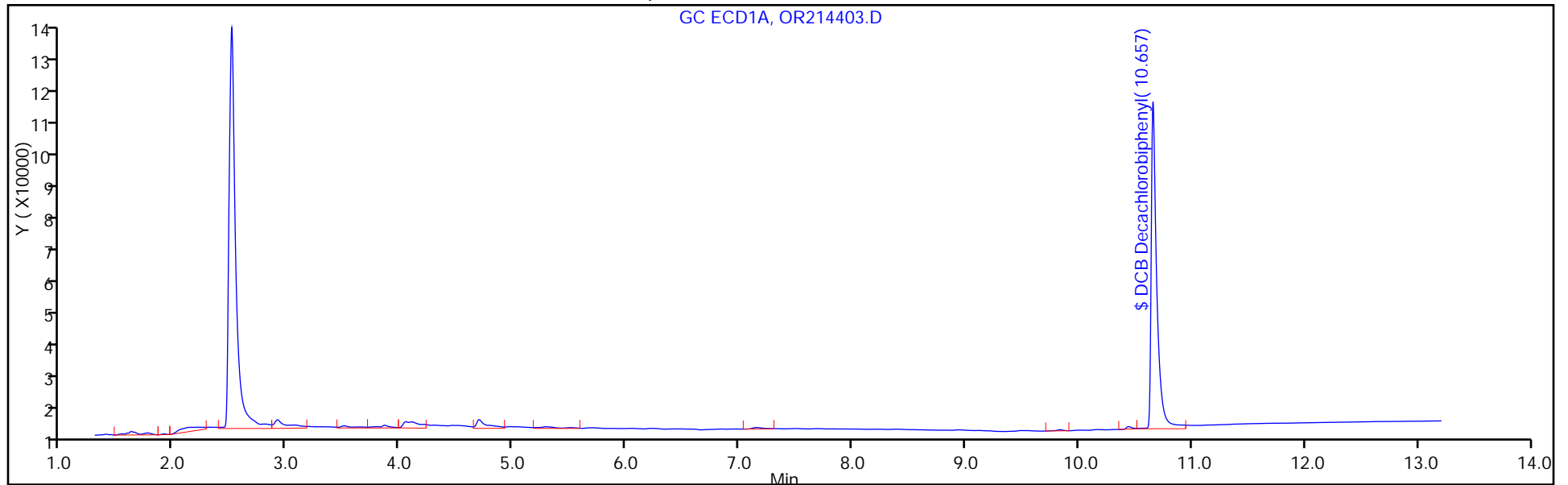
1	10.657	10.655	0.002	329593	61.6
2	9.372	9.387	-0.015	521354	62.5

RPD = 1.50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214403.D
Injection Date: 12-Mar-2014 05:10:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-F-16-B Lab Sample ID: 460-72180-16
Client ID: PMP-26SW-VD
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 22
ALS Bottle#: 22



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: OR214403.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:20
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 05:10
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	16	U	72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	20	U	72	20
11096-82-5	Aroclor 1260	20	U	72	20
37324-23-5	Aroclor 1262	20	U	72	20
11100-14-4	Aroclor 1268	20	U	72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214403.D
 Lims ID: 460-72180-F-16-B Lab Sample ID: 460-72180-16
 Client ID: PMP-26SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 05:10:30 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-022
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:24:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	10.657	10.655	0.002	329593	61.6	
2	9.372	9.387	-0.015	521354	62.5	

RPD = 1.50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214403.D

Injection Date: 12-Mar-2014 05:10:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-16-B

Lab Sample ID: 460-72180-16

Worklist Smp#: 22

Client ID: PMP-26SW-VD

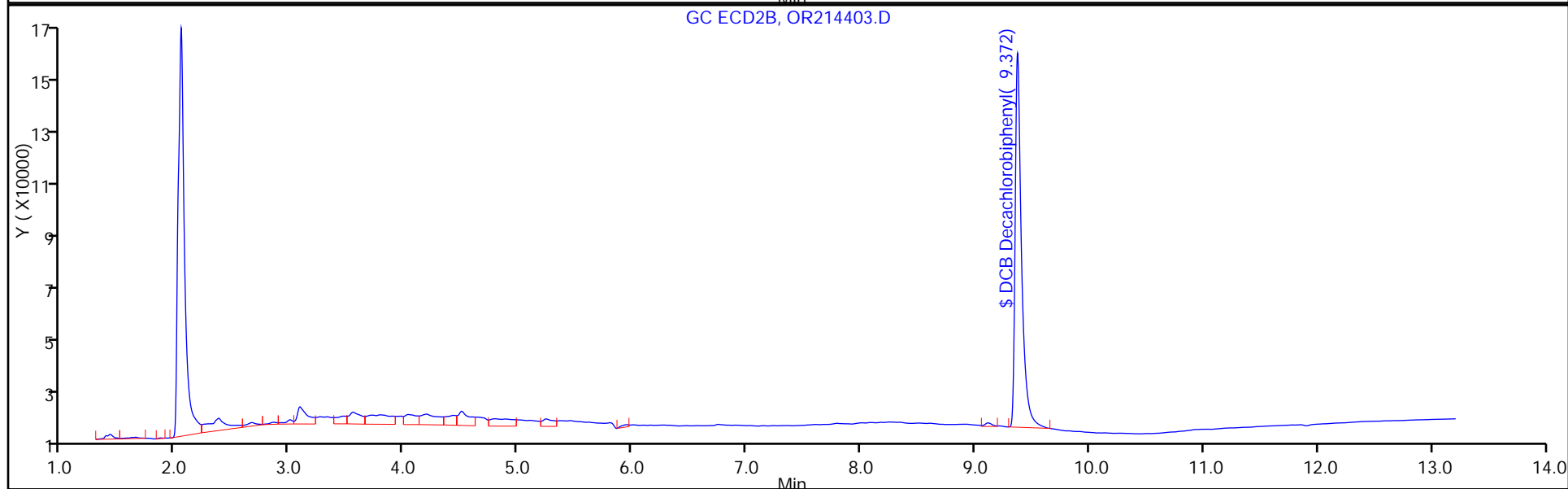
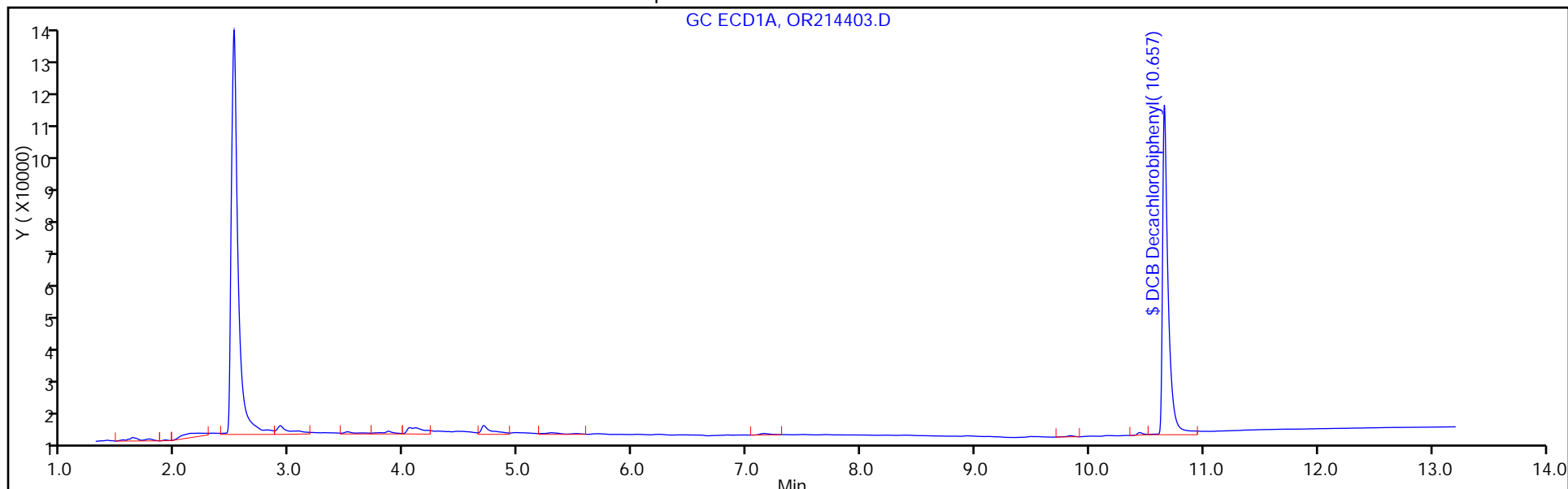
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: OR214532.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:25
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.04(g) Date Analyzed: 03/14/2014 09:55
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	10000		780	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\OR214532.D
 Lims ID: 460-72180-E-17-B Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 09:55:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010870-009
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 14-Mar-2014 14:53:19 Calib Date: 13-Mar-2014 17:55:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140313-10826.b\OR214478.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK025

First Level Reviewer: patelji Date: 14-Mar-2014 11:27:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
3 PCB-1248						
1	3.630	3.628	0.002	301344	2067.2	M
1	4.182	4.182	0.0	651514	1818.4	M
1	4.605	4.608	-0.003	136634	754.3	M
1	5.443	5.447	-0.004	236849	967.0	M
1	5.503	5.505	-0.002	379040	977.8	M
Average of Peak Amounts =					1317.0	
2	2.677	2.673	0.004	356572	1729.9	
2	3.135	3.133	0.002	887998	1651.7	M
2	3.725	3.728	-0.003	417571	945.7	M
2	4.227	4.228	-0.001	778144	926.9	M
2	4.458	4.463	-0.005	464667	812.1	M
Average of Peak Amounts =					1213.3	
					RPD = 8.20	

QC Flag Legend

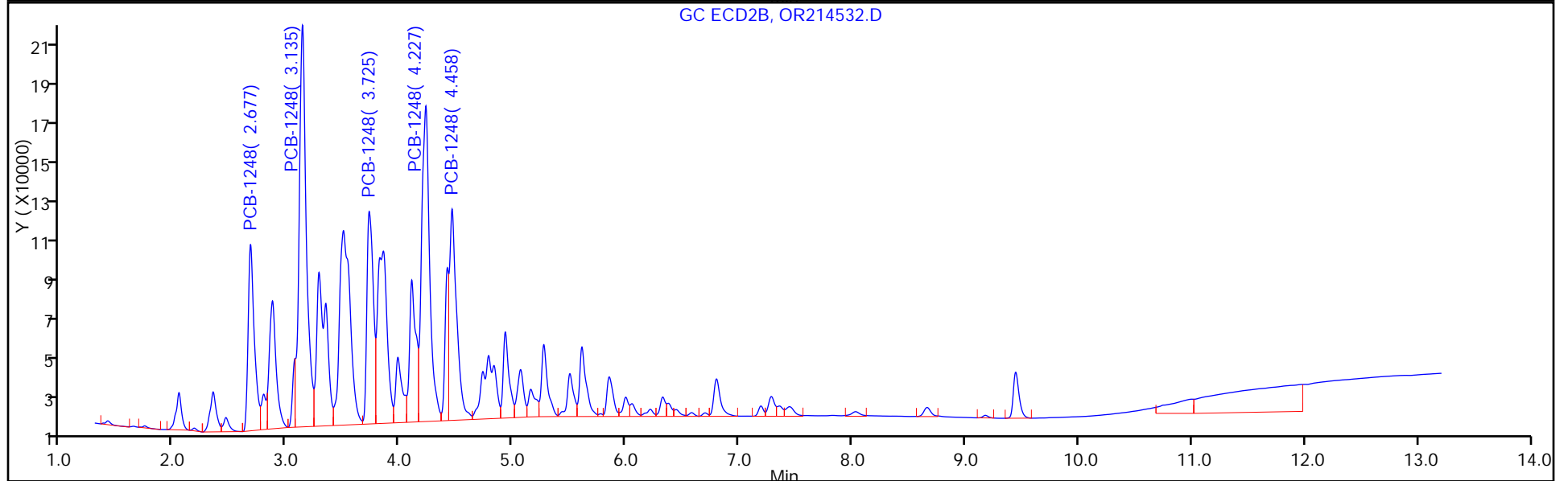
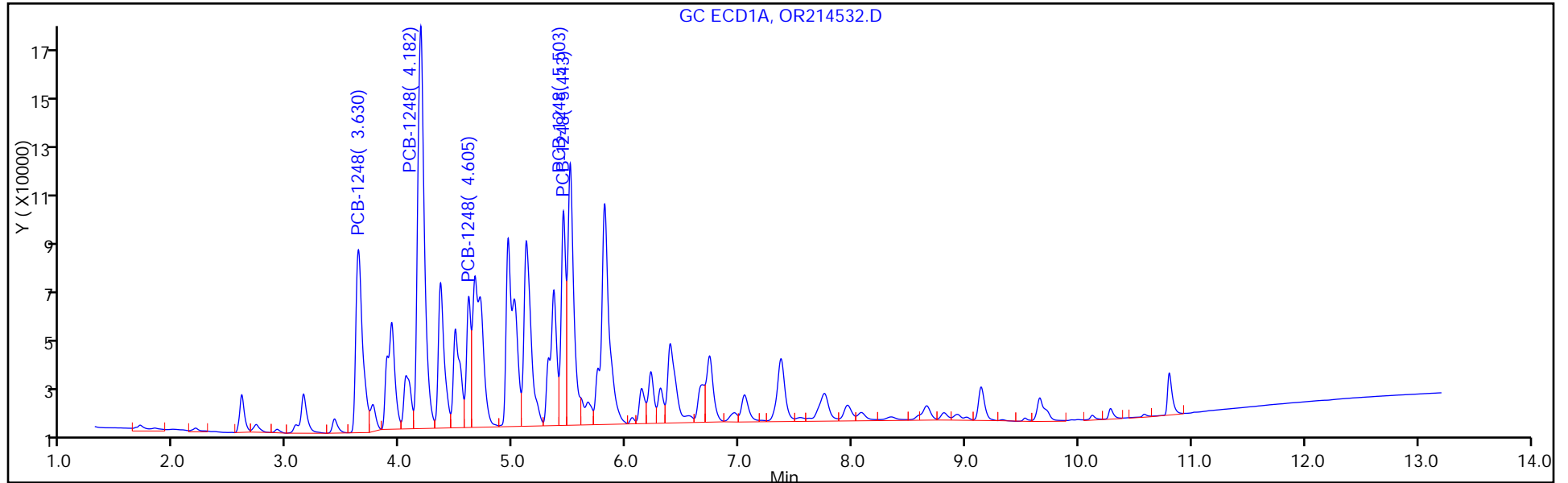
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\OR214532.D
Injection Date: 14-Mar-2014 09:55:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-E-17-B Lab Sample ID: 460-72180-17
Client ID: PMP-26SW-WT
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 9
ALS Bottle#: 9



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\OR214532.D

Injection Date: 14-Mar-2014 09:55:30

Instrument ID: CPESTGC7

Lims ID: 460-72180-E-17-B

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

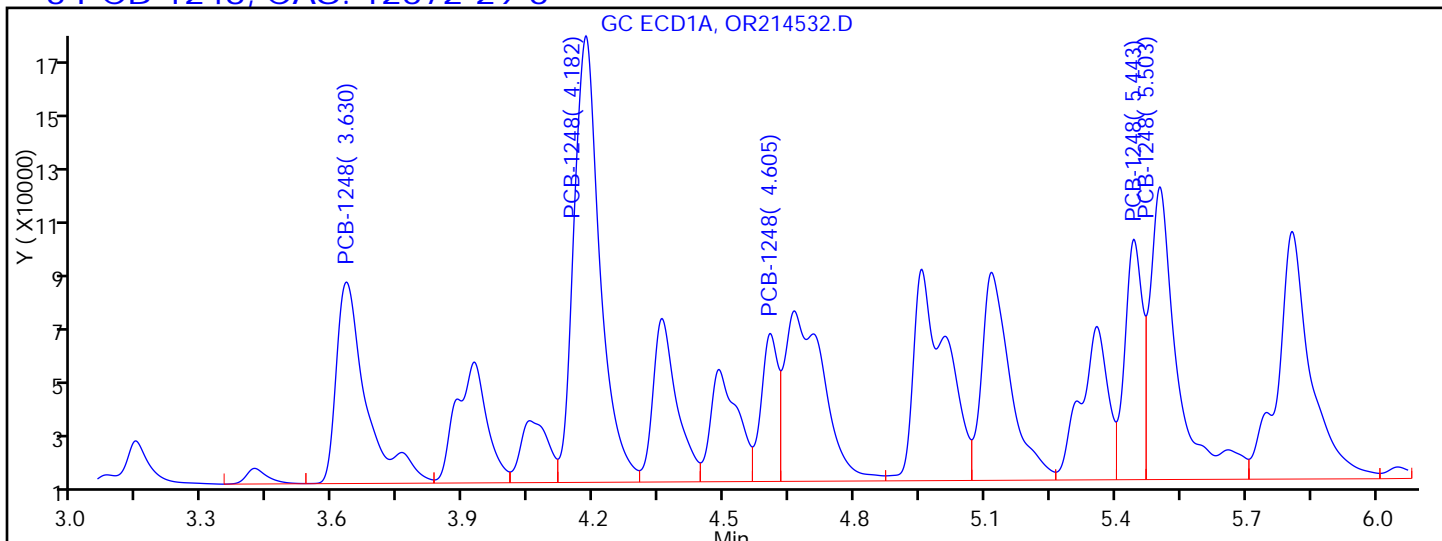
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

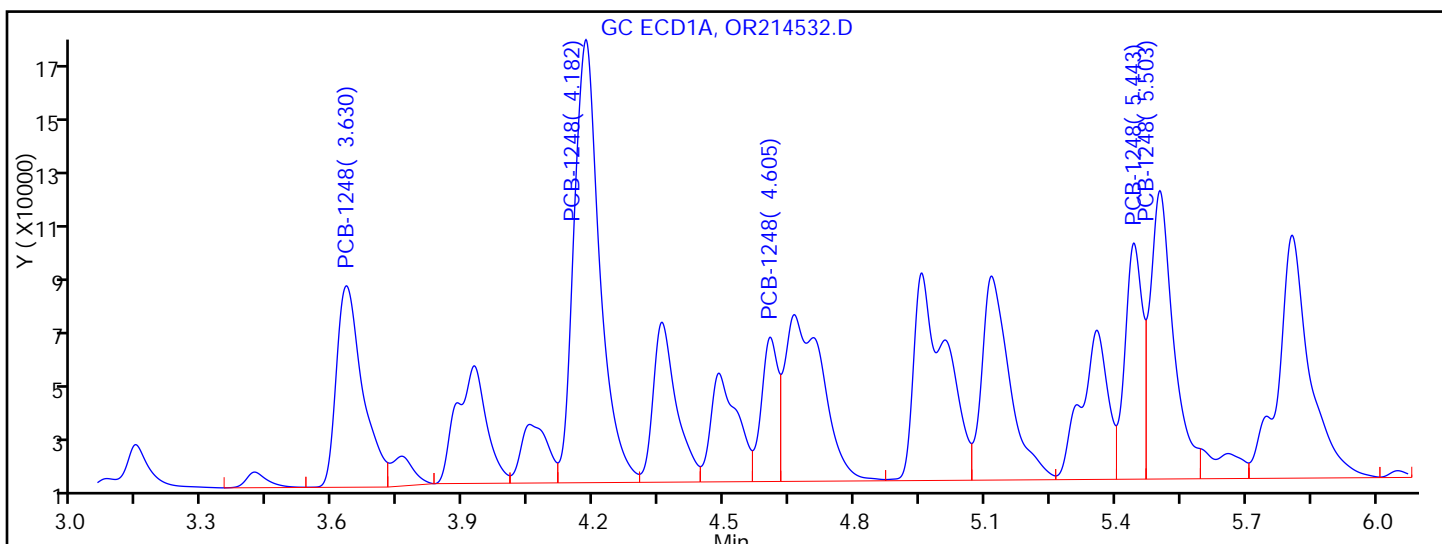
Detector: GC ECD1A

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.630	Response = 342438	M
RT = 4.182	Response = 665136	M
RT = 4.605	Response = 141673	M
RT = 5.443	Response = 242919	M
RT = 5.503	Response = 453657	M



Manual Integration Results

RT = 3.630	Response = 301344	M
RT = 4.182	Response = 651514	M
RT = 4.605	Response = 136634	M
RT = 5.443	Response = 236849	M
RT = 5.503	Response = 379040	M

Reviewer: patelji, 14-Mar-2014 11:27:02

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: OR214532.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:25
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.04(g) Date Analyzed: 03/14/2014 09:55
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212602 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	170	U	780	170
11104-28-2	Aroclor 1221	170	U	780	170
11141-16-5	Aroclor 1232	170	U	780	170
53469-21-9	Aroclor 1242	170	U	780	170
11097-69-1	Aroclor 1254	220	U	780	220
11096-82-5	Aroclor 1260	220	U	780	220
37324-23-5	Aroclor 1262	220	U	780	220
11100-14-4	Aroclor 1268	220	U	780	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\OR214532.D
 Lims ID: 460-72180-E-17-B Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 09:55:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010870-009
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 14-Mar-2014 14:53:19 Calib Date: 13-Mar-2014 17:55:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CPESTGC7\20140313-10826.b\OR214478.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK025

First Level Reviewer: patelji Date: 14-Mar-2014 11:27:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248						M
1	3.630	3.628	0.002	301344	2067.2	M
1	4.182	4.182	0.0	651514	1818.4	M
1	4.605	4.608	-0.003	136634	754.3	M
1	5.443	5.447	-0.004	236849	967.0	M
1	5.503	5.505	-0.002	379040	977.8	M
Average of Peak Amounts =					1317.0	
2	2.677	2.673	0.004	356572	1729.9	
2	3.135	3.133	0.002	887998	1651.7	M
2	3.725	3.728	-0.003	417571	945.7	M
2	4.227	4.228	-0.001	778144	926.9	M
2	4.458	4.463	-0.005	464667	812.1	M
Average of Peak Amounts =					1213.3	
RPD = 8.20						

QC Flag Legend

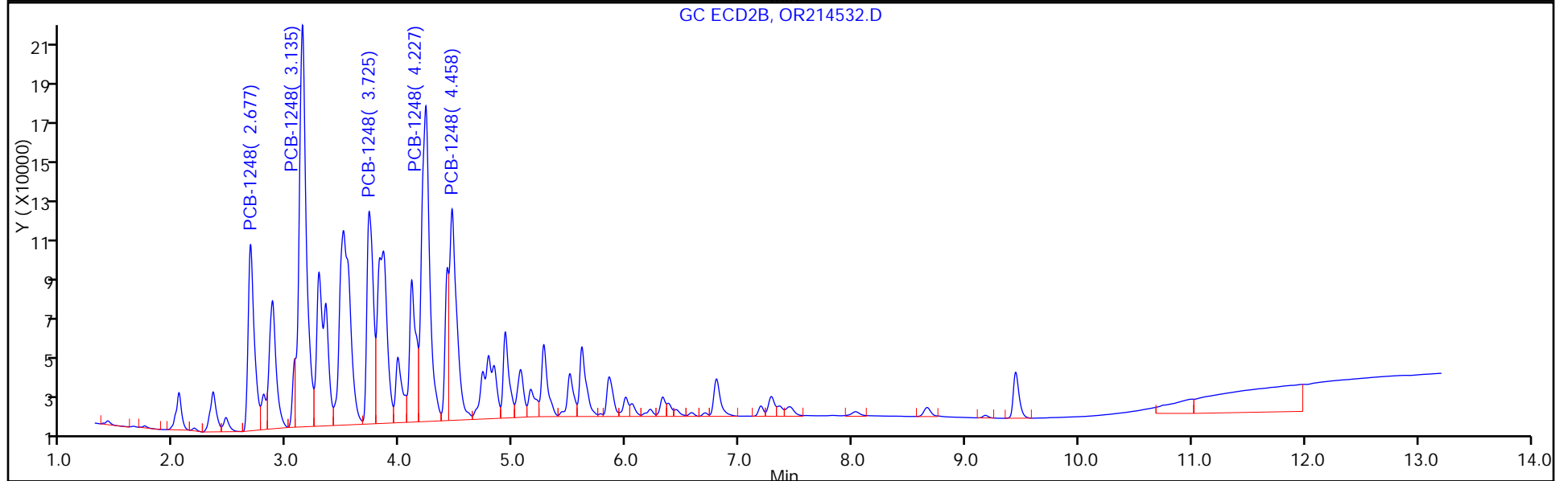
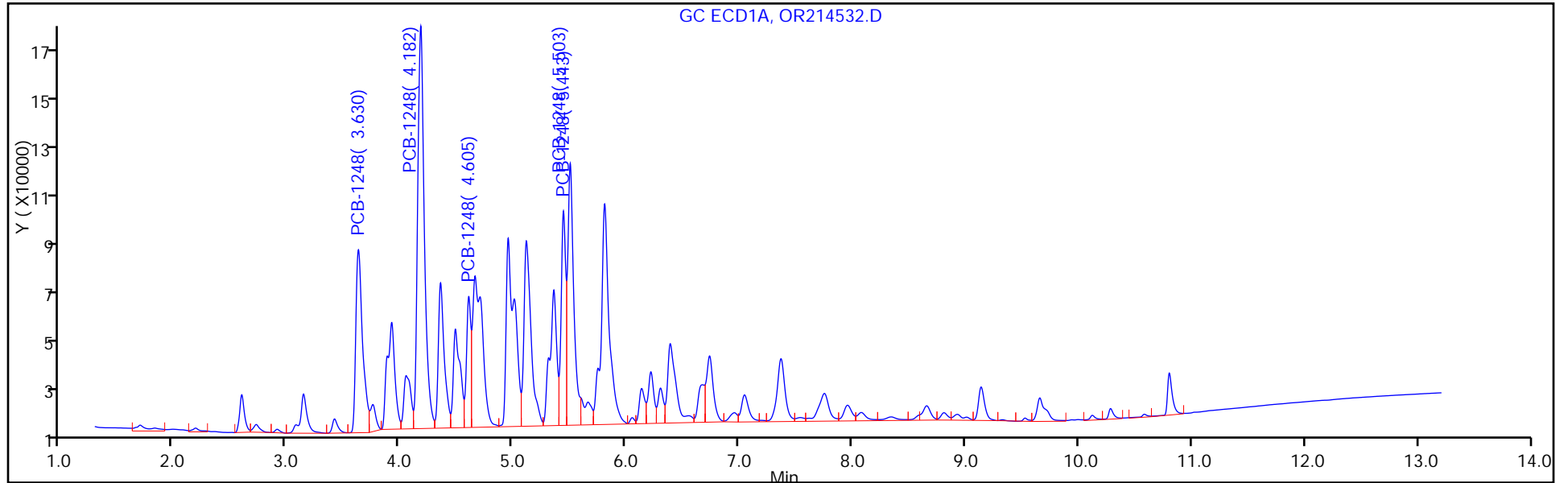
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\OR214532.D
Injection Date: 14-Mar-2014 09:55:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-E-17-B Lab Sample ID: 460-72180-17
Client ID: PMP-26SW-WT
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 9
ALS Bottle#: 9



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140314-10870.b\OR214532.D

Injection Date: 14-Mar-2014 09:55:30

Instrument ID: CPESTGC7

Lims ID: 460-72180-E-17-B

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

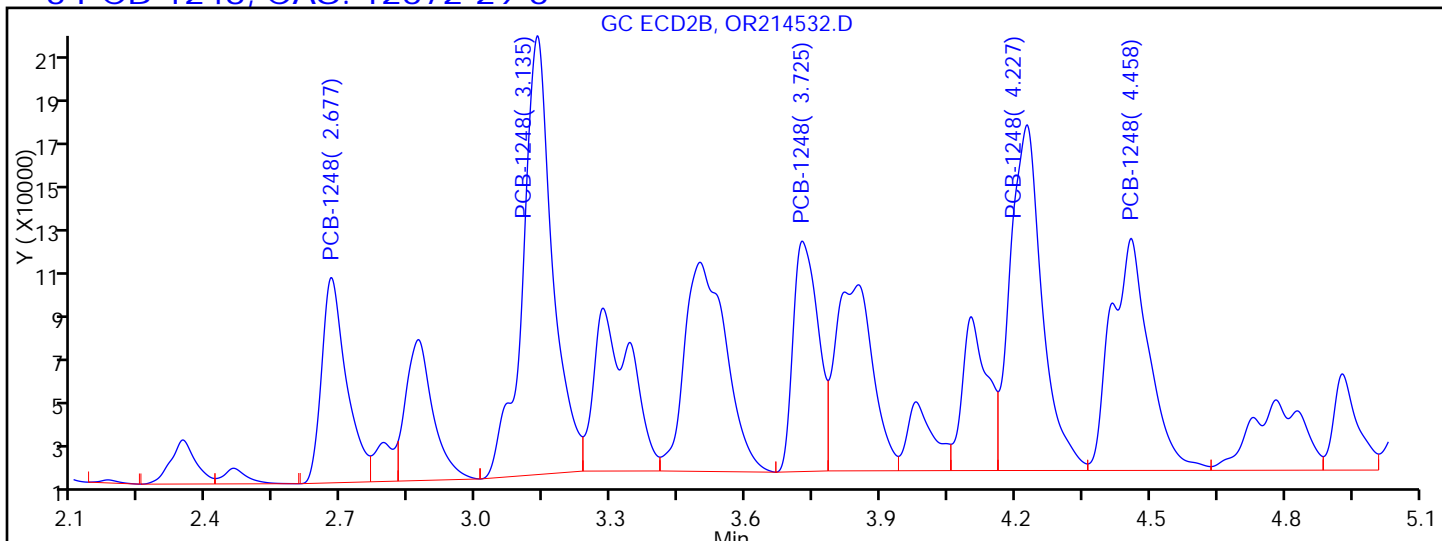
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

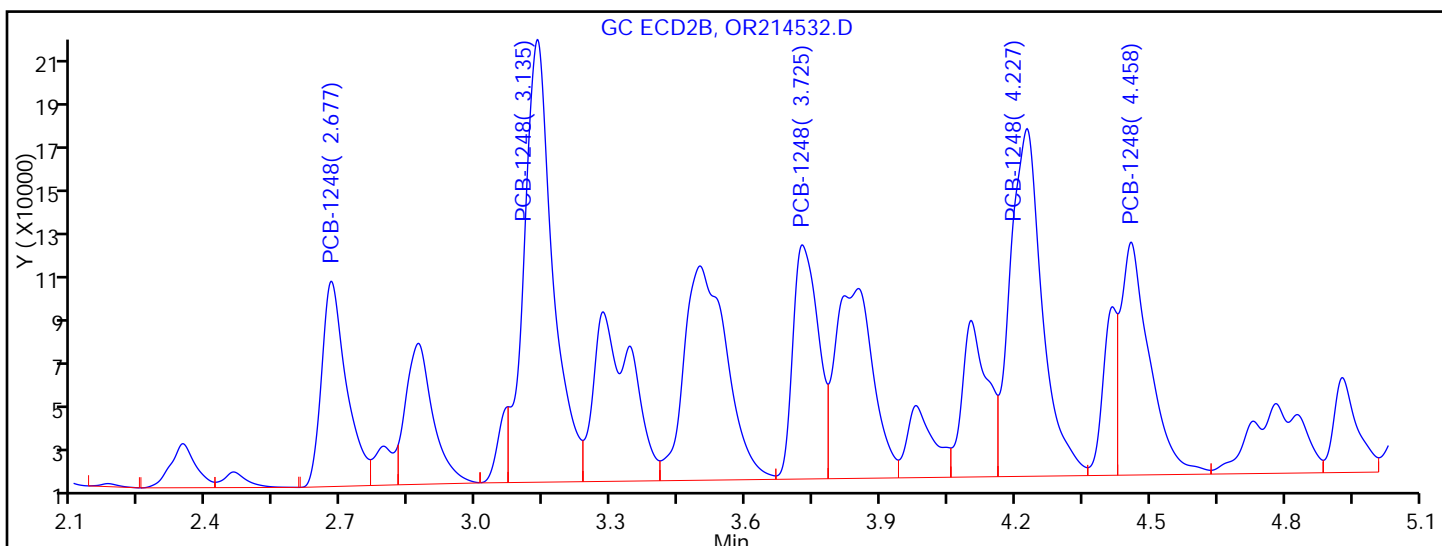
Detector: GC ECD2B

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.677	Response = 356572	
RT = 3.135	Response = 918203	M
RT = 3.725	Response = 405699	M
RT = 4.227	Response = 767740	M
RT = 4.458	Response = 621673	M



Manual Integration Results

RT = 2.677	Response = 356572	
RT = 3.135	Response = 887998	M
RT = 3.725	Response = 417571	M
RT = 4.227	Response = 778144	M
RT = 4.458	Response = 464667	M

Reviewer: patelji, 14-Mar-2014 11:27:02

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: OR214405.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 05:44
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

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\20140312-10736.b\OR214405.D
 Lims ID: 460-72180-E-18-B Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 05:44:30 ALS Bottle#: 24 Worklist Smp#: 24
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-024
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:26:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248						M
1	3.503	3.513	-0.010	107920	745.4	M
1	4.045	4.055	-0.010	187157	642.3	M
1	4.462	4.473	-0.011	46500	285.0	M
1	5.288	5.298	-0.010	43340	261.4	M
1	5.343	5.355	-0.012	102662	293.3	M
Average of Peak Amounts =					445.5	
2	2.663	2.673	-0.010	127013	701.2	M
2	3.115	3.128	-0.013	294316	648.5	M
2	3.700	3.712	-0.012	136017	362.1	M
2	4.195	4.207	-0.012	234395	342.8	M
2	4.427	4.440	-0.013	159336	301.3	M
Average of Peak Amounts =					471.2	
						RPD = 5.61

\$ 5 DCB Decachlorobiphenyl					
1	10.658	10.655	0.003	351046	65.6
2	9.372	9.387	-0.015	570907	68.5
RPD = 4.27					

QC Flag Legend

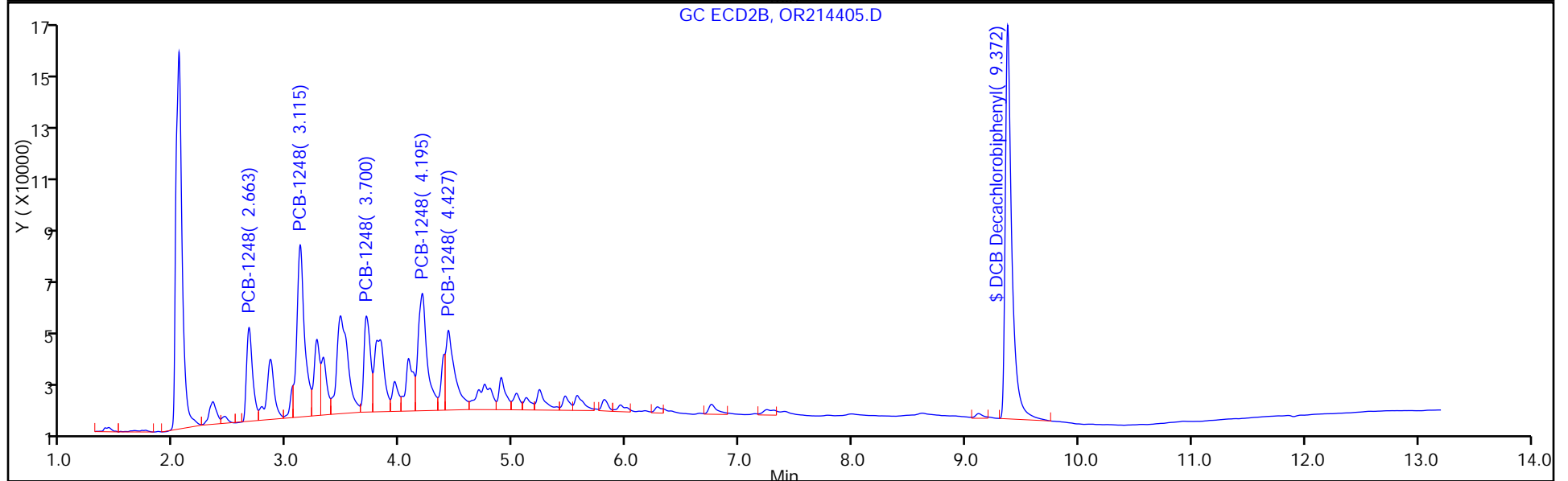
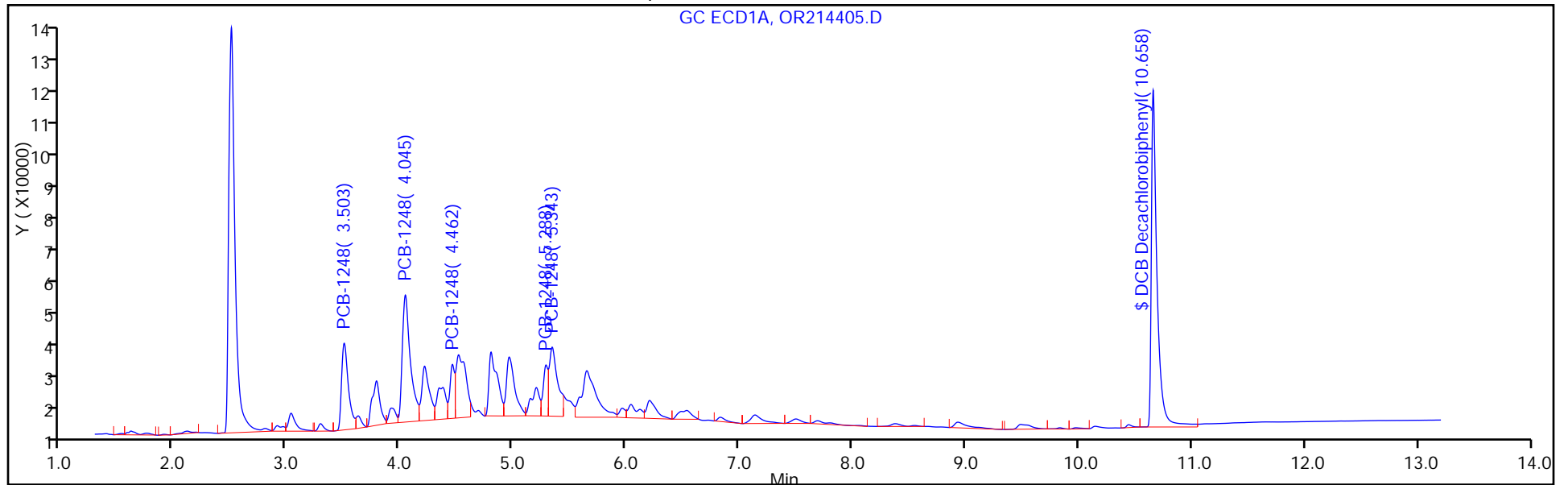
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214405.D
 Injection Date: 12-Mar-2014 05:44:30 Instrument ID: CPESTGC7
 Lims ID: 460-72180-E-18-B Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
 Worklist Smp#: 24
 ALS Bottle#: 24



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214405.D

Injection Date: 12-Mar-2014 05:44:30

Instrument ID: CPESTGC7

Lims ID: 460-72180-E-18-B

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

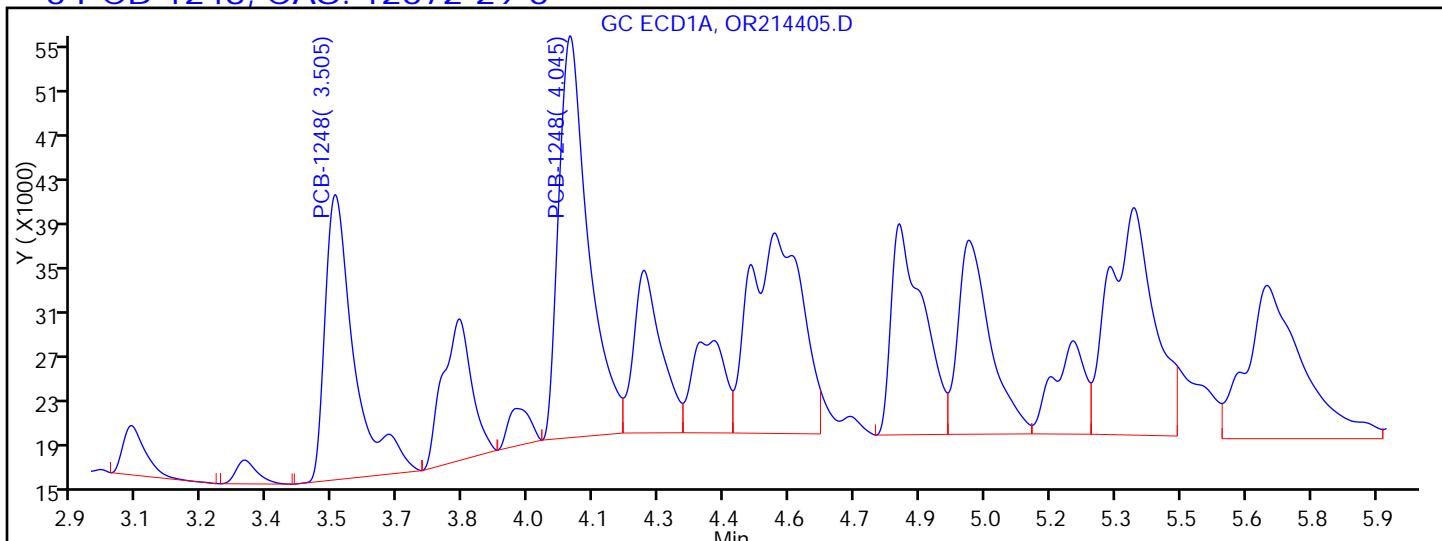
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

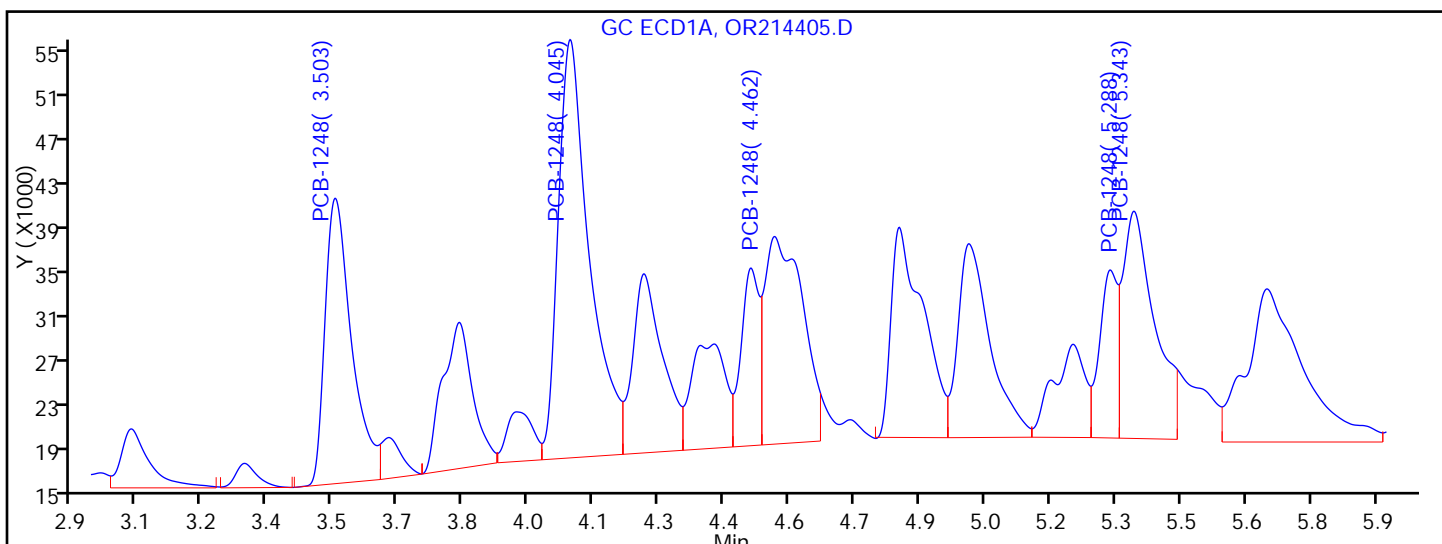
Detector: GC ECD1A

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.505	Response = 118844	M
RT = 4.045	Response = 170038	M
RT = 4.502	Response = 149866	M
RT = 5.323	Response = 146004	M
RT = 0.000	Response = 0	M



Manual Integration Results

RT = 3.503	Response = 107920	M
RT = 4.045	Response = 187157	M
RT = 4.462	Response = 46500	M
RT = 5.288	Response = 43340	M
RT = 5.343	Response = 102662	M

Reviewer: patelji, 12-Mar-2014 12:26:41

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: OR214405.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 05:44
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18	U	81	18
11104-28-2	Aroclor 1221	18	U	81	18
11141-16-5	Aroclor 1232	18	U	81	18
53469-21-9	Aroclor 1242	18	U	81	18
12672-29-6	Aroclor 1248	380		81	18
11097-69-1	Aroclor 1254	23	U	81	23
11096-82-5	Aroclor 1260	23	U	81	23
37324-23-5	Aroclor 1262	23	U	81	23
11100-14-4	Aroclor 1268	23	U	81	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	137		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214405.D
 Lims ID: 460-72180-E-18-B Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Sample Type: Client
 Inject. Date: 12-Mar-2014 05:44:30 ALS Bottle#: 24 Worklist Smp#: 24
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-024
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:26:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248						M
1	3.503	3.513	-0.010	107920	745.4	M
1	4.045	4.055	-0.010	187157	642.3	M
1	4.462	4.473	-0.011	46500	285.0	M
1	5.288	5.298	-0.010	43340	261.4	M
1	5.343	5.355	-0.012	102662	293.3	M
Average of Peak Amounts =					445.5	
2	2.663	2.673	-0.010	127013	701.2	M
2	3.115	3.128	-0.013	294316	648.5	M
2	3.700	3.712	-0.012	136017	362.1	M
2	4.195	4.207	-0.012	234395	342.8	M
2	4.427	4.440	-0.013	159336	301.3	M
Average of Peak Amounts =					471.2	
						RPD = 5.61

\$ 5 DCB Decachlorobiphenyl						
1	10.658	10.655	0.003	351046	65.6	
2	9.372	9.387	-0.015	570907	68.5	
						RPD = 4.27

QC Flag Legend

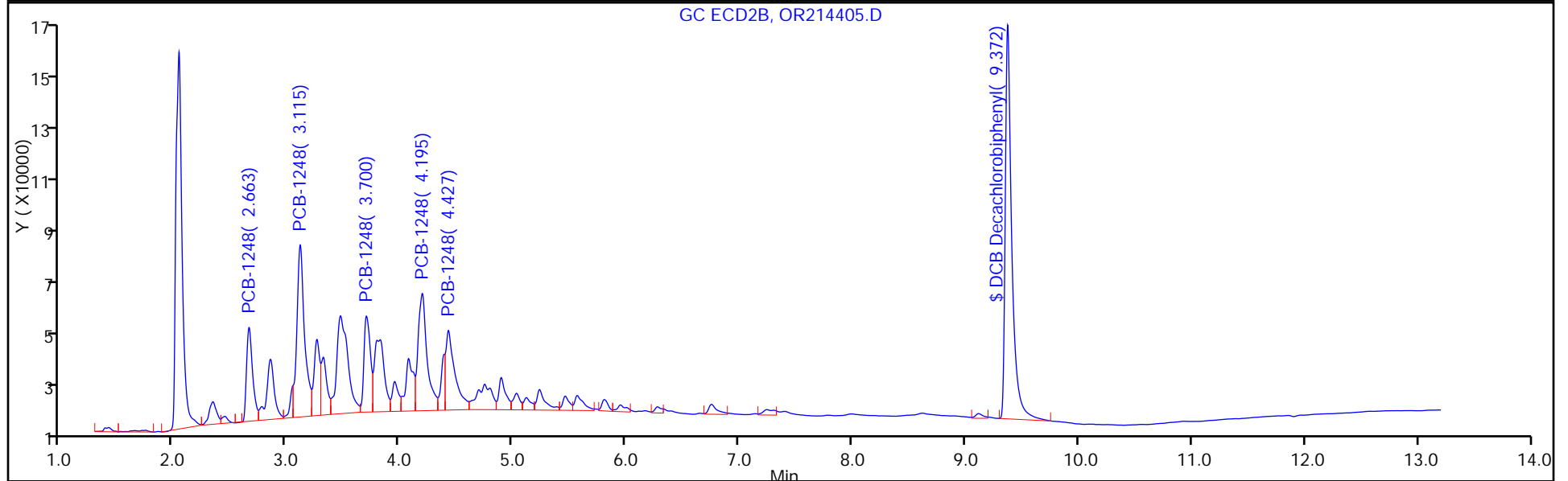
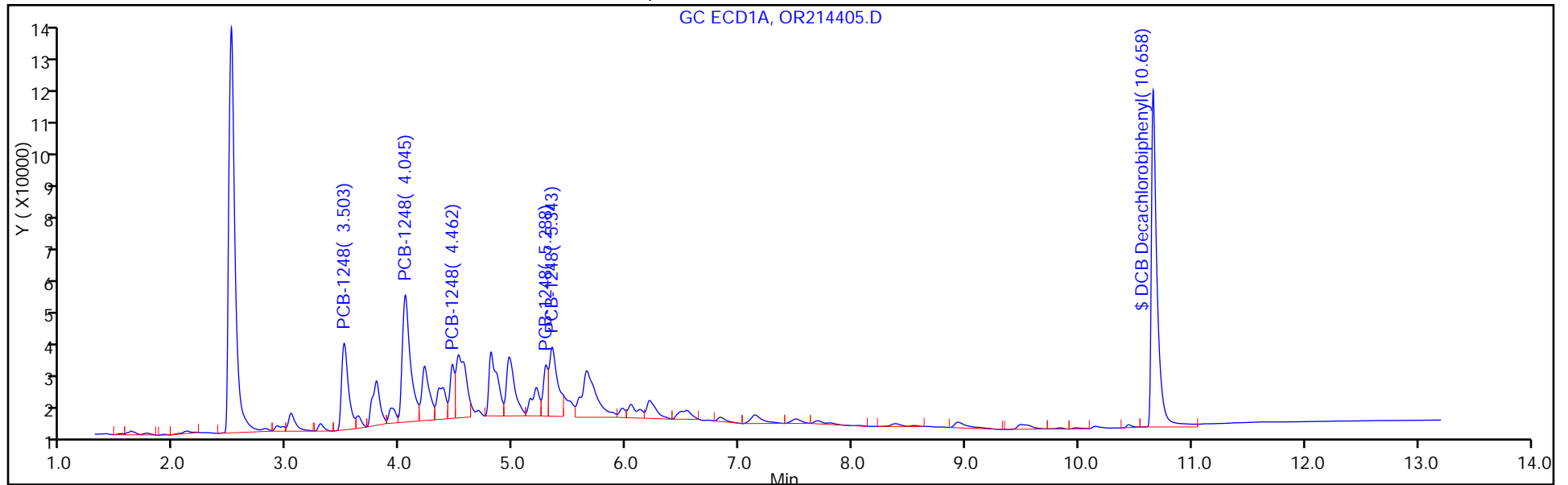
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214405.D
Injection Date: 12-Mar-2014 05:44:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-E-18-B Lab Sample ID: 460-72180-18
Client ID: PMP-26SW-SI
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC7 Limit Group: GC 8082 PCB

Operator ID:
Worklist Smp#: 24
ALS Bottle#: 24



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214405.D

Injection Date: 12-Mar-2014 05:44:30

Instrument ID: CPESTGC7

Lims ID: 460-72180-E-18-B

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

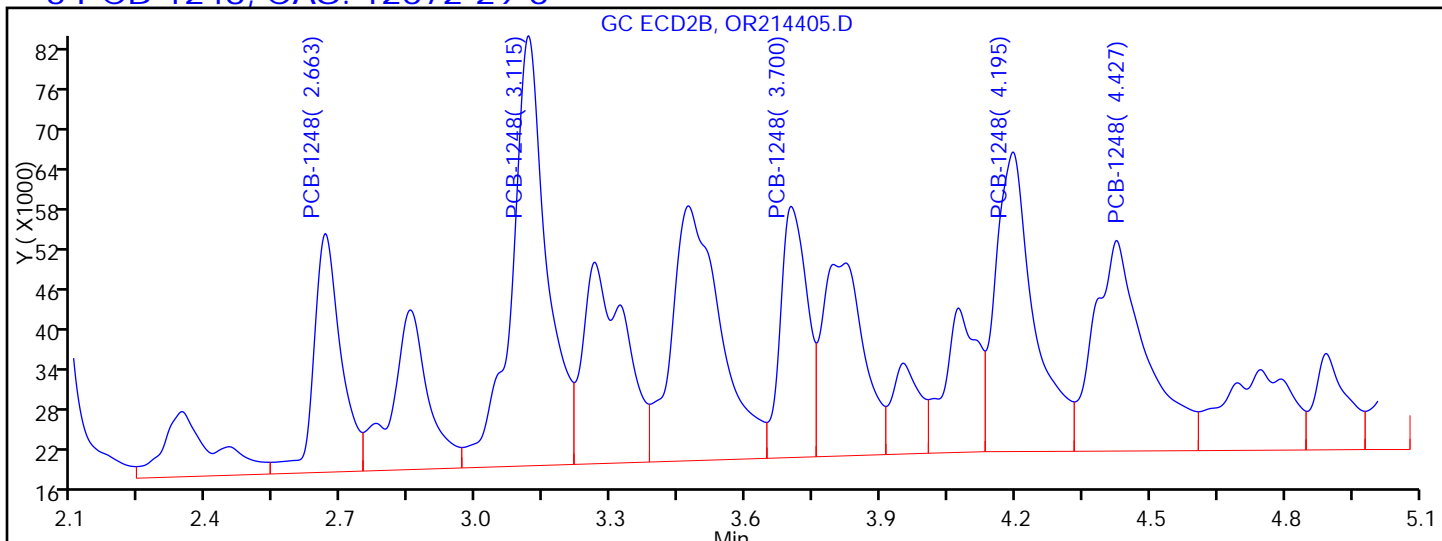
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

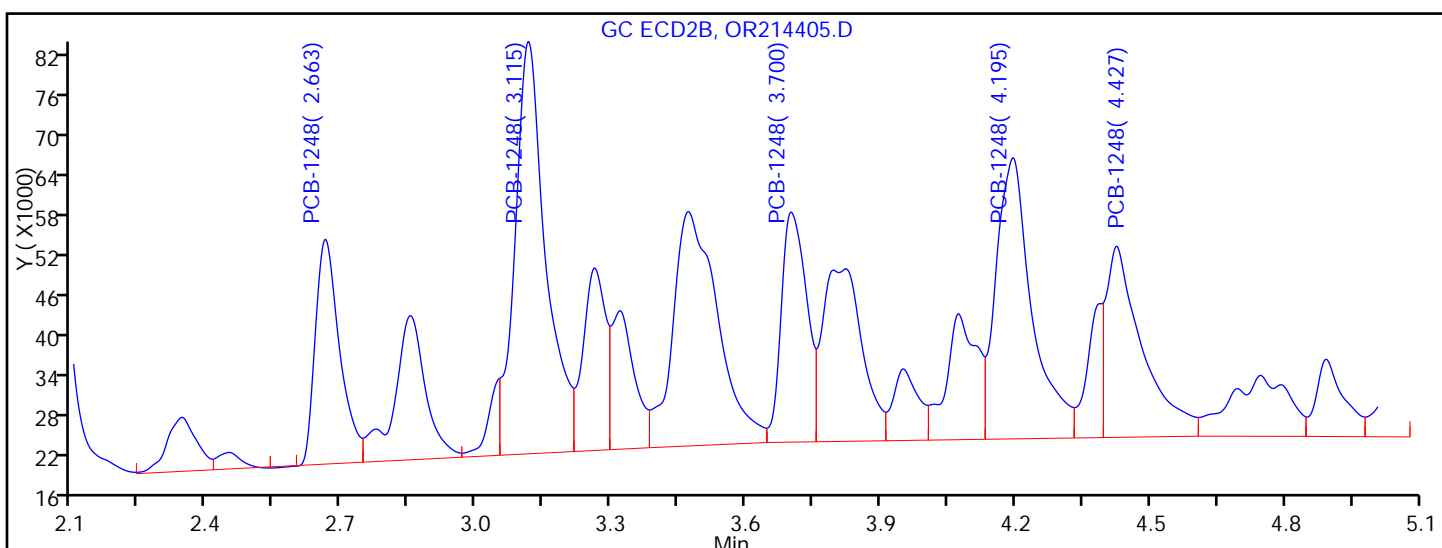
Detector: GC ECD2B

3 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.663	Response = 151901	M
RT = 3.115	Response = 353776	M
RT = 3.700	Response = 156834	M
RT = 4.195	Response = 267370	M
RT = 4.427	Response = 256436	M



Manual Integration Results

RT = 2.663	Response = 127013	M
RT = 3.115	Response = 294316	M
RT = 3.700	Response = 136017	M
RT = 4.195	Response = 234395	M
RT = 4.427	Response = 159336	M

Reviewer: patelji, 12-Mar-2014 12:26:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: OR214406.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 06:00
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214406.D
 Lims ID: 460-72180-E-19-B Lab Sample ID: 460-72180-19
 Client ID: PMP-27SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:00:30 ALS Bottle#: 25 Worklist Smp#: 25
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-025
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:17:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	10.663	10.655	0.008	333360	62.3	
2	9.372	9.387	-0.015	526497	63.2	

RPD = 1.34

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214406.D

Injection Date: 12-Mar-2014 06:00:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-E-19-B

Lab Sample ID: 460-72180-19

Worklist Smp#: 25

Client ID: PMP-27SW-VD

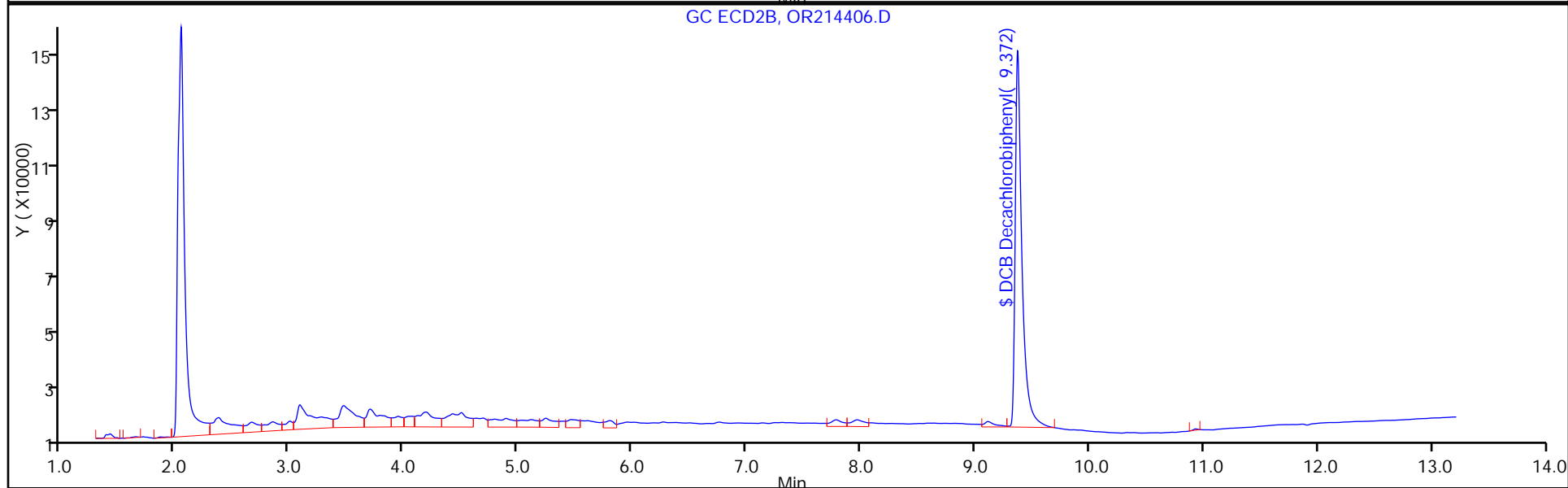
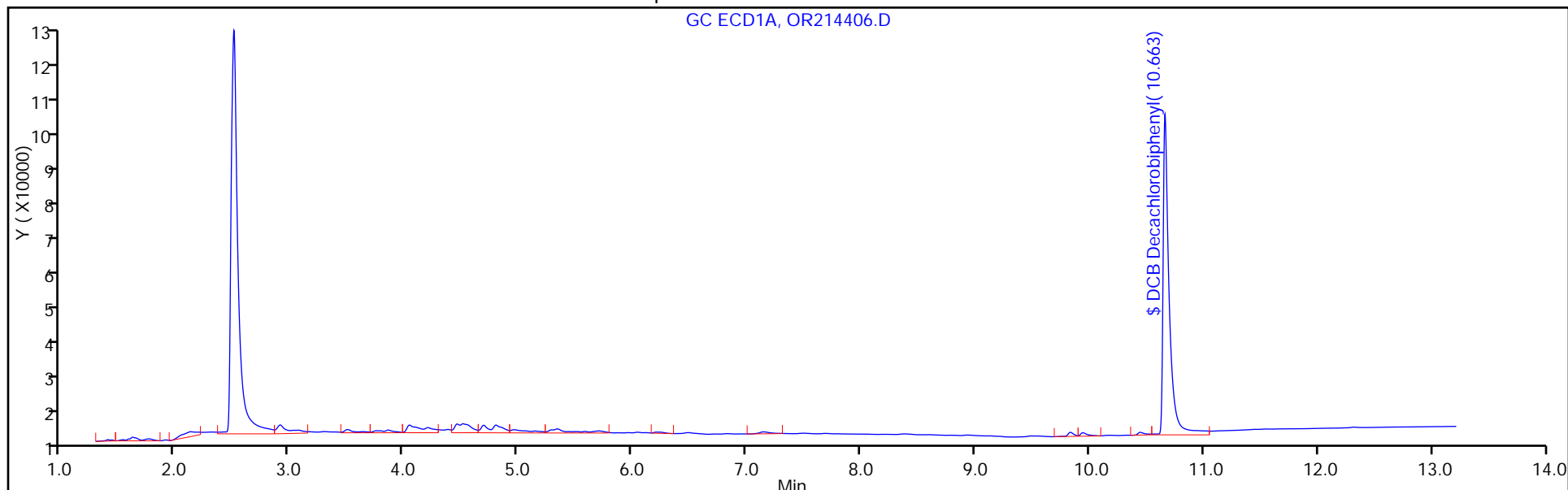
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: OR214406.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 15.03(g) Date Analyzed: 03/12/2014 06:00
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	16	U	72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	20	U	72	20
11096-82-5	Aroclor 1260	20	U	72	20
37324-23-5	Aroclor 1262	20	U	72	20
11100-14-4	Aroclor 1268	20	U	72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214406.D
 Lims ID: 460-72180-E-19-B Lab Sample ID: 460-72180-19
 Client ID: PMP-27SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:00:30 ALS Bottle#: 25 Worklist Smp#: 25
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-025
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:17:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	10.663	10.655	0.008	333360	62.3
2	9.372	9.387	-0.015	526497	63.2

RPD = 1.34

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214406.D

Injection Date: 12-Mar-2014 06:00:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-E-19-B

Lab Sample ID: 460-72180-19

Worklist Smp#: 25

Client ID: PMP-27SW-VD

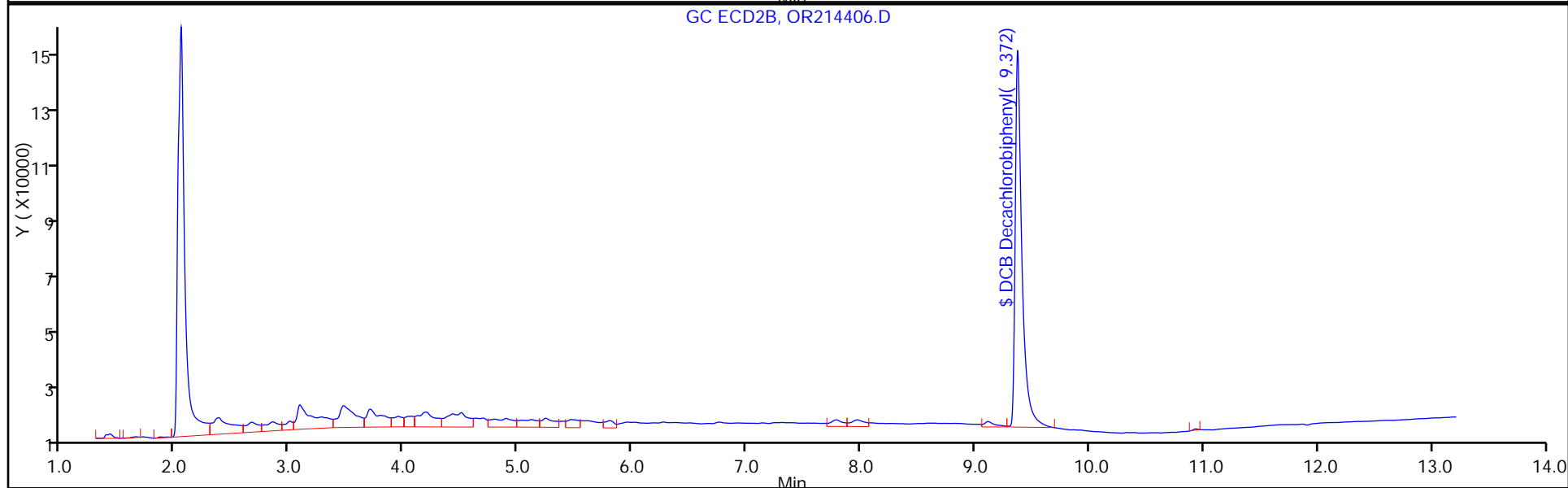
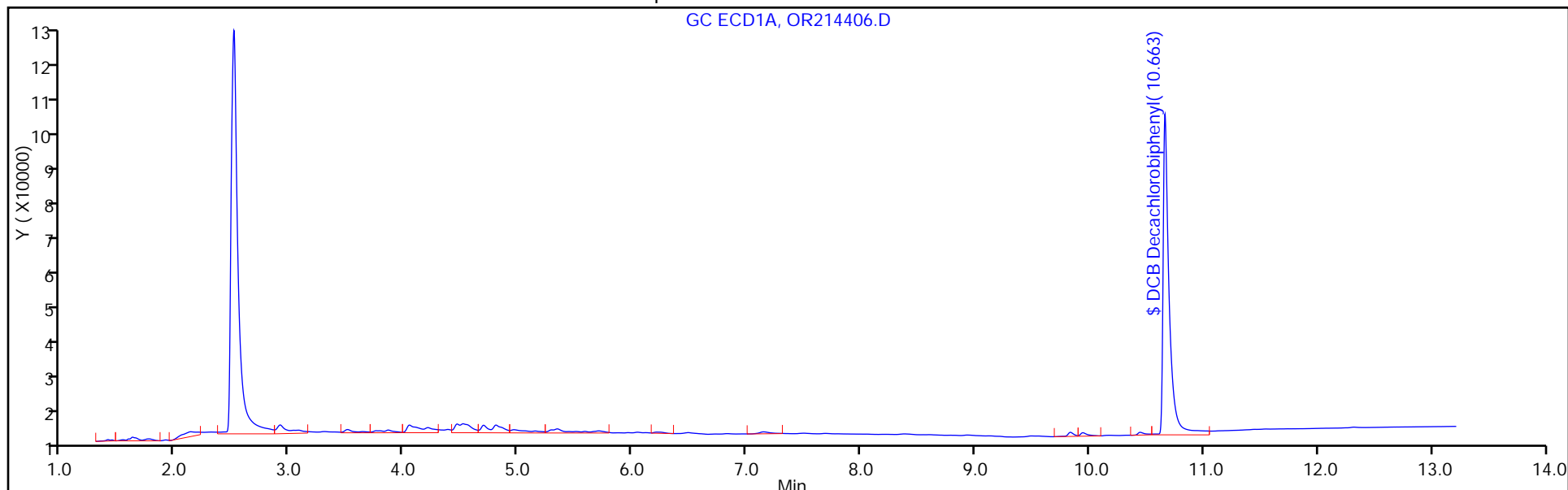
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: T004628.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 14.98(g) Date Analyzed: 03/14/2014 12:31
 Con. Extract Vol.: 10(mL) Dilution Factor: 2
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212604 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	2500		160	35

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\20140314-10871.b\T004628.D
 Lims ID: 460-72180-E-20-B Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 12:31:46 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 2.0000
 Sample Info: 460-0010871-018
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 14-Mar-2014 15:27:11 Calib Date: 13-Mar-2014 18:26:45
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140313-10827.b\T004590.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK025

First Level Reviewer: patelji Date: 14-Mar-2014 13:49:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						
1	3.061	3.060	0.001	3487392	487.0	
1	3.788	3.786	0.002	18849629	1373.0	
1	4.623	4.626	-0.003	48924420	1867.5	M
1	4.870	4.872	-0.002	17948413	1707.0	M
1	6.418	6.418	0.0	24300173	2487.7	
Average of Peak Amounts =					1584.5	
2	2.022	2.030	-0.008	20051651	773.7	
2	2.466	2.466	0.0	51546375	1265.7	M
2	3.060	3.060	0.0	142448099	1713.4	M
2	3.249	3.251	-0.002	54400808	1646.4	M
2	3.946	3.946	0.0	68337297	2183.9	M
Average of Peak Amounts =					1516.7	
					RPD = 4.37	

10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.423	8.427	-0.004	4333593	175.2	M
1	10.071	10.073	-0.002	2942604	155.0	
1	10.392	10.394	-0.002	5655170	135.7	M
1	11.200	11.209	-0.009	1489710	136.1	
Average of Peak Amounts =					150.5	
2	5.966	5.967	-0.001	9407748	177.2	M
2	7.479	7.483	-0.004	8701055	163.8	M
2	8.113	8.116	-0.003	17157625	140.7	
2	8.748	8.753	-0.005	11122187	178.3	
2	10.051	10.052	-0.001	4105158	132.7	
Average of Peak Amounts =					158.5	
					RPD = 5.19	

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl						M
1	11.641	11.660	-0.019	8531220	26.5	M
2	10.552	10.553	-0.001	27432408	28.2	M

RPD = 6.35

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Injection Date: 14-Mar-2014 12:31:46

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-E-20-B

Lab Sample ID: 460-72180-20

Worklist Smp#: 18

Client ID: PMP-27SW-WT

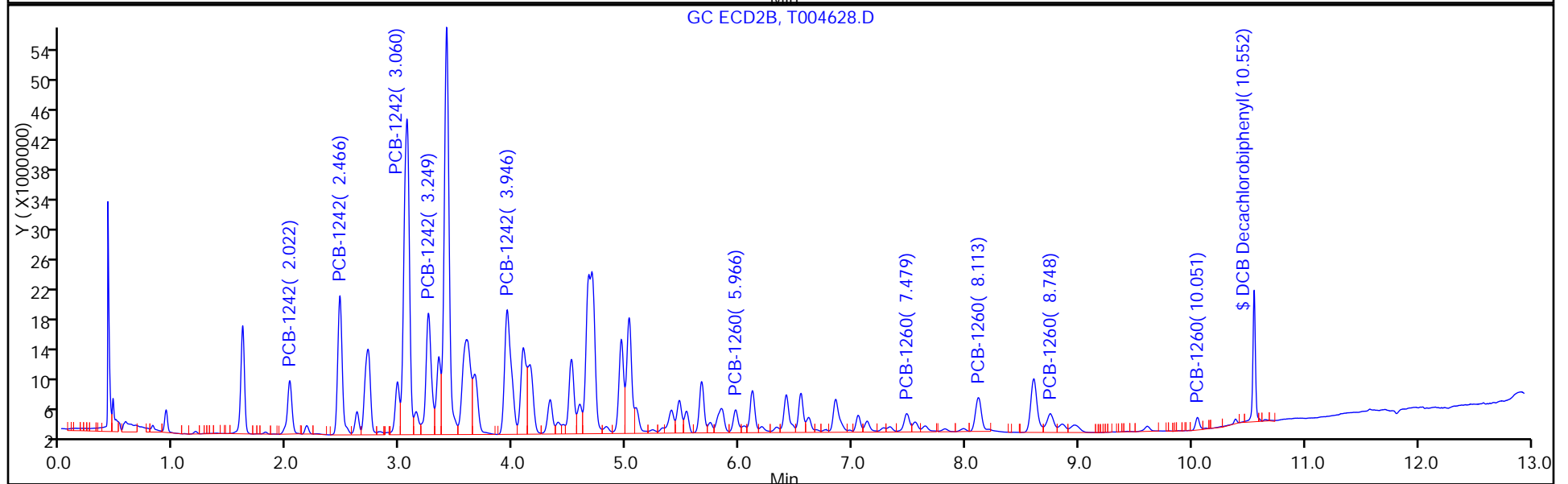
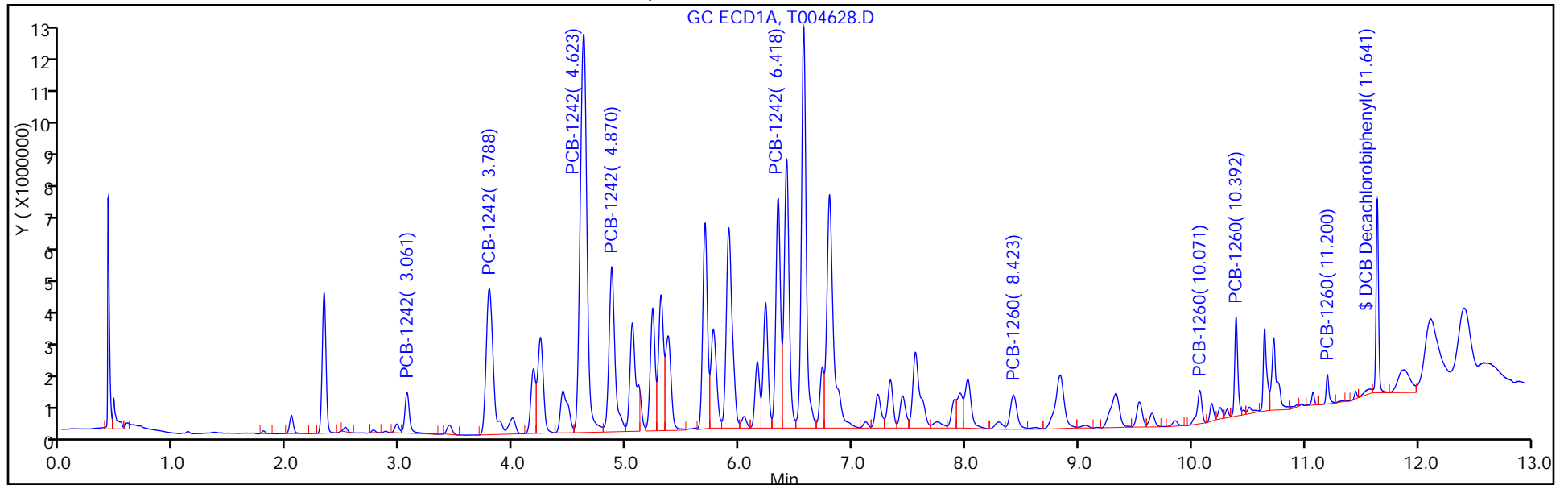
Injection Vol: 1.0 ul

Dil. Factor: 2.0000

ALS Bottle#: 18

Method: 8082GC11

Limit Group: GC 8082 PCB



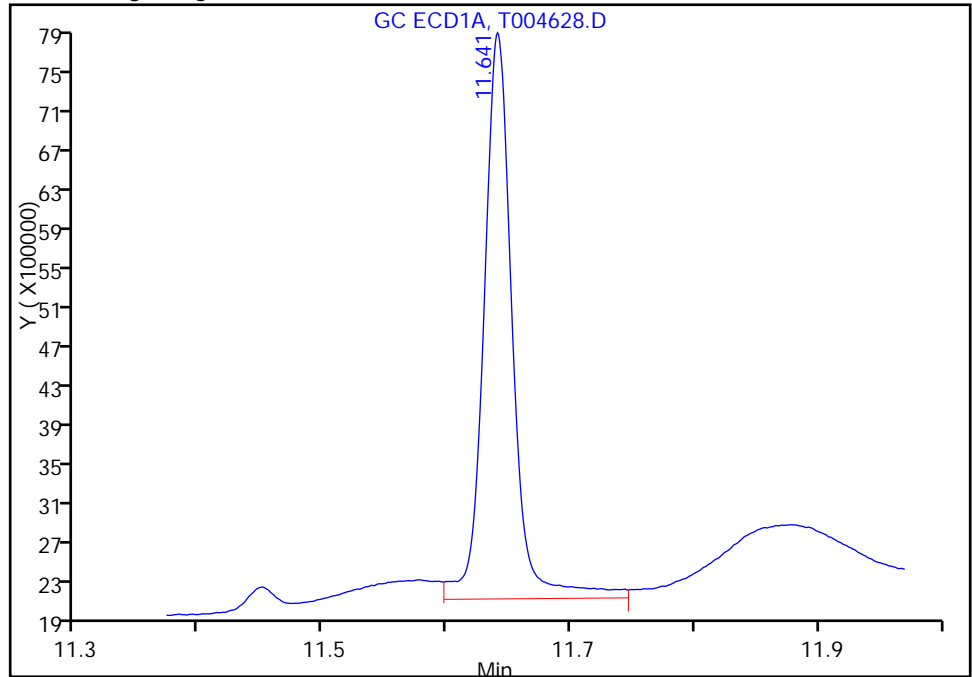
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D
Injection Date: 14-Mar-2014 12:31:46 Instrument ID: CPESTGC11
Lims ID: 460-72180-E-20-B Lab Sample ID: 460-72180-20
Client ID: PMP-27SW-WT
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Method: 8082GC11 Limit Group: GC 8082 PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

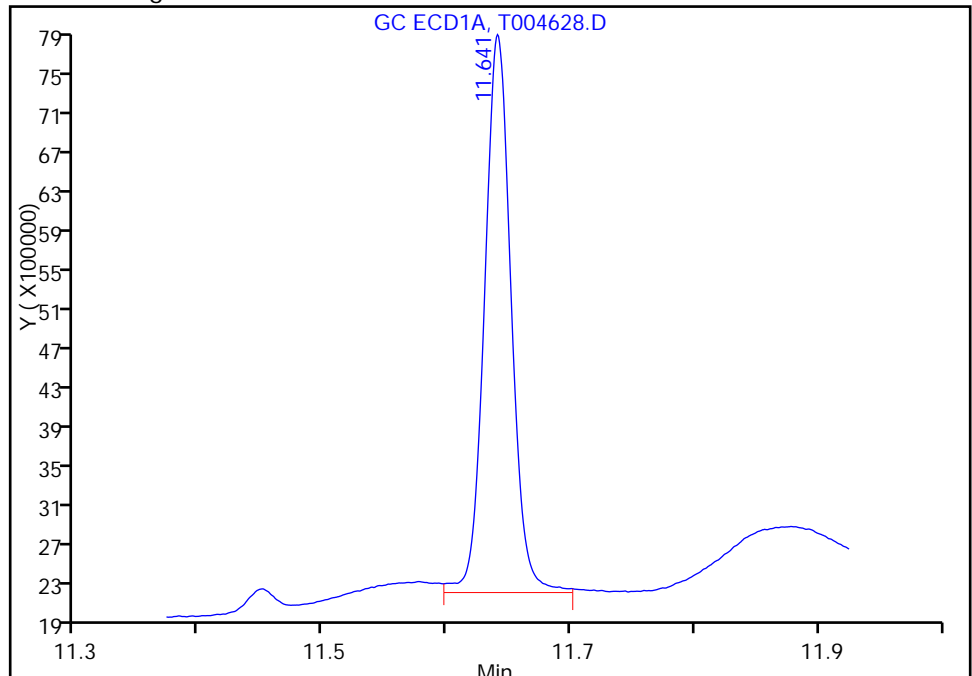
Processing Integration Results

RT: 11.64
Response: 9301209
Amount: 28.882410



Manual Integration Results

RT: 11.64
Response: 8531220
Amount: 26.491416



Reviewer: patelji, 14-Mar-2014 13:49:40
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Injection Date: 14-Mar-2014 12:31:46

Instrument ID: CPESTGC11

Lims ID: 460-72180-E-20-B

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

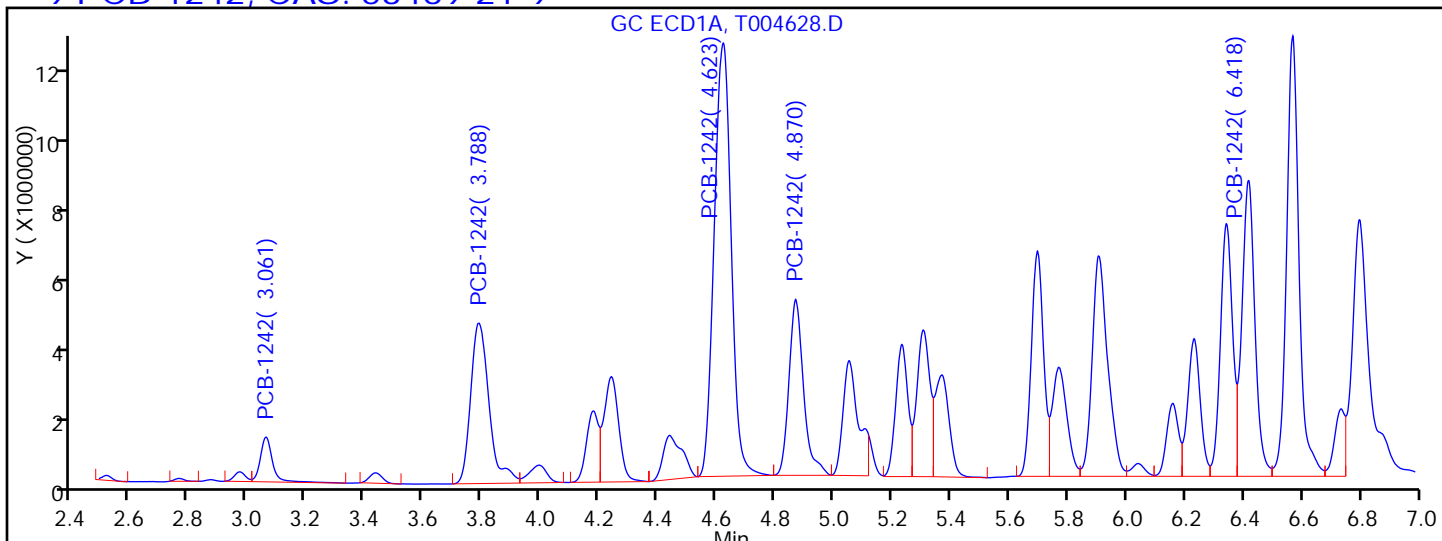
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

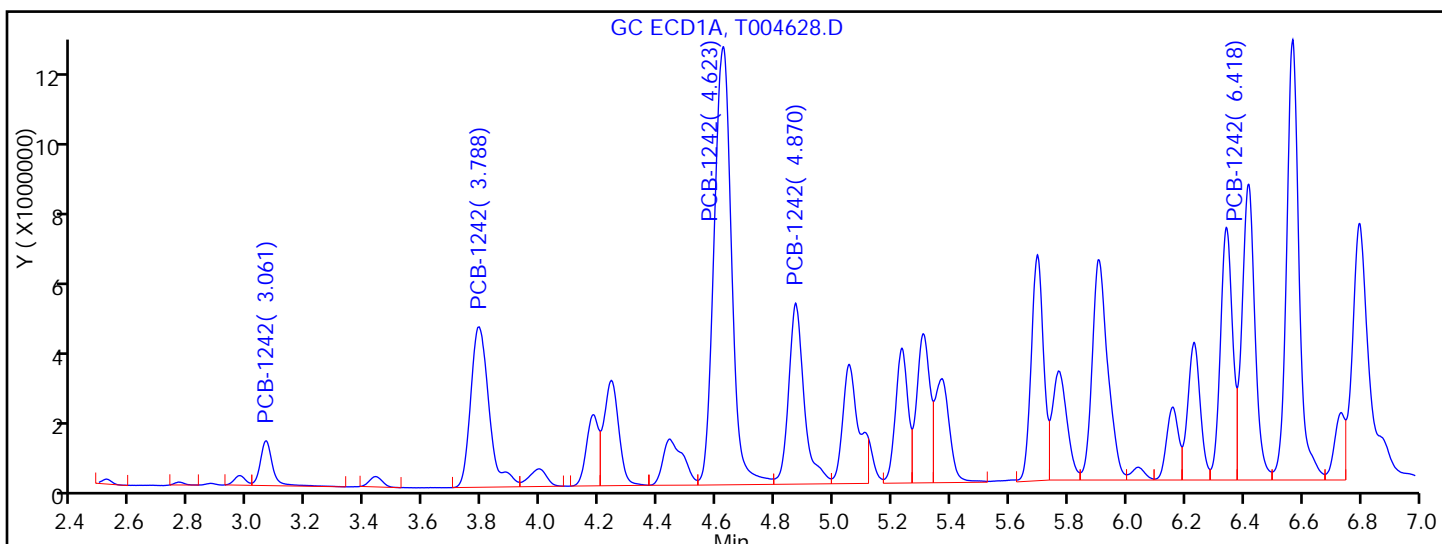
Detector GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.061	Response = 3487392	
RT = 3.788	Response = 18849629	
RT = 4.623	Response = 46845494	M
RT = 4.870	Response = 16357912	M
RT = 6.418	Response = 24300173	



Manual Integration Results

RT = 3.061	Response = 3487392	
RT = 3.788	Response = 18849629	
RT = 4.623	Response = 48924420	M
RT = 4.870	Response = 17948413	M
RT = 6.418	Response = 24300173	

Reviewer: patelji, 14-Mar-2014 13:49:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Injection Date: 14-Mar-2014 12:31:46

Instrument ID: CPESTGC11

Lims ID: 460-72180-E-20-B

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 18

Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

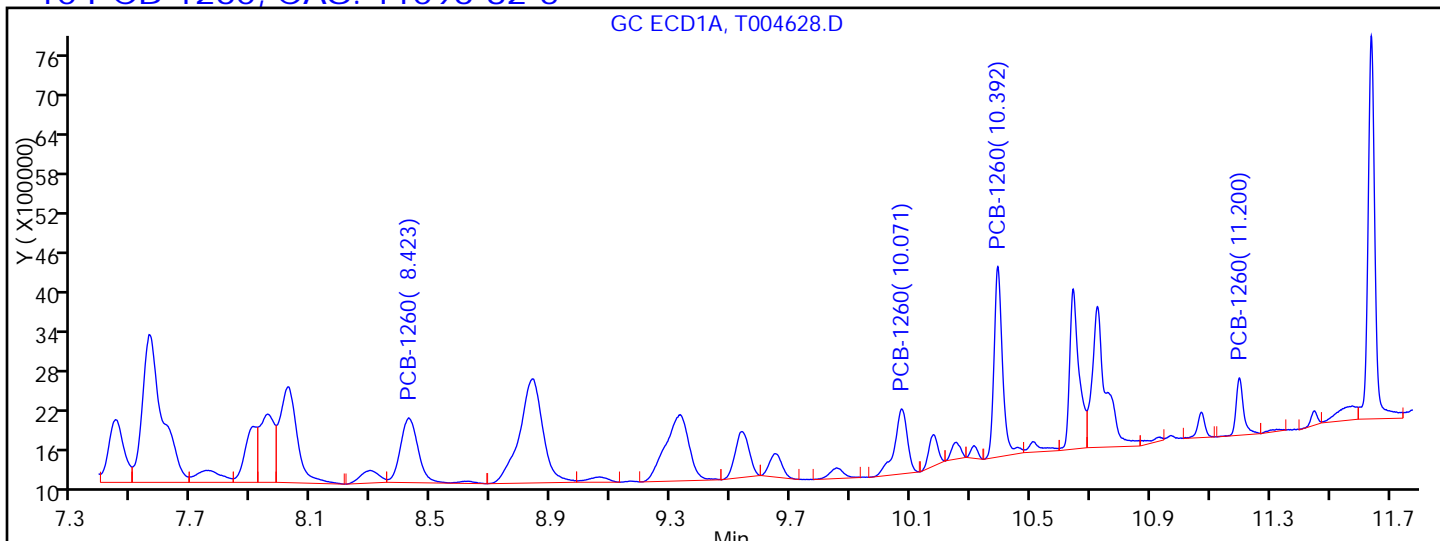
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

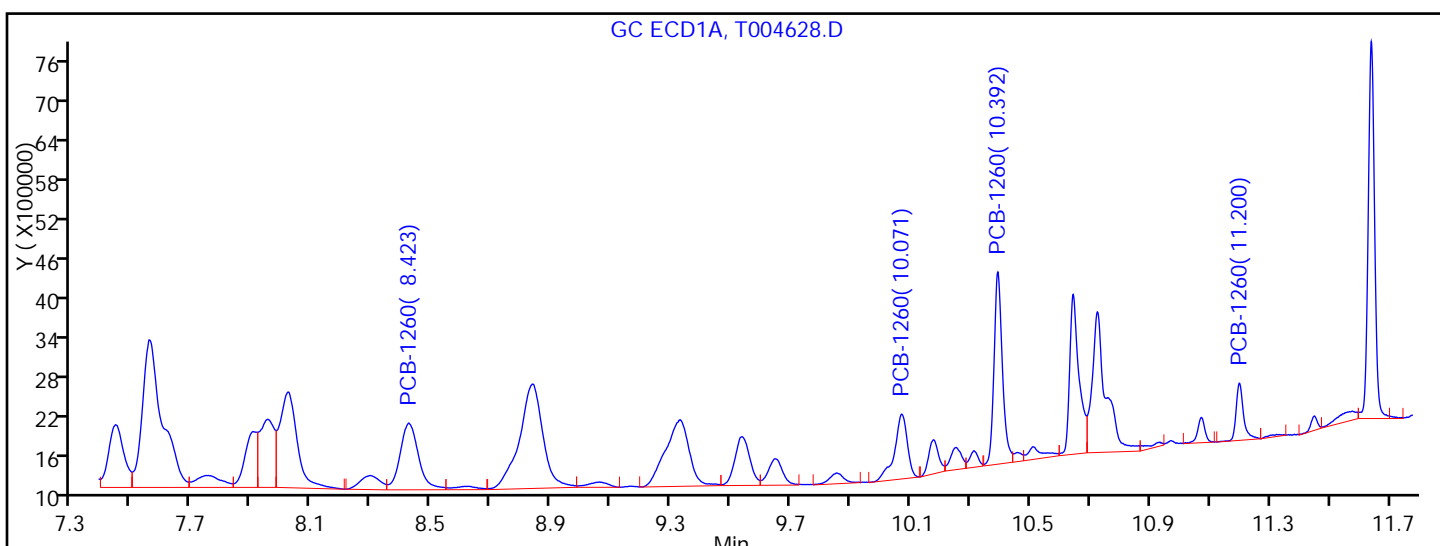
Detector: GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.951	Response = 3450575	
RT = 8.423	Response = 4100463	M
RT = 10.071	Response = 2942604	
RT = 10.392	Response = 5644804	M
RT = 11.200	Response = 1489710	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 8.423	Response = 4333593	M
RT = 10.071	Response = 2942604	
RT = 10.392	Response = 5655170	M
RT = 11.200	Response = 1489710	

Reviewer: patelji, 14-Mar-2014 13:49:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: T004628.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:22
 Sample wt/vol: 14.98(g) Date Analyzed: 03/14/2014 12:31
 Con. Extract Vol.: 10(mL) Dilution Factor: 2
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212604 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	35	U	160	35
11104-28-2	Aroclor 1221	35	U	160	35
11141-16-5	Aroclor 1232	35	U	160	35
12672-29-6	Aroclor 1248	35	U	160	35
11097-69-1	Aroclor 1254	44	U	160	44
11096-82-5	Aroclor 1260	250		160	44
37324-23-5	Aroclor 1262	44	U	160	44
11100-14-4	Aroclor 1268	44	U	160	44

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\20140314-10871.b\T004628.D
 Lims ID: 460-72180-E-20-B Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 14-Mar-2014 12:31:46 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 2.0000
 Sample Info: 460-0010871-018
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 14-Mar-2014 15:27:11 Calib Date: 13-Mar-2014 18:26:45
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\EDICHROM\ChromData\CPESTGC11\20140313-10827.b\T004590.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK025

First Level Reviewer: patelji Date: 14-Mar-2014 13:49:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						
1	3.061	3.060	0.001	3487392	487.0	
1	3.788	3.786	0.002	18849629	1373.0	
1	4.623	4.626	-0.003	48924420	1867.5	M
1	4.870	4.872	-0.002	17948413	1707.0	M
1	6.418	6.418	0.0	24300173	2487.7	
Average of Peak Amounts =					1584.5	
2	2.022	2.030	-0.008	20051651	773.7	
2	2.466	2.466	0.0	51546375	1265.7	M
2	3.060	3.060	0.0	142448099	1713.4	M
2	3.249	3.251	-0.002	54400808	1646.4	M
2	3.946	3.946	0.0	68337297	2183.9	M
Average of Peak Amounts =					1516.7	
					RPD = 4.37	

10 PCB-1260						
1	0.0	7.957	-7.957	0	0	
1	8.423	8.427	-0.004	4333593	175.2	M
1	10.071	10.073	-0.002	2942604	155.0	
1	10.392	10.394	-0.002	5655170	135.7	M
1	11.200	11.209	-0.009	1489710	136.1	
Average of Peak Amounts =					150.5	
2	5.966	5.967	-0.001	9407748	177.2	M
2	7.479	7.483	-0.004	8701055	163.8	M
2	8.113	8.116	-0.003	17157625	140.7	
2	8.748	8.753	-0.005	11122187	178.3	
2	10.051	10.052	-0.001	4105158	132.7	
Average of Peak Amounts =					158.5	
					RPD = 5.19	

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	--------------	------------------	------------------	----------	--------------------	-------

\$ 5 DCB Decachlorobiphenyl						M
1	11.641	11.660	-0.019	8531220	26.5	M
2	10.552	10.553	-0.001	27432408	28.2	M

RPD = 6.35

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Injection Date: 14-Mar-2014 12:31:46

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-E-20-B

Lab Sample ID: 460-72180-20

Worklist Smp#: 18

Client ID: PMP-27SW-WT

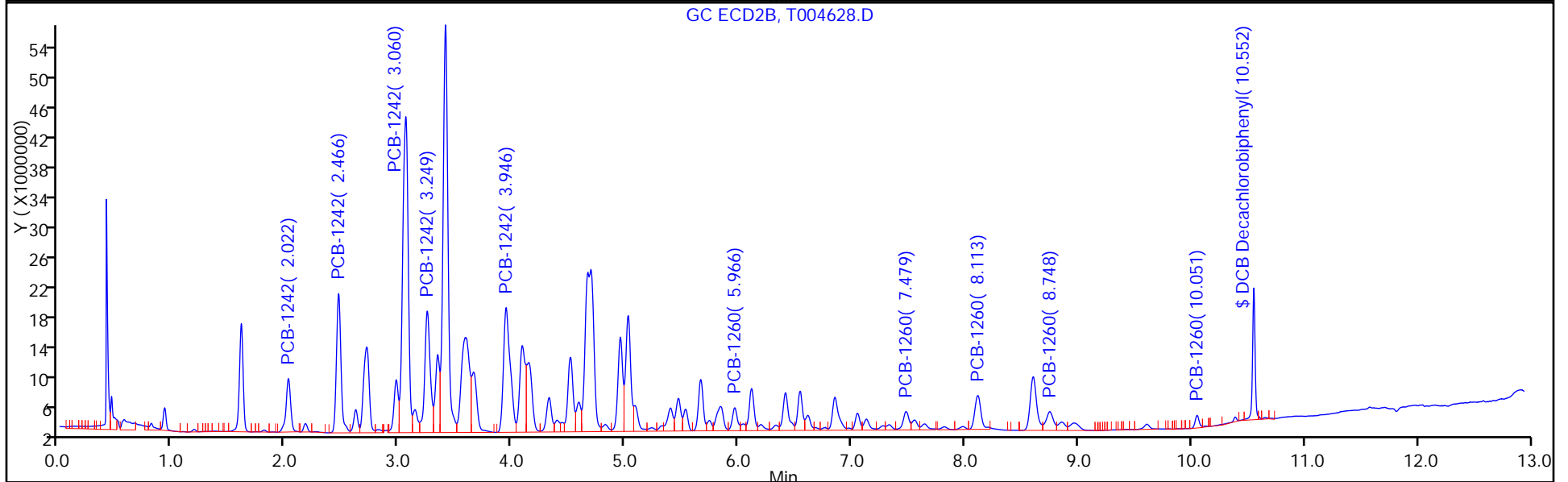
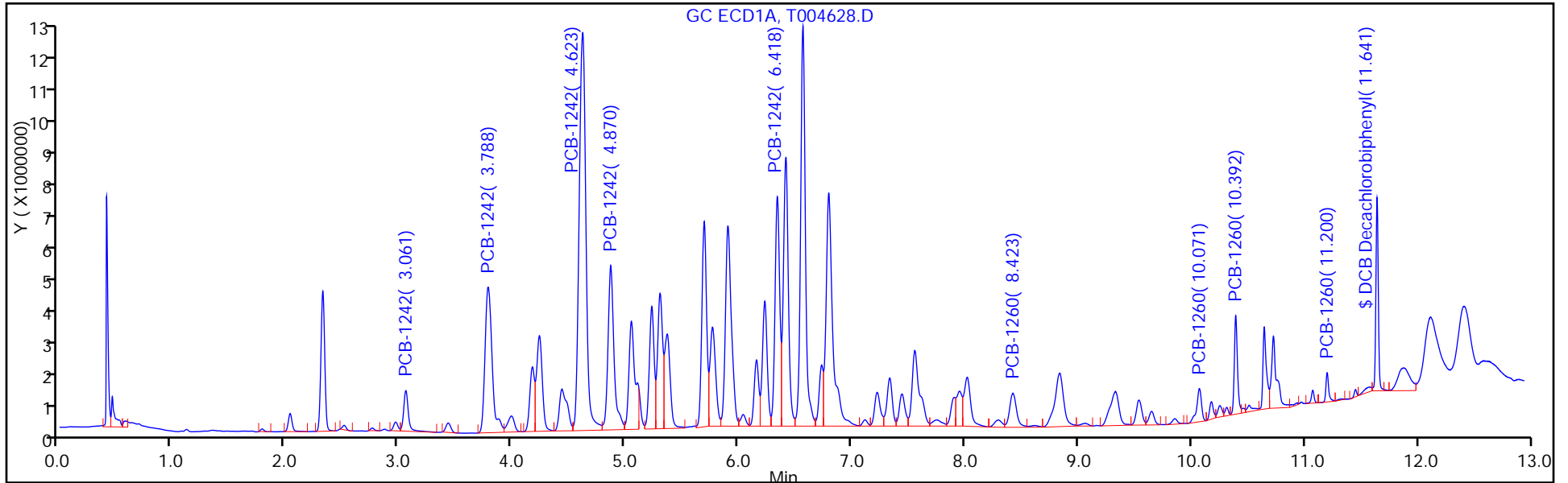
Injection Vol: 1.0 ul

Dil. Factor: 2.0000

ALS Bottle#: 18

Method: 8082GC11

Limit Group: GC 8082 PCB



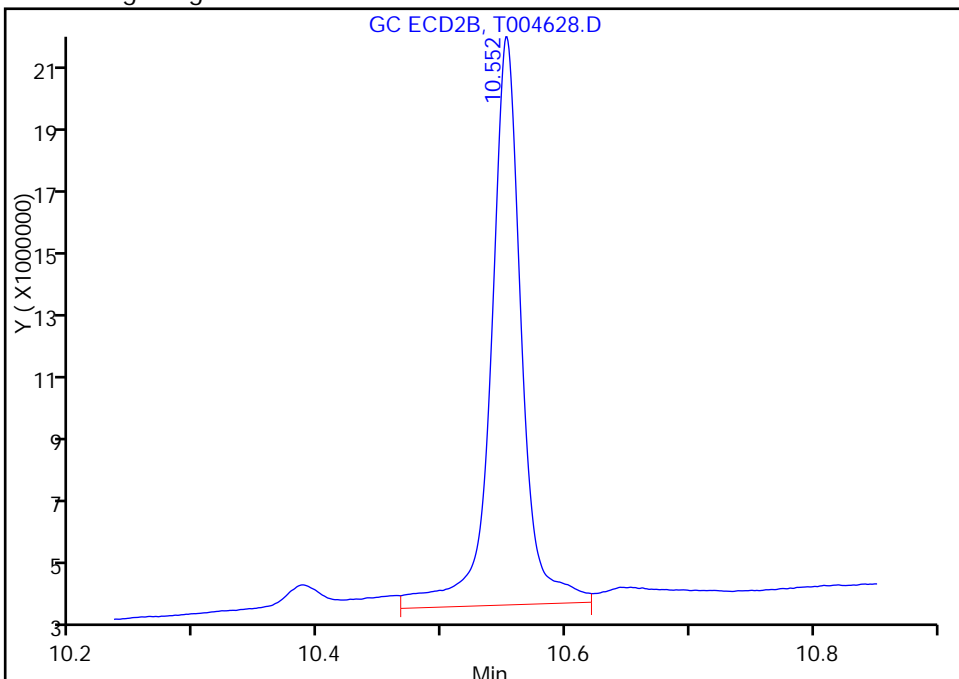
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D				
Injection Date:	14-Mar-2014 12:31:46	Instrument ID:	CPESTGC11		
Lims ID:	460-72180-E-20-B	Lab Sample ID:	460-72180-20		
Client ID:	PMP-27SW-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8082GC11	Limit Group:	GC 8082 PCB		
Column:		Detector:	GC ECD2B		

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

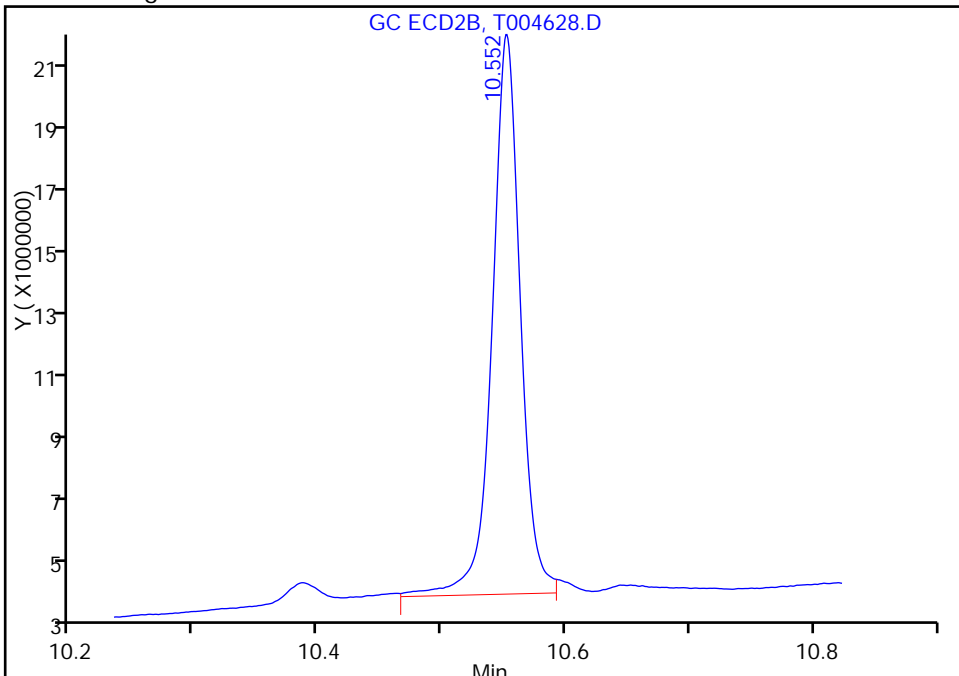
Processing Integration Results

RT: 10.55
Response: 30294133
Amount: 31.173152



Manual Integration Results

RT: 10.55
Response: 27432408
Amount: 28.228391



Reviewer: patelji, 14-Mar-2014 13:49:40
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Injection Date: 14-Mar-2014 12:31:46

Instrument ID: CPESTGC11

Lims ID: 460-72180-E-20-B

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

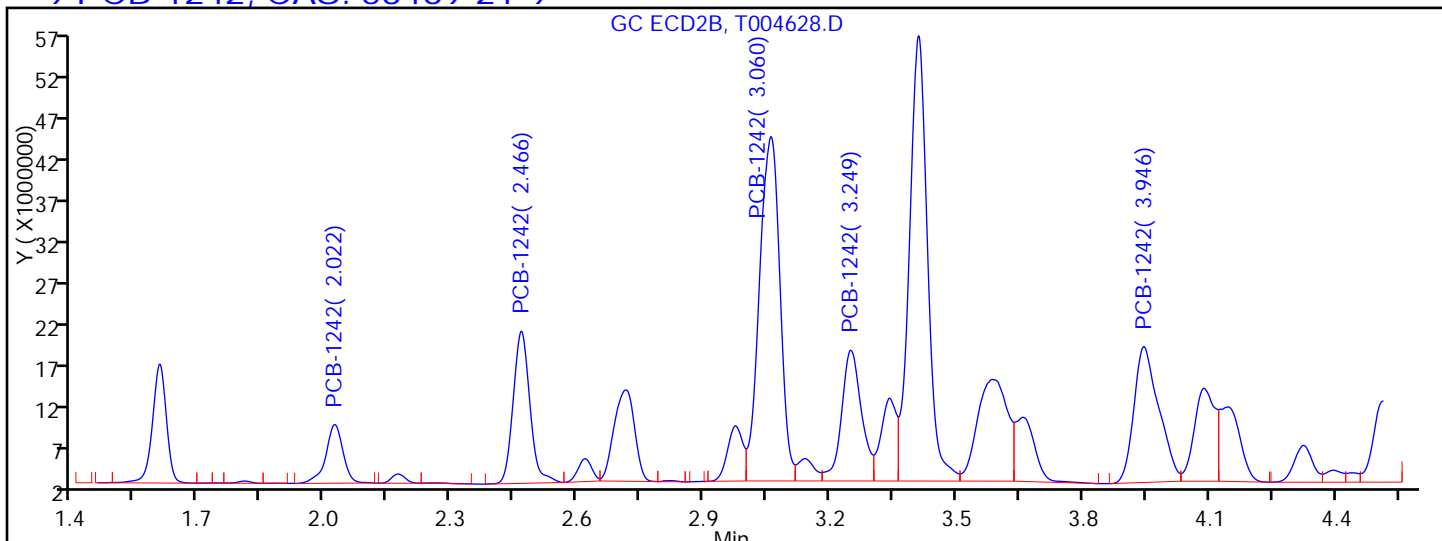
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

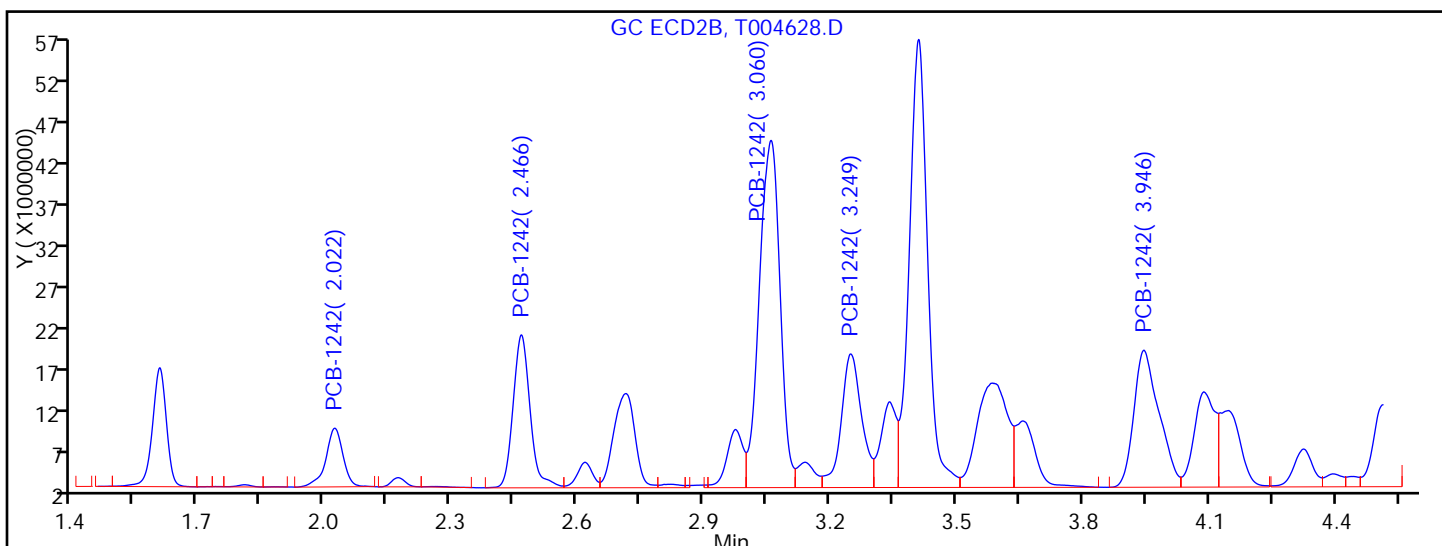
Detector: GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.022	Response = 20051651	
RT = 2.466	Response = 50376188	M
RT = 3.060	Response = 139934658	M
RT = 3.249	Response = 51839255	M
RT = 3.946	Response = 66949673	M



Manual Integration Results

RT = 2.022	Response = 20051651	
RT = 2.466	Response = 51546375	M
RT = 3.060	Response = 142448099	M
RT = 3.249	Response = 54400808	M
RT = 3.946	Response = 68337297	M

Reviewer: patelji, 14-Mar-2014 13:49:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140314-10871.b\T004628.D

Injection Date: 14-Mar-2014 12:31:46

Instrument ID: CPESTGC11

Lims ID: 460-72180-E-20-B

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#:

Worklist Smp#: 18

Injection Vol: 1.0 ul

Dil. Factor: 2.0000

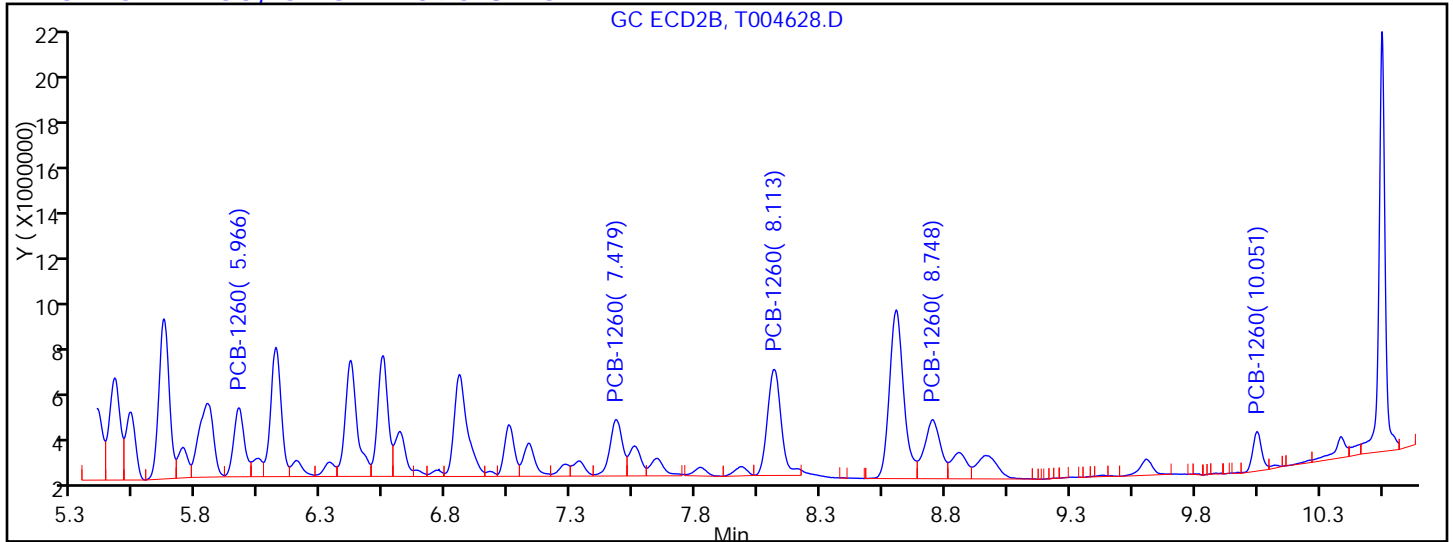
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

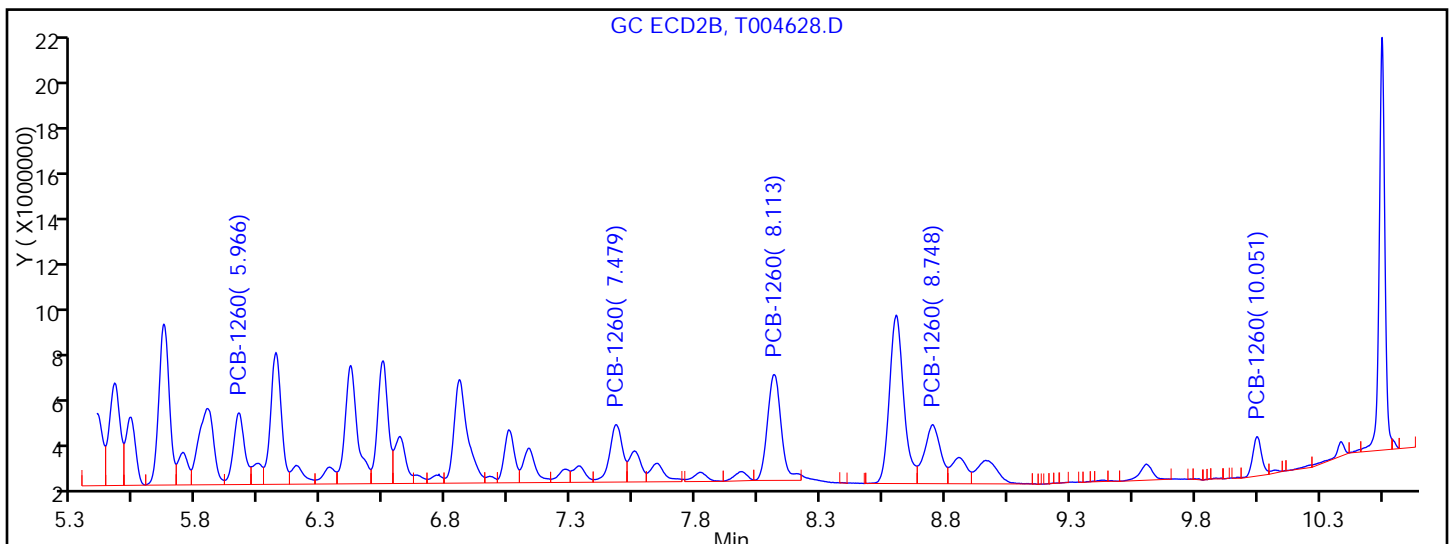
Detector GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.966	Response = 8639300	M
RT = 7.479	Response = 8301069	M
RT = 8.113	Response = 17157625	
RT = 8.748	Response = 11122187	
RT = 10.051	Response = 4105158	



Manual Integration Results

RT = 5.966	Response = 9407748	M
RT = 7.479	Response = 8701055	M
RT = 8.113	Response = 17157625	
RT = 8.748	Response = 11122187	
RT = 10.051	Response = 4105158	

Reviewer: patelji, 14-Mar-2014 13:49:40

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: T004509.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:55
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 14.99(g) Date Analyzed: 03/12/2014 06:21
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212066 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	180		77	17

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\20140312-10737.b\T004509.D
 Lims ID: 460-72180-F-21-B Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:21:32 ALS Bottle#: 23 Worklist Smp#: 53
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-053
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:48:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
9 PCB-1242						
1	3.062	3.065	-0.003	620784	92.2	M
1	3.789	3.792	-0.003	3122323	234.4	M
1	4.624	4.627	-0.003	6723417	260.7	
1	4.874	4.876	-0.002	2587617	249.3	M
1	6.422	6.424	-0.002	3180063	336.6	M
Average of Peak Amounts =					234.6	
2	2.037	2.035	0.002	3616665	131.8	
2	2.472	2.472	0.0	10667899	206.3	M
2	3.064	3.065	-0.001	24734950	230.4	M
2	3.253	3.257	-0.004	9490978	219.9	M
2	3.952	3.954	-0.002	10576180	245.6	
Average of Peak Amounts =					206.8	
					RPD = 12.61	
\$ 5 DCB Decachlorobiphenyl						
1	11.652	11.636	0.016	18233790	56.7	M
2	10.553	10.555	-0.002	61553952	50.5	
					RPD = 11.57	

QC Flag Legend

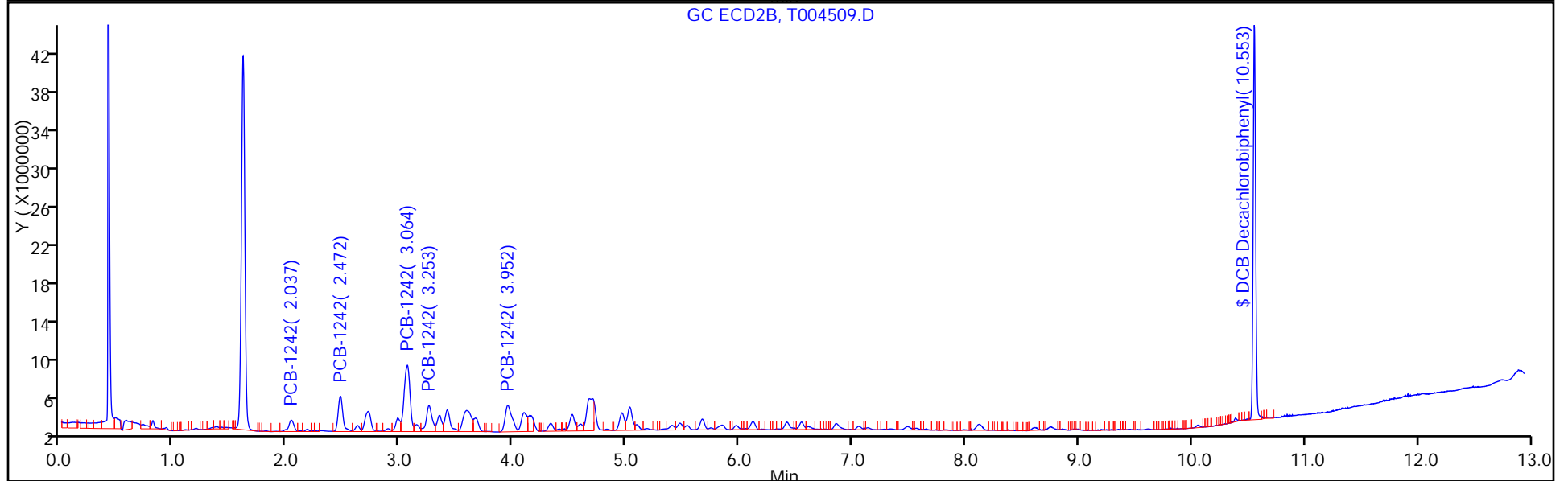
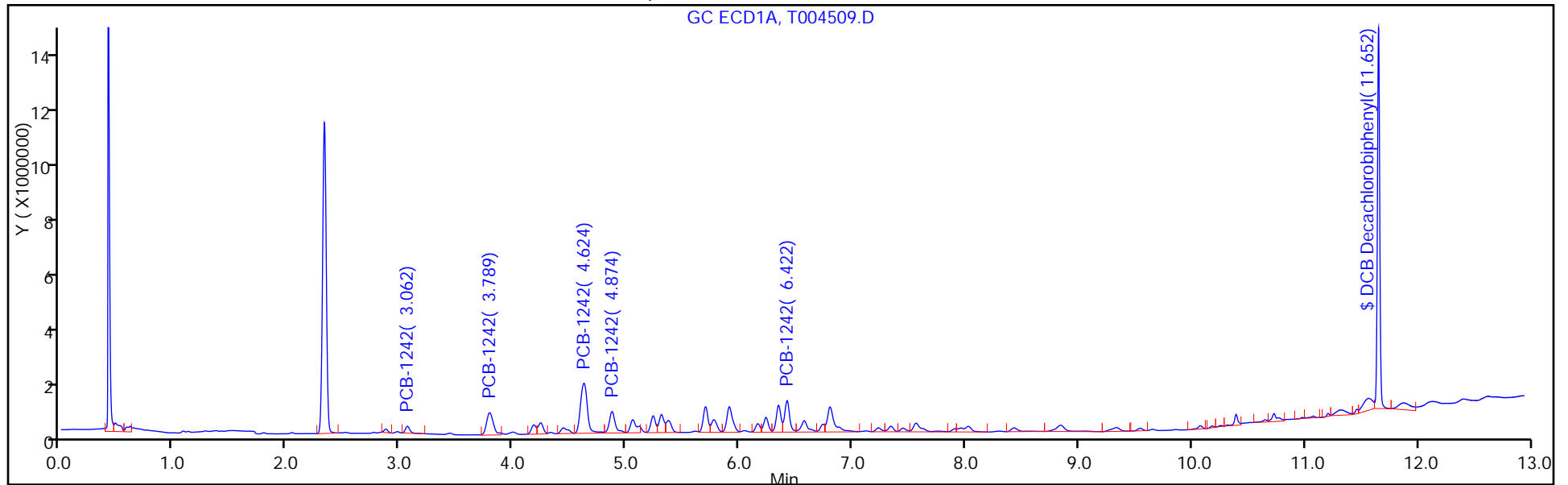
Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004509.D
 Injection Date: 12-Mar-2014 06:21:32 Instrument ID: CPESTGC11
 Lims ID: 460-72180-F-21-B Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Method: 8082GC11 Limit Group: GC 8082 PCB

Operator ID:
 Worklist Smp#: 53
 ALS Bottle#: 23



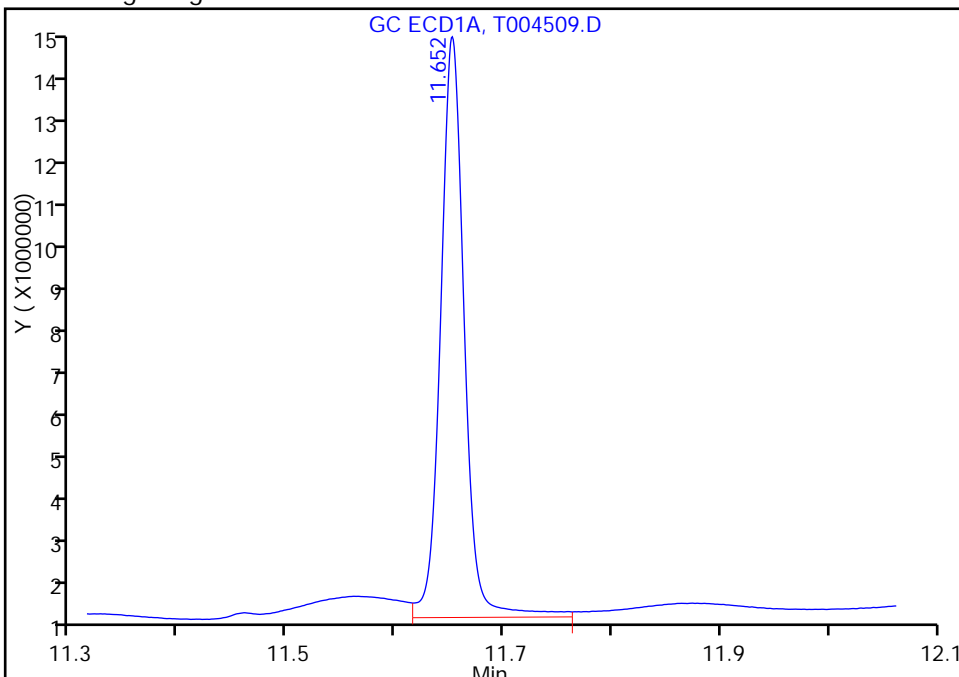
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004509.D
Injection Date: 12-Mar-2014 06:21:32 Instrument ID: CPESTGC11
Lims ID: 460-72180-F-21-B Lab Sample ID: 460-72180-21
Client ID: PMP-27SW-SD
Operator ID: ALS Bottle#: 23 Worklist Smp#: 53
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082 PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

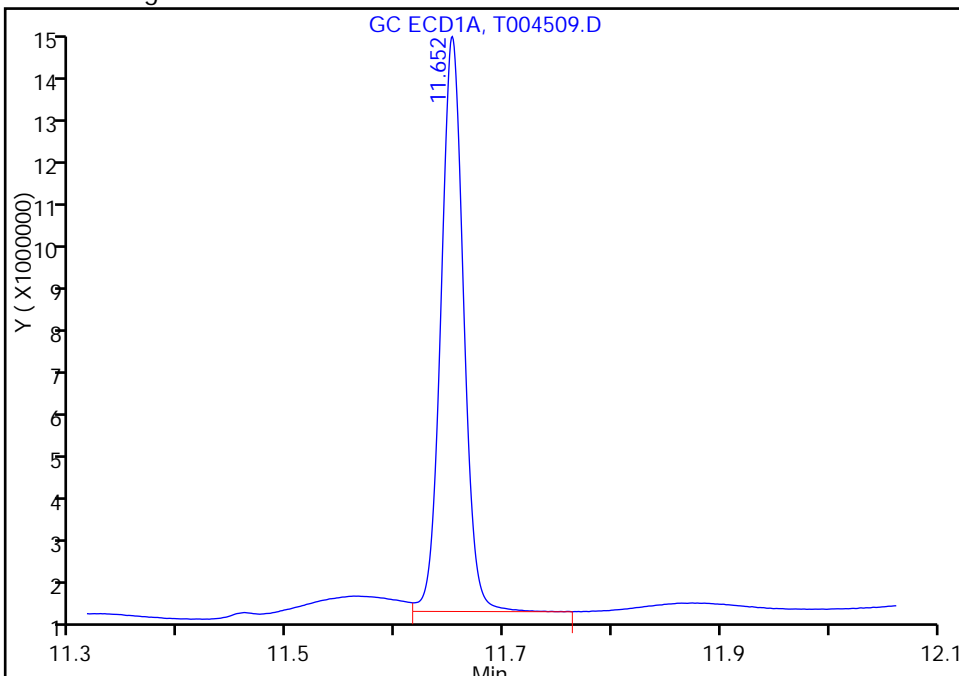
Processing Integration Results

RT: 11.65
Response: 19299237
Amount: 59.989090



Manual Integration Results

RT: 11.65
Response: 18233790
Amount: 56.677291



Reviewer: patelji, 12-Mar-2014 08:48:44
Audit Action: Assigned New Baseline
Audit Reason: Column bleed

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004509.D

Injection Date: 12-Mar-2014 06:21:32

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-21-B

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 53

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

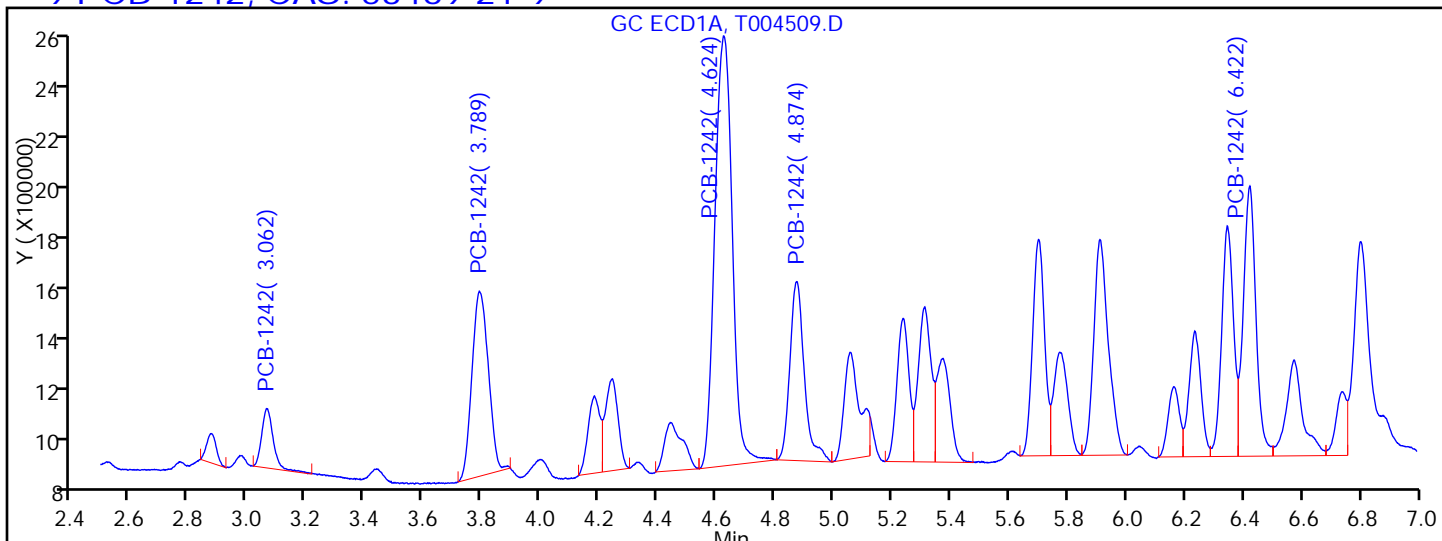
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

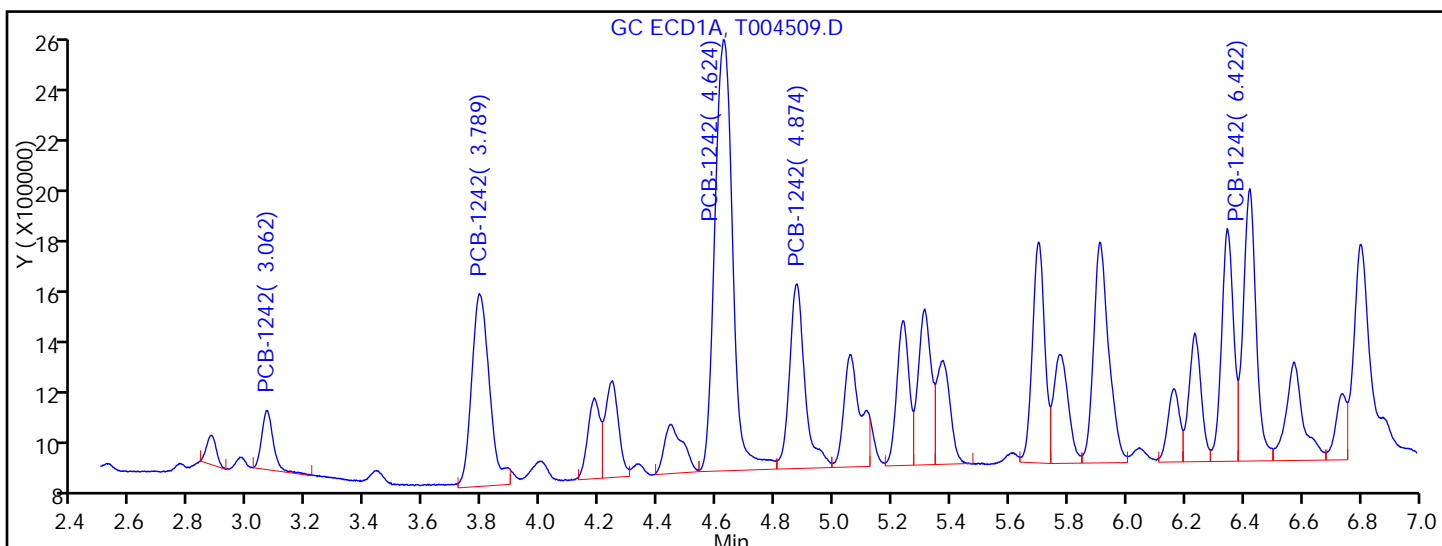
Detector GC ECD1A

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.062	Response = 620784	
RT = 3.789	Response = 2736963	M
RT = 4.624	Response = 6723417	
RT = 4.874	Response = 2342457	M
RT = 6.422	Response = 3096347	M



Manual Integration Results

RT = 3.062	Response = 620784	
RT = 3.789	Response = 3122323	M
RT = 4.624	Response = 6723417	
RT = 4.874	Response = 2587617	M
RT = 6.422	Response = 3180063	M

Reviewer: patelji, 12-Mar-2014 08:48:44

Audit Action: Assigned New Baseline

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: T004509.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:55
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 14.99(g) Date Analyzed: 03/12/2014 06:21
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212066 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	101		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004509.D
 Lims ID: 460-72180-F-21-B Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:21:32 ALS Bottle#: 23 Worklist Smp#: 53
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-053
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:48:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						M
1	3.062	3.065	-0.003	620784	92.2	
1	3.789	3.792	-0.003	3122323	234.4	M
1	4.624	4.627	-0.003	6723417	260.7	
1	4.874	4.876	-0.002	2587617	249.3	M
1	6.422	6.424	-0.002	3180063	336.6	M
Average of Peak Amounts =					234.6	
2	2.037	2.035	0.002	3616665	131.8	
2	2.472	2.472	0.0	10667899	206.3	M
2	3.064	3.065	-0.001	24734950	230.4	M
2	3.253	3.257	-0.004	9490978	219.9	M
2	3.952	3.954	-0.002	10576180	245.6	
Average of Peak Amounts =					206.8	
					RPD = 12.61	
\$ 5 DCB Decachlorobiphenyl						M
1	11.652	11.636	0.016	18233790	56.7	M
2	10.553	10.555	-0.002	61553952	50.5	
					RPD = 11.57	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004509.D

Injection Date: 12-Mar-2014 06:21:32

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-21-B

Lab Sample ID: 460-72180-21

Worklist Smp#: 53

Client ID: PMP-27SW-SD

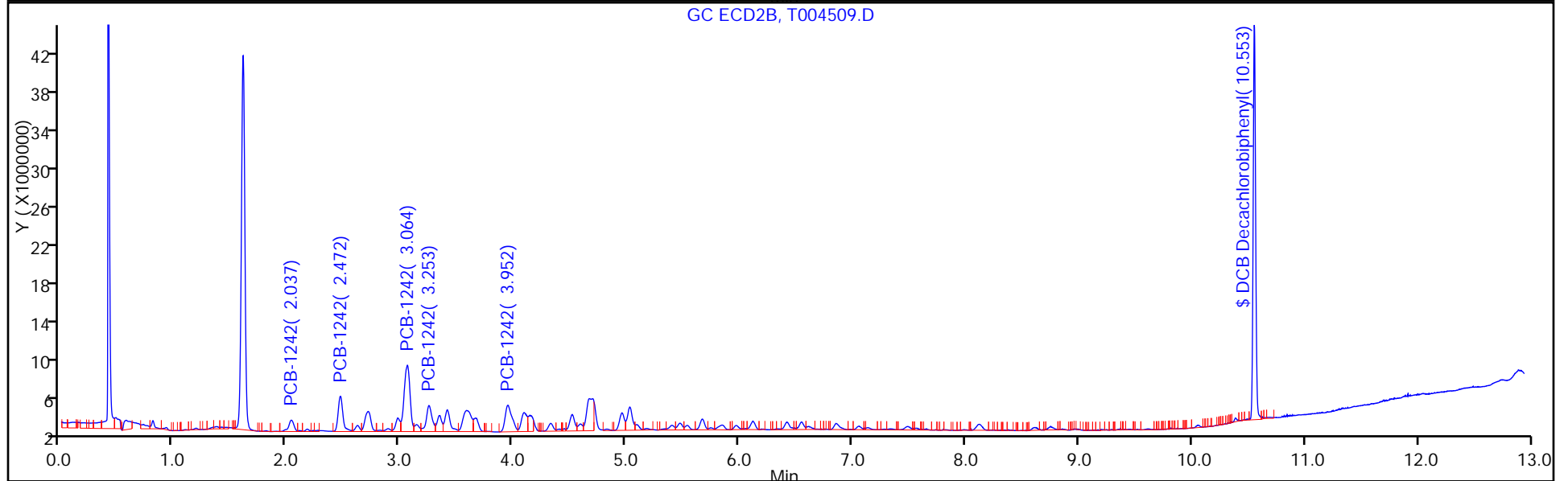
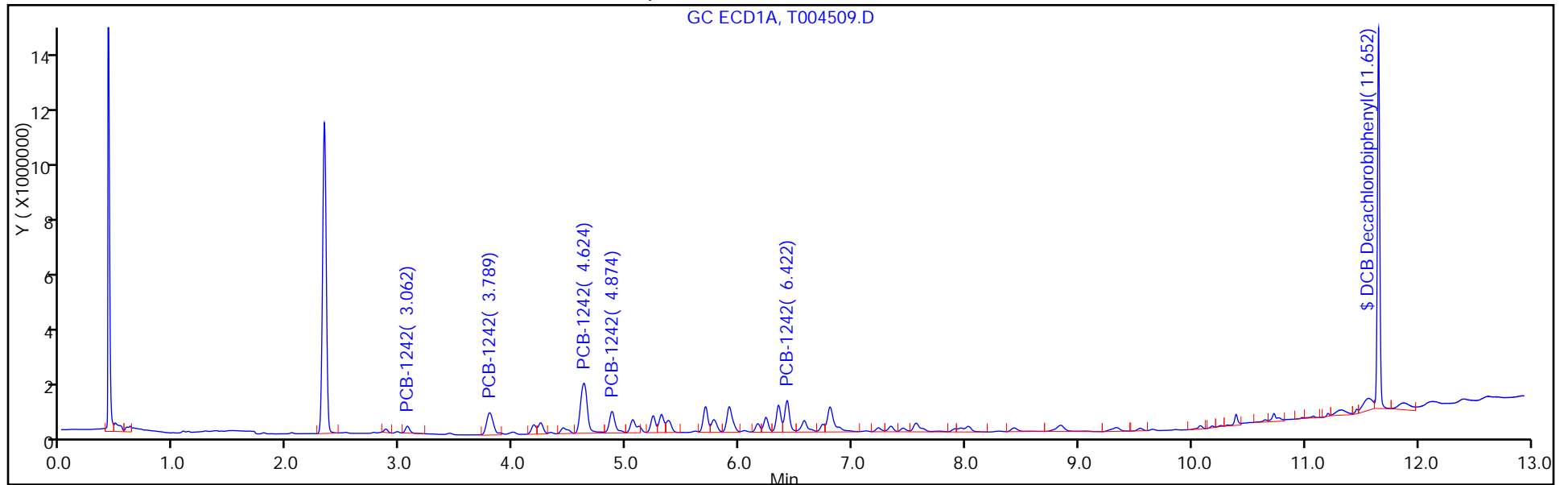
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004509.D

Injection Date: 12-Mar-2014 06:21:32

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-21-B

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID:

ALS Bottle#: 23 Worklist Smp#: 53

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

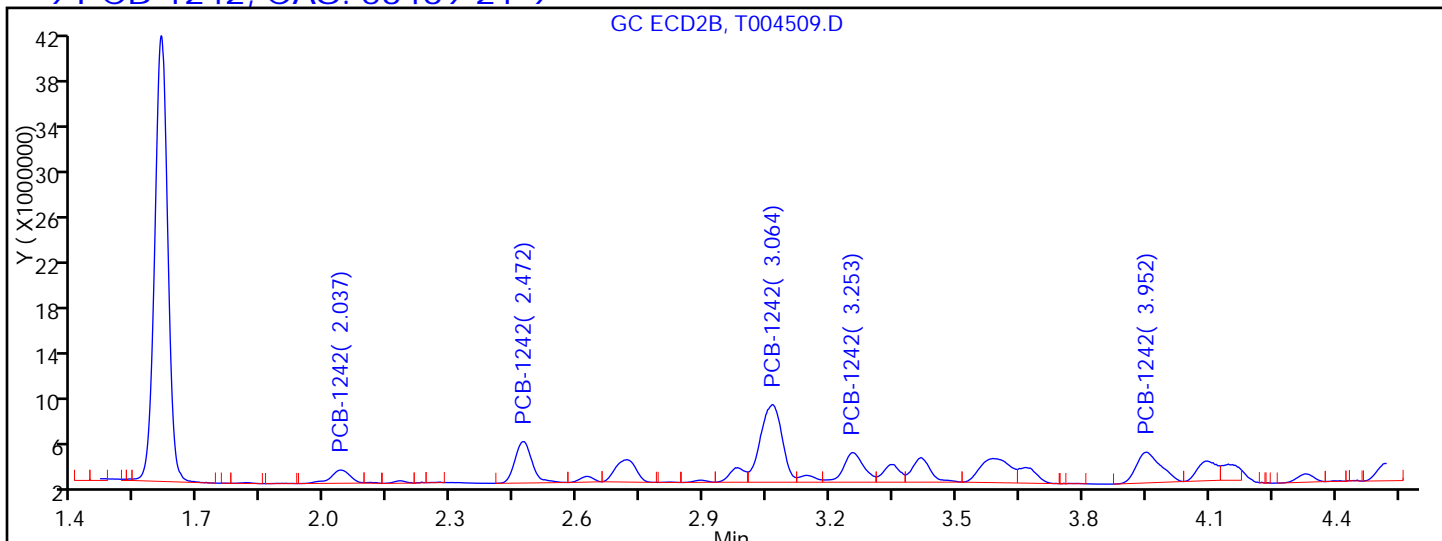
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

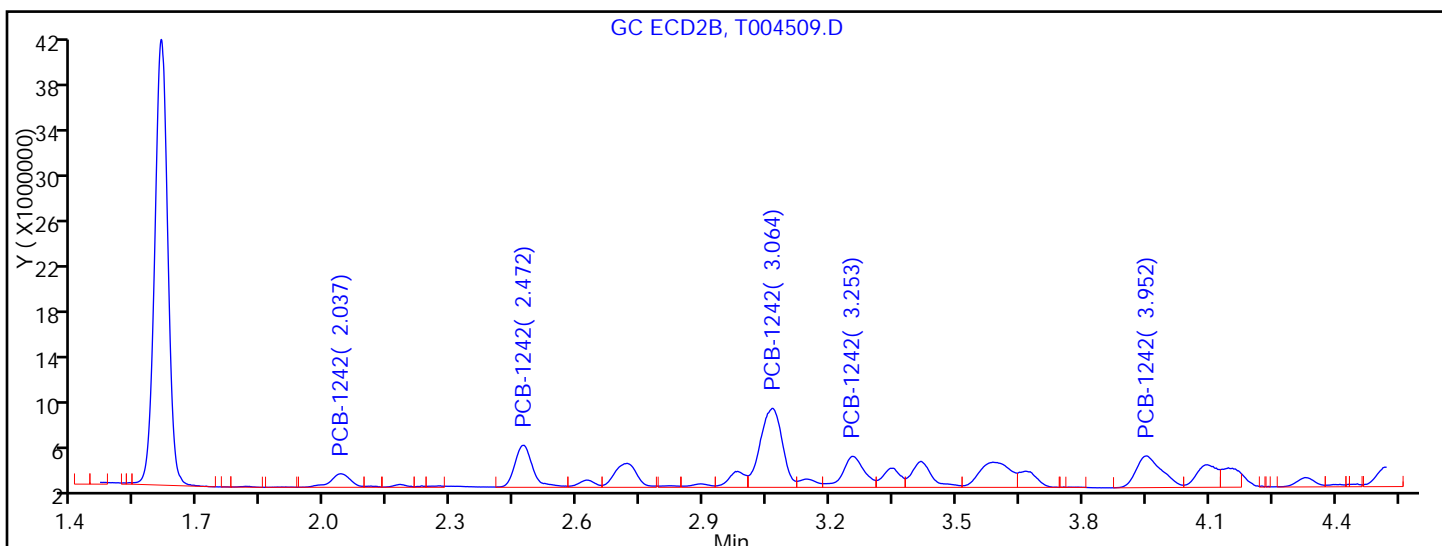
Detector GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.037	Response = 3616665	
RT = 2.472	Response = 10080348	M
RT = 3.064	Response = 23892829	M
RT = 3.253	Response = 8538894	M
RT = 3.952	Response = 10576180	



Manual Integration Results

RT = 2.037	Response = 3616665	
RT = 2.472	Response = 10667899	M
RT = 3.064	Response = 24734950	M
RT = 3.253	Response = 9490978	M
RT = 3.952	Response = 10576180	

Reviewer: patelji, 12-Mar-2014 08:48:44

Audit Action: Assigned New Baseline

Audit Reason: Column bleed

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: T004510.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 06:40
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212066 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	91		72	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004510.D
 Lims ID: 460-72180-F-22-B Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:40:29 ALS Bottle#: 24 Worklist Smp#: 54
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-054
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:49:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.425	8.423	0.002	3771536	149.2	M
1	10.075	10.075	0.0	2128579	111.3	M
1	10.391	10.391	0.0	4917230	117.9	M
1	11.203	11.198	0.005	1428650	131.9	
Average of Peak Amounts =					127.6	
2	5.968	5.972	-0.004	8375146	122.1	
2	7.485	7.486	-0.001	9100793	129.3	
2	8.119	8.121	-0.002	18031789	118.5	
2	8.754	8.760	-0.006	10377530	129.3	
2	10.054	10.058	-0.004	5094704	134.3	
Average of Peak Amounts =					126.7	

RPD = 0.67

\$ 5 DCB Decachlorobiphenyl

1	11.646	11.636	0.010	17395081	54.1	M
2	10.553	10.555	-0.002	61698632	50.6	

RPD = 6.63

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004510.D

Injection Date: 12-Mar-2014 06:40:29

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-22-B

Lab Sample ID: 460-72180-22

Worklist Smp#: 54

Client ID: PMP-31SW-VS

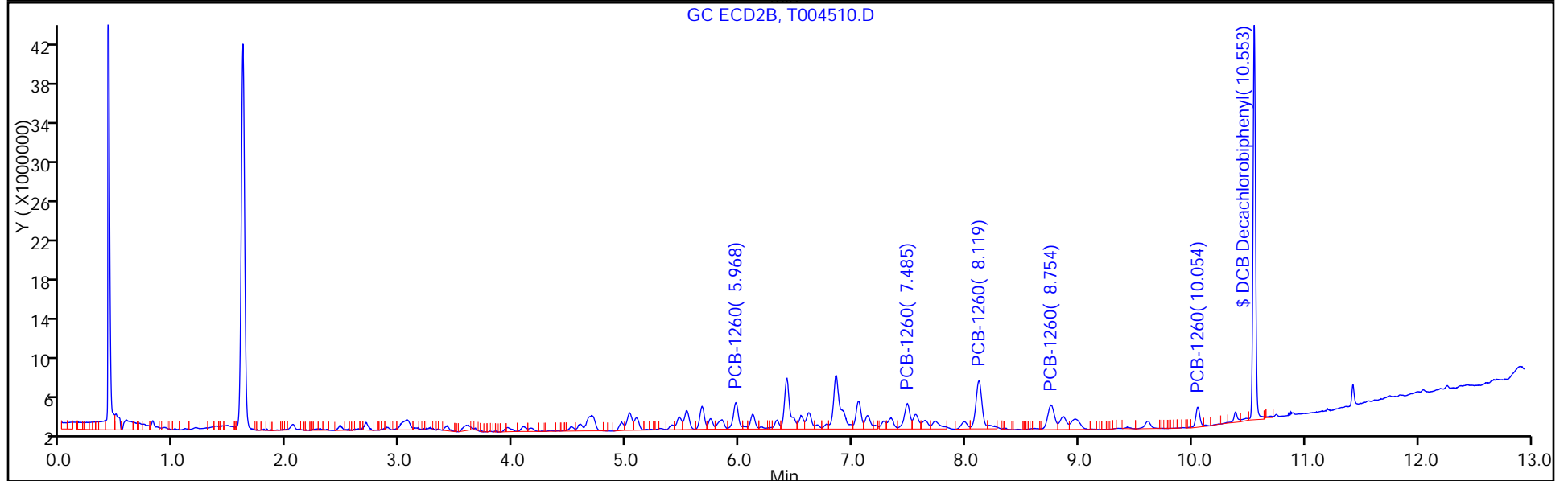
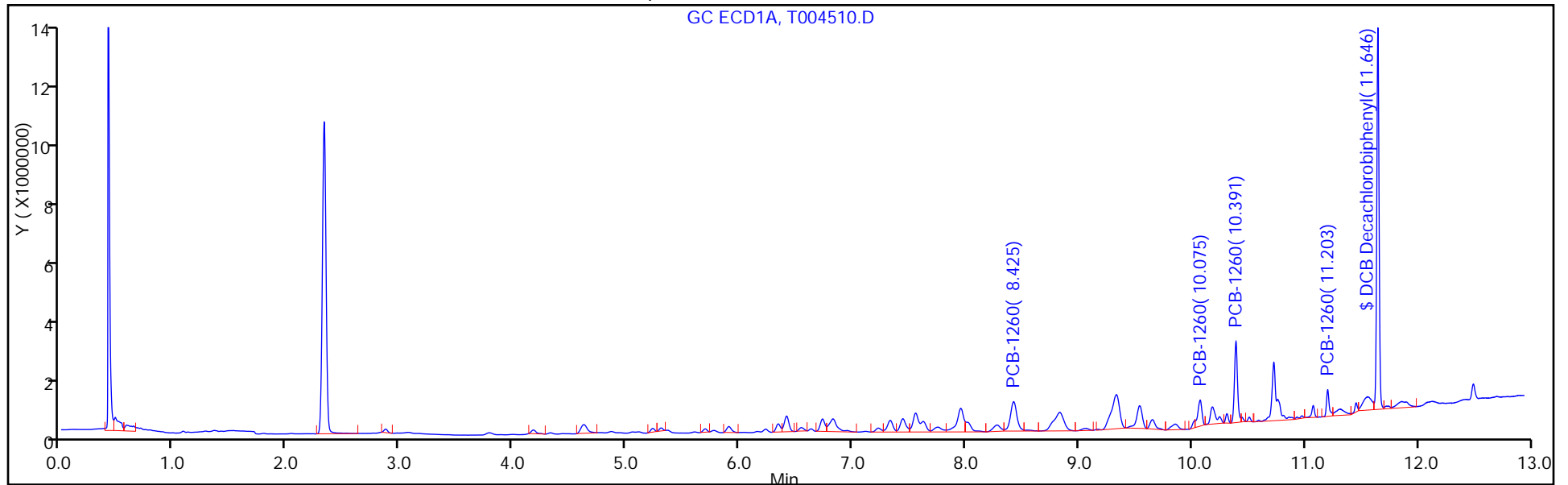
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8082GC11

Limit Group: GC 8082 PCB



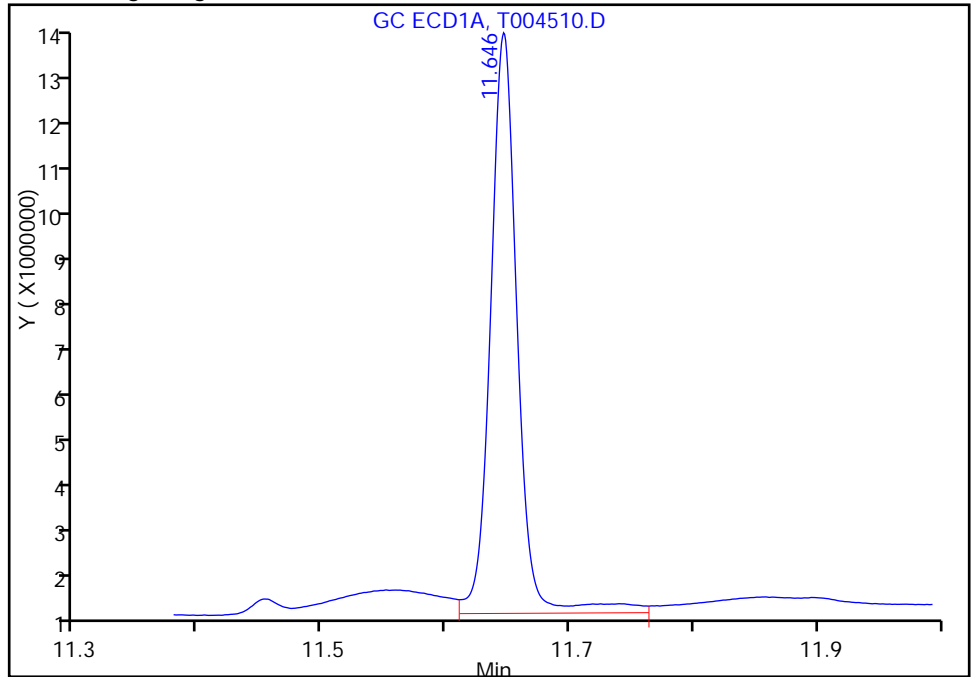
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004510.D
Injection Date: 12-Mar-2014 06:40:29 Instrument ID: CPESTGC11
Lims ID: 460-72180-F-22-B Lab Sample ID: 460-72180-22
Client ID: PMP-31SW-VS
Operator ID: ALS Bottle#: 24 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082 PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

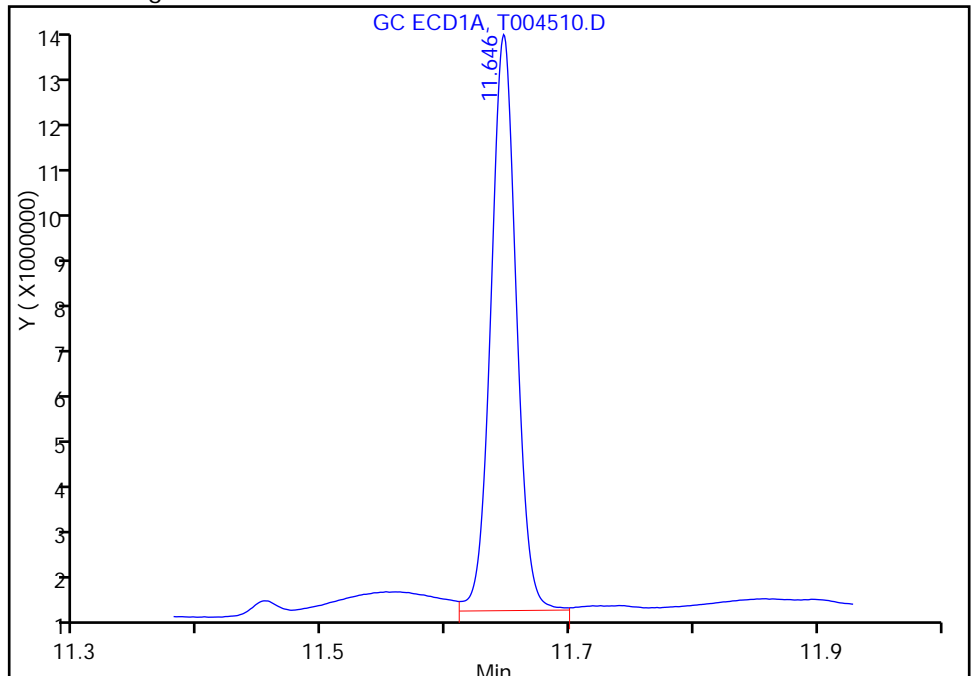
Processing Integration Results

RT: 11.65
Response: 18580259
Amount: 57.754244



Manual Integration Results

RT: 11.65
Response: 17395081
Amount: 54.070277



Reviewer: patelji, 12-Mar-2014 08:49:20
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: T004510.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:35
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.05(g) Date Analyzed: 03/12/2014 06:40
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212066 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	16	U	72	16
11104-28-2	Aroclor 1221	16	U	72	16
11141-16-5	Aroclor 1232	16	U	72	16
53469-21-9	Aroclor 1242	16	U	72	16
12672-29-6	Aroclor 1248	16	U	72	16
11097-69-1	Aroclor 1254	20	U	72	20
37324-23-5	Aroclor 1262	20	U	72	20
11100-14-4	Aroclor 1268	20	U	72	20

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\20140312-10737.b\T004510.D
 Lims ID: 460-72180-F-22-B Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:40:29 ALS Bottle#: 24 Worklist Smp#: 54
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-054
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:49:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.425	8.423	0.002	3771536	149.2	M
1	10.075	10.075	0.0	2128579	111.3	M
1	10.391	10.391	0.0	4917230	117.9	M
1	11.203	11.198	0.005	1428650	131.9	
Average of Peak Amounts =					127.6	
2	5.968	5.972	-0.004	8375146	122.1	
2	7.485	7.486	-0.001	9100793	129.3	
2	8.119	8.121	-0.002	18031789	118.5	
2	8.754	8.760	-0.006	10377530	129.3	
2	10.054	10.058	-0.004	5094704	134.3	
Average of Peak Amounts =					126.7	
					RPD = 0.67	

\$ 5 DCB Decachlorobiphenyl

1	11.646	11.636	0.010	17395081	54.1	M
2	10.553	10.555	-0.002	61698632	50.6	
					RPD = 6.63	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004510.D

Injection Date: 12-Mar-2014 06:40:29

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-22-B

Lab Sample ID: 460-72180-22

Worklist Smp#: 54

Client ID: PMP-31SW-VS

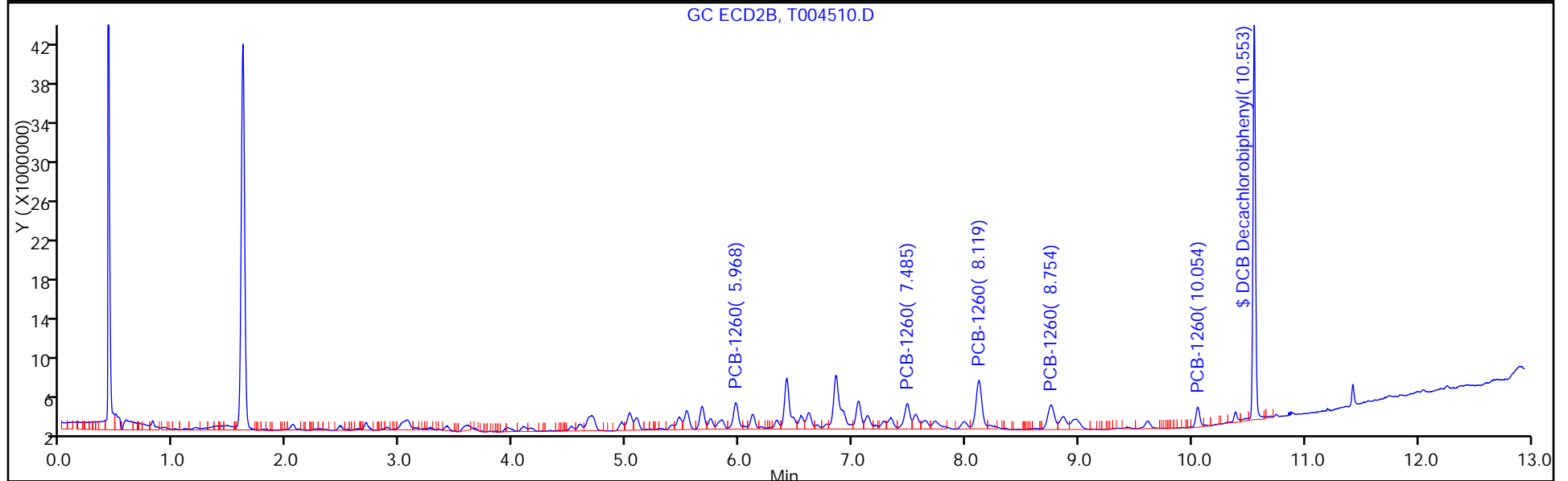
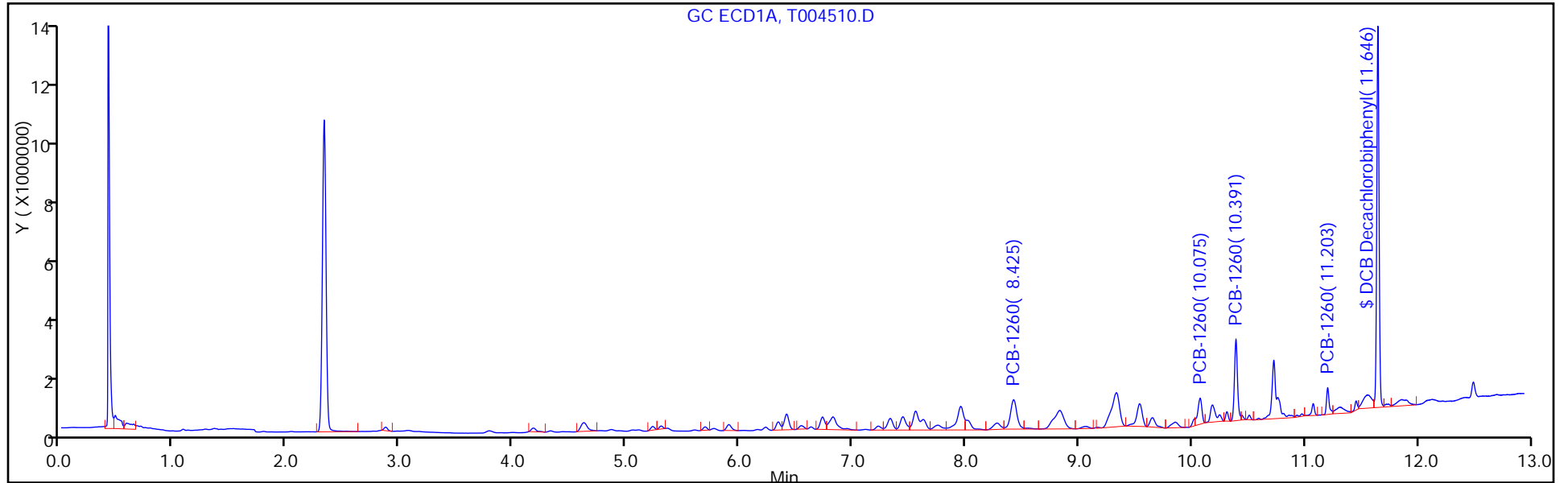
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: T004511.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 06:59
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212066 Units: ug/Kg

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\20140312-10737.b\T004511.D
 Lims ID: 460-72180-F-23-B Lab Sample ID: 460-72180-23
 Client ID: PMP-32SW-VS
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:59:36 ALS Bottle#: 25 Worklist Smp#: 55
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-055
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:49:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	11.640	11.636	0.004	18013336	56.0
2	10.552	10.555	-0.003	62134177	51.0

RPD = 9.42

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004511.D

Injection Date: 12-Mar-2014 06:59:36

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-23-B

Lab Sample ID: 460-72180-23

Worklist Smp#: 55

Client ID: PMP-32SW-VS

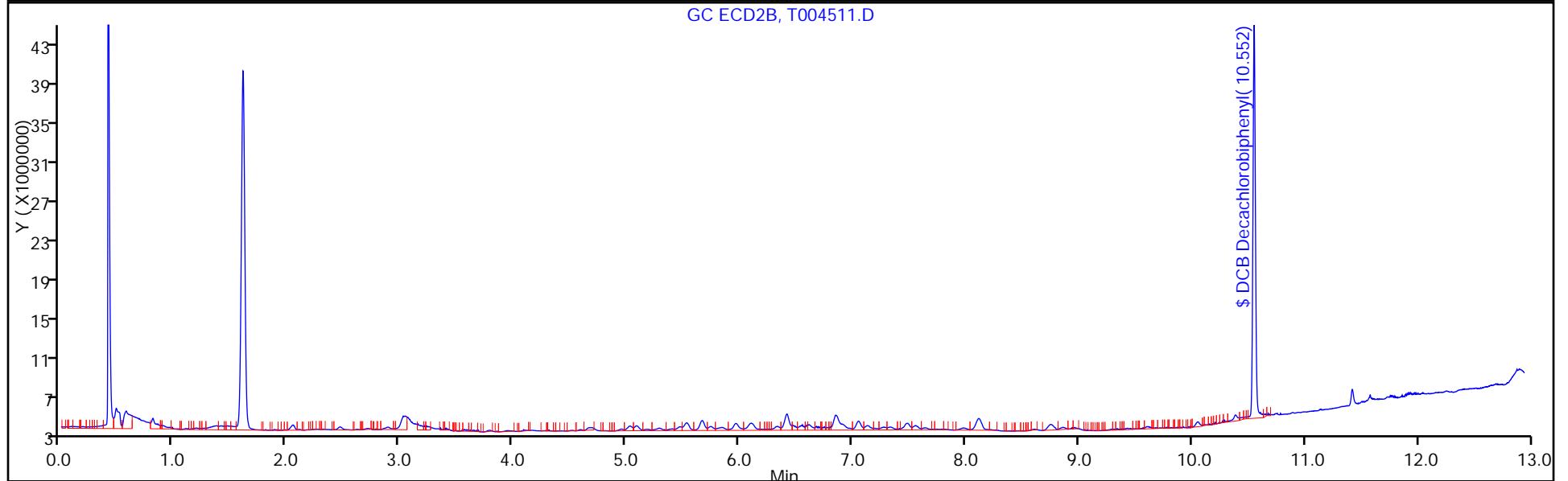
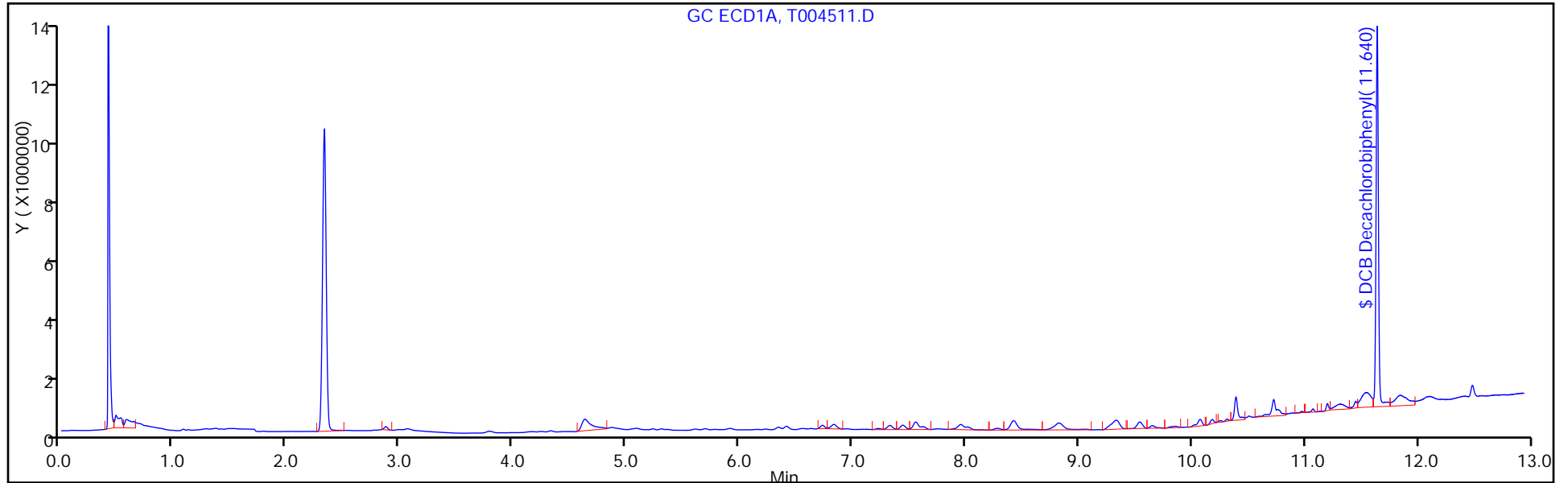
Injection Vol: 1.0 ul

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: T004511.D
 Analysis Method: 8082 Date Collected: 03/07/2014 12:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 06:59
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212066 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	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	102		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004511.D
 Lims ID: 460-72180-F-23-B Lab Sample ID: 460-72180-23
 Client ID: PMP-32SW-VS
 Sample Type: Client
 Inject. Date: 12-Mar-2014 06:59:36 ALS Bottle#: 25 Worklist Smp#: 55
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-055
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:49:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl

1	11.640	11.636	0.004	18013336	56.0
2	10.552	10.555	-0.003	62134177	51.0

RPD = 9.42

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004511.D

Injection Date: 12-Mar-2014 06:59:36

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-23-B

Lab Sample ID: 460-72180-23

Worklist Smp#: 55

Client ID: PMP-32SW-VS

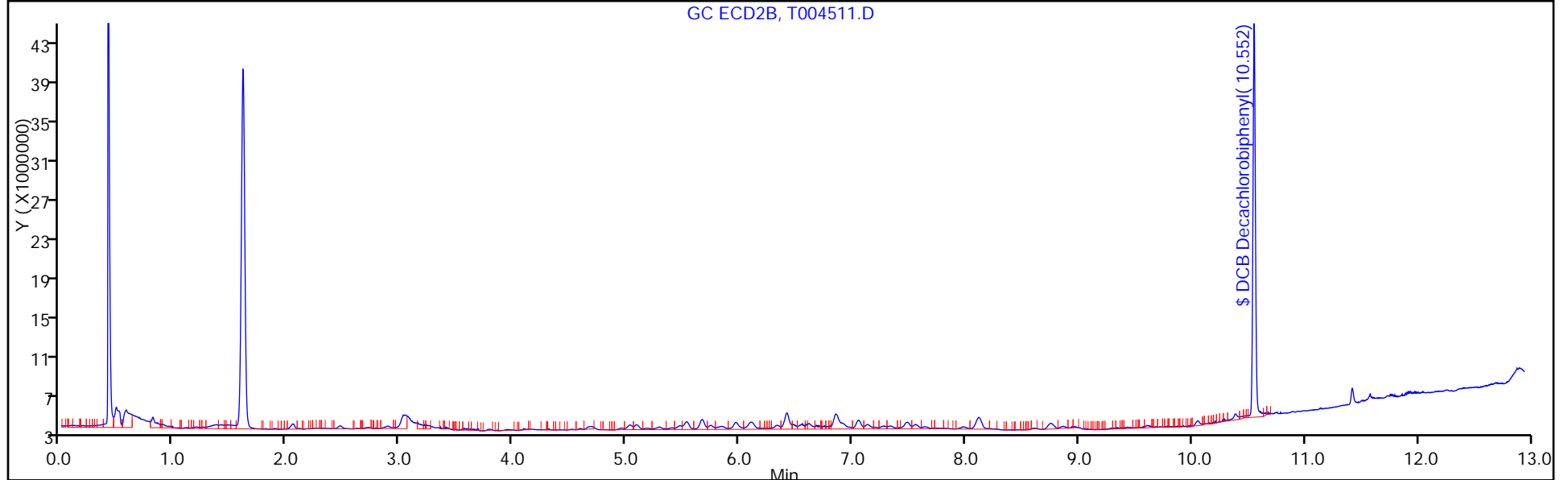
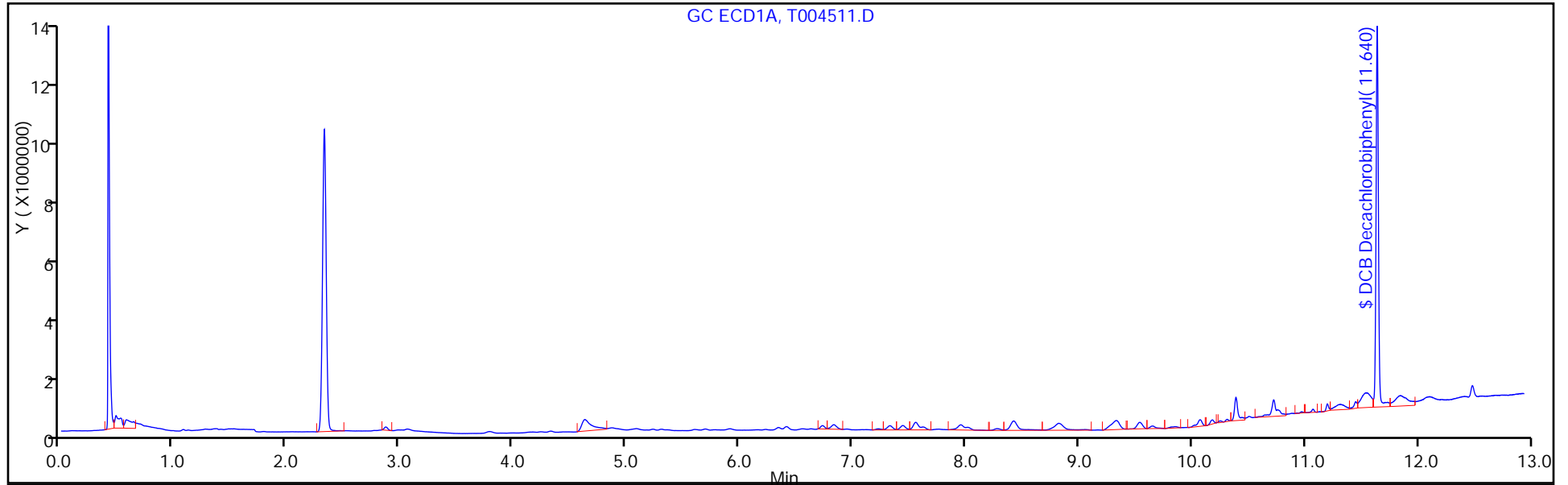
Injection Vol: 1.0 ul

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: T004522.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:31
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212092 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	9900		720	160
11096-82-5	Aroclor 1260	1300		720	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004522.D
 Lims ID: 460-72180-F-24-D Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 12-Mar-2014 10:31:23 ALS Bottle#: 8 Worklist Smp#: 66
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-066
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 13:26:21 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:53:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248

1	3.789	3.789	0.0	14089965	2039.6	
1	4.624	4.624	0.0	27367422	1632.4	M
1	5.237	5.239	-0.002	10214985	996.7	M
1	6.346	6.347	-0.001	14999365	1086.3	M
1	6.421	6.423	-0.002	18223298	1147.5	M
Average of Peak Amounts =					1380.5	
2	2.469	2.470	-0.001	50559198	1919.9	M
2	3.063	3.061	0.002	90236805	1278.0	M
2	3.950	3.954	-0.004	67402496	1008.2	
2	4.674	4.675	-0.001	98556698	873.9	M
2	0.0	5.034	-5.034	0	0	
Average of Peak Amounts =					1270.0	

RPD = 8.34

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.430	8.423	0.007	5153977	203.9	
1	10.076	10.075	0.001	3620918	189.4	
1	10.393	10.391	0.002	7168116	171.9	M
1	11.202	11.198	0.004	1801549	166.4	
Average of Peak Amounts =					182.9	
2	5.972	5.972	0.0	13112744	191.2	M
2	7.485	7.486	-0.001	12012023	170.7	M
2	8.121	8.121	0.0	25621854	168.4	M
2	8.760	8.760	0.0	13303508	165.8	M
2	10.056	10.058	-0.002	6034728	159.1	
Average of Peak Amounts =					171.1	

RPD = 6.68

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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S 7 Polychlorinated biphenyls, Total
1

1563.4

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004522.D

Injection Date: 12-Mar-2014 10:31:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-24-D

Lab Sample ID: 460-72180-24

Worklist Smp#: 66

Client ID: DUP_030714

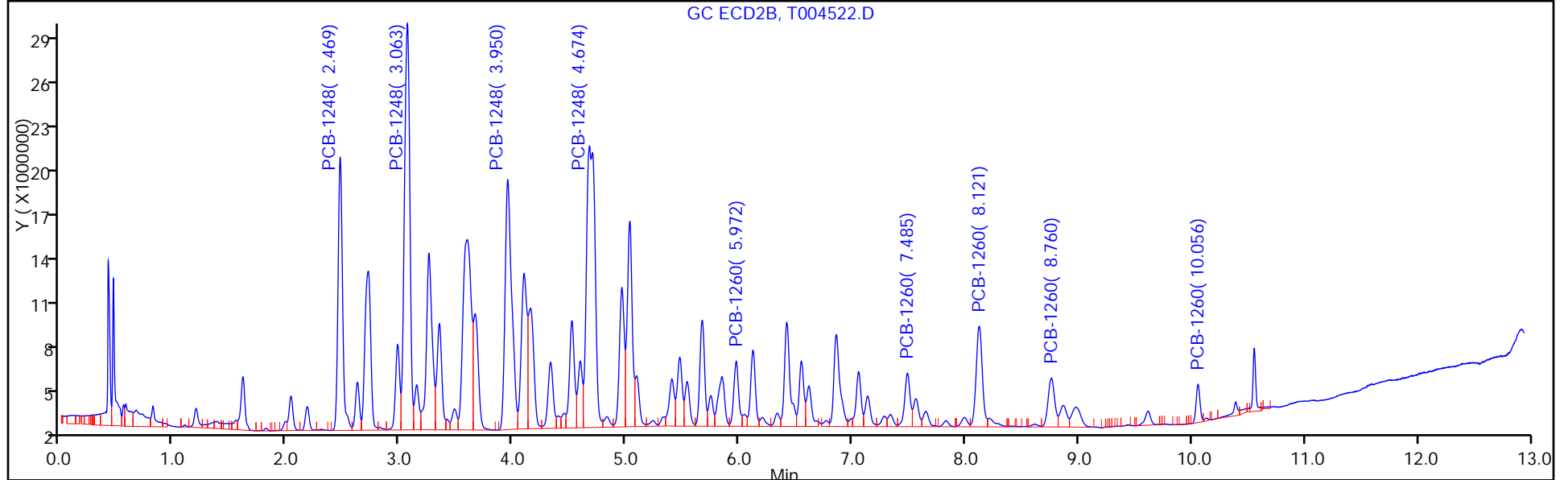
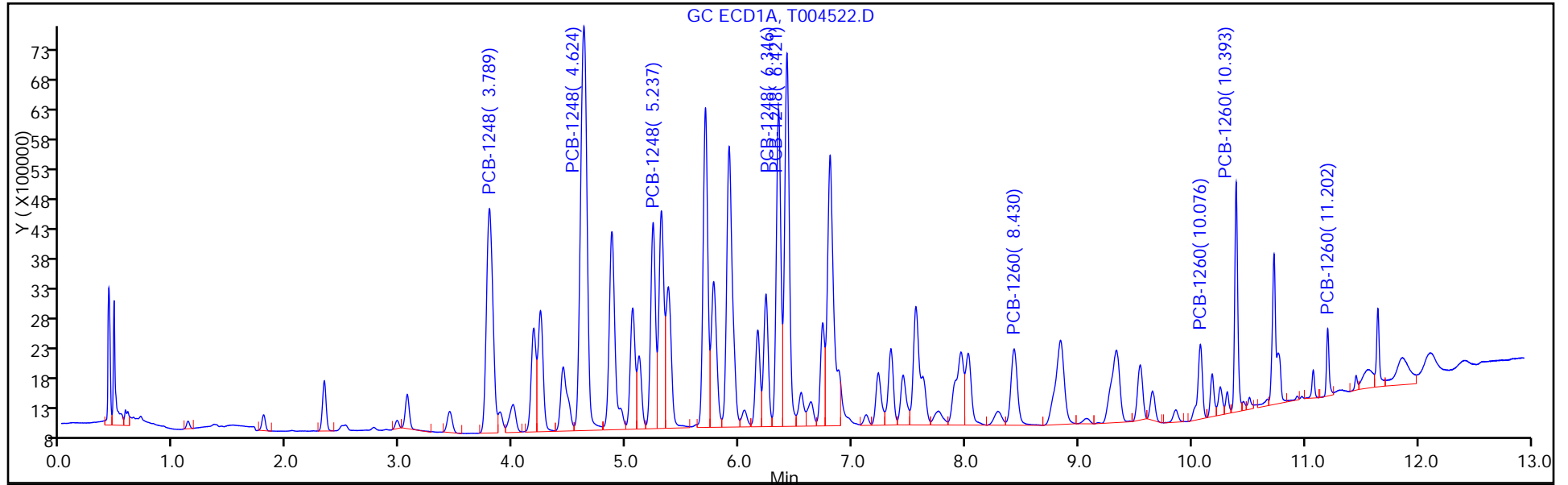
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 8

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004522.D

Injection Date: 12-Mar-2014 10:31:23

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-24-D

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 66

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

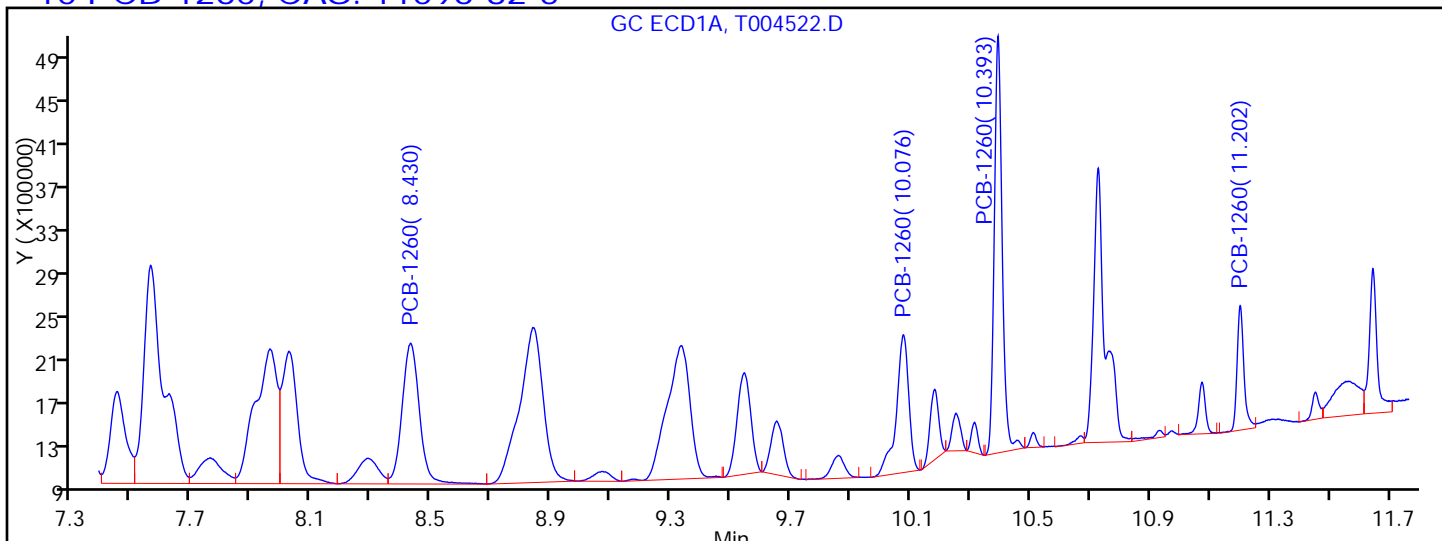
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

Detector: GC ECD1A

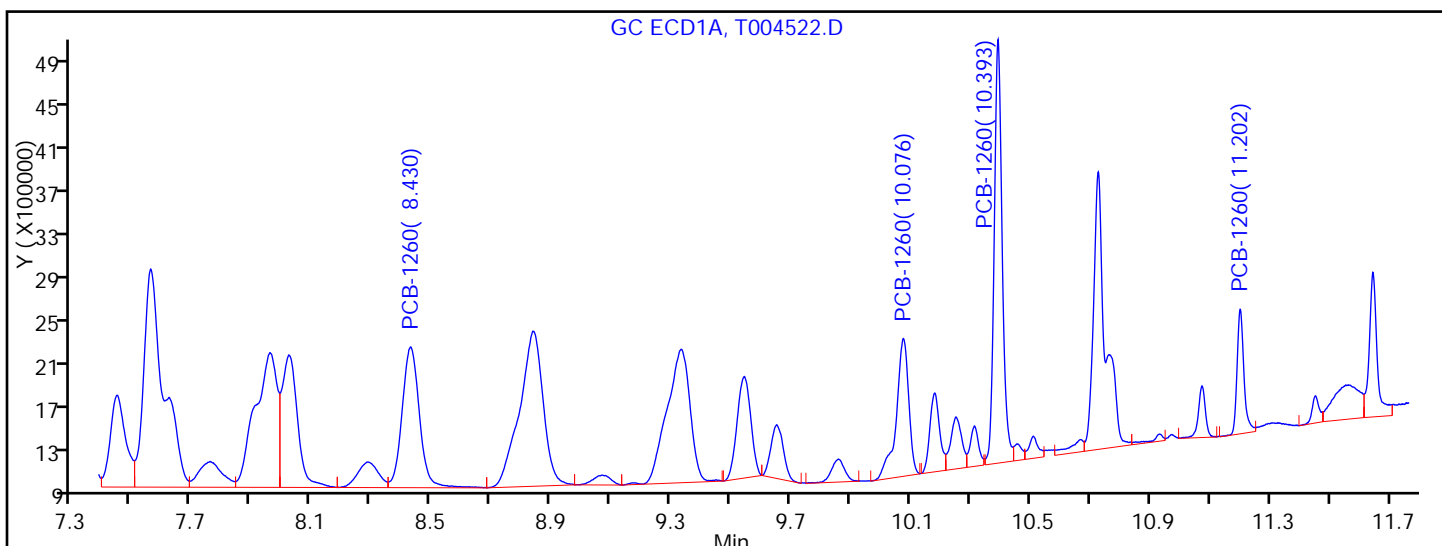
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.959	Response = 6257274
RT = 8.430	Response = 5153977
RT = 10.076	Response = 3620918
RT = 10.393	Response = 6942089
RT = 11.202	Response = 1801549

M



Manual Integration Results

RT = 0.000	Response = 0
RT = 8.430	Response = 5153977
RT = 10.076	Response = 3620918
RT = 10.393	Response = 7168116
RT = 11.202	Response = 1801549

M

Reviewer: patelji, 12-Mar-2014 11:53:06

Audit Action: Split an Integrated Peak

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: T004522.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:31
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212092 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	720	160
11104-28-2	Aroclor 1221	160	U	720	160
11141-16-5	Aroclor 1232	160	U	720	160
53469-21-9	Aroclor 1242	160	U	720	160
11097-69-1	Aroclor 1254	200	U	720	200
37324-23-5	Aroclor 1262	200	U	720	200
11100-14-4	Aroclor 1268	200	U	720	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004522.D
 Lims ID: 460-72180-F-24-D Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 12-Mar-2014 10:31:23 ALS Bottle#: 8 Worklist Smp#: 66
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010737-066
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 13:26:21 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 11:53:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

3 PCB-1248

1	3.789	3.789	0.0	14089965	2039.6	
1	4.624	4.624	0.0	27367422	1632.4	M
1	5.237	5.239	-0.002	10214985	996.7	M
1	6.346	6.347	-0.001	14999365	1086.3	M
1	6.421	6.423	-0.002	18223298	1147.5	M
Average of Peak Amounts =					1380.5	
2	2.469	2.470	-0.001	50559198	1919.9	M
2	3.063	3.061	0.002	90236805	1278.0	M
2	3.950	3.954	-0.004	67402496	1008.2	
2	4.674	4.675	-0.001	98556698	873.9	M
2	0.0	5.034	-5.034	0	0	
Average of Peak Amounts =					1270.0	

RPD = 8.34

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.430	8.423	0.007	5153977	203.9	
1	10.076	10.075	0.001	3620918	189.4	
1	10.393	10.391	0.002	7168116	171.9	M
1	11.202	11.198	0.004	1801549	166.4	
Average of Peak Amounts =					182.9	
2	5.972	5.972	0.0	13112744	191.2	M
2	7.485	7.486	-0.001	12012023	170.7	M
2	8.121	8.121	0.0	25621854	168.4	M
2	8.760	8.760	0.0	13303508	165.8	M
2	10.056	10.058	-0.002	6034728	159.1	
Average of Peak Amounts =					171.1	

RPD = 6.68

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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S 7 Polychlorinated biphenyls, Total
1

1563.4

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004522.D

Injection Date: 12-Mar-2014 10:31:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-24-D

Lab Sample ID: 460-72180-24

Worklist Smp#: 66

Client ID: DUP_030714

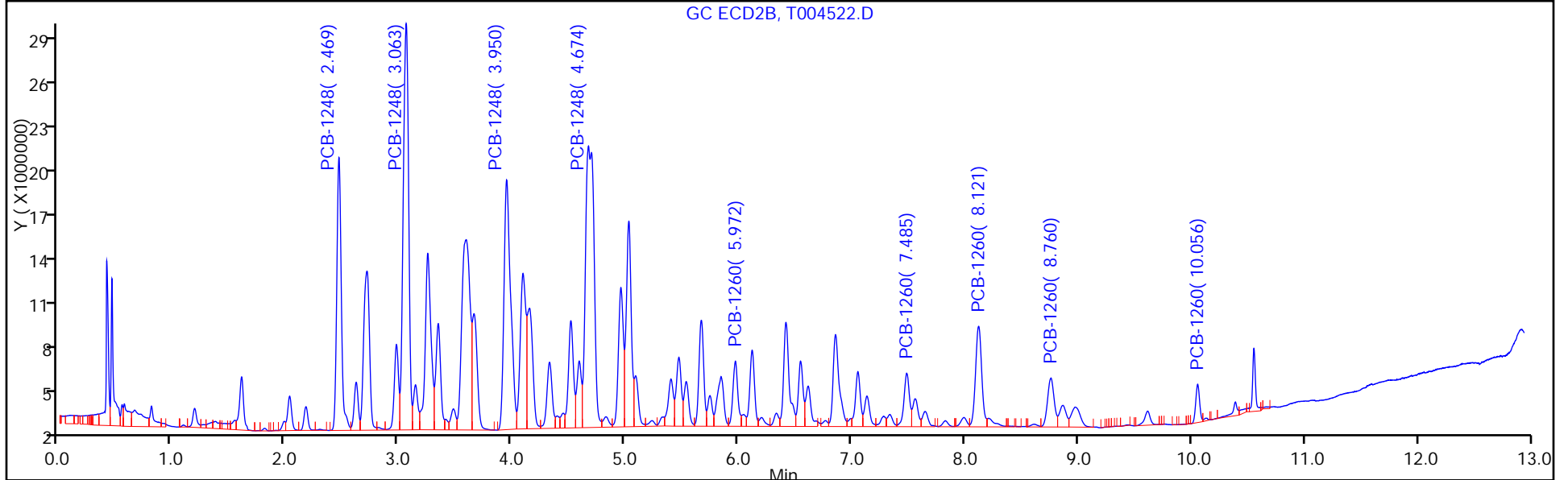
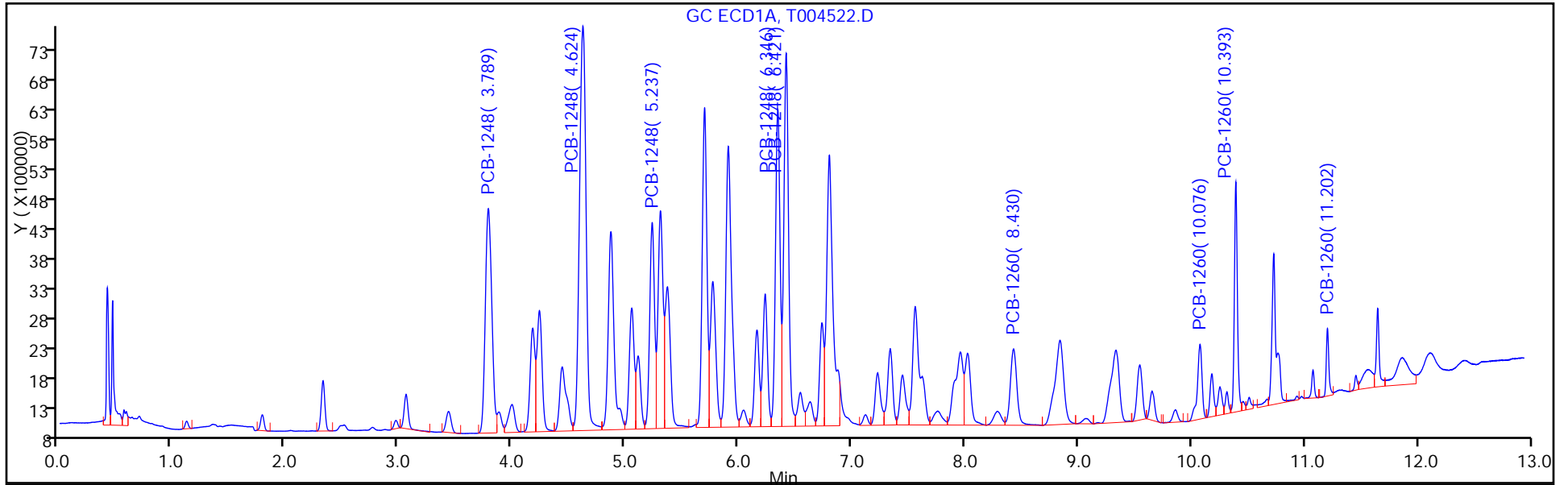
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 8

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004522.D

Injection Date: 12-Mar-2014 10:31:23

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-24-D

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 66

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

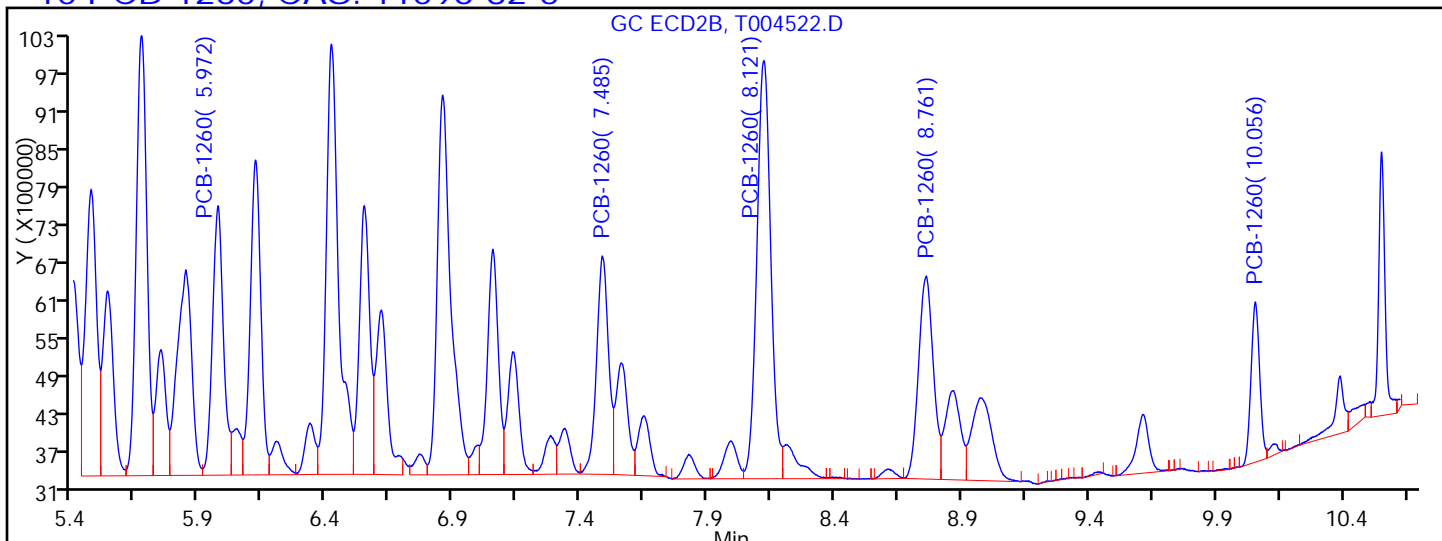
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

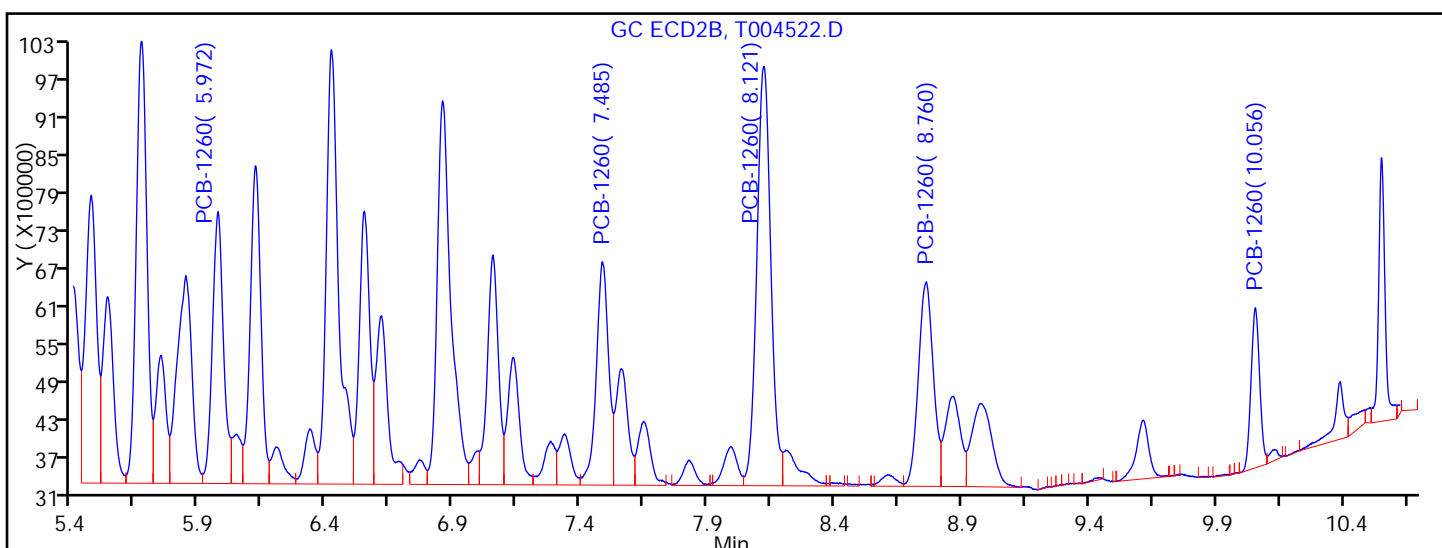
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.972	Response = 12835113	M
RT = 7.485	Response = 11375620	M
RT = 8.121	Response = 25432895	M
RT = 8.761	Response = 13066885	M
RT = 10.056	Response = 6034728	



Manual Integration Results

RT = 5.972	Response = 13112744	M
RT = 7.485	Response = 12012023	M
RT = 8.121	Response = 25621854	M
RT = 8.760	Response = 13303508	M
RT = 10.056	Response = 6034728	

Reviewer: patelji, 12-Mar-2014 11:53:06

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: T004561.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:00
 Con. Extract Vol.: 10(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 14.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	16000		1600	350
11096-82-5	Aroclor 1260	1100	J	1600	440

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D
 Lims ID: 460-72180-F-25-B Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:00:10 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 14:48:42 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 09:41:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242 M

1	3.056	3.065	-0.009	4576971	679.8	
1	3.783	3.792	-0.009	12010195	901.6	
1	4.620	4.627	-0.007	30549046	1184.6	
1	4.866	4.876	-0.010	13485672	1299.4	
1	0.0	6.424	-6.424	0	0	

Average of Peak Amounts = 1016.3

2	2.031	2.035	-0.004	19219198	700.3	M
2	2.466	2.472	-0.006	41658484	805.7	M
2	3.060	3.065	-0.005	102589068	955.7	M
2	3.250	3.257	-0.007	45284474	1049.2	M
2	3.945	3.954	-0.009	47244545	1097.0	M

Average of Peak Amounts = 921.6

RPD = 9.78

10 PCB-1260 M

1	0.0	7.957	-7.957	0	0	
1	8.420	8.423	-0.003	2037537	80.6	M
1	10.074	10.075	-0.001	1423851	74.5	
1	10.390	10.391	-0.001	2818772	67.6	M
1	11.203	11.198	0.005	682040	63.0	

Average of Peak Amounts = 71.4

2	5.967	5.972	-0.005	6031023	88.0	M
2	7.480	7.486	-0.006	4972255	70.7	M
2	8.113	8.121	-0.008	9855672	64.8	M
2	8.756	8.760	-0.004	5025993	62.6	
2	10.054	10.058	-0.004	2421337	63.8	M

Average of Peak Amounts = 70.0

RPD = 2.03

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Injection Date: 13-Mar-2014 08:00:10

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-25-B

Lab Sample ID: 460-72180-25

Worklist Smp#: 3

Client ID: DUP2_030714

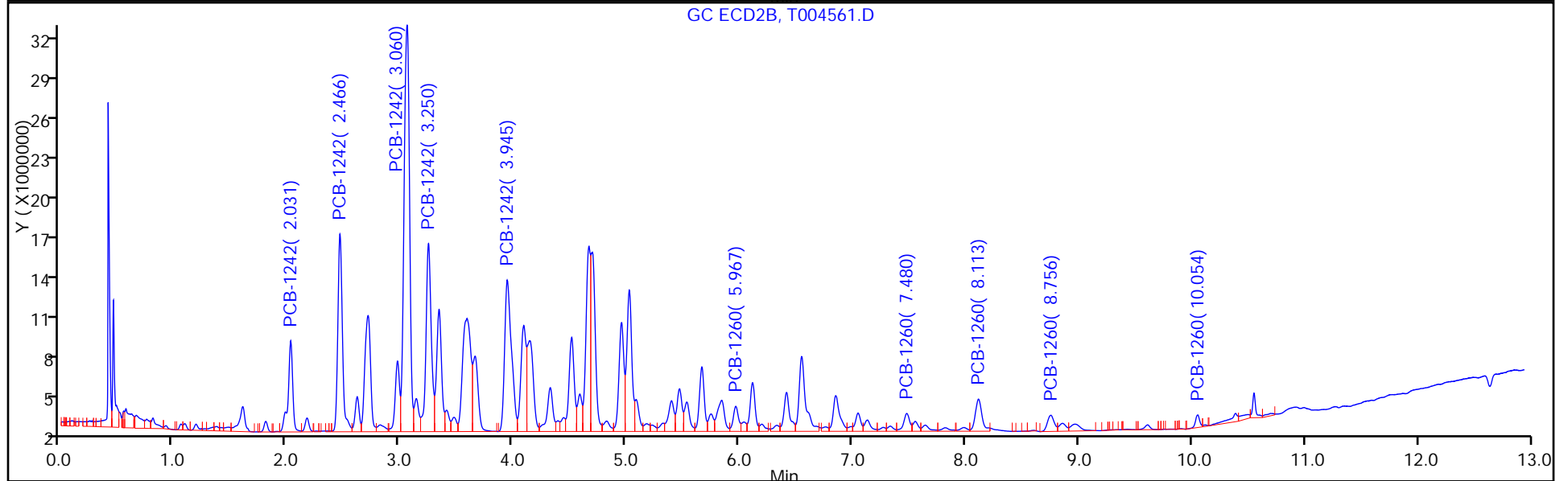
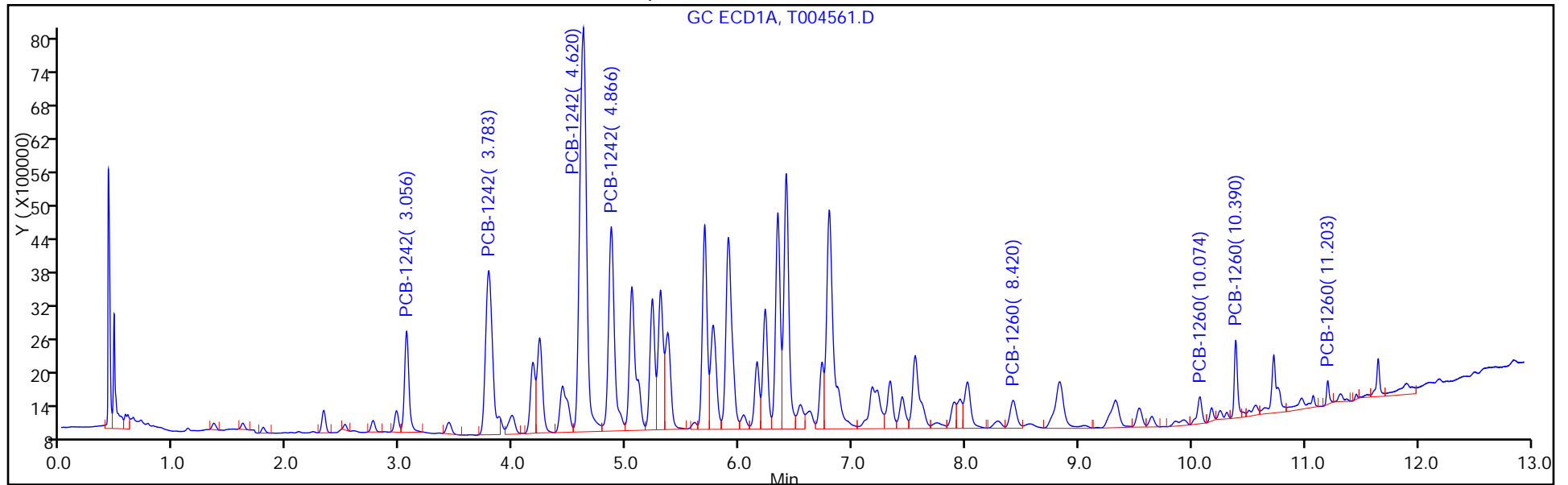
Injection Vol: 1.0 ul

Dil. Factor: 20.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Injection Date: 13-Mar-2014 08:00:10

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-25-B

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 3 Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 20.0000

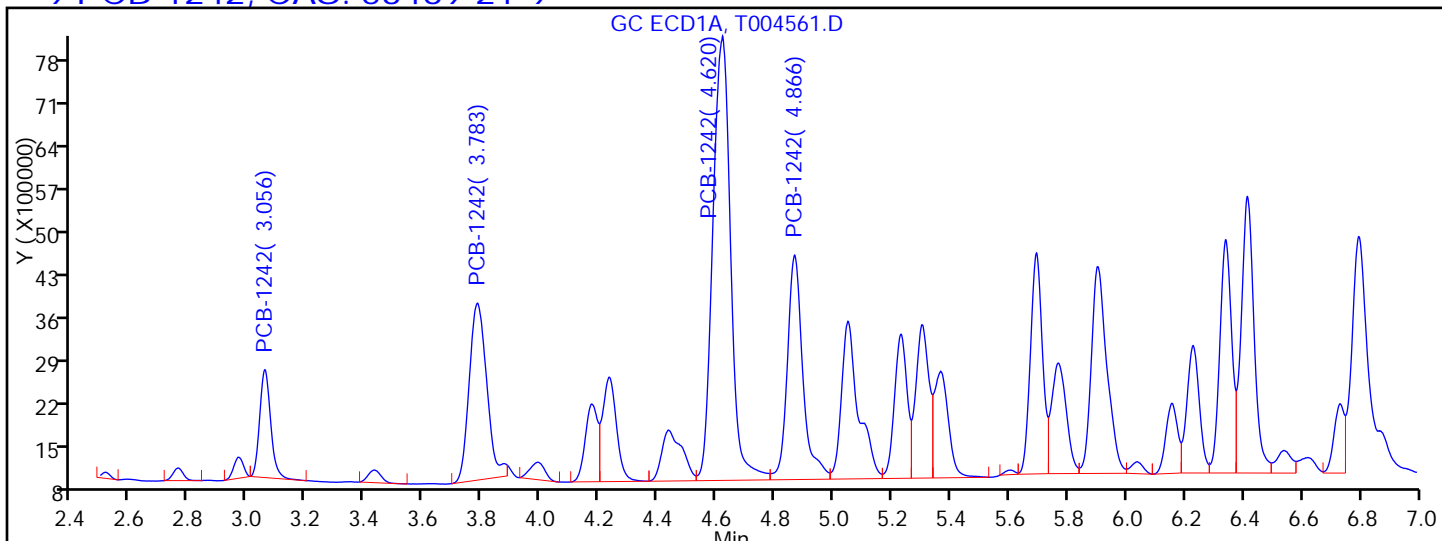
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

Detector GC ECD1A

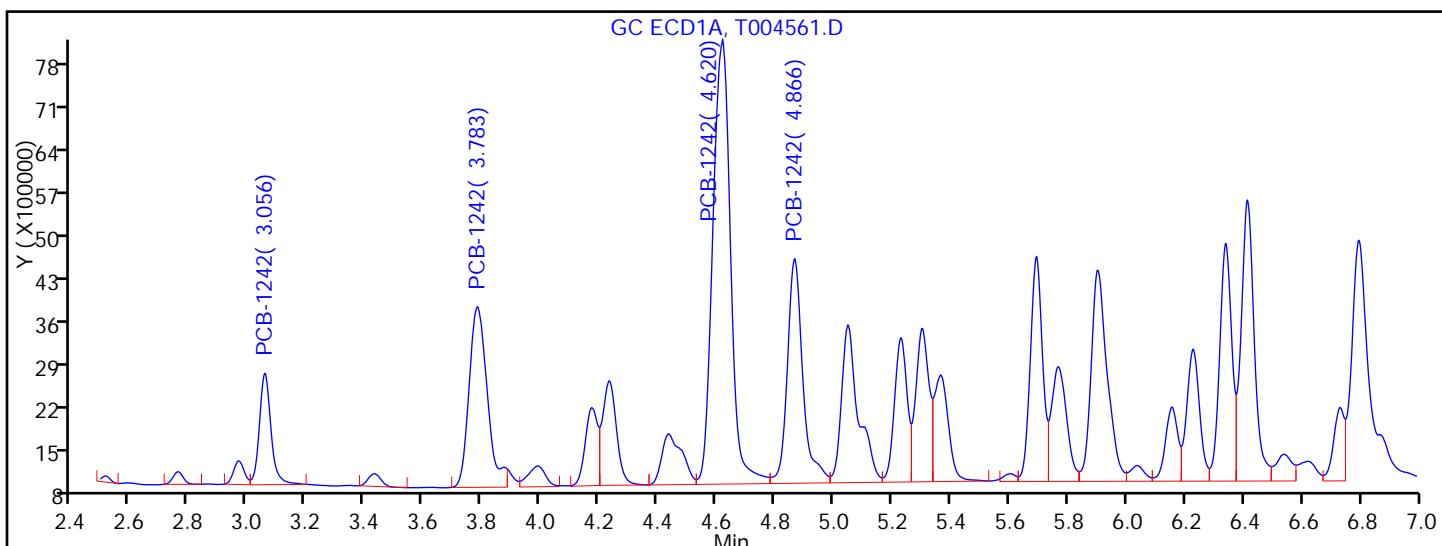
9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.056	Response = 4576971
RT = 3.783	Response = 12010195
RT = 4.620	Response = 30549046
RT = 4.866	Response = 13485672
RT = 6.414	Response = 13703297

M



Manual Integration Results

RT = 3.056	Response = 4576971
RT = 3.783	Response = 12010195
RT = 4.620	Response = 30549046
RT = 4.866	Response = 13485672
RT = 0.000	Response = 0

M

Reviewer: patelji, 13-Mar-2014 10:21:17

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Injection Date: 13-Mar-2014 08:00:10

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-25-B

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Injection Vol: 1.0 ul

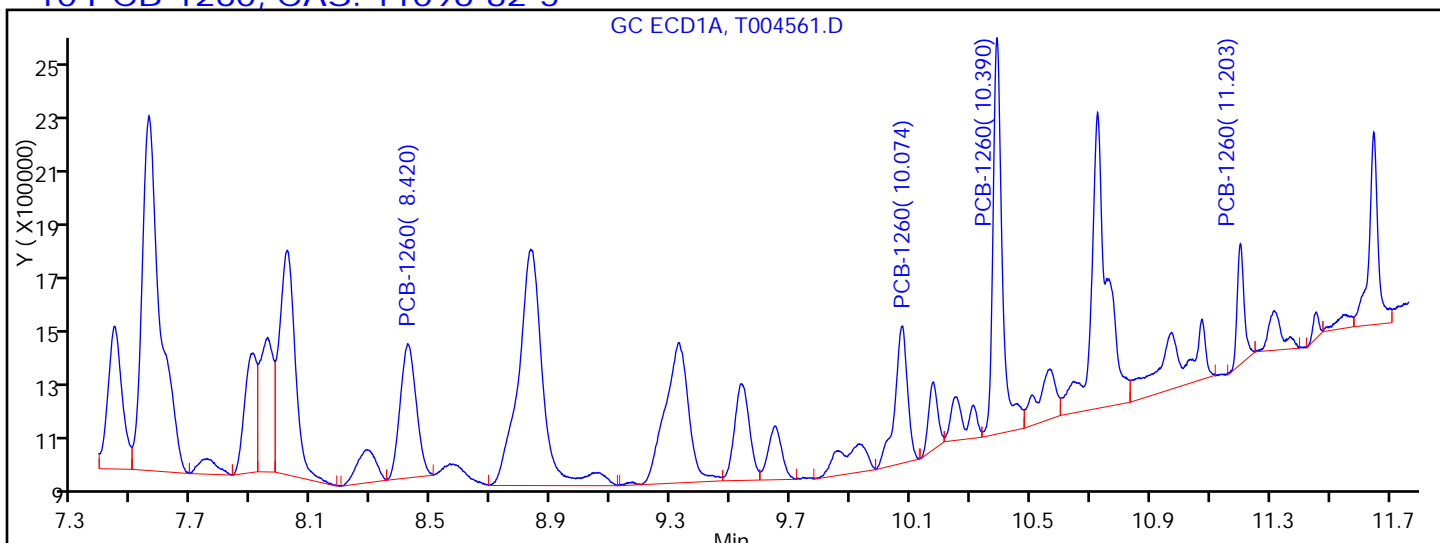
Dil. Factor: 20.0000

Method: 8082GC11

Limit Group: GC 8082 PCB

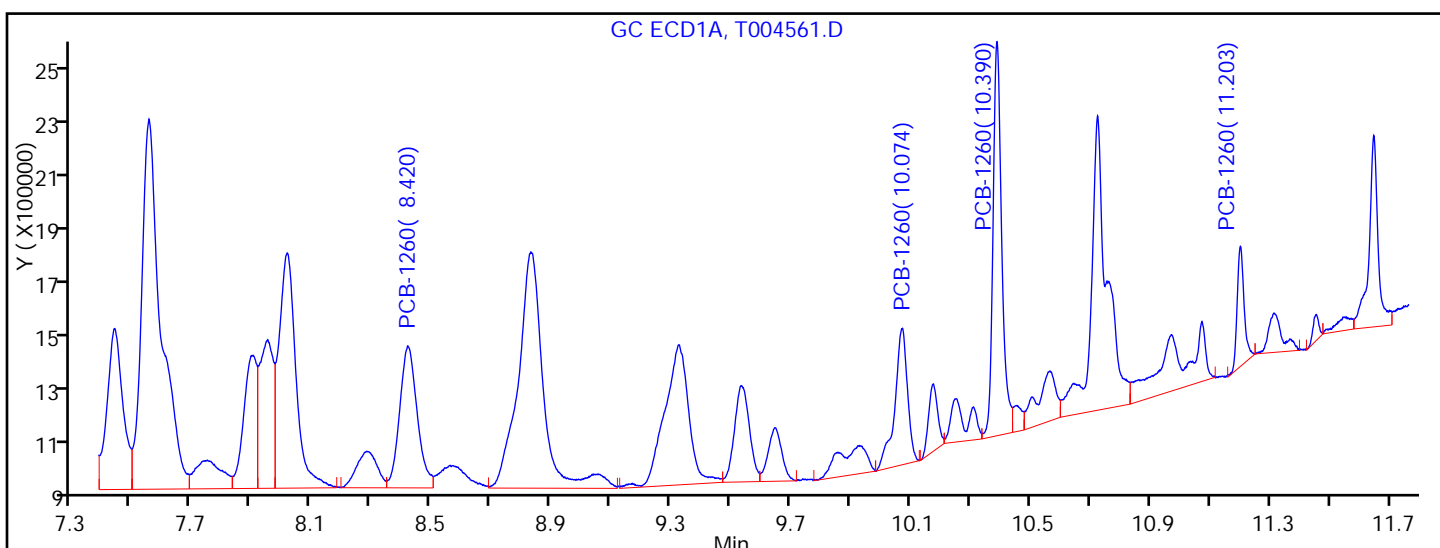
Column:

Detector: GC ECD1A

10 PCB-1260, CAS: 11096-82-5

Processing Integration Results

RT = 7.951	Response = 1476799	M
RT = 8.420	Response = 1752947	M
RT = 10.074	Response = 1423851	
RT = 10.390	Response = 3009675	M
RT = 11.203	Response = 682040	



Manual Integration Results

RT = 0.000	Response = 0	M
RT = 8.420	Response = 2037537	M
RT = 10.074	Response = 1423851	
RT = 10.390	Response = 2818772	M
RT = 11.203	Response = 682040	

Reviewer: patelji, 13-Mar-2014 10:21:17

Audit Action: Assigned New Baseline

Page 2209 of 3015

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: T004561.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 08:00
 Con. Extract Vol.: 10(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 14.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	350	U	1600	350
11104-28-2	Aroclor 1221	350	U	1600	350
11141-16-5	Aroclor 1232	350	U	1600	350
12672-29-6	Aroclor 1248	350	U	1600	350
11097-69-1	Aroclor 1254	440	U	1600	440
37324-23-5	Aroclor 1262	440	U	1600	440
11100-14-4	Aroclor 1268	440	U	1600	440

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D
 Lims ID: 460-72180-F-25-B Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:00:10 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 14:48:42 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 09:41:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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9 PCB-1242						
1	3.056	3.065	-0.009	4576971	679.8	M
1	3.783	3.792	-0.009	12010195	901.6	
1	4.620	4.627	-0.007	30549046	1184.6	
1	4.866	4.876	-0.010	13485672	1299.4	
1	0.0	6.424	-6.424	0	0	
Average of Peak Amounts =					1016.3	
2	2.031	2.035	-0.004	19219198	700.3	M
2	2.466	2.472	-0.006	41658484	805.7	M
2	3.060	3.065	-0.005	102589068	955.7	M
2	3.250	3.257	-0.007	45284474	1049.2	M
2	3.945	3.954	-0.009	47244545	1097.0	M
Average of Peak Amounts =					921.6	
					RPD = 9.78	

10 PCB-1260						
1	0.0	7.957	-7.957	0	0	M
1	8.420	8.423	-0.003	2037537	80.6	M
1	10.074	10.075	-0.001	1423851	74.5	
1	10.390	10.391	-0.001	2818772	67.6	M
1	11.203	11.198	0.005	682040	63.0	
Average of Peak Amounts =					71.4	
2	5.967	5.972	-0.005	6031023	88.0	M
2	7.480	7.486	-0.006	4972255	70.7	M
2	8.113	8.121	-0.008	9855672	64.8	M
2	8.756	8.760	-0.004	5025993	62.6	
2	10.054	10.058	-0.004	2421337	63.8	M
Average of Peak Amounts =					70.0	
					RPD = 2.03	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHRON\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Injection Date: 13-Mar-2014 08:00:10

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-25-B

Lab Sample ID: 460-72180-25

Worklist Smp#: 3

Client ID: DUP2_030714

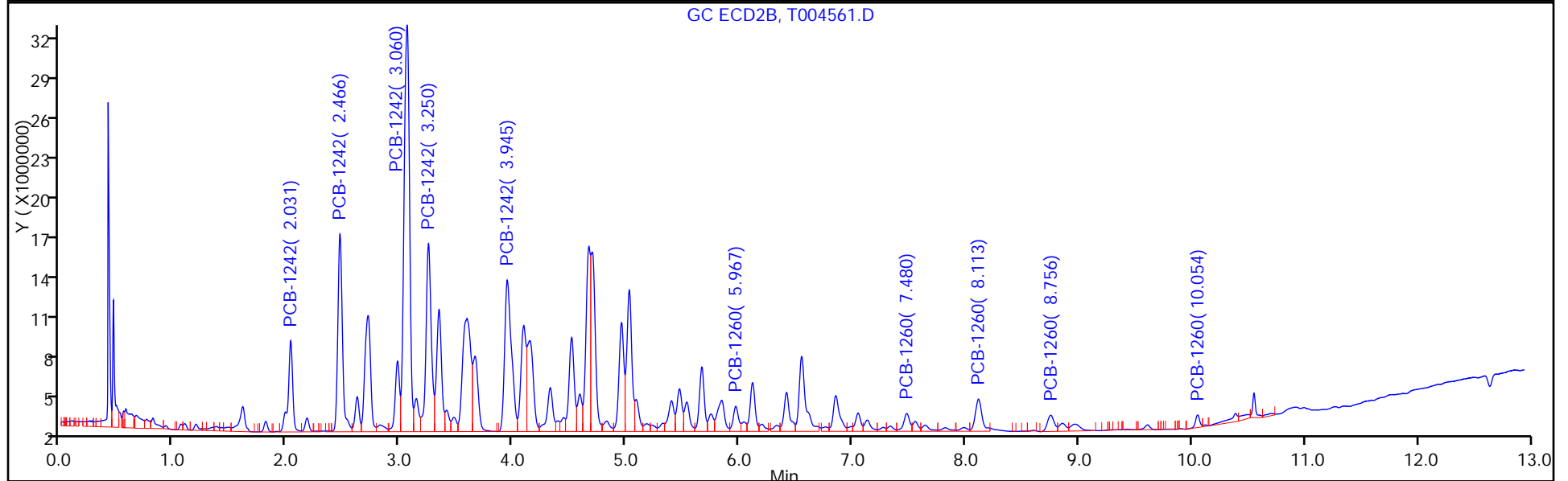
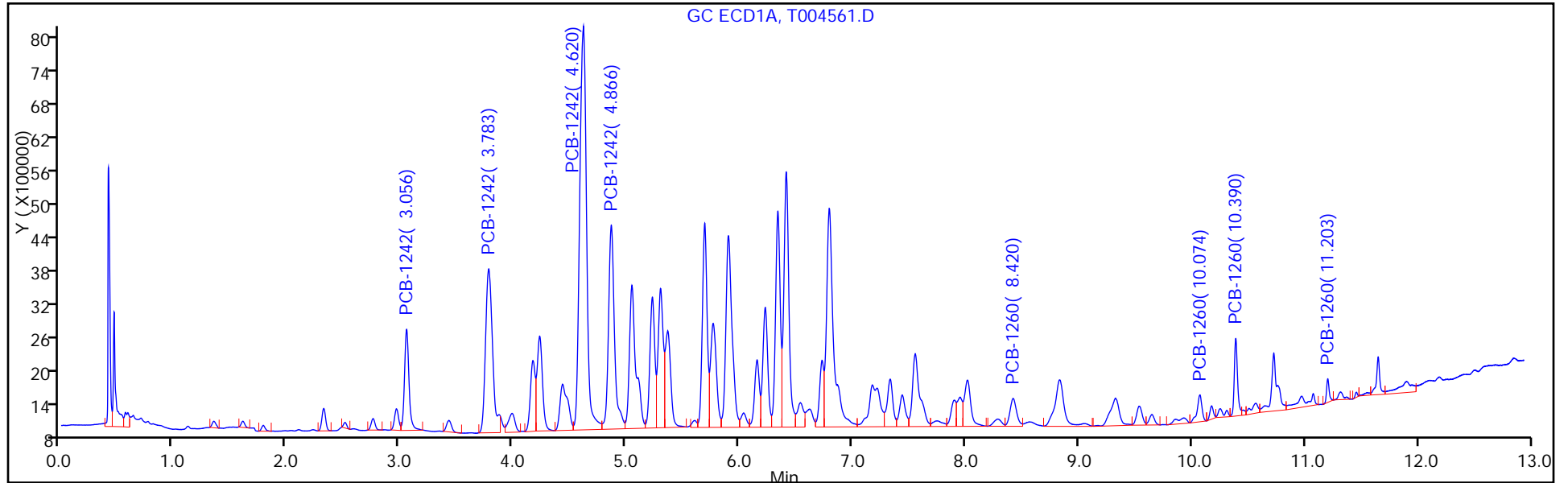
Injection Vol: 1.0 ul

Dil. Factor: 20.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Injection Date: 13-Mar-2014 08:00:10

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-25-B

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 20.0000

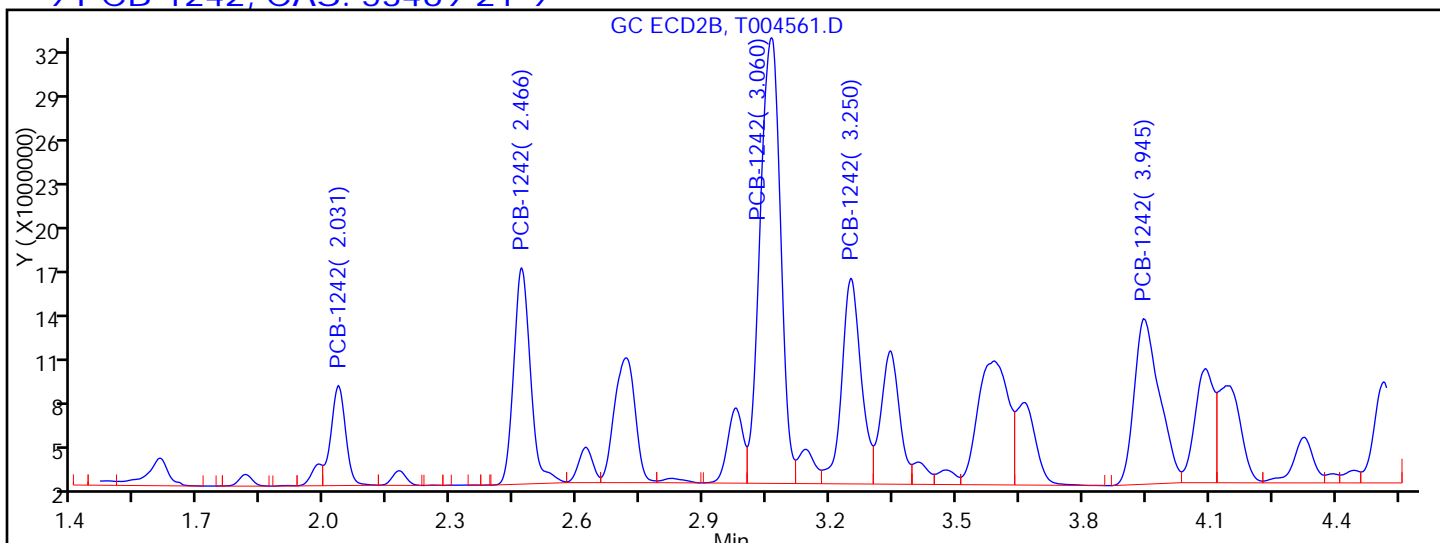
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

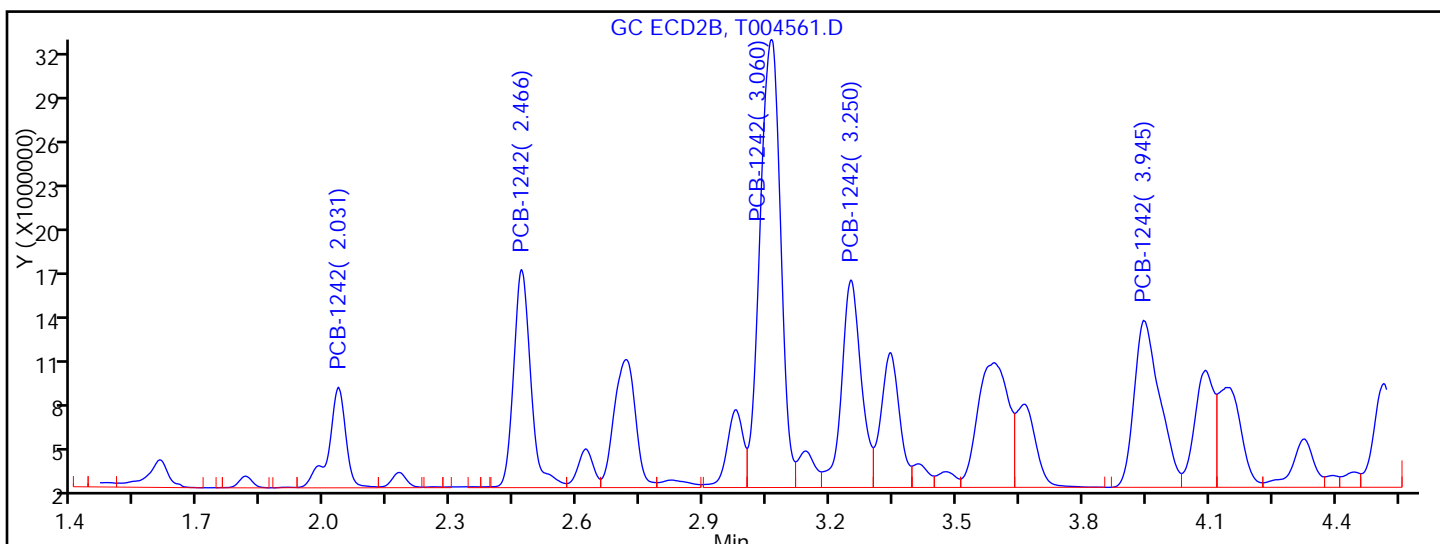
Detector: GC ECD2B

9 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.031	Response = 16281336	M
RT = 2.466	Response = 40182907	M
RT = 3.060	Response = 101471071	M
RT = 3.250	Response = 44352330	M
RT = 3.945	Response = 46283050	M



Manual Integration Results

RT = 2.031	Response = 19219198	M
RT = 2.466	Response = 41658484	M
RT = 3.060	Response = 102589068	M
RT = 3.250	Response = 45284474	M
RT = 3.945	Response = 47244545	M

Reviewer: patelji, 13-Mar-2014 10:21:17

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004561.D

Injection Date: 13-Mar-2014 08:00:10

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-25-B

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 20.0000

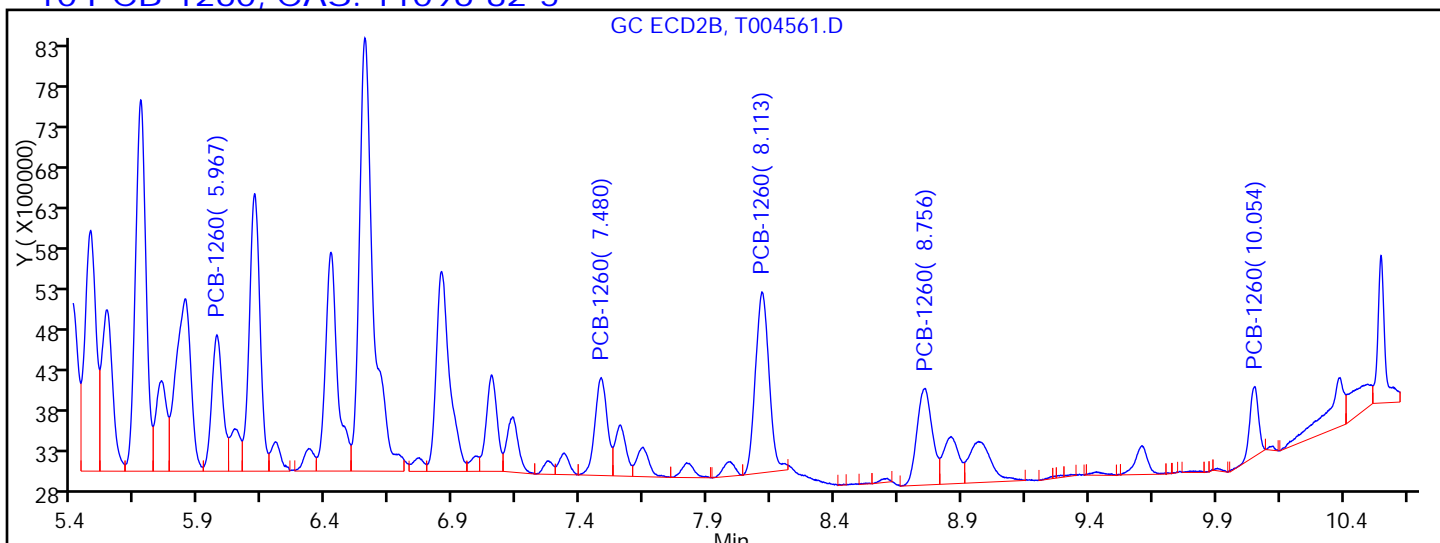
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

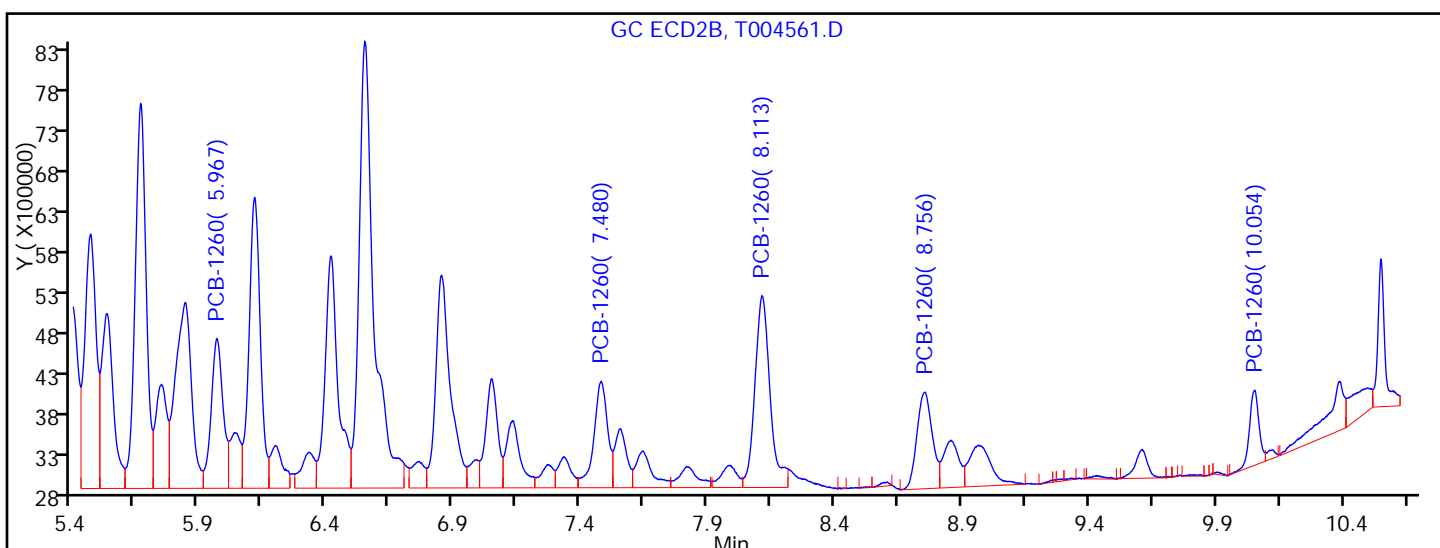
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.967	Response = 5048321	M
RT = 7.480	Response = 4094896	M
RT = 8.113	Response = 8357458	M
RT = 8.756	Response = 5025993	M
RT = 10.054	Response = 2066179	M



Manual Integration Results

RT = 5.967	Response = 6031023	M
RT = 7.480	Response = 4972255	M
RT = 8.113	Response = 9855672	M
RT = 8.756	Response = 5025993	M
RT = 10.054	Response = 2421337	M

Reviewer: patelji, 13-Mar-2014 10:21:17

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: T004562.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 08:19
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	8800		710	160
11096-82-5	Aroclor 1260	1400		710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004562.D
 Lims ID: 460-72180-F-26-D Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:19:16 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 14:48:42 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 10:07:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248

1	3.788	3.789	-0.001	15933077	2306.4	
1	4.625	4.624	0.001	24512253	1462.1	
1	5.235	5.239	-0.004	7921775	772.9	
1	6.346	6.347	-0.001	10673486	773.0	
1	6.421	6.423	-0.002	13932853	877.3	
Average of Peak Amounts =					1238.4	
2	2.467	2.470	-0.003	51689024	1962.8	M
2	3.061	3.061	0.0	82864805	1173.6	M
2	3.947	3.954	-0.007	49994254	747.8	
2	0.0	4.675	-4.675	0	0	
2	5.029	5.034	-0.005	40208081	803.7	M
Average of Peak Amounts =					1172.0	
					RPD = 5.51	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.427	8.423	0.004	5349571	211.6	M
1	10.078	10.075	0.003	3795809	198.5	
1	10.393	10.391	0.002	7496156	179.8	M
1	11.206	11.198	0.008	1951544	180.2	
Average of Peak Amounts =					192.5	
2	5.970	5.972	-0.002	14911791	217.5	M
2	7.485	7.486	-0.001	12731983	180.9	M
2	8.119	8.121	-0.002	27586898	181.4	M
2	8.756	8.760	-0.004	13722082	171.0	
2	10.055	10.058	-0.003	6831889	180.1	
Average of Peak Amounts =					186.2	
					RPD = 3.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004562.D

Injection Date: 13-Mar-2014 08:19:16

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-26-D

Lab Sample ID: 460-72180-26

Worklist Smp#: 4

Client ID: DUP3_030714

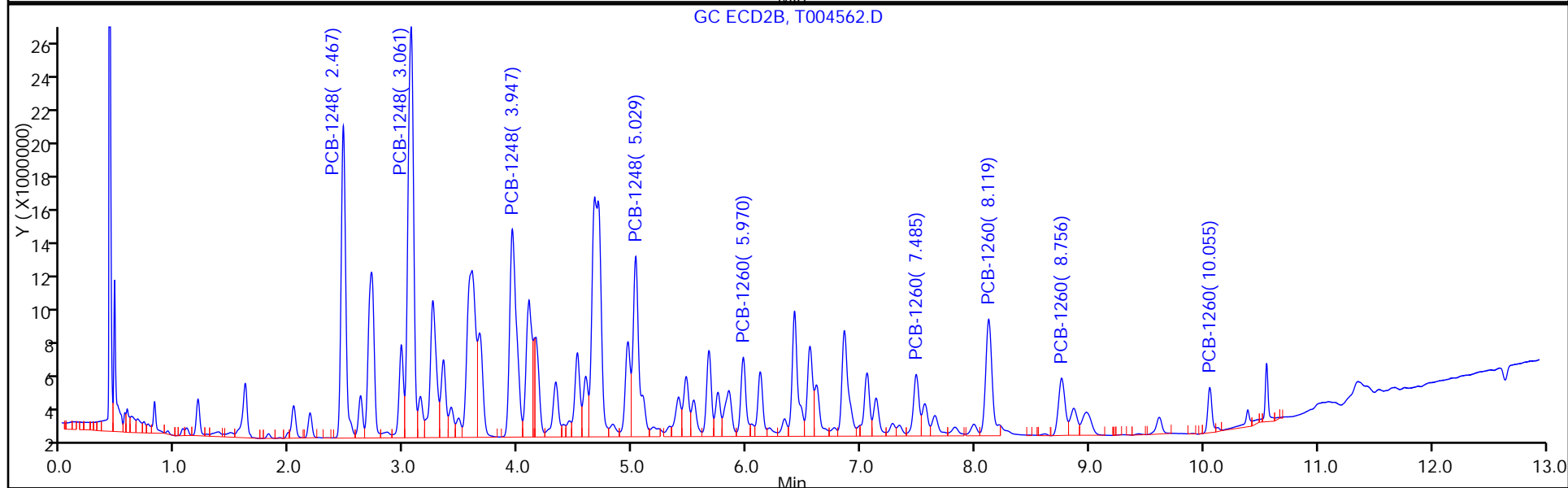
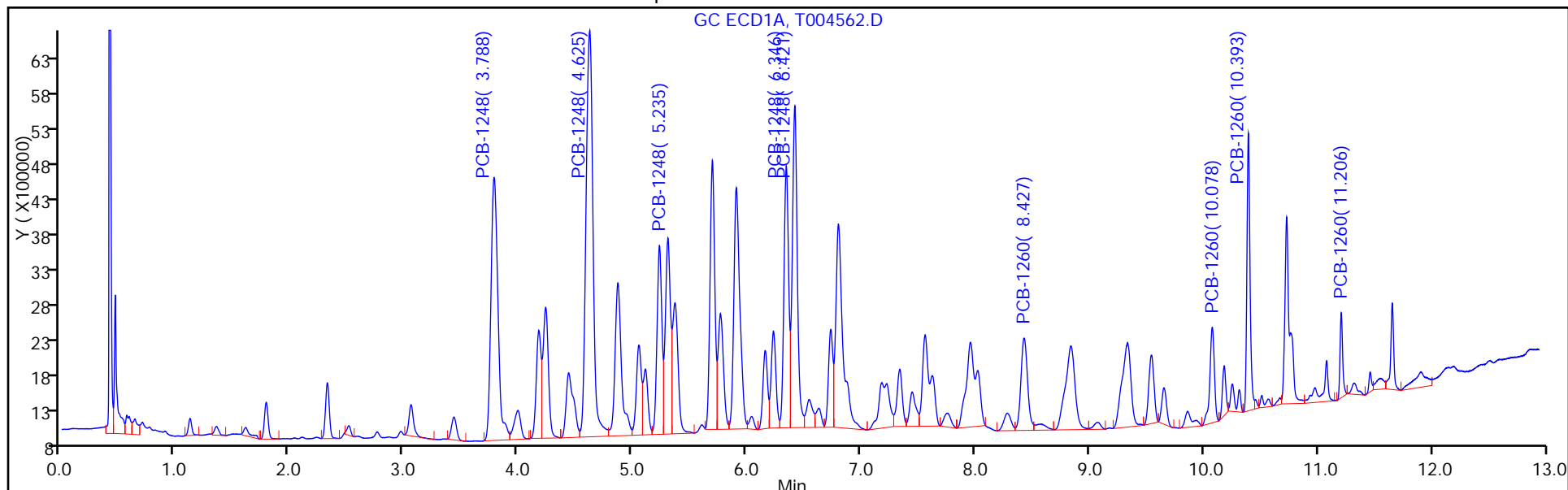
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004562.D

Injection Date: 13-Mar-2014 08:19:16

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-26-D

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

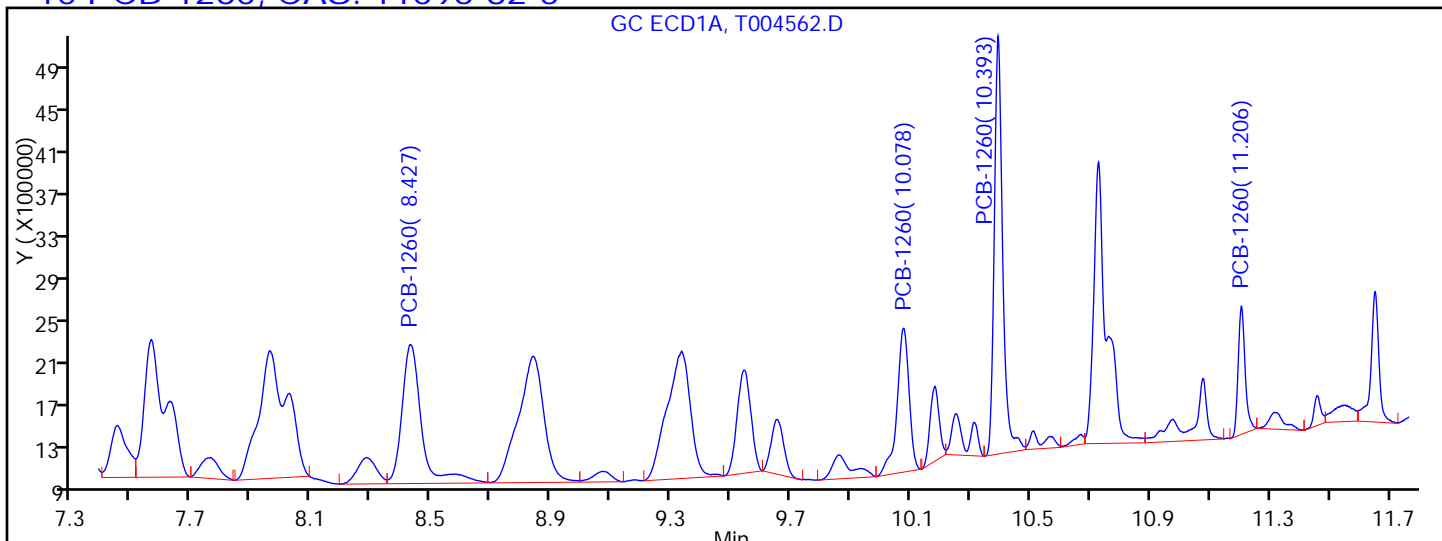
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

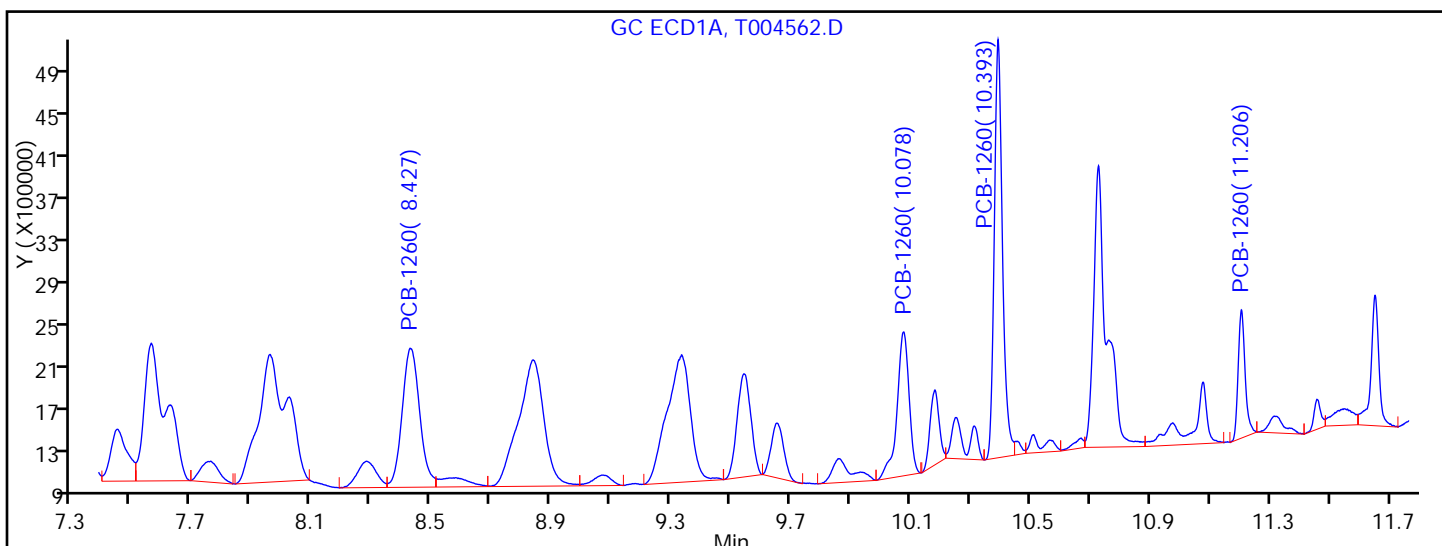
Detector GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.960	Response = 7892147	
RT = 8.427	Response = 5934949	M
RT = 10.078	Response = 3795809	
RT = 10.393	Response = 7683987	M
RT = 11.206	Response = 1951544	



Manual Integration Results

RT = 0.000	Response = 0	
RT = 8.427	Response = 5349571	M
RT = 10.078	Response = 3795809	
RT = 10.393	Response = 7496156	M
RT = 11.206	Response = 1951544	

Reviewer: patelji, 13-Mar-2014 10:22:53

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: T004562.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 08:19
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
11097-69-1	Aroclor 1254	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004562.D
 Lims ID: 460-72180-F-26-D Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:19:16 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 14:48:42 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 10:07:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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3 PCB-1248

1	3.788	3.789	-0.001	15933077	2306.4	
1	4.625	4.624	0.001	24512253	1462.1	
1	5.235	5.239	-0.004	7921775	772.9	
1	6.346	6.347	-0.001	10673486	773.0	
1	6.421	6.423	-0.002	13932853	877.3	
Average of Peak Amounts =					1238.4	
2	2.467	2.470	-0.003	51689024	1962.8	M
2	3.061	3.061	0.0	82864805	1173.6	M
2	3.947	3.954	-0.007	49994254	747.8	
2	0.0	4.675	-4.675	0	0	
2	5.029	5.034	-0.005	40208081	803.7	M
Average of Peak Amounts =					1172.0	
					RPD = 5.51	

10 PCB-1260

1	0.0	7.957	-7.957	0	0	
1	8.427	8.423	0.004	5349571	211.6	M
1	10.078	10.075	0.003	3795809	198.5	
1	10.393	10.391	0.002	7496156	179.8	M
1	11.206	11.198	0.008	1951544	180.2	
Average of Peak Amounts =					192.5	
2	5.970	5.972	-0.002	14911791	217.5	M
2	7.485	7.486	-0.001	12731983	180.9	M
2	8.119	8.121	-0.002	27586898	181.4	M
2	8.756	8.760	-0.004	13722082	171.0	
2	10.055	10.058	-0.003	6831889	180.1	
Average of Peak Amounts =					186.2	
					RPD = 3.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004562.D

Injection Date: 13-Mar-2014 08:19:16

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-F-26-D

Lab Sample ID: 460-72180-26

Worklist Smp#: 4

Client ID: DUP3_030714

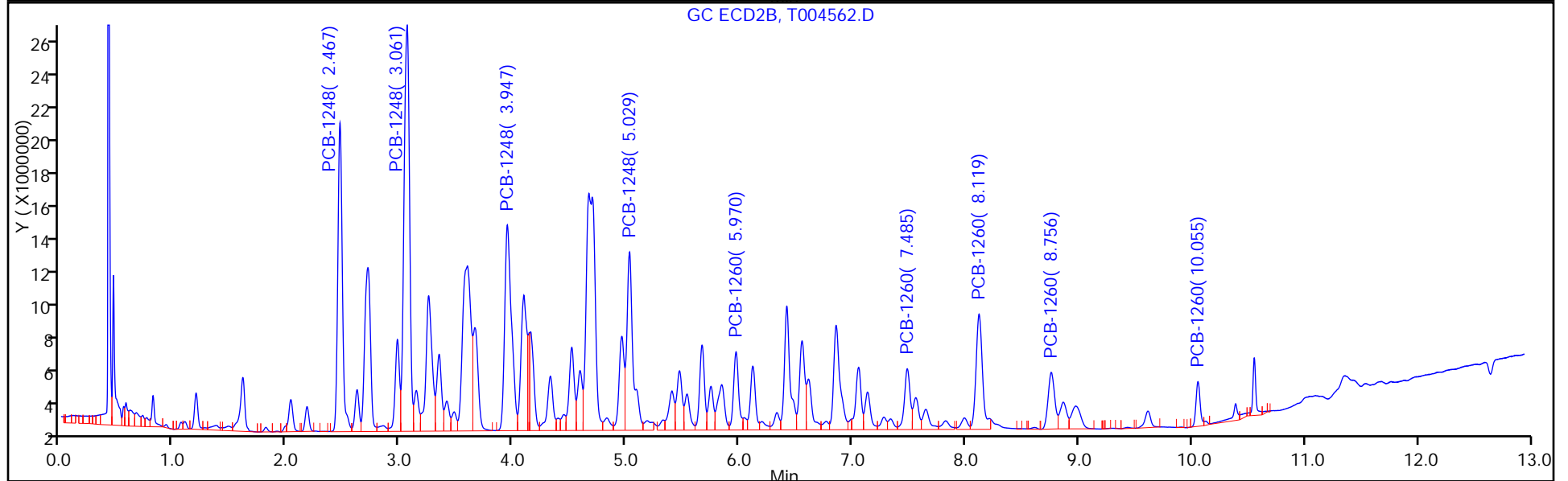
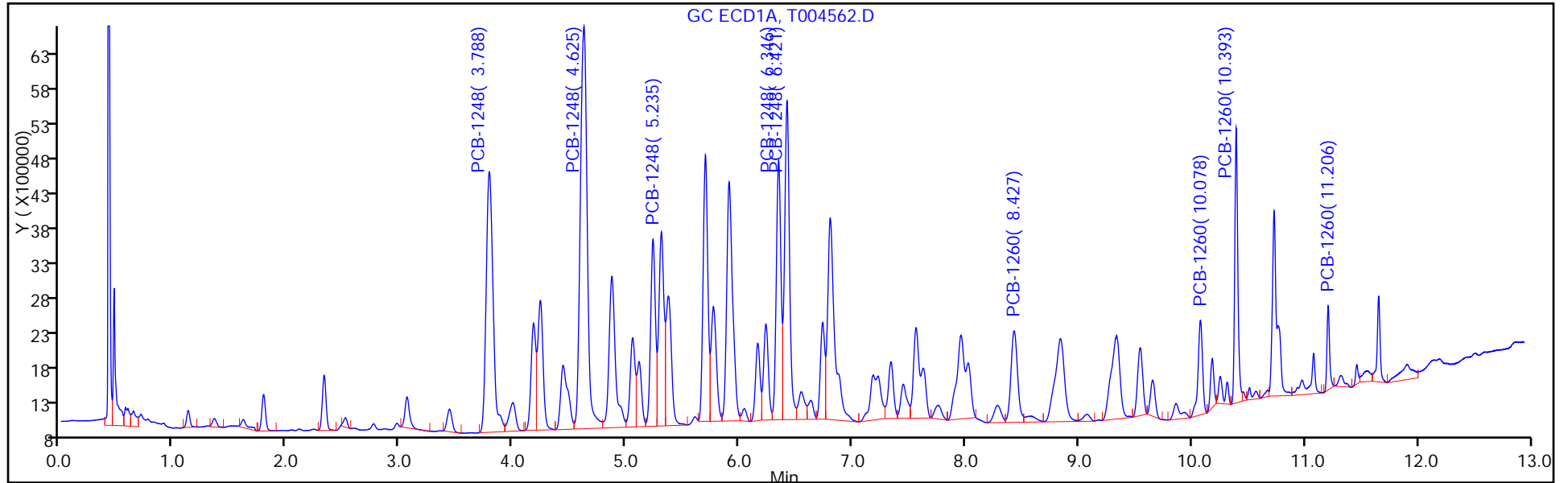
Injection Vol: 1.0 ul

Dil. Factor: 10.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140313-10814.b\T004562.D

Injection Date: 13-Mar-2014 08:19:16

Instrument ID: CPESTGC11

Lims ID: 460-72180-F-26-D

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 10.0000

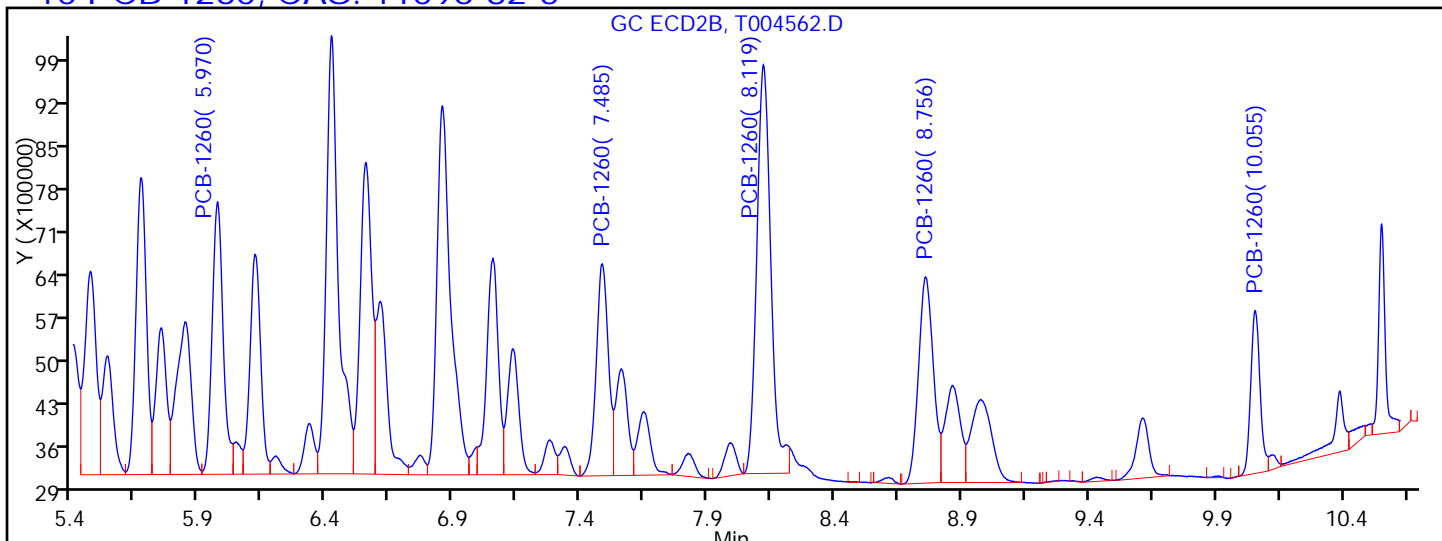
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

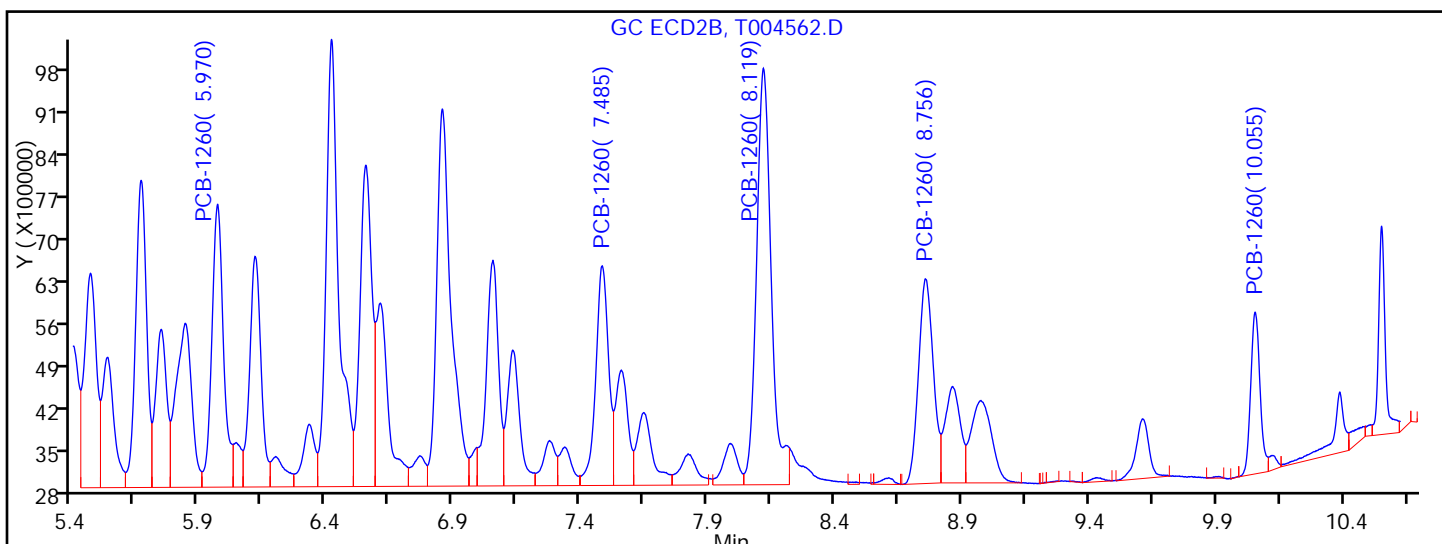
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.970	Response = 13402439	M
RT = 7.485	Response = 11547093	M
RT = 8.119	Response = 25663445	M
RT = 8.756	Response = 13722082	
RT = 10.055	Response = 6831889	



Manual Integration Results

RT = 5.970	Response = 14911791	M
RT = 7.485	Response = 12731983	M
RT = 8.119	Response = 27586898	M
RT = 8.756	Response = 13722082	
RT = 10.055	Response = 6831889	

Reviewer: patelji, 13-Mar-2014 10:22:53

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: T004438.D
 Analysis Method: 8082 Date Collected: 03/07/2014 14:00
 Extraction Method: 3510C Date Extracted: 03/09/2014 10:42
 Sample wt/vol: 960(mL) Date Analyzed: 03/11/2014 05:44
 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	88		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004438.D
 Lims ID: 460-72180-H-27-A Lab Sample ID: 460-72180-27
 Client ID: FB_030714
 Sample Type: Client
 Inject. Date: 11-Mar-2014 05:44:43 ALS Bottle#: 53 Worklist Smp#: 53
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010666-053
 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
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\$ 5 DCB Decachlorobiphenyl

1	11.650	11.636	0.014	28407716	88.3	
2	10.556	10.555	0.001	107327124	88.0	

RPD = 0.32

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004438.D

Injection Date: 11-Mar-2014 05:44:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-H-27-A

Lab Sample ID: 460-72180-27

Worklist Smp#: 53

Client ID: FB_030714

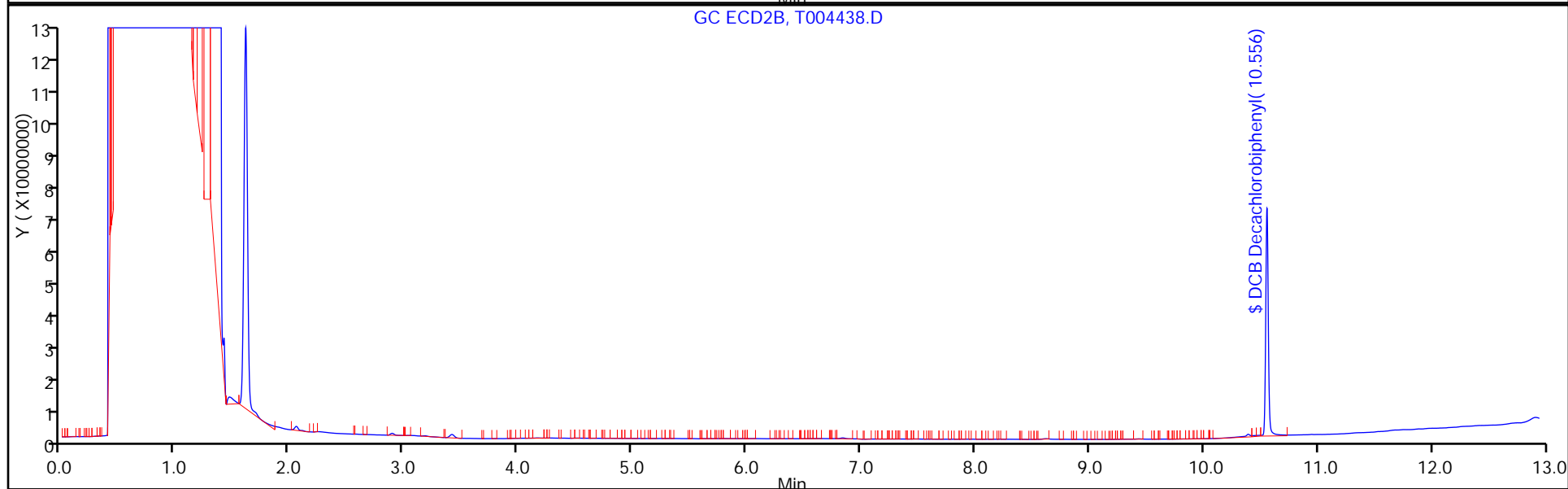
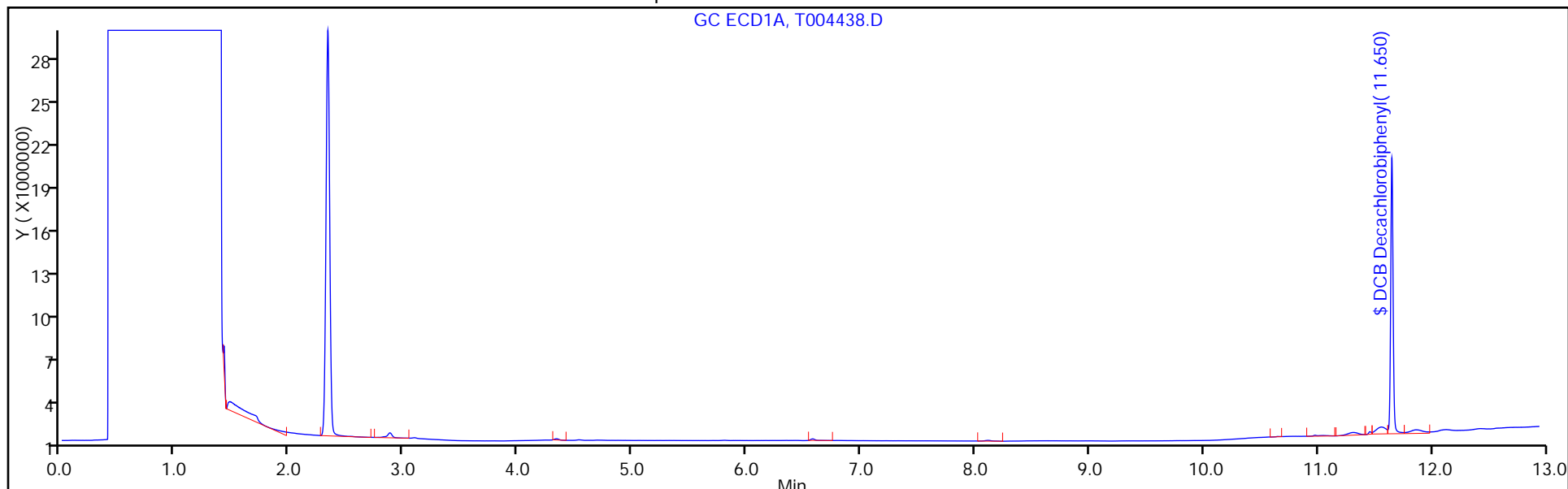
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 53

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: T004438.D
 Analysis Method: 8082 Date Collected: 03/07/2014 14:00
 Extraction Method: 3510C Date Extracted: 03/09/2014 10:42
 Sample wt/vol: 960 (mL) Date Analyzed: 03/11/2014 05:44
 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	0.079	U	0.52	0.079
11104-28-2	Aroclor 1221	0.079	U	0.52	0.079
11141-16-5	Aroclor 1232	0.079	U	0.52	0.079
53469-21-9	Aroclor 1242	0.079	U	0.52	0.079
12672-29-6	Aroclor 1248	0.079	U	0.52	0.079
11097-69-1	Aroclor 1254	0.086	U	0.52	0.086
11096-82-5	Aroclor 1260	0.086	U	0.52	0.086
37324-23-5	Aroclor 1262	0.086	U	0.52	0.086
11100-14-4	Aroclor 1268	0.086	U	0.52	0.086

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004438.D
 Lims ID: 460-72180-H-27-A Lab Sample ID: 460-72180-27
 Client ID: FB_030714
 Sample Type: Client
 Inject. Date: 11-Mar-2014 05:44:43 ALS Bottle#: 53 Worklist Smp#: 53
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010666-053
 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	11.650	11.636	0.014	28407716	88.3	
2	10.556	10.555	0.001	107327124	88.0	

RPD = 0.32

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140310-10666.b\T004438.D

Injection Date: 11-Mar-2014 05:44:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-72180-H-27-A

Lab Sample ID: 460-72180-27

Worklist Smp#: 53

Client ID: FB_030714

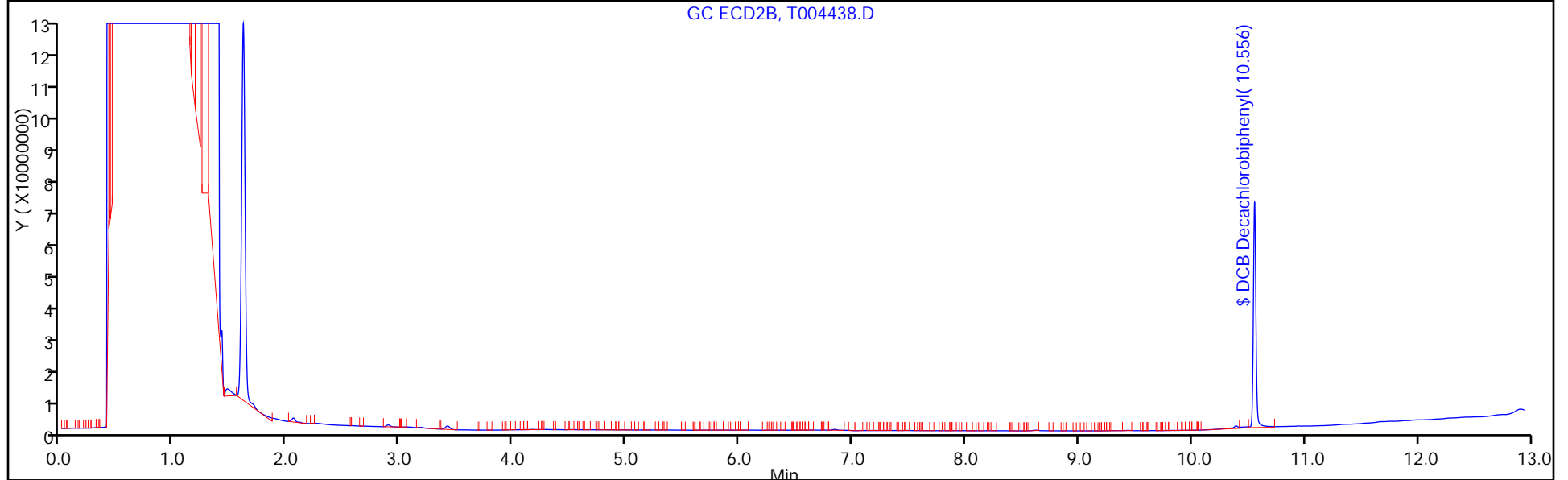
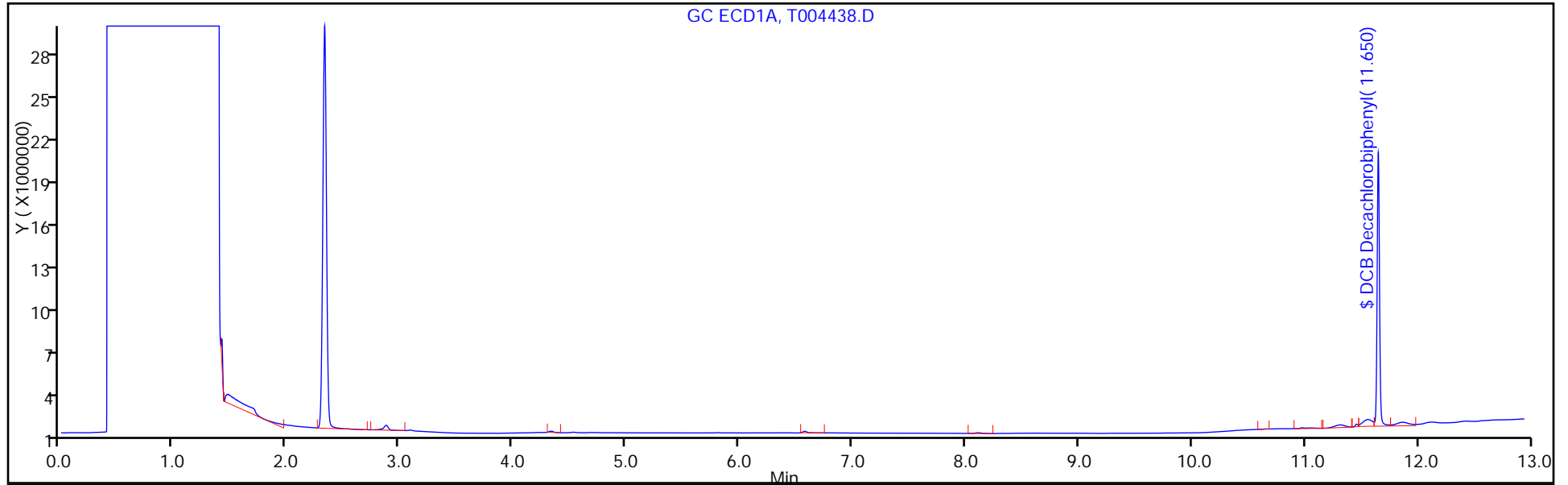
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 53

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: OR214457.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:50
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 06:35
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212261 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	134		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214457.D
 Lims ID: 460-72180-F-29-B Lab Sample ID: 460-72180-29
 Client ID: PMP-27SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 06:35:30 ALS Bottle#: 26 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010791-026
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 11:17:34 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 10:54:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 5 DCB Decachlorobiphenyl						M
1	10.657	10.655	0.002	359340	67.2	M
2	9.370	9.387	-0.017	598783	71.8	

RPD = 6.70

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214457.D

Injection Date: 13-Mar-2014 06:35:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-29-B

Lab Sample ID: 460-72180-29

Worklist Smp#: 26

Client ID: PMP-27SW-SI

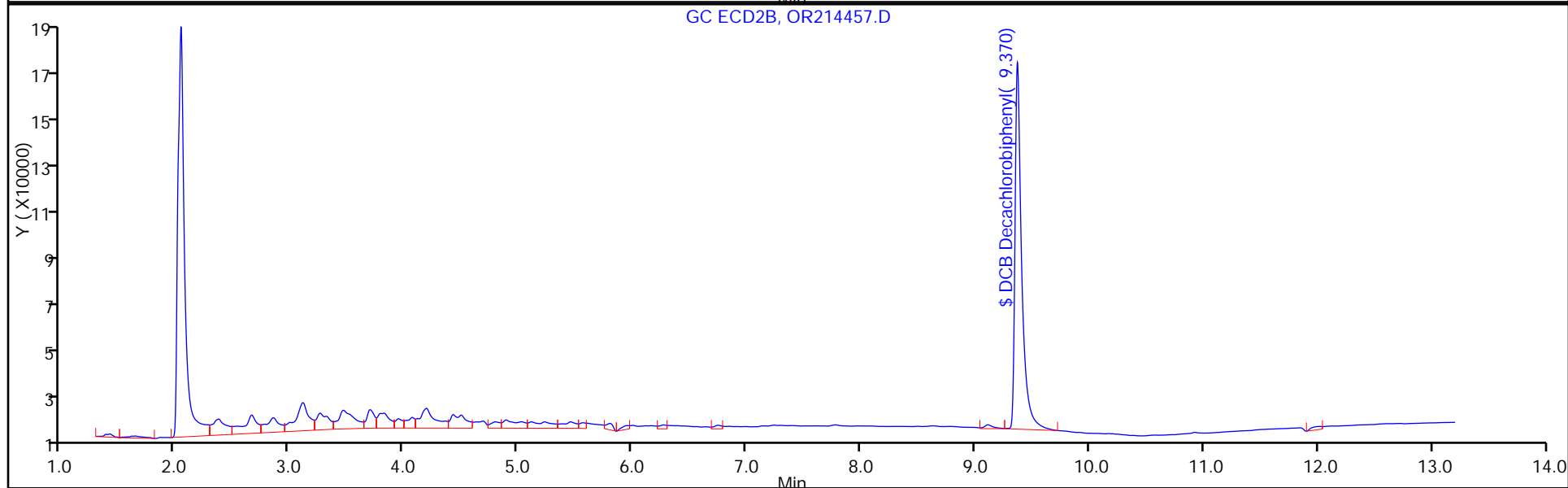
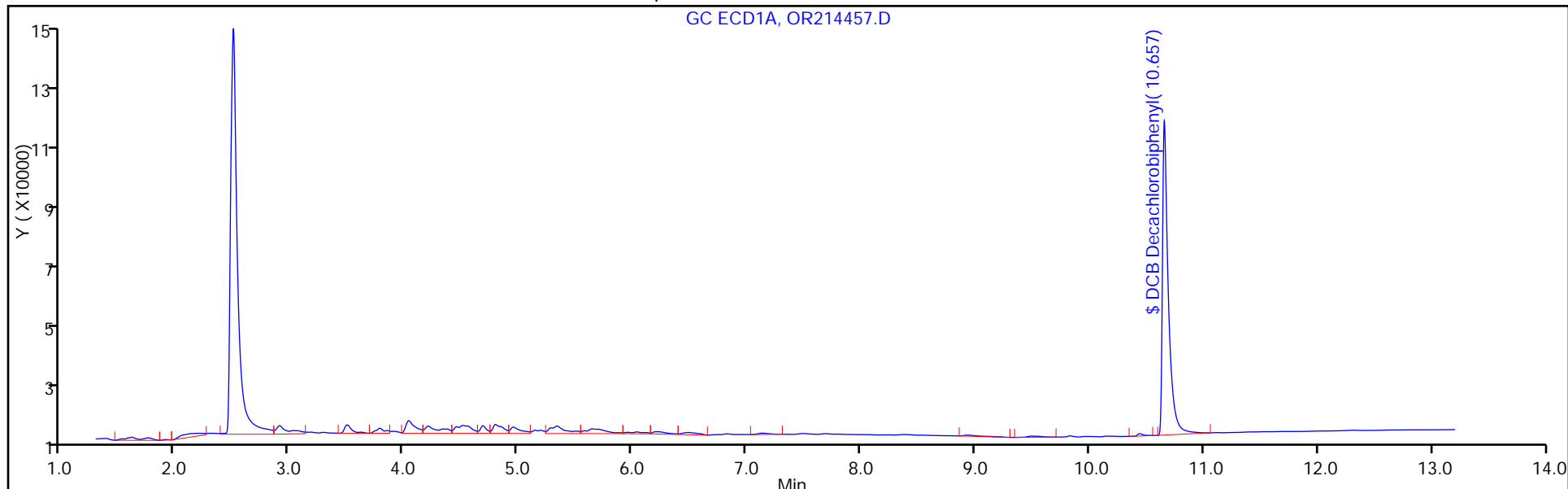
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8082GC7

Limit Group: GC 8082 PCB



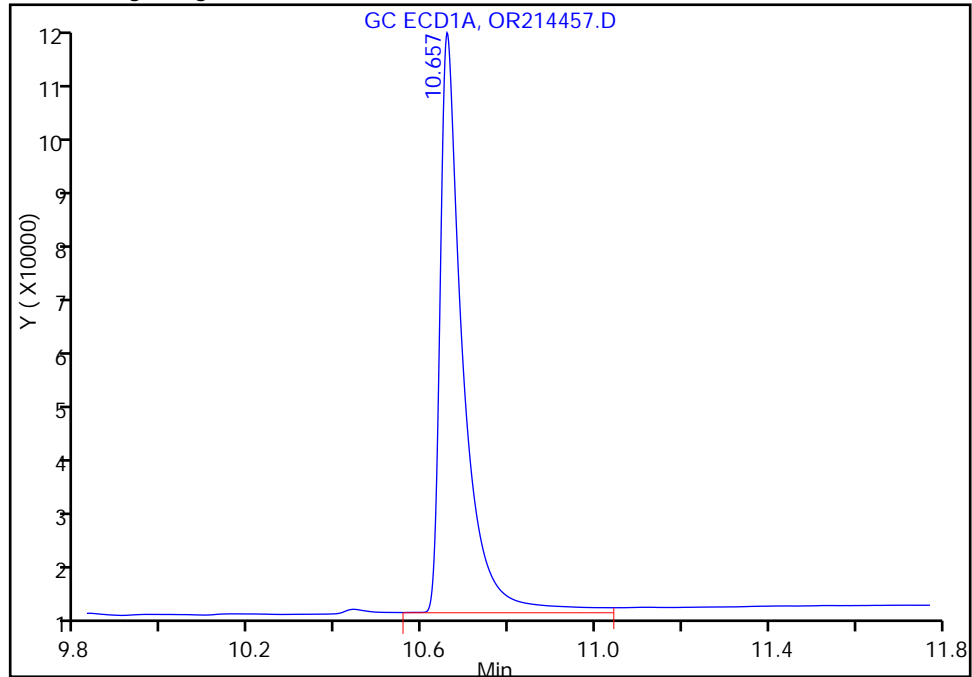
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214457.D
Injection Date: 13-Mar-2014 06:35:30 Instrument ID: CPESTGC7
Lims ID: 460-72180-F-29-B Lab Sample ID: 460-72180-29
Client ID: PMP-27SW-SI
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
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

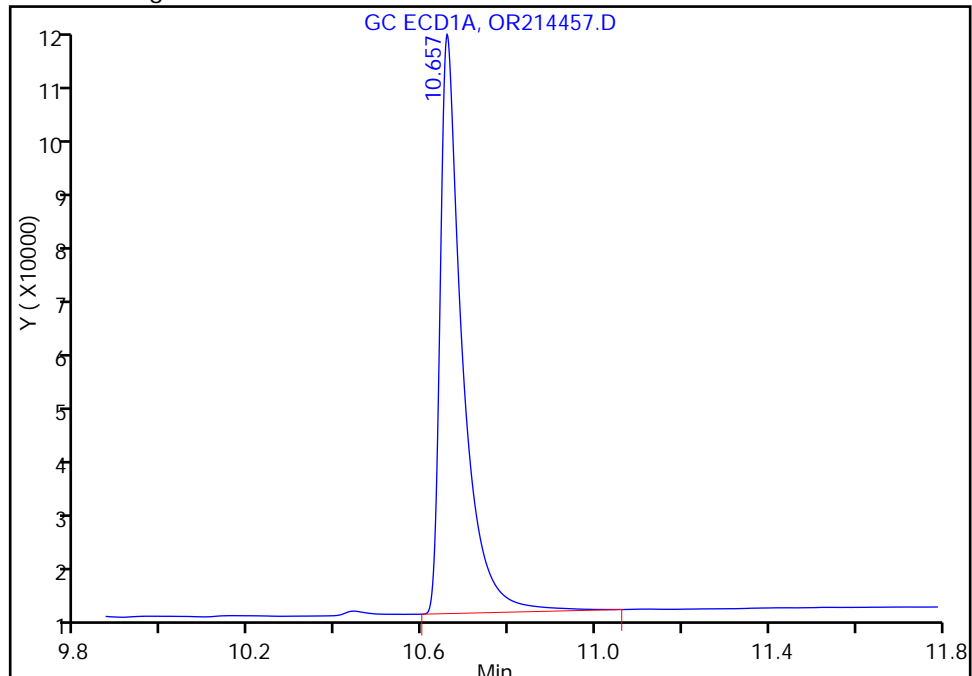
Processing Integration Results

RT: 10.66
Response: 371472
Amount: 69.442871



Manual Integration Results

RT: 10.66
Response: 359340
Amount: 67.174918



Reviewer: patelji, 13-Mar-2014 10:54:51
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: OR214457.D
 Analysis Method: 8082 Date Collected: 03/07/2014 11:50
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 06:35
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212261 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
53469-21-9	Aroclor 1242	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	144	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214457.D
 Lims ID: 460-72180-F-29-B Lab Sample ID: 460-72180-29
 Client ID: PMP-27SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 06:35:30 ALS Bottle#: 26 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010791-026
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 11:17:34 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 10:54:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

\$ 5 DCB Decachlorobiphenyl						M
1	10.657	10.655	0.002	359340	67.2	M
2	9.370	9.387	-0.017	598783	71.8	

RPD = 6.70

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214457.D

Injection Date: 13-Mar-2014 06:35:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: 460-72180-F-29-B

Lab Sample ID: 460-72180-29

Worklist Smp#: 26

Client ID: PMP-27SW-SI

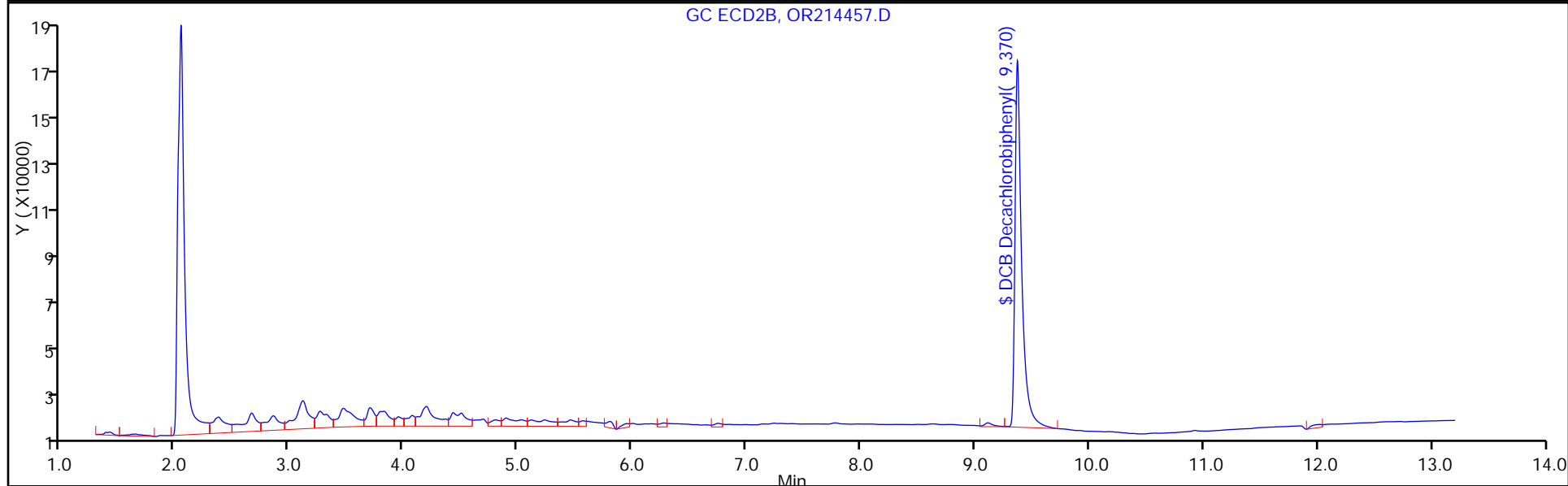
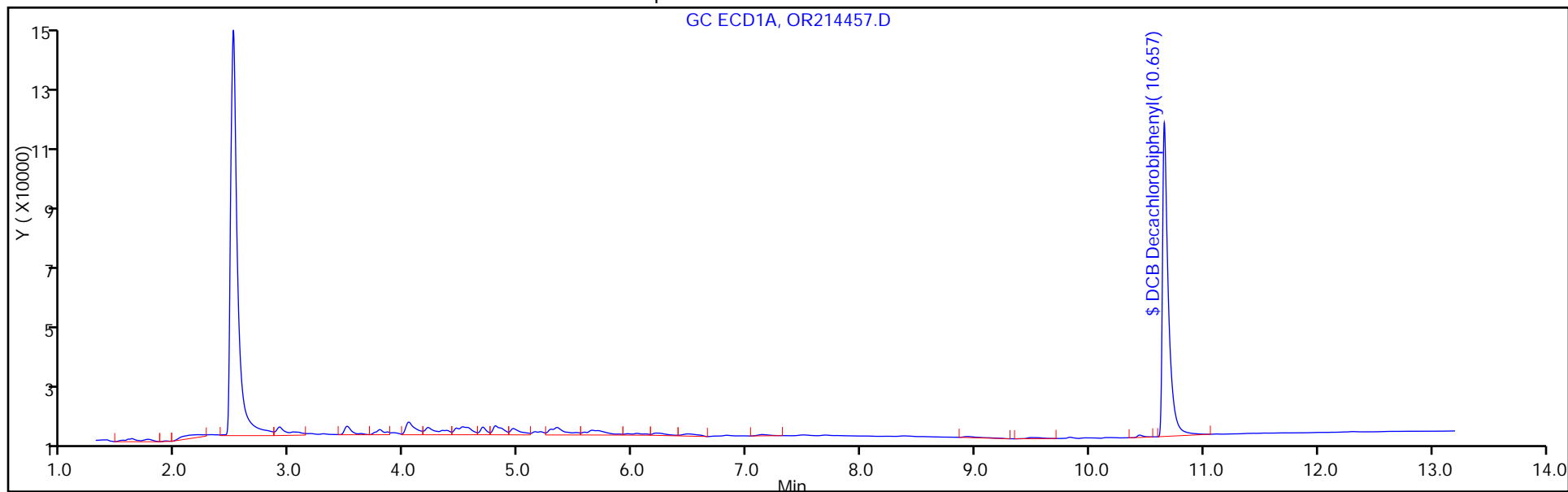
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36087

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/3	T004388.D
Level 2	IC 460-211677/4	T004389.D
Level 3	IC 460-211677/5	T004390.D
Level 4	IC 460-211677/6	T004391.D
Level 5	IC 460-211677/7	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.: 460-72180-1 Analy Batch No.: 211677

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: 36087

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/3	T004388.D
Level 2	IC 460-211677/4	T004389.D
Level 3	IC 460-211677/5	T004390.D
Level 4	IC 460-211677/6	T004391.D
Level 5	IC 460-211677/7	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.: 460-72180-1 Analy Batch No.: 211677

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: 36087

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/3	T004388.D
Level 2	IC 460-211677/4	T004389.D
Level 3	IC 460-211677/5	T004390.D
Level 4	IC 460-211677/6	T004391.D
Level 5	IC 460-211677/7	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36088

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/3	T004388.D
Level 2	IC 460-211677/4	T004389.D
Level 3	IC 460-211677/5	T004390.D
Level 4	IC 460-211677/6	T004391.D
Level 5	IC 460-211677/7	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.: 460-72180-1 Analy Batch No.: 211677

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: 36088

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/3	T004388.D
Level 2	IC 460-211677/4	T004389.D
Level 3	IC 460-211677/5	T004390.D
Level 4	IC 460-211677/6	T004391.D
Level 5	IC 460-211677/7	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.: 460-72180-1 Analy Batch No.: 211677

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: 36088

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/3	T004388.D
Level 2	IC 460-211677/4	T004389.D
Level 3	IC 460-211677/5	T004390.D
Level 4	IC 460-211677/6	T004391.D
Level 5	IC 460-211677/7	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/8	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.: 460-72180-1 Analy Batch No.: 211677

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: 36093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/8	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.: 460-72180-1 Analy Batch No.: 211677

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: 36093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/8	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36094

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/8	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.: 460-72180-1 Analy Batch No.: 211677

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: 36094

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/8	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.: 460-72180-1 Analy Batch No.: 211677

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: 36094

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/8	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36099

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/9	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.: 460-72180-1 Analy Batch No.: 211677

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: 36099

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/9	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.: 460-72180-1 Analy Batch No.: 211677

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: 36099

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/9	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36100

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/9	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.: 460-72180-1 Analy Batch No.: 211677

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: 36100

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/9	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.: 460-72180-1 Analy Batch No.: 211677

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: 36100

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/9	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36105

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/10	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.: 460-72180-1 Analy Batch No.: 211677

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: 36105

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/10	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.: 460-72180-1 Analy Batch No.: 211677

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: 36105

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/10	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/10	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.: 460-72180-1 Analy Batch No.: 211677

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: 36106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/10	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.: 460-72180-1 Analy Batch No.: 211677

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: 36106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/10	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36111

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/11	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.: 460-72180-1 Analy Batch No.: 211677

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: 36111

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/11	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.: 460-72180-1 Analy Batch No.: 211677

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: 36111

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/11	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36112

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/11	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.: 460-72180-1 Analy Batch No.: 211677

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: 36112

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/11	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.: 460-72180-1 Analy Batch No.: 211677

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: 36112

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/11	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36117

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/12	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.: 460-72180-1 Analy Batch No.: 211677

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: 36117

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/12	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.: 460-72180-1 Analy Batch No.: 211677

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: 36117

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/12	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36118

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/12	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.: 460-72180-1 Analy Batch No.: 211677

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: 36118

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/12	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.: 460-72180-1 Analy Batch No.: 211677

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: 36118

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/12	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36123

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/13	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.: 460-72180-1 Analy Batch No.: 211677

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: 36123

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/13	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.: 460-72180-1 Analy Batch No.: 211677

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: 36123

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/13	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36124

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/13	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.: 460-72180-1 Analy Batch No.: 211677

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: 36124

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/13	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.: 460-72180-1 Analy Batch No.: 211677

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: 36124

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/13	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36129

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/14	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.: 460-72180-1 Analy Batch No.: 211677

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: 36129

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/14	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.: 460-72180-1 Analy Batch No.: 211677

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: 36129

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/14	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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 Analy Batch No.: 211677

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: 36130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/14	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.: 460-72180-1 Analy Batch No.: 211677

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: 36130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/14	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.: 460-72180-1 Analy Batch No.: 211677

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: 36130

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-211677/14	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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:58 Calibration End Date: 03/13/2014 16:13 Calibration ID: 36301

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/3	T004579.D
Level 2	IC 460-212452/4	T004580.D
Level 3	IC 460-212452/5	T004581.D
Level 4	IC 460-212452/6	T004582.D
Level 5	IC 460-212452/7	T004583.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.059	3.059	3.056	3.060	3.060						2.986 - 3.126	3.059
PCB-1016 Peak 2	3.787	3.784	3.786	3.788	3.785						3.716 - 3.856	3.786
PCB-1016 Peak 3	4.624	4.621	4.618	4.623	4.621						4.548 - 4.688	4.621
PCB-1016 Peak 4	5.697	5.697	5.696	5.698	5.695						5.626 - 5.766	5.697
PCB-1016 Peak 5	5.904	5.908	5.906	5.907	5.906						5.836 - 5.976	5.906
PCB-1260 Peak 1	7.955	7.958	7.956	7.958	7.956						7.886 - 8.026	7.957
PCB-1260 Peak 2	8.422	8.426	8.426	8.427	8.424						8.356 - 8.496	8.425
PCB-1260 Peak 3	10.072	10.074	10.076	10.076	10.072						10.006 - 10.146	10.074
PCB-1260 Peak 4	10.395	10.395	10.395	10.395	10.394						10.325 - 10.465	10.395
PCB-1260 Peak 5	11.199	11.196	11.196	11.198	11.197						11.126 - 11.266	11.197
Tetrachloro-m-Xylene	2.325	2.326	2.324	2.326	2.326						2.274 - 2.374	2.325
DCB Decachlorobiphenyl	11.639	11.631	11.632	11.635	11.636						11.532 - 11.732	11.635

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:58 Calibration End Date: 03/13/2014 16:13 Calibration ID: 36301

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/3	T004579.D
Level 2	IC 460-212452/4	T004580.D
Level 3	IC 460-212452/5	T004581.D
Level 4	IC 460-212452/6	T004582.D
Level 5	IC 460-212452/7	T004583.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	9320.8 7942.5	7910.6	7639.6	7727.3	Ave		8108.16447			8.5		20.0				
PCB-1016 Peak 2	14983 17082	14007	15218	15882	Ave		15434.3876			7.4		20.0				
PCB-1016 Peak 3	27787 35140	28969	30300	31578	Ave		30754.7271			9.2		20.0				
PCB-1016 Peak 4	8352.2 10178	8926.0	9125.8	9270.9	Ave		9170.47647			7.2		20.0				
PCB-1016 Peak 5	9895.2 11790	10053	10300	10836	Ave		10574.8353			7.3		20.0				
PCB-1260 Peak 1	20642 22905	20353	20668	21048	Ave		21123.3598			4.9		20.0				
PCB-1260 Peak 2	24883 27056	23224	23619	24915	Ave		24739.3912			6.1		20.0				
PCB-1260 Peak 3	17680 21598	17946	18656	19060	Ave		18988.2004			8.2		20.0				
PCB-1260 Peak 4	40452 47681	37985	40408	41790	Ave		41663.0971			8.7		20.0				
PCB-1260 Peak 5	11548 11787	10395	10347	10635	Ave		10942.4886			6.2		20.0				
Tetrachloro-m-xylene	371583 474758	425608	439931	444687	Ave		431313.271			8.8		20.0				
DCB Decachlorobiphenyl	308043 344258	318693	321524	317668	Ave		322037.149			4.2		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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:58 Calibration End Date: 03/13/2014 16:13 Calibration ID: 36301

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/3	T004579.D
Level 2	IC 460-212452/4	T004580.D
Level 3	IC 460-212452/5	T004581.D
Level 4	IC 460-212452/6	T004582.D
Level 5	IC 460-212452/7	T004583.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	932080	3955319	7639577	11591024	19856145	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1498308	7003662	15218166	23822647	42704008	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	2778694	14484603	30299862	47367083	87848931	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	835219	4462977	9125757	13906292	25444050	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	989519	5026551	10299685	16254052	29475412	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2064220	10176420	20668349	31572105	57263350	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2488323	11612083	23618618	37372710	67639505	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	1768025	8973145	18656107	28590620	53994854	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	4045227	18992403	40407748	62684540	119202420	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1154822	5197563	10347090	15951924	29468478	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	9289577	21280397	43993056	66703022	94951592	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	7701078	15934643	32152374	47650159	68851660	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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:58 Calibration End Date: 03/13/2014 16:13 Calibration ID: 36302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/3	T004579.D
Level 2	IC 460-212452/4	T004580.D
Level 3	IC 460-212452/5	T004581.D
Level 4	IC 460-212452/6	T004582.D
Level 5	IC 460-212452/7	T004583.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.030	2.030	2.029	2.030	2.030						1.959 - 2.099	2.030
PCB-1016 Peak 2	2.465	2.466	2.463	2.465	2.465						2.393 - 2.533	2.465
PCB-1016 Peak 3	3.059	3.057	3.056	3.059	3.058						2.986 - 3.126	3.058
PCB-1016 Peak 4	3.247	3.250	3.246	3.249	3.249						3.176 - 3.316	3.248
PCB-1016 Peak 5	3.941	3.947	3.945	3.947	3.946						3.875 - 4.015	3.945
PCB-1260 Peak 1	5.968	5.966	5.967	5.969	5.966						5.897 - 6.037	5.967
PCB-1260 Peak 2	7.481	7.484	7.481	7.485	7.481						7.411 - 7.551	7.482
PCB-1260 Peak 3	8.114	8.118	8.116	8.117	8.113						8.046 - 8.186	8.116
PCB-1260 Peak 4	8.751	8.757	8.758	8.757	8.754						8.688 - 8.828	8.755
PCB-1260 Peak 5	10.051	10.055	10.054	10.053	10.051						9.984 - 10.124	10.053
Tetrachloro-m-Xylene	1.606	1.607	1.606	1.606	1.606						1.556 - 1.656	1.606
DCB Decachlorobiphenyl	10.554	10.553	10.554	10.555	10.553						10.454 - 10.654	10.554

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:58 Calibration End Date: 03/13/2014 16:13 Calibration ID: 36302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/3	T004579.D
Level 2	IC 460-212452/4	T004580.D
Level 3	IC 460-212452/5	T004581.D
Level 4	IC 460-212452/6	T004582.D
Level 5	IC 460-212452/7	T004583.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	37896 25239	25954	23417	24866	Lin1	1234514.00	24001.3871							0.9980		0.9900
PCB-1016 Peak 2	61125 49232	45167	43290	47108	Ave		49184.1155			14.0		20.0				
PCB-1016 Peak 3	98857 105393	95653	92644	100023	Ave		98514.2171			4.9		20.0				
PCB-1016 Peak 4	36111 42134	37933	37360	40050	Ave		38717.5420			6.2		20.0				
PCB-1016 Peak 5	32115 39666	33179	35179	35466	Ave		35121.0056			8.3		20.0				
PCB-1260 Peak 1	55380 57897	49352	50121	52761	Ave		53102.1557			6.7		20.0				
PCB-1260 Peak 2	50954 58866	50986	50501	54364	Ave		53134.1506			6.7		20.0				
PCB-1260 Peak 3	111706 136356	115547	117989	127984	Ave		121916.485			8.3		20.0				
PCB-1260 Peak 4	58032 69183	58544	62178	63961	Ave		62379.7877			7.3		20.0				
PCB-1260 Peak 5	31089 33402	29613	29909	30671	Ave		30936.8113			4.8		20.0				
Tetrachloro-m-xylene	1203993 1467833	1403129	1375806	1374056	Ave		1364963.25			7.2		20.0				
DCB Decachlorobiphenyl	925004 989641	1037809	943548	963008	Ave		971802.037			4.5		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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:58 Calibration End Date: 03/13/2014 16:13 Calibration ID: 36302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/3	T004579.D
Level 2	IC 460-212452/4	T004580.D
Level 3	IC 460-212452/5	T004581.D
Level 4	IC 460-212452/6	T004582.D
Level 5	IC 460-212452/7	T004583.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	Lin1	3789641	12976849	23417469	37298640	63097739	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	6112458	22583342	43289771	70661572	123079569	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9885745	47826658	92644359	150033871	263483450	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3611069	18966416	37360040	60075254	105334947	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	3211465	16589358	35179355	53199547	99164856	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	5537977	24675952	50121385	79141286	144742155	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	5095412	25492893	50500617	81545988	147165595	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	11170596	57773587	117988536	191976570	340890942	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	5803204	29272035	62178318	95941586	172958633	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	3108865	14806525	29909358	46006073	83505708	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	30099828	70156436	137580580	206108348	293566591	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	23125105	51890464	94354780	144451249	197928116	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:32 Calibration End Date: 03/13/2014 16:32 Calibration ID: 36349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/8	T004584.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.727										1.657 - 1.797	1.727
PCB-1221 Peak 2	2.763										2.693 - 2.833	2.763
PCB-1221 Peak 3	2.971										2.901 - 3.041	2.971
PCB-1221 Peak 4	3.060										2.990 - 3.130	3.060
PCB-1221 Peak 5	3.880										3.810 - 3.950	3.880

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:32 Calibration End Date: 03/13/2014 16:32 Calibration ID: 36349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/8	T004584.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	3603.1				Ave		3603.08100						20.0			
PCB-1221 Peak 2	4672.2				Ave		4672.18200						20.0			
PCB-1221 Peak 3	3183.8				Ave		3183.83700						20.0			
PCB-1221 Peak 4	11993				Ave		11992.7130						20.0			
PCB-1221 Peak 5	1211.0				Ave		1211.01200						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:32 Calibration End Date: 03/13/2014 16:32 Calibration ID: 36349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/8	T004584.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	3603081					1000				
PCB-1221 Peak 2	Ave	4672182					1000				
PCB-1221 Peak 3	Ave	3183837					1000				
PCB-1221 Peak 4	Ave	11992713					1000				
PCB-1221 Peak 5	Ave	1211012					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:32 Calibration End Date: 03/13/2014 16:32 Calibration ID: 36350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/8	T004584.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.076										1.006 - 1.146	1.076
PCB-1221 Peak 2	1.810										1.740 - 1.880	1.810
PCB-1221 Peak 3	2.029										1.959 - 2.099	2.029
PCB-1221 Peak 4	2.620										2.550 - 2.690	2.620
PCB-1221 Peak 5	3.059										2.989 - 3.129	3.059

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:32 Calibration End Date: 03/13/2014 16:32 Calibration ID: 36350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/8	T004584.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	11180				Ave		11179.7100						20.0			
PCB-1221 Peak 2	13660				Ave		13659.7380						20.0			
PCB-1221 Peak 3	36717				Ave		36716.9720						20.0			
PCB-1221 Peak 4	5201.4				Ave		5201.39300						20.0			
PCB-1221 Peak 5	6697.2				Ave		6697.24500						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:32 Calibration End Date: 03/13/2014 16:32 Calibration ID: 36350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/8	T004584.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	11179710					1000				
PCB-1221 Peak 2	Ave	13659738					1000				
PCB-1221 Peak 3	Ave	36716972					1000				
PCB-1221 Peak 4	Ave	5201393					1000				
PCB-1221 Peak 5	Ave	6697245					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:51 Calibration End Date: 03/13/2014 16:51 Calibration ID: 36355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/9	T004585.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.061										2.991 - 3.131	3.061
PCB-1232 Peak 2	3.787										3.717 - 3.857	3.787
PCB-1232 Peak 3	4.871										4.801 - 4.941	4.871
PCB-1232 Peak 4	5.697										5.627 - 5.767	5.697
PCB-1232 Peak 5	5.907										5.837 - 5.977	5.907

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:51 Calibration End Date: 03/13/2014 16:51 Calibration ID: 36355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/9	T004585.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	9813.2				Ave		9813.22700						20.0			
PCB-1232 Peak 2	6989.9				Ave		6989.92700						20.0			
PCB-1232 Peak 3	5895.0				Ave		5894.97800						20.0			
PCB-1232 Peak 4	3729.8				Ave		3729.75400						20.0			
PCB-1232 Peak 5	4318.8				Ave		4318.80600						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:51 Calibration End Date: 03/13/2014 16:51 Calibration ID: 36355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/9	T004585.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	9813227					1000				
PCB-1232 Peak 2	Ave	6989927					1000				
PCB-1232 Peak 3	Ave	5894978					1000				
PCB-1232 Peak 4	Ave	3729754					1000				
PCB-1232 Peak 5	Ave	4318806					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:51 Calibration End Date: 03/13/2014 16:51 Calibration ID: 36356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/9	T004585.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.029										1.959 - 2.099	2.029
PCB-1232 Peak 2	2.465										2.395 - 2.535	2.465
PCB-1232 Peak 3	3.057										2.987 - 3.127	3.057
PCB-1232 Peak 4	3.248										3.178 - 3.318	3.248
PCB-1232 Peak 5	3.947										3.877 - 4.017	3.947

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:51 Calibration End Date: 03/13/2014 16:51 Calibration ID: 36356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/9	T004585.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	30779				Ave		30779.1250						20.0			
PCB-1232 Peak 2	20872				Ave		20872.0180						20.0			
PCB-1232 Peak 3	43487				Ave		43486.6950						20.0			
PCB-1232 Peak 4	17816				Ave		17815.9830						20.0			
PCB-1232 Peak 5	14731				Ave		14731.3180						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:51 Calibration End Date: 03/13/2014 16:51 Calibration ID: 36356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/9	T004585.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	30779125					1000				
PCB-1232 Peak 2	Ave	20872018					1000				
PCB-1232 Peak 3	Ave	43486695					1000				
PCB-1232 Peak 4	Ave	17815983					1000				
PCB-1232 Peak 5	Ave	14731318					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:10 Calibration End Date: 03/13/2014 17:10 Calibration ID: 36361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/10	T004586.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.060										2.990 - 3.130	3.060
PCB-1242 Peak 2	3.786										3.716 - 3.856	3.786
PCB-1242 Peak 3	4.626										4.556 - 4.696	4.626
PCB-1242 Peak 4	4.872										4.802 - 4.942	4.872
PCB-1242 Peak 5	6.418										6.348 - 6.488	6.418

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:10 Calibration End Date: 03/13/2014 17:10 Calibration ID: 36361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/10	T004586.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	7160.9				Ave		7160.90000						20.0			
PCB-1242 Peak 2	13728				Ave		13728.4500						20.0			
PCB-1242 Peak 3	26197				Ave		26197.1760						20.0			
PCB-1242 Peak 4	10515				Ave		10514.6350						20.0			
PCB-1242 Peak 5	9768.0				Ave		9768.00400						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:10 Calibration End Date: 03/13/2014 17:10 Calibration ID: 36361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/10	T004586.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	7160900					1000				
PCB-1242 Peak 2	Ave	13728450					1000				
PCB-1242 Peak 3	Ave	26197176					1000				
PCB-1242 Peak 4	Ave	10514635					1000				
PCB-1242 Peak 5	Ave	9768004					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:10 Calibration End Date: 03/13/2014 17:10 Calibration ID: 36362

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/10	T004586.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.030										1.960 - 2.100	2.030
PCB-1242 Peak 2	2.466										2.396 - 2.536	2.466
PCB-1242 Peak 3	3.060										2.990 - 3.130	3.060
PCB-1242 Peak 4	3.251										3.181 - 3.321	3.251
PCB-1242 Peak 5	3.946										3.876 - 4.016	3.946

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:10 Calibration End Date: 03/13/2014 17:10 Calibration ID: 36362

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/10	T004586.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	25916				Ave		25915.6110						20.0			
PCB-1242 Peak 2	40725				Ave		40725.2890						20.0			
PCB-1242 Peak 3	83136				Ave		83135.9120						20.0			
PCB-1242 Peak 4	33041				Ave		33041.3570						20.0			
PCB-1242 Peak 5	31291				Ave		31290.7050						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:10 Calibration End Date: 03/13/2014 17:10 Calibration ID: 36362

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/10	T004586.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	25915611					1000				
PCB-1242 Peak 2	Ave	40725289					1000				
PCB-1242 Peak 3	Ave	83135912					1000				
PCB-1242 Peak 4	Ave	33041357					1000				
PCB-1242 Peak 5	Ave	31290705					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:29 Calibration End Date: 03/13/2014 17:29 Calibration ID: 36367

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/11	T004587.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.784										3.714 - 3.854	3.784
PCB-1248 Peak 2	4.616										4.546 - 4.686	4.616
PCB-1248 Peak 3	5.234										5.164 - 5.304	5.234
PCB-1248 Peak 4	6.342										6.272 - 6.412	6.342
PCB-1248 Peak 5	6.417										6.347 - 6.487	6.417

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:29 Calibration End Date: 03/13/2014 17:29 Calibration ID: 36367

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/11	T004587.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	6833.5				Ave		6833.51400						20.0			
PCB-1248 Peak 2	16766				Ave		16765.8180						20.0			
PCB-1248 Peak 3	10071				Ave		10071.3590						20.0			
PCB-1248 Peak 4	13905				Ave		13904.9220						20.0			
PCB-1248 Peak 5	16206				Ave		16205.7510						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:29 Calibration End Date: 03/13/2014 17:29 Calibration ID: 36367

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/11	T004587.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	6833514					1000				
PCB-1248 Peak 2	Ave	16765818					1000				
PCB-1248 Peak 3	Ave	10071359					1000				
PCB-1248 Peak 4	Ave	13904922					1000				
PCB-1248 Peak 5	Ave	16205751					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:29 Calibration End Date: 03/13/2014 17:29 Calibration ID: 36368

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/11	T004587.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.465										2.395 - 2.535	2.465
PCB-1248 Peak 2	3.055										2.985 - 3.125	3.055
PCB-1248 Peak 3	3.947										3.877 - 4.017	3.947
PCB-1248 Peak 4	4.668										4.598 - 4.738	4.668
PCB-1248 Peak 5	5.023										4.953 - 5.093	5.023

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:29 Calibration End Date: 03/13/2014 17:29 Calibration ID: 36368

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/11	T004587.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	21149				Ave		21148.6090						20.0			
PCB-1248 Peak 2	53358				Ave		53357.6180						20.0			
PCB-1248 Peak 3	47515				Ave		47514.6400						20.0			
PCB-1248 Peak 4	83014				Ave		83013.5460						20.0			
PCB-1248 Peak 5	35910				Ave		35909.5440						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:29 Calibration End Date: 03/13/2014 17:29 Calibration ID: 36368

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/11	T004587.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	21148609					1000				
PCB-1248 Peak 2	Ave	53357618					1000				
PCB-1248 Peak 3	Ave	47514640					1000				
PCB-1248 Peak 4	Ave	83013546					1000				
PCB-1248 Peak 5	Ave	35909544					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:48 Calibration End Date: 03/13/2014 17:48 Calibration ID: 36373

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/12	T004588.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	6.411										6.341 - 6.481	6.411
PCB-1254 Peak 2	6.733										6.663 - 6.803	6.733
PCB-1254 Peak 3	7.336										7.266 - 7.406	7.336
PCB-1254 Peak 4	7.557										7.487 - 7.627	7.557
PCB-1254 Peak 5	9.332										9.262 - 9.402	9.332

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:48 Calibration End Date: 03/13/2014 17:48 Calibration ID: 36373

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/12	T004588.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	13691				Ave		13690.9830						20.0			
PCB-1254 Peak 2	15889				Ave		15889.4320						20.0			
PCB-1254 Peak 3	13401				Ave		13401.4260						20.0			
PCB-1254 Peak 4	28865				Ave		28864.7370						20.0			
PCB-1254 Peak 5	26216				Ave		26216.0850						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:48 Calibration End Date: 03/13/2014 17:48 Calibration ID: 36373

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/12	T004588.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	13690983					1000				
PCB-1254 Peak 2	Ave	15889432					1000				
PCB-1254 Peak 3	Ave	13401426					1000				
PCB-1254 Peak 4	Ave	28864737					1000				
PCB-1254 Peak 5	Ave	26216085					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:48 Calibration End Date: 03/13/2014 17:48 Calibration ID: 36374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/12	T004588.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.469										5.399 - 5.539	5.469
PCB-1254 Peak 2	5.666										5.596 - 5.736	5.666
PCB-1254 Peak 3	6.116										6.046 - 6.186	6.116
PCB-1254 Peak 4	6.415										6.345 - 6.485	6.415
PCB-1254 Peak 5	6.854										6.784 - 6.924	6.854

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:48 Calibration End Date: 03/13/2014 17:48 Calibration ID: 36374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/12	T004588.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	39636				Ave		39636.4280						20.0			
PCB-1254 Peak 2	71171				Ave		71170.6140						20.0			
PCB-1254 Peak 3	53798				Ave		53797.6840						20.0			
PCB-1254 Peak 4	48637				Ave		48636.6240						20.0			
PCB-1254 Peak 5	71575				Ave		71575.4350						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:48 Calibration End Date: 03/13/2014 17:48 Calibration ID: 36374

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/12	T004588.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	39636428					1000				
PCB-1254 Peak 2	Ave	71170614					1000				
PCB-1254 Peak 3	Ave	53797684					1000				
PCB-1254 Peak 4	Ave	48636624					1000				
PCB-1254 Peak 5	Ave	71575435					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:07 Calibration End Date: 03/13/2014 18:07 Calibration ID: 36379

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/13	T004589.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	7.957										7.887 - 8.027	7.957
PCB-1262 Peak 2	8.425										8.355 - 8.495	8.425
PCB-1262 Peak 3	9.540										9.470 - 9.610	9.540
PCB-1262 Peak 4	10.726										10.656 - 10.796	10.726
PCB-1262 Peak 5	11.209										11.139 - 11.279	11.209

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:07 Calibration End Date: 03/13/2014 18:07 Calibration ID: 36379

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/13	T004589.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	17729				Ave		17728.5020						20.0			
PCB-1262 Peak 2	20832				Ave		20832.1130						20.0			
PCB-1262 Peak 3	27027				Ave		27027.0270						20.0			
PCB-1262 Peak 4	35406				Ave		35405.8310						20.0			
PCB-1262 Peak 5	17669				Ave		17669.4160						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:07 Calibration End Date: 03/13/2014 18:07 Calibration ID: 36379

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/13	T004589.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	17728502					1000				
PCB-1262 Peak 2	Ave	20832113					1000				
PCB-1262 Peak 3	Ave	27027027					1000				
PCB-1262 Peak 4	Ave	35405831					1000				
PCB-1262 Peak 5	Ave	17669416					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:07 Calibration End Date: 03/13/2014 18:07 Calibration ID: 36380

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/13	T004589.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.968										5.898 - 6.038	5.968
PCB-1262 Peak 2	7.052										6.982 - 7.122	7.052
PCB-1262 Peak 3	8.755										8.685 - 8.825	8.755
PCB-1262 Peak 4	8.970										8.900 - 9.040	8.970
PCB-1262 Peak 5	10.052										9.982 - 10.122	10.052

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:07 Calibration End Date: 03/13/2014 18:07 Calibration ID: 36380

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/13	T004589.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	45008				Ave		45007.8680						20.0			
PCB-1262 Peak 2	80786				Ave		80786.2720						20.0			
PCB-1262 Peak 3	55260				Ave		55259.9590						20.0			
PCB-1262 Peak 4	67227				Ave		67227.1290						20.0			
PCB-1262 Peak 5	50086				Ave		50086.1570						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:07 Calibration End Date: 03/13/2014 18:07 Calibration ID: 36380

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/13	T004589.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	45007868					1000				
PCB-1262 Peak 2	Ave	80786272					1000				
PCB-1262 Peak 3	Ave	55259959					1000				
PCB-1262 Peak 4	Ave	67227129					1000				
PCB-1262 Peak 5	Ave	50086157					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:26 Calibration End Date: 03/13/2014 18:26 Calibration ID: 36385

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/14	T004590.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	10.977										10.907 - 11.047	10.977
PCB-1268 Peak 4	11.207										11.137 - 11.277	11.207
PCB-1268 Peak 5	11.460										11.390 - 11.530	11.460

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:26 Calibration End Date: 03/13/2014 18:26 Calibration ID: 36385

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/14	T004590.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	50425				Ave		50424.7140						20.0			
PCB-1268 Peak 2	49352				Ave		49352.0180						20.0			
PCB-1268 Peak 3	39505				Ave		39505.4780						20.0			
PCB-1268 Peak 4	16631				Ave		16631.4580						20.0			
PCB-1268 Peak 5	128646				Ave		128645.747						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:26 Calibration End Date: 03/13/2014 18:26 Calibration ID: 36385

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/14	T004590.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	50424714					1000				
PCB-1268 Peak 2	Ave	49352018					1000				
PCB-1268 Peak 3	Ave	39505478					1000				
PCB-1268 Peak 4	Ave	16631458					1000				
PCB-1268 Peak 5	Ave	128645747					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:26 Calibration End Date: 03/13/2014 18:26 Calibration ID: 36386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/14	T004590.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	8.865										8.795 - 8.935	8.865
PCB-1268 Peak 2	8.958										8.888 - 9.028	8.958
PCB-1268 Peak 3	9.432										9.362 - 9.502	9.432
PCB-1268 Peak 4	10.054										9.984 - 10.124	10.054
PCB-1268 Peak 5	10.391										10.321 - 10.461	10.391

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:26 Calibration End Date: 03/13/2014 18:26 Calibration ID: 36386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/14	T004590.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	158947				Ave		158947.360						20.0			
PCB-1268 Peak 2	148656				Ave		148655.556						20.0			
PCB-1268 Peak 3	124965				Ave		124965.013						20.0			
PCB-1268 Peak 4	53502				Ave		53502.2170						20.0			
PCB-1268 Peak 5	378230				Ave		378229.830						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.: 460-72180-1 Analy Batch No.: 212452

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 18:26 Calibration End Date: 03/13/2014 18:26 Calibration ID: 36386

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212452/14	T004590.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	158947360					1000				
PCB-1268 Peak 2	Ave	148655556					1000				
PCB-1268 Peak 3	Ave	124965013					1000				
PCB-1268 Peak 4	Ave	53502217					1000				
PCB-1268 Peak 5	Ave	378229830					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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		146.7490000						20.0			
PCB-1221 Peak 3	389.52				Ave		389.5220000						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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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 VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:52 Calibration End Date: 03/13/2014 15:58 Calibration ID: 36391

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/3	OR214467.D
Level 2	IC 460-212448/4	OR214468.D
Level 3	IC 460-212448/5	OR214469.D
Level 4	IC 460-212448/6	OR214470.D
Level 5	IC 460-212448/7	OR214471.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.148	3.143	3.145	3.147	3.142						3.075 - 3.215	3.145
PCB-1016 Peak 2	3.633	3.630	3.630	3.633	3.627						3.560 - 3.700	3.631
PCB-1016 Peak 3	4.187	4.182	4.183	4.185	4.180						4.113 - 4.253	4.183
PCB-1016 Peak 4	4.960	4.955	4.957	4.960	4.953						4.887 - 5.027	4.957
PCB-1016 Peak 5	5.120	5.117	5.118	5.120	5.115						5.048 - 5.188	5.118
PCB-1260 Peak 1	6.697	6.692	6.693	6.697	6.690						6.623 - 6.763	6.694
PCB-1260 Peak 2	7.048	7.045	7.047	7.050	7.043						6.977 - 7.117	7.047
PCB-1260 Peak 3	8.663	8.660	8.662	8.665	8.658						8.592 - 8.732	8.662
PCB-1260 Peak 4	9.142	9.138	9.140	9.142	9.138						9.070 - 9.210	9.140
PCB-1260 Peak 5	10.283	10.282	10.283	10.283	10.282						10.213 - 10.353	10.283
Tetrachloro-m-Xylene	2.602	2.597	2.597	2.598	2.593						2.547 - 2.647	2.597
DCB Decachlorobiphenyl	10.800	10.793	10.795	10.798	10.795						10.695 - 10.895	10.796

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:52 Calibration End Date: 03/13/2014 15:58 Calibration ID: 36391

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/3	OR214467.D
Level 2	IC 460-212448/4	OR214468.D
Level 3	IC 460-212448/5	OR214469.D
Level 4	IC 460-212448/6	OR214470.D
Level 5	IC 460-212448/7	OR214471.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	137.89 153.72	148.56	155.03	150.90	Ave		149.220813			4.6		20.0				
PCB-1016 Peak 2	330.98 298.56	304.69	305.04	286.66	Ave		305.186120			5.3		20.0				
PCB-1016 Peak 3	604.53 594.98	597.03	601.38	565.59	Ave		592.700533			2.6		20.0				
PCB-1016 Peak 4	162.11 164.07	157.01	156.23	152.50	Ave		158.383440			3.0		20.0				
PCB-1016 Peak 5	191.91 236.69	211.65	218.27	216.77	Ave		215.057640			7.5		20.0				
PCB-1260 Peak 1	407.26 386.85	390.06	386.21	364.94	Ave		387.064520			3.9		20.0				
PCB-1260 Peak 2	491.49 465.06	471.23	465.34	441.44	Ave		466.910840			3.8		20.0				
PCB-1260 Peak 3	401.62 381.14	363.40	373.73	356.81	Ave		375.338880			4.6		20.0				
PCB-1260 Peak 4	711.42 766.82	701.08	743.00	705.63	Ave		725.589547			3.9		20.0				
PCB-1260 Peak 5	175.22 202.11	188.80	193.12	200.83	Ave		192.018240			5.7		20.0				
Tetrachloro-m-xylene	7252.6 7780.7	7912.4	7885.2	7229.5	Ave		7612.06333			4.5		20.0				
DCB Decachlorobiphenyl	5419.2 5371.7	5632.1	5509.0	5029.9	Ave		5392.37233			4.2		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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:52 Calibration End Date: 03/13/2014 15:58 Calibration ID: 36391

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/3	OR214467.D
Level 2	IC 460-212448/4	OR214468.D
Level 3	IC 460-212448/5	OR214469.D
Level 4	IC 460-212448/6	OR214470.D
Level 5	IC 460-212448/7	OR214471.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	13789	74281	155033	226345	384306	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	33098	152347	305037	429993	746394	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	60453	298514	601376	848389	1487440	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	16211	78503	156234	228750	410168	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	19191	105826	218267	325149	591733	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	40726	195031	386211	547404	967134	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	49149	235617	465337	662154	1162643	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	40162	181698	373730	535215	952846	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	71142	350539	743002	1058447	1917041	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	17522	94402	193124	301251	505273	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	181315	395618	788520	1084423	1556134	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	135480	281604	550898	754483	1074343	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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:52 Calibration End Date: 03/13/2014 15:58 Calibration ID: 36392

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/3	OR214467.D
Level 2	IC 460-212448/4	OR214468.D
Level 3	IC 460-212448/5	OR214469.D
Level 4	IC 460-212448/6	OR214470.D
Level 5	IC 460-212448/7	OR214471.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.350	2.348	2.343	2.345	2.345						2.273 - 2.413	2.346
PCB-1016 Peak 2	2.680	2.680	2.675	2.675	2.677						2.605 - 2.745	2.677
PCB-1016 Peak 3	3.142	3.140	3.137	3.137	3.138						3.067 - 3.207	3.139
PCB-1016 Peak 4	3.287	3.285	3.282	3.283	3.283						3.212 - 3.352	3.284
PCB-1016 Peak 5	3.732	3.732	3.728	3.730	3.730						3.658 - 3.798	3.730
PCB-1260 Peak 1	5.165	5.163	5.162	5.162	5.160						5.092 - 5.232	5.162
PCB-1260 Peak 2	6.335	6.333	6.333	6.333	6.332						6.263 - 6.403	6.333
PCB-1260 Peak 3	6.810	6.810	6.808	6.810	6.808						6.738 - 6.878	6.809
PCB-1260 Peak 4	7.297	7.297	7.297	7.298	7.295						7.227 - 7.367	7.297
PCB-1260 Peak 5	8.673	8.673	8.673	8.675	8.672						8.603 - 8.743	8.673
Tetrachloro-m-Xylene	2.045	2.045	2.042	2.042	2.043						1.992 - 2.092	2.043
DCB Decachlorobiphenyl	9.455	9.455	9.455	9.455	9.453						9.355 - 9.555	9.455

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:52 Calibration End Date: 03/13/2014 15:58 Calibration ID: 36392

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/3	OR214467.D
Level 2	IC 460-212448/4	OR214468.D
Level 3	IC 460-212448/5	OR214469.D
Level 4	IC 460-212448/6	OR214470.D
Level 5	IC 460-212448/7	OR214471.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	303.41 247.99	260.84	256.73	239.02	Ave		261.598040			9.5		20.0				
PCB-1016 Peak 2	452.65 394.38	414.56	407.22	378.25	Ave		409.410627			6.8		20.0				
PCB-1016 Peak 3	912.68 887.31	890.24	901.37	842.82	Ave		886.884813			3.0		20.0				
PCB-1016 Peak 4	327.62 311.55	311.13	310.33	295.70	Ave		311.268867			3.6		20.0				
PCB-1016 Peak 5	345.19 338.43	344.34	346.01	318.46	Ave		338.485707			3.4		20.0				
PCB-1260 Peak 1	533.55 509.77	506.09	508.10	473.58	Ave		506.217987			4.2		20.0				
PCB-1260 Peak 2	422.92 441.96	412.82	419.19	396.99	Ave		418.775373			3.9		20.0				
PCB-1260 Peak 3	1086.5 1174.1	1077.9	1125.9	1069.4	Ave		1106.77301			3.9		20.0				
PCB-1260 Peak 4	520.95 555.86	510.39	533.09	501.58	Ave		524.376800			4.0		20.0				
PCB-1260 Peak 5	313.75 365.52	324.00	339.63	328.02	Ave		334.185427			5.9		20.0				
Tetrachloro-m-xylene	9482.6 10237	10496	10314	9448.1	Ave		9995.73767			4.9		20.0				
DCB Decachlorobiphenyl	8399.4 8796.3	9370.9	8961.7	8247.7	Ave		8755.18300			5.1		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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 14:52 Calibration End Date: 03/13/2014 15:58 Calibration ID: 36392

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/3	OR214467.D
Level 2	IC 460-212448/4	OR214468.D
Level 3	IC 460-212448/5	OR214469.D
Level 4	IC 460-212448/6	OR214470.D
Level 5	IC 460-212448/7	OR214471.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	30341	130420	256725	358536	619978	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	45265	207282	407215	567371	985942	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	91268	445122	901373	1264231	2218266	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	32762	155567	310335	443555	778880	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	34519	172169	346012	477683	846083	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	53355	253046	508099	710363	1274434	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	42292	206411	419187	595489	1104888	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	108646	538966	1125930	1604155	2935266	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	52095	255196	533094	752376	1389660	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	31375	161999	339633	492035	913807	100	500	1000	1500	2500
Tetrachloro-m-xylene	Ave	237064	524805	1031449	1417208	2047497	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	209984	468543	896169	1237149	1759269	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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:15 Calibration End Date: 03/13/2014 16:15 Calibration ID: 36397

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/8	OR214472.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.130										2.060 - 2.200	2.130
PCB-1221 Peak 2	2.913										2.843 - 2.983	2.913
PCB-1221 Peak 3	3.075										3.005 - 3.145	3.075
PCB-1221 Peak 4	3.147										3.077 - 3.217	3.147
PCB-1221 Peak 5	3.692										3.622 - 3.762	3.692

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:15 Calibration End Date: 03/13/2014 16:15 Calibration ID: 36397

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/8	OR214472.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	75.127				Ave		75.1270000						20.0			
PCB-1221 Peak 2	100.28				Ave		100.284000						20.0			
PCB-1221 Peak 3	57.534				Ave		57.5340000						20.0			
PCB-1221 Peak 4	242.46				Ave		242.463000						20.0			
PCB-1221 Peak 5	47.437				Ave		47.4370000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:15 Calibration End Date: 03/13/2014 16:15 Calibration ID: 36397

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/8	OR214472.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	75127					1000				
PCB-1221 Peak 2	Ave	100284					1000				
PCB-1221 Peak 3	Ave	57534					1000				
PCB-1221 Peak 4	Ave	242463					1000				
PCB-1221 Peak 5	Ave	47437					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:15 Calibration End Date: 03/13/2014 16:15 Calibration ID: 36398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/8	OR214472.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.643										1.573 - 1.713	1.643
PCB-1221 Peak 2	2.180										2.110 - 2.250	2.180
PCB-1221 Peak 3	2.347										2.277 - 2.417	2.347
PCB-1221 Peak 4	2.802										2.732 - 2.872	2.802
PCB-1221 Peak 5	3.142										3.072 - 3.212	3.142

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:15 Calibration End Date: 03/13/2014 16:15 Calibration ID: 36398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/8	OR214472.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	128.44				Ave		128.435000						20.0			
PCB-1221 Peak 2	154.31				Ave		154.314000						20.0			
PCB-1221 Peak 3	419.27				Ave		419.271000						20.0			
PCB-1221 Peak 4	60.432				Ave		60.4320000						20.0			
PCB-1221 Peak 5	69.908				Ave		69.9080000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:15 Calibration End Date: 03/13/2014 16:15 Calibration ID: 36398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/8	OR214472.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	128435					1000				
PCB-1221 Peak 2	Ave	154314					1000				
PCB-1221 Peak 3	Ave	419271					1000				
PCB-1221 Peak 4	Ave	60432					1000				
PCB-1221 Peak 5	Ave	69908					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:31 Calibration End Date: 03/13/2014 16:31 Calibration ID: 36403

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/9	OR214473.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.145										3.075 - 3.215	3.145
PCB-1232 Peak 2	3.630										3.560 - 3.700	3.630
PCB-1232 Peak 3	4.358										4.288 - 4.428	4.358
PCB-1232 Peak 5	4.957										4.887 - 5.027	4.957
PCB-1232 Peak 4	5.118										5.048 - 5.188	5.118

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:31 Calibration End Date: 03/13/2014 16:31 Calibration ID: 36403

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/9	OR214473.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	197.93				Ave		197.928000						20.0			
PCB-1232 Peak 2	173.36				Ave		173.358000						20.0			
PCB-1232 Peak 3	118.68				Ave		118.678000						20.0			
PCB-1232 Peak 5	67.461				Ave		67.4610000						20.0			
PCB-1232 Peak 4	96.245				Ave		96.2450000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:31 Calibration End Date: 03/13/2014 16:31 Calibration ID: 36403

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/9	OR214473.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	197928					1000				
PCB-1232 Peak 2	Ave	173358					1000				
PCB-1232 Peak 3	Ave	118678					1000				
PCB-1232 Peak 5	Ave	67461					1000				
PCB-1232 Peak 4	Ave	96245					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:31 Calibration End Date: 03/13/2014 16:31 Calibration ID: 36404

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/9	OR214473.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.343										2.273 - 2.413	2.343
PCB-1232 Peak 2	2.677										2.607 - 2.747	2.677
PCB-1232 Peak 3	3.137										3.067 - 3.207	3.137
PCB-1232 Peak 4	3.282										3.212 - 3.352	3.282
PCB-1232 Peak 5	3.728										3.658 - 3.798	3.728

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:31 Calibration End Date: 03/13/2014 16:31 Calibration ID: 36404

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/9	OR214473.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	342.47				Ave		342.468000						20.0			
PCB-1232 Peak 2	215.77				Ave		215.765000						20.0			
PCB-1232 Peak 3	440.70				Ave		440.704000						20.0			
PCB-1232 Peak 4	149.11				Ave		149.111000						20.0			
PCB-1232 Peak 5	155.18				Ave		155.176000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:31 Calibration End Date: 03/13/2014 16:31 Calibration ID: 36404

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/9	OR214473.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	342468					1000				
PCB-1232 Peak 2	Ave	215765					1000				
PCB-1232 Peak 3	Ave	440704					1000				
PCB-1232 Peak 4	Ave	149111					1000				
PCB-1232 Peak 5	Ave	155176					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:48 Calibration End Date: 03/13/2014 16:48 Calibration ID: 36408

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/10	OR214474.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.145										3.075 - 3.215	3.145
PCB-1242 Peak 2	3.632										3.562 - 3.702	3.632
PCB-1242 Peak 3	4.183										4.113 - 4.253	4.183
PCB-1242 Peak 4	4.358										4.288 - 4.428	4.358
PCB-1242 Peak 5	5.507										5.437 - 5.577	5.507

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:48 Calibration End Date: 03/13/2014 16:48 Calibration ID: 36408

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/10	OR214474.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	148.16				Ave		148.160000						20.0			
PCB-1242 Peak 2	274.05				Ave		274.046000						20.0			
PCB-1242 Peak 3	535.77				Ave		535.774000						20.0			
PCB-1242 Peak 4	221.06				Ave		221.058000						20.0			
PCB-1242 Peak 5	245.45				Ave		245.451000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:48 Calibration End Date: 03/13/2014 16:48 Calibration ID: 36408

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/10	OR214474.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	148160					1000				
PCB-1242 Peak 2	Ave	274046					1000				
PCB-1242 Peak 3	Ave	535774					1000				
PCB-1242 Peak 4	Ave	221058					1000				
PCB-1242 Peak 5	Ave	245451					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:48 Calibration End Date: 03/13/2014 16:48 Calibration ID: 36409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/10	OR214474.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.345										2.275 - 2.415	2.345
PCB-1242 Peak 2	2.675										2.605 - 2.745	2.675
PCB-1242 Peak 3	3.137										3.067 - 3.207	3.137
PCB-1242 Peak 4	3.283										3.213 - 3.353	3.283
PCB-1242 Peak 5	3.728										3.658 - 3.798	3.728

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:48 Calibration End Date: 03/13/2014 16:48 Calibration ID: 36409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/10	OR214474.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	229.15				Ave		229.145000						20.0			
PCB-1242 Peak 2	369.59				Ave		369.586000						20.0			
PCB-1242 Peak 3	797.92				Ave		797.921000						20.0			
PCB-1242 Peak 4	277.14				Ave		277.144000						20.0			
PCB-1242 Peak 5	302.72				Ave		302.717000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 16:48 Calibration End Date: 03/13/2014 16:48 Calibration ID: 36409

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/10	OR214474.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	229145					1000				
PCB-1242 Peak 2	Ave	369586					1000				
PCB-1242 Peak 3	Ave	797921					1000				
PCB-1242 Peak 4	Ave	277144					1000				
PCB-1242 Peak 5	Ave	302717					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:05 Calibration End Date: 03/13/2014 17:05 Calibration ID: 36414

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/11	OR214475.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.628										3.558 - 3.698	3.628
PCB-1248 Peak 2	4.182										4.112 - 4.252	4.182
PCB-1248 Peak 3	4.608										4.538 - 4.678	4.608
PCB-1248 Peak 4	5.447										5.377 - 5.517	5.447
PCB-1248 Peak 5	5.505										5.435 - 5.575	5.505

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:05 Calibration End Date: 03/13/2014 17:05 Calibration ID: 36414

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/11	OR214475.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	145.77				Ave		145.773000						20.0			
PCB-1248 Peak 2	358.30				Ave		358.296000						20.0			
PCB-1248 Peak 3	181.14				Ave		181.143000						20.0			
PCB-1248 Peak 4	244.92				Ave		244.921000						20.0			
PCB-1248 Peak 5	387.63				Ave		387.630000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:05 Calibration End Date: 03/13/2014 17:05 Calibration ID: 36414

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/11	OR214475.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	145773					1000				
PCB-1248 Peak 2	Ave	358296					1000				
PCB-1248 Peak 3	Ave	181143					1000				
PCB-1248 Peak 4	Ave	244921					1000				
PCB-1248 Peak 5	Ave	387630					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:05 Calibration End Date: 03/13/2014 17:05 Calibration ID: 36415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/11	OR214475.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.673										2.603 - 2.743	2.673
PCB-1248 Peak 2	3.133										3.063 - 3.203	3.133
PCB-1248 Peak 3	3.728										3.658 - 3.798	3.728
PCB-1248 Peak 4	4.228										4.158 - 4.298	4.228
PCB-1248 Peak 5	4.463										4.393 - 4.533	4.463

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:05 Calibration End Date: 03/13/2014 17:05 Calibration ID: 36415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/11	OR214475.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	206.12				Ave		206.120000						20.0			
PCB-1248 Peak 2	537.63				Ave		537.626000						20.0			
PCB-1248 Peak 3	441.52				Ave		441.524000						20.0			
PCB-1248 Peak 4	839.52				Ave		839.518000						20.0			
PCB-1248 Peak 5	572.19				Ave		572.186000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:05 Calibration End Date: 03/13/2014 17:05 Calibration ID: 36415

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/11	OR214475.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	206120					1000				
PCB-1248 Peak 2	Ave	537626					1000				
PCB-1248 Peak 3	Ave	441524					1000				
PCB-1248 Peak 4	Ave	839518					1000				
PCB-1248 Peak 5	Ave	572186					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:22 Calibration End Date: 03/13/2014 17:22 Calibration ID: 36420

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/12	OR214476.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.503										5.433 - 5.573	5.503
PCB-1254 Peak 2	5.750										5.680 - 5.820	5.750
PCB-1254 Peak 3	6.220										6.150 - 6.290	6.220
PCB-1254 Peak 4	6.390										6.320 - 6.460	6.390
PCB-1254 Peak 5	7.758										7.688 - 7.828	7.758

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:22 Calibration End Date: 03/13/2014 17:22 Calibration ID: 36420

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/12	OR214476.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	306.07				Ave		306.067000						20.0			
PCB-1254 Peak 2	309.80				Ave		309.799000						20.0			
PCB-1254 Peak 3	254.62				Ave		254.623000						20.0			
PCB-1254 Peak 4	516.96				Ave		516.957000						20.0			
PCB-1254 Peak 5	510.56				Ave		510.560000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:22 Calibration End Date: 03/13/2014 17:22 Calibration ID: 36420

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/12	OR214476.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	306067					1000				
PCB-1254 Peak 2	Ave	309799					1000				
PCB-1254 Peak 3	Ave	254623					1000				
PCB-1254 Peak 4	Ave	516957					1000				
PCB-1254 Peak 5	Ave	510560					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:22 Calibration End Date: 03/13/2014 17:22 Calibration ID: 36421

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/12	OR214476.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.787										4.717 - 4.857	4.787
PCB-1254 Peak 2	4.937										4.867 - 5.007	4.937
PCB-1254 Peak 3	5.277										5.207 - 5.347	5.277
PCB-1254 Peak 4	5.508										5.438 - 5.578	5.508
PCB-1254 Peak 5	5.858										5.788 - 5.928	5.858

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:22 Calibration End Date: 03/13/2014 17:22 Calibration ID: 36421

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/12	OR214476.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	438.08				Ave		438.078000						20.0			
PCB-1254 Peak 2	737.35				Ave		737.353000						20.0			
PCB-1254 Peak 3	581.23				Ave		581.229000						20.0			
PCB-1254 Peak 4	468.06				Ave		468.057000						20.0			
PCB-1254 Peak 5	665.60				Ave		665.604000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:22 Calibration End Date: 03/13/2014 17:22 Calibration ID: 36421

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/12	OR214476.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	438078					1000				
PCB-1254 Peak 2	Ave	737353					1000				
PCB-1254 Peak 3	Ave	581229					1000				
PCB-1254 Peak 4	Ave	468057					1000				
PCB-1254 Peak 5	Ave	665604					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:38 Calibration End Date: 03/13/2014 17:38 Calibration ID: 36426

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/13	OR214477.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.693										6.623 - 6.763	6.693
PCB-1262 Peak 2	7.047										6.977 - 7.117	7.047
PCB-1262 Peak 3	7.958										7.888 - 8.028	7.958
PCB-1262 Peak 4	9.655										9.585 - 9.725	9.655
PCB-1262 Peak 5	10.285										10.215 - 10.355	10.285

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:38 Calibration End Date: 03/13/2014 17:38 Calibration ID: 36426

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/13	OR214477.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	349.90				Ave		349.898000						20.0			
PCB-1262 Peak 2	418.08				Ave		418.077000						20.0			
PCB-1262 Peak 3	589.40				Ave		589.395000						20.0			
PCB-1262 Peak 4	523.25				Ave		523.246000						20.0			
PCB-1262 Peak 5	315.23				Ave		315.226000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:38 Calibration End Date: 03/13/2014 17:38 Calibration ID: 36426

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/13	OR214477.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	349898					1000				
PCB-1262 Peak 2	Ave	418077					1000				
PCB-1262 Peak 3	Ave	589395					1000				
PCB-1262 Peak 4	Ave	523246					1000				
PCB-1262 Peak 5	Ave	315226					1000				

Curve Type Legend:

Ave = Average

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:38 Calibration End Date: 03/13/2014 17:38 Calibration ID: 36427

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/13	OR214477.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.160										5.090 - 5.230	5.160
PCB-1262 Peak 2	6.003										5.933 - 6.073	6.003
PCB-1262 Peak 3	7.295										7.225 - 7.365	7.295
PCB-1262 Peak 4	7.453										7.383 - 7.523	7.453
PCB-1262 Peak 5	8.673										8.603 - 8.743	8.673

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:38 Calibration End Date: 03/13/2014 17:38 Calibration ID: 36427

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/13	OR214477.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	456.62				Ave		456.622000						20.0			
PCB-1262 Peak 2	643.23				Ave		643.228000						20.0			
PCB-1262 Peak 3	408.90				Ave		408.901000						20.0			
PCB-1262 Peak 4	712.27				Ave		712.269000						20.0			
PCB-1262 Peak 5	542.71				Ave		542.708000						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:38 Calibration End Date: 03/13/2014 17:38 Calibration ID: 36427

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/13	OR214477.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	456622					1000				
PCB-1262 Peak 2	Ave	643228					1000				
PCB-1262 Peak 3	Ave	408901					1000				
PCB-1262 Peak 4	Ave	712269					1000				
PCB-1262 Peak 5	Ave	542708					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:55 Calibration End Date: 03/13/2014 17:55 Calibration ID: 36432

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/14	OR214478.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	9.650										9.580 - 9.720	9.650
PCB-1268 Peak 2	9.703										9.633 - 9.773	9.703
PCB-1268 Peak 3	9.995										9.925 - 10.065	9.995
PCB-1268 Peak 4	10.285										10.215 - 10.355	10.285
PCB-1268 Peak 5	10.583										10.513 - 10.653	10.583

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:55 Calibration End Date: 03/13/2014 17:55 Calibration ID: 36432

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/14	OR214478.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	725.95				Ave		725.951000						20.0			
PCB-1268 Peak 2	1052.2				Ave		1052.22500						20.0			
PCB-1268 Peak 3	716.17				Ave		716.167000						20.0			
PCB-1268 Peak 4	306.46				Ave		306.463000						20.0			
PCB-1268 Peak 5	1910.9				Ave		1910.93600						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:55 Calibration End Date: 03/13/2014 17:55 Calibration ID: 36432

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/14	OR214478.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	725951					1000				
PCB-1268 Peak 2	Ave	1052225					1000				
PCB-1268 Peak 3	Ave	716167					1000				
PCB-1268 Peak 4	Ave	306463					1000				
PCB-1268 Peak 5	Ave	1910936					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:55 Calibration End Date: 03/13/2014 17:55 Calibration ID: 36433

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/14	OR214478.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.372										7.302 - 7.442	7.372
PCB-1268 Peak 2	7.440										7.370 - 7.510	7.440
PCB-1268 Peak 3	7.840										7.770 - 7.910	7.840
PCB-1268 Peak 4	8.672										8.602 - 8.742	8.672
PCB-1268 Peak 5	9.187										9.117 - 9.257	9.187

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:55 Calibration End Date: 03/13/2014 17:55 Calibration ID: 36433

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/14	OR214478.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	1178.3				Ave		1178.30700						20.0			
PCB-1268 Peak 2	1558.9				Ave		1558.92700						20.0			
PCB-1268 Peak 3	1215.8				Ave		1215.78400						20.0			
PCB-1268 Peak 4	555.26				Ave		555.255000						20.0			
PCB-1268 Peak 5	3080.4				Ave		3080.37500						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.: 460-72180-1 Analy Batch No.: 212448

SDG No.: _____

Instrument ID: CPESTGC7 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/13/2014 17:55 Calibration End Date: 03/13/2014 17:55 Calibration ID: 36433

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-212448/14	OR214478.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	1178307					1000				
PCB-1268 Peak 2	Ave	1558927					1000				
PCB-1268 Peak 3	Ave	1215784					1000				
PCB-1268 Peak 4	Ave	555255					1000				
PCB-1268 Peak 5	Ave	3080375					1000				

Curve Type Legend:

Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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	7826		1020	1000	2.2	15.0
PCB-1016 Peak 2	Ave	15699	15944		1020	1000	1.6	15.0
PCB-1016 Peak 3	Ave	32317	30180		934	1000	-6.6	15.0
PCB-1016 Peak 4	Ave	9787	9336		954	1000	-4.6	15.0
PCB-1016 Peak 5	Ave	11335	10632		938	1000	-6.2	15.0
PCB-1260 Peak 1	Ave	20927	21123		1010	1000	0.9	15.0
PCB-1260 Peak 2	Ave	25276	23776		941	1000	-5.9	15.0
PCB-1260 Peak 3	Ave	19122	18977		992	1000	-0.8	15.0
PCB-1260 Peak 4	Ave	41693	40818		979	1000	-2.1	15.0
PCB-1260 Peak 5	Ave	10829	10901		1010	1000	0.7	15.0
Tetrachloro-m-xylene	Ave	423042	436956		103	100	3.3	15.0
DCB Decachlorobiphenyl	Ave	321712	332286		103	100	3.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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	10.07	10.01	10.15
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.19	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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	7826		1020	1000	2.2	15.0
PCB-1016 Peak 2	Ave	15699	15944		1020	1000	1.6	15.0
PCB-1016 Peak 3	Ave	32317	30180		934	1000	-6.6	15.0
PCB-1016 Peak 4	Ave	9787	9336		954	1000	-4.6	15.0
PCB-1016 Peak 5	Ave	11335	10632		938	1000	-6.2	15.0
PCB-1260 Peak 1	Ave	20927	21123		1010	1000	0.9	15.0
PCB-1260 Peak 2	Ave	25276	23776		941	1000	-5.9	15.0
PCB-1260 Peak 3	Ave	19122	18977		992	1000	-0.8	15.0
PCB-1260 Peak 4	Ave	41693	40818		979	1000	-2.1	15.0
PCB-1260 Peak 5	Ave	10829	10901		1010	1000	0.7	15.0
Tetrachloro-m-xylene	Ave	423042	436956		103	100	3.3	15.0
DCB Decachlorobiphenyl	Ave	321712	332286		103	100	3.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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	10.07	10.01	10.15
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.19	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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	29517		911	1000	-8.9	15.0
PCB-1016 Peak 2	Ave	59330	54876		925	1000	-7.5	15.0
PCB-1016 Peak 3	Ave	123081	113436		922	1000	-7.8	15.0
PCB-1016 Peak 4	Ave	48777	45775		938	1000	-6.2	15.0
PCB-1016 Peak 5	Ave	46662	45609		977	1000	-2.3	15.0
PCB-1260 Peak 1	Ave	68565	63930		932	1000	-6.8	15.0
PCB-1260 Peak 2	Ave	70365	62849		893	1000	-10.7	15.0
PCB-1260 Peak 3	Ave	152106	141602		931	1000	-6.9	15.0
PCB-1260 Peak 4	Ave	80241	72300		901	1000	-9.9	15.0
PCB-1260 Peak 5	Ave	37925	36108		952	1000	-4.8	15.0
Tetrachloro-m-xylene	Ave	1820484	1631594		89.6	100	-10.4	15.0
DCB Decachlorobiphenyl	Ave	1219373	1202684		98.6	100	-1.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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	29517		911	1000	-8.9	15.0
PCB-1016 Peak 2	Ave	59330	54876		925	1000	-7.5	15.0
PCB-1016 Peak 3	Ave	123081	113436		922	1000	-7.8	15.0
PCB-1016 Peak 4	Ave	48777	45775		938	1000	-6.2	15.0
PCB-1016 Peak 5	Ave	46662	45609		977	1000	-2.3	15.0
PCB-1260 Peak 1	Ave	68565	63930		932	1000	-6.8	15.0
PCB-1260 Peak 2	Ave	70365	62849		893	1000	-10.7	15.0
PCB-1260 Peak 3	Ave	152106	141602		931	1000	-6.9	15.0
PCB-1260 Peak 4	Ave	80241	72300		901	1000	-9.9	15.0
PCB-1260 Peak 5	Ave	37925	36108		952	1000	-4.8	15.0
Tetrachloro-m-xylene	Ave	1820484	1631594		89.6	100	-10.4	15.0
DCB Decachlorobiphenyl	Ave	1219373	1202684		98.6	100	-1.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/2 Calibration Date: 03/11/2014 22:52
 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: T004488.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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	7987		1040	1000	4.3	15.0
PCB-1016 Peak 2	Ave	15699	16436		1050	1000	4.7	15.0
PCB-1016 Peak 3	Ave	32317	31191		965	1000	-3.5	15.0
PCB-1016 Peak 4	Ave	9787	9712		992	1000	-0.8	15.0
PCB-1016 Peak 5	Ave	11335	11352		1000	1000	0.1	15.0
PCB-1260 Peak 1	Ave	20927	21703		1040	1000	3.7	15.0
PCB-1260 Peak 2	Ave	25276	26029		1030	1000	3.0	15.0
PCB-1260 Peak 3	Ave	19122	19426		1020	1000	1.6	15.0
PCB-1260 Peak 4	Ave	41693	41993		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	10829	10696		988	1000	-1.2	15.0
Tetrachloro-m-xylene	Ave	423042	449473		106	100	6.2	15.0
DCB Decachlorobiphenyl	Ave	321712	337822		105	100	5.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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	7987		1040	1000	4.3	15.0
PCB-1016 Peak 2	Ave	15699	16436		1050	1000	4.7	15.0
PCB-1016 Peak 3	Ave	32317	31191		965	1000	-3.5	15.0
PCB-1016 Peak 4	Ave	9787	9712		992	1000	-0.8	15.0
PCB-1016 Peak 5	Ave	11335	11352		1000	1000	0.1	15.0
PCB-1260 Peak 1	Ave	20927	21703		1040	1000	3.7	15.0
PCB-1260 Peak 2	Ave	25276	26029		1030	1000	3.0	15.0
PCB-1260 Peak 3	Ave	19122	19426		1020	1000	1.6	15.0
PCB-1260 Peak 4	Ave	41693	41993		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	10829	10696		988	1000	-1.2	15.0
Tetrachloro-m-xylene	Ave	423042	449473		106	100	6.2	15.0
DCB Decachlorobiphenyl	Ave	321712	337822		105	100	5.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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 RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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	7987		1040	1000	4.3	15.0
PCB-1016 Peak 2	Ave	15699	16436		1050	1000	4.7	15.0
PCB-1016 Peak 3	Ave	32317	31191		965	1000	-3.5	15.0
PCB-1016 Peak 4	Ave	9787	9712		992	1000	-0.8	15.0
PCB-1016 Peak 5	Ave	11335	11352		1000	1000	0.1	15.0
PCB-1260 Peak 1	Ave	20927	21703		1040	1000	3.7	15.0
PCB-1260 Peak 2	Ave	25276	26029		1030	1000	3.0	15.0
PCB-1260 Peak 3	Ave	19122	19426		1020	1000	1.6	15.0
PCB-1260 Peak 4	Ave	41693	41993		1010	1000	0.7	15.0
PCB-1260 Peak 5	Ave	10829	10696		988	1000	-1.2	15.0
Tetrachloro-m-xylene	Ave	423042	449473		106	100	6.2	15.0
DCB Decachlorobiphenyl	Ave	321712	337822		105	100	5.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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	29092		898	1000	-10.2	15.0
PCB-1016 Peak 2	Ave	59330	55677		938	1000	-6.2	15.0
PCB-1016 Peak 3	Ave	123081	114106		927	1000	-7.3	15.0
PCB-1016 Peak 4	Ave	48777	47296		970	1000	-3.0	15.0
PCB-1016 Peak 5	Ave	46662	44819		961	1000	-3.9	15.0
PCB-1260 Peak 1	Ave	68565	65716		958	1000	-4.2	15.0
PCB-1260 Peak 2	Ave	70365	64889		922	1000	-7.8	15.0
PCB-1260 Peak 3	Ave	152106	140570		924	1000	-7.6	15.0
PCB-1260 Peak 4	Ave	80241	75401		940	1000	-6.0	15.0
PCB-1260 Peak 5	Ave	37925	35850		945	1000	-5.5	15.0
Tetrachloro-m-xylene	Ave	1820484	1661580		91.3	100	-8.7	15.0
DCB Decachlorobiphenyl	Ave	1219373	1141560		93.6	100	-6.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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	29092		898	1000	-10.2	15.0
PCB-1016 Peak 2	Ave	59330	55677		938	1000	-6.2	15.0
PCB-1016 Peak 3	Ave	123081	114106		927	1000	-7.3	15.0
PCB-1016 Peak 4	Ave	48777	47296		970	1000	-3.0	15.0
PCB-1016 Peak 5	Ave	46662	44819		961	1000	-3.9	15.0
PCB-1260 Peak 1	Ave	68565	65716		958	1000	-4.2	15.0
PCB-1260 Peak 2	Ave	70365	64889		922	1000	-7.8	15.0
PCB-1260 Peak 3	Ave	152106	140570		924	1000	-7.6	15.0
PCB-1260 Peak 4	Ave	80241	75401		940	1000	-6.0	15.0
PCB-1260 Peak 5	Ave	37925	35850		945	1000	-5.5	15.0
Tetrachloro-m-xylene	Ave	1820484	1661580		91.3	100	-8.7	15.0
DCB Decachlorobiphenyl	Ave	1219373	1141560		93.6	100	-6.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212066/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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 RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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	29092		898	1000	-10.2	15.0
PCB-1016 Peak 2	Ave	59330	55677		938	1000	-6.2	15.0
PCB-1016 Peak 3	Ave	123081	114106		927	1000	-7.3	15.0
PCB-1016 Peak 4	Ave	48777	47296		970	1000	-3.0	15.0
PCB-1016 Peak 5	Ave	46662	44819		961	1000	-3.9	15.0
PCB-1260 Peak 1	Ave	68565	65716		958	1000	-4.2	15.0
PCB-1260 Peak 2	Ave	70365	64889		922	1000	-7.8	15.0
PCB-1260 Peak 3	Ave	152106	140570		924	1000	-7.6	15.0
PCB-1260 Peak 4	Ave	80241	75401		940	1000	-6.0	15.0
PCB-1260 Peak 5	Ave	37925	35850		945	1000	-5.5	15.0
Tetrachloro-m-xylene	Ave	1820484	1661580		91.3	100	-8.7	15.0
DCB Decachlorobiphenyl	Ave	1219373	1141560		93.6	100	-6.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212067/58 Calibration Date: 03/12/2014 07:56
 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: T004514.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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	7890		1030	1000	3.0	15.0
PCB-1016 Peak 2	Ave	15699	15400		981	1000	-1.9	15.0
PCB-1016 Peak 3	Ave	32317	32494		1010	1000	0.5	15.0
PCB-1016 Peak 4	Ave	9787	10142		1040	1000	3.6	15.0
PCB-1016 Peak 5	Ave	11335	12078		1070	1000	6.6	15.0
PCB-1260 Peak 1	Ave	20927	21766		1040	1000	4.0	15.0
PCB-1260 Peak 2	Ave	25276	25399		1000	1000	0.5	15.0
PCB-1260 Peak 3	Ave	19122	19036		995	1000	-0.5	15.0
PCB-1260 Peak 4	Ave	41693	41604		998	1000	-0.2	15.0
PCB-1260 Peak 5	Ave	10829	10808		998	1000	-0.2	15.0
Tetrachloro-m-xylene	Ave	423042	442751		105	100	4.7	15.0
DCB Decachlorobiphenyl	Ave	321712	322809		100	100	0.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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	7890		1030	1000	3.0	15.0
PCB-1016 Peak 2	Ave	15699	15400		981	1000	-1.9	15.0
PCB-1016 Peak 3	Ave	32317	32494		1010	1000	0.5	15.0
PCB-1016 Peak 4	Ave	9787	10142		1040	1000	3.6	15.0
PCB-1016 Peak 5	Ave	11335	12078		1070	1000	6.6	15.0
PCB-1260 Peak 1	Ave	20927	21766		1040	1000	4.0	15.0
PCB-1260 Peak 2	Ave	25276	25399		1000	1000	0.5	15.0
PCB-1260 Peak 3	Ave	19122	19036		995	1000	-0.5	15.0
PCB-1260 Peak 4	Ave	41693	41604		998	1000	-0.2	15.0
PCB-1260 Peak 5	Ave	10829	10808		998	1000	-0.2	15.0
Tetrachloro-m-xylene	Ave	423042	442751		105	100	4.7	15.0
DCB Decachlorobiphenyl	Ave	321712	322809		100	100	0.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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	11.20	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 RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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	11.20	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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	30779		950	1000	-5.0	15.0
PCB-1016 Peak 2	Ave	59330	54479		918	1000	-8.2	15.0
PCB-1016 Peak 3	Ave	123081	111455		906	1000	-9.4	15.0
PCB-1016 Peak 4	Ave	48777	46663		957	1000	-4.3	15.0
PCB-1016 Peak 5	Ave	46662	47335		1010	1000	1.4	15.0
PCB-1260 Peak 1	Ave	68565	67224		980	1000	-2.0	15.0
PCB-1260 Peak 2	Ave	70365	66042		939	1000	-6.1	15.0
PCB-1260 Peak 3	Ave	152106	146966		966	1000	-3.4	15.0
PCB-1260 Peak 4	Ave	80241	73409		915	1000	-8.5	15.0
PCB-1260 Peak 5	Ave	37925	37587		991	1000	-0.9	15.0
Tetrachloro-m-xylene	Ave	1820484	1647320		90.5	100	-9.5	15.0
DCB Decachlorobiphenyl	Ave	1219373	1198082		98.3	100	-1.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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	30779		950	1000	-5.0	15.0
PCB-1016 Peak 2	Ave	59330	54479		918	1000	-8.2	15.0
PCB-1016 Peak 3	Ave	123081	111455		906	1000	-9.4	15.0
PCB-1016 Peak 4	Ave	48777	46663		957	1000	-4.3	15.0
PCB-1016 Peak 5	Ave	46662	47335		1010	1000	1.4	15.0
PCB-1260 Peak 1	Ave	68565	67224		980	1000	-2.0	15.0
PCB-1260 Peak 2	Ave	70365	66042		939	1000	-6.1	15.0
PCB-1260 Peak 3	Ave	152106	146966		966	1000	-3.4	15.0
PCB-1260 Peak 4	Ave	80241	73409		915	1000	-8.5	15.0
PCB-1260 Peak 5	Ave	37925	37587		991	1000	-0.9	15.0
Tetrachloro-m-xylene	Ave	1820484	1647320		90.5	100	-9.5	15.0
DCB Decachlorobiphenyl	Ave	1219373	1198082		98.3	100	-1.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212092/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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 RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/69 Calibration Date: 03/12/2014 11:28
 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: T004525.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/80 Calibration Date: 03/12/2014 15:28
 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: T004536.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	8173		1070	1000	6.7	15.0
PCB-1016 Peak 2	Ave	15699	16135		1030	1000	2.8	15.0
PCB-1016 Peak 3	Ave	32317	33212		1030	1000	2.8	15.0
PCB-1016 Peak 4	Ave	9787	10268		1050	1000	4.9	15.0
PCB-1016 Peak 5	Ave	11335	12034		1060	1000	6.2	15.0
PCB-1260 Peak 1	Ave	20927	22130		1060	1000	5.7	15.0
PCB-1260 Peak 2	Ave	25276	25635		1010	1000	1.4	15.0
PCB-1260 Peak 3	Ave	19122	19846		1040	1000	3.8	15.0
PCB-1260 Peak 4	Ave	41693	42625		1020	1000	2.2	15.0
PCB-1260 Peak 5	Ave	10829	11073		1020	1000	2.2	15.0
Tetrachloro-m-xylene	Ave	423042	459801		109	100	8.7	15.0
DCB Decachlorobiphenyl	Ave	321712	332255		103	100	3.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/80 Calibration Date: 03/12/2014 15:28
 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: T004536.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	5.92	5.84	5.98
PCB-1260 Peak 1	7.97	7.89	8.03
PCB-1260 Peak 2	8.44	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	11.21	11.13	11.27
Tetrachloro-m-xylene	2.34	2.28	2.38
DCB Decachlorobiphenyl	11.66	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/80 Calibration Date: 03/12/2014 15:28
 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: T004536.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	31441		970	1000	-3.0	15.0
PCB-1016 Peak 2	Ave	59330	59027		995	1000	-0.5	15.0
PCB-1016 Peak 3	Ave	123081	120411		978	1000	-2.2	15.0
PCB-1016 Peak 4	Ave	48777	49688		1020	1000	1.9	15.0
PCB-1016 Peak 5	Ave	46662	47276		1010	1000	1.3	15.0
PCB-1260 Peak 1	Ave	68565	66844		975	1000	-2.5	15.0
PCB-1260 Peak 2	Ave	70365	68372		972	1000	-2.8	15.0
PCB-1260 Peak 3	Ave	152106	149150		981	1000	-1.9	15.0
PCB-1260 Peak 4	Ave	80241	76659		955	1000	-4.5	15.0
PCB-1260 Peak 5	Ave	37925	36776		970	1000	-3.0	15.0
Tetrachloro-m-xylene	Ave	1820484	1722006		94.6	100	-5.4	15.0
DCB Decachlorobiphenyl	Ave	1219373	1213893		99.6	100	-0.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212157/80 Calibration Date: 03/12/2014 15:28
 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: T004536.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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/2 Calibration Date: 03/13/2014 06:43
 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: T004560.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	7931		1040	1000	3.6	15.0
PCB-1016 Peak 2	Ave	15699	15947		1020	1000	1.6	15.0
PCB-1016 Peak 3	Ave	32317	31499		975	1000	-2.5	15.0
PCB-1016 Peak 4	Ave	9787	9796		1000	1000	0.0	15.0
PCB-1016 Peak 5	Ave	11335	11797		1040	1000	4.1	15.0
PCB-1260 Peak 1	Ave	20927	21203		1010	1000	1.3	15.0
PCB-1260 Peak 2	Ave	25276	24786		981	1000	-1.9	15.0
PCB-1260 Peak 3	Ave	19122	18162		950	1000	-5.0	15.0
PCB-1260 Peak 4	Ave	41693	39631		951	1000	-4.9	15.0
PCB-1260 Peak 5	Ave	10829	10377		958	1000	-4.2	15.0
Tetrachloro-m-xylene	Ave	423042	441081		104	100	4.3	15.0
DCB Decachlorobiphenyl	Ave	321712	315487		98.1	100	-1.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/2 Calibration Date: 03/13/2014 06:43
 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: T004560.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	11.20	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/2 Calibration Date: 03/13/2014 06:43
 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: T004560.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	29410		908	1000	-9.2	15.0
PCB-1016 Peak 2	Ave	59330	54583		920	1000	-8.0	15.0
PCB-1016 Peak 3	Ave	123081	111074		902	1000	-9.8	15.0
PCB-1016 Peak 4	Ave	48777	46722		958	1000	-4.2	15.0
PCB-1016 Peak 5	Ave	46662	45022		965	1000	-3.5	15.0
PCB-1260 Peak 1	Ave	68565	63869		932	1000	-6.8	15.0
PCB-1260 Peak 2	Ave	70365	63954		909	1000	-9.1	15.0
PCB-1260 Peak 3	Ave	152106	143103		941	1000	-5.9	15.0
PCB-1260 Peak 4	Ave	80241	71184		887	1000	-11.3	15.0
PCB-1260 Peak 5	Ave	37925	34908		920	1000	-8.0	15.0
Tetrachloro-m-xylene	Ave	1820484	1590231		87.4	100	-12.6	15.0
DCB Decachlorobiphenyl	Ave	1219373	1081794		88.7	100	-11.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/2 Calibration Date: 03/13/2014 06:43
 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: T004560.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	10.05	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/16 Calibration Date: 03/13/2014 12:14
 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: T004574.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	7719		1010	1000	0.8	15.0
PCB-1016 Peak 2	Ave	15699	16045		1020	1000	2.2	15.0
PCB-1016 Peak 3	Ave	32317	31055		961	1000	-3.9	15.0
PCB-1016 Peak 4	Ave	9787	9786		1000	1000	-0.0	15.0
PCB-1016 Peak 5	Ave	11335	11664		1030	1000	2.9	15.0
PCB-1260 Peak 1	Ave	20927	21575		1030	1000	3.1	15.0
PCB-1260 Peak 2	Ave	25276	24855		983	1000	-1.7	15.0
PCB-1260 Peak 3	Ave	19122	18378		961	1000	-3.9	15.0
PCB-1260 Peak 4	Ave	41693	42174		1010	1000	1.2	15.0
PCB-1260 Peak 5	Ave	10829	10928		1010	1000	0.9	15.0
Tetrachloro-m-xylene	Ave	423042	441983		104	100	4.5	15.0
DCB Decachlorobiphenyl	Ave	321712	319605		99.3	100	-0.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/16 Calibration Date: 03/13/2014 12:14
 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: T004574.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.10	2.99	3.13
PCB-1016 Peak 2	3.82	3.72	3.86
PCB-1016 Peak 3	4.64	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	7.94	7.89	8.03
PCB-1260 Peak 2	8.41	8.35	8.49
PCB-1260 Peak 3	10.06	10.01	10.15
PCB-1260 Peak 4	10.38	10.32	10.46
PCB-1260 Peak 5	11.19	11.13	11.27
Tetrachloro-m-xylene	2.37	2.28	2.38
DCB Decachlorobiphenyl	11.63	11.54	11.74

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/16 Calibration Date: 03/13/2014 12:14
 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: T004574.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	32661		1010	1000	0.8	15.0
PCB-1016 Peak 2	Ave	59330	55182		930	1000	-7.0	15.0
PCB-1016 Peak 3	Ave	123081	112380		913	1000	-8.7	15.0
PCB-1016 Peak 4	Ave	48777	45944		942	1000	-5.8	15.0
PCB-1016 Peak 5	Ave	46662	43619		935	1000	-6.5	15.0
PCB-1260 Peak 1	Ave	68565	64096		935	1000	-6.5	15.0
PCB-1260 Peak 2	Ave	70365	63285		899	1000	-10.1	15.0
PCB-1260 Peak 3	Ave	152106	137932		907	1000	-9.3	15.0
PCB-1260 Peak 4	Ave	80241	69265		863	1000	-13.7	15.0
PCB-1260 Peak 5	Ave	37925	36014		950	1000	-5.0	15.0
Tetrachloro-m-xylene	Ave	1820484	1601202		88.0	100	-12.0	15.0
DCB Decachlorobiphenyl	Ave	1219373	1130142		92.7	100	-7.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212322/16 Calibration Date: 03/13/2014 12:14
 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: T004574.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.12	1.96	2.10
PCB-1016 Peak 2	2.55	2.40	2.54
PCB-1016 Peak 3	3.13	2.99	3.13
PCB-1016 Peak 4	3.33	3.18	3.32
PCB-1016 Peak 5	4.01	3.88	4.02
PCB-1260 Peak 1	5.99	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	10.05	9.99	10.13
Tetrachloro-m-xylene	1.70	1.56	1.66
DCB Decachlorobiphenyl	10.55	10.46	10.66

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/2 Calibration Date: 03/14/2014 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004612.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	8108	7397		912	1000	-8.8	15.0
PCB-1016 Peak 2	Ave	15434	15448		1000	1000	0.0	15.0
PCB-1016 Peak 3	Ave	30755	30302		985	1000	-1.5	15.0
PCB-1016 Peak 4	Ave	9170	9401		1030	1000	2.5	15.0
PCB-1016 Peak 5	Ave	10575	11237		1060	1000	6.3	15.0
PCB-1260 Peak 1	Ave	21123	20750		982	1000	-1.8	15.0
PCB-1260 Peak 2	Ave	24739	23882		965	1000	-3.5	15.0
PCB-1260 Peak 3	Ave	18988	17568		925	1000	-7.5	15.0
PCB-1260 Peak 4	Ave	41663	40063		962	1000	-3.8	15.0
PCB-1260 Peak 5	Ave	10942	9997		914	1000	-8.6	15.0
Tetrachloro-m-xylene	Ave	431313	424621		98.4	100	-1.6	15.0
DCB Decachlorobiphenyl	Ave	322037	318276		98.8	100	-1.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/2 Calibration Date: 03/14/2014 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004612.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	4.56	4.70
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	8.36	8.50
PCB-1260 Peak 3	10.07	10.00	10.14
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.21	11.14	11.28
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.66	11.56	11.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/2 Calibration Date: 03/14/2014 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004612.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		25417		1010	1000	0.8	15.0
PCB-1016 Peak 2	Ave	49184	47088		957	1000	-4.3	15.0
PCB-1016 Peak 3	Ave	98514	97804		993	1000	-0.7	15.0
PCB-1016 Peak 4	Ave	38718	40547		1050	1000	4.7	15.0
PCB-1016 Peak 5	Ave	35121	39804		1130	1000	13.3	15.0
PCB-1260 Peak 1	Ave	53102	56863		1070	1000	7.1	15.0
PCB-1260 Peak 2	Ave	53134	57183		1080	1000	7.6	15.0
PCB-1260 Peak 3	Ave	121916	125498		1030	1000	2.9	15.0
PCB-1260 Peak 4	Ave	62380	62122		996	1000	-0.4	15.0
PCB-1260 Peak 5	Ave	30937	30869		998	1000	-0.2	15.0
Tetrachloro-m-xylene	Ave	1364963	1381291		101	100	1.2	15.0
DCB Decachlorobiphenyl	Ave	971802	1001131		103	100	3.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/2 Calibration Date: 03/14/2014 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004612.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	7.48	7.41	7.55
PCB-1260 Peak 3	8.12	8.05	8.19
PCB-1260 Peak 4	8.75	8.68	8.82
PCB-1260 Peak 5	10.05	9.98	10.12
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.55	10.45	10.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/23 Calibration Date: 03/14/2014 14:02
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004633.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	8108	8942		1100	1000	10.3	15.0
PCB-1016 Peak 2	Ave	15434	15059		976	1000	-2.4	15.0
PCB-1016 Peak 3	Ave	30755	31257		1020	1000	1.6	15.0
PCB-1016 Peak 4	Ave	9170	9106		993	1000	-0.7	15.0
PCB-1016 Peak 5	Ave	10575	11389		1080	1000	7.7	15.0
PCB-1260 Peak 1	Ave	21123	20331		962	1000	-3.8	15.0
PCB-1260 Peak 2	Ave	24739	22663		916	1000	-8.4	15.0
PCB-1260 Peak 3	Ave	18988	17698		932	1000	-6.8	15.0
PCB-1260 Peak 4	Ave	41663	41401		994	1000	-0.6	15.0
PCB-1260 Peak 5	Ave	10942	10537		963	1000	-3.7	15.0
Tetrachloro-m-xylene	Ave	431313	432053		100	100	0.2	15.0
DCB Decachlorobiphenyl	Ave	322037	333478		104	100	3.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/23 Calibration Date: 03/14/2014 14:02
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004633.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	4.56	4.70
PCB-1016 Peak 4	5.70	5.63	5.77
PCB-1016 Peak 5	5.91	5.84	5.98
PCB-1260 Peak 1	7.95	7.89	8.03
PCB-1260 Peak 2	8.43	8.36	8.50
PCB-1260 Peak 3	10.08	10.00	10.14
PCB-1260 Peak 4	10.39	10.32	10.46
PCB-1260 Peak 5	11.19	11.14	11.28
Tetrachloro-m-xylene	2.33	2.28	2.38
DCB Decachlorobiphenyl	11.63	11.56	11.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/23 Calibration Date: 03/14/2014 14:02
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004633.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin1		25101		994	1000	-0.6	15.0
PCB-1016 Peak 2	Ave	49184	40972		833	1000	-16.7*	15.0
PCB-1016 Peak 3	Ave	98514	89070		904	1000	-9.6	15.0
PCB-1016 Peak 4	Ave	38718	37144		959	1000	-4.1	15.0
PCB-1016 Peak 5	Ave	35121	32103		914	1000	-8.6	15.0
PCB-1260 Peak 1	Ave	53102	48068		905	1000	-9.5	15.0
PCB-1260 Peak 2	Ave	53134	48906		920	1000	-8.0	15.0
PCB-1260 Peak 3	Ave	121916	113759		933	1000	-6.7	15.0
PCB-1260 Peak 4	Ave	62380	55203		885	1000	-11.5	15.0
PCB-1260 Peak 5	Ave	30937	26887		869	1000	-13.1	15.0
Tetrachloro-m-xylene	Ave	1364963	1204951		88.3	100	-11.7	15.0
DCB Decachlorobiphenyl	Ave	971802	874022		89.9	100	-10.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212604/23 Calibration Date: 03/14/2014 14:02
 Instrument ID: CPESTGC11 Calib Start Date: 03/13/2014 14:58
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 16:13
 Lab File ID: T004633.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	7.48	7.41	7.55
PCB-1260 Peak 3	8.12	8.05	8.19
PCB-1260 Peak 4	8.76	8.68	8.82
PCB-1260 Peak 5	10.05	9.98	10.12
Tetrachloro-m-xylene	1.61	1.56	1.66
DCB Decachlorobiphenyl	10.55	10.45	10.65

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/2 Calibration Date: 03/11/2014 23:00
 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: OR214383.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	170.6		1030	1000	3.0	15.0
PCB-1016 Peak 2	Ave	312.4	349.5		1120	1000	11.9	15.0
PCB-1016 Peak 3	Ave	558.6	503.7		902	1000	-9.8	15.0
PCB-1016 Peak 4	Ave	169.9	152.0		895	1000	-10.5	15.0
PCB-1016 Peak 5	Ave	246.3	275.9		1120	1000	12.0	15.0
PCB-1260 Peak 1	Ave	392.3	392.2		1000	1000	-0.0	15.0
PCB-1260 Peak 2	Ave	457.7	461.2		1010	1000	0.8	15.0
PCB-1260 Peak 3	Ave	360.0	356.7		991	1000	-0.9	15.0
PCB-1260 Peak 4	Ave	752.6	857.2		1140	1000	13.9	15.0
PCB-1260 Peak 5	Ave	197.1	202.9		1030	1000	3.0	15.0
Tetrachloro-m-xylene	Ave	8472	8666		102	100	2.3	15.0
DCB Decachlorobiphenyl	Ave	5349	5511		103	100	3.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/2 Calibration Date: 03/11/2014 23:00
 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: OR214383.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	6.50	6.44	6.58
PCB-1260 Peak 2	6.84	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	2.52	2.47	2.57
DCB Decachlorobiphenyl	10.66	10.56	10.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/2 Calibration Date: 03/11/2014 23:00
 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: OR214383.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	294.8		1240	1000	24.4*	15.0
PCB-1016 Peak 2	Ave	383.6	423.1		1100	1000	10.3	15.0
PCB-1016 Peak 3	Ave	805.3	816.9		1010	1000	1.4	15.0
PCB-1016 Peak 4	Ave	301.9	310.7		1030	1000	2.9	15.0
PCB-1016 Peak 5	Ave	328.1	354.7		1080	1000	8.1	15.0
PCB-1260 Peak 1	Ave	473.4	499.0		1050	1000	5.4	15.0
PCB-1260 Peak 2	Ave	391.1	425.1		1090	1000	8.7	15.0
PCB-1260 Peak 3	Ave	1077	1274		1180	1000	18.3*	15.0
PCB-1260 Peak 4	Ave	416.9	407.4		977	1000	-2.3	15.0
PCB-1260 Peak 5	Ave	342.1	384.4		1120	1000	12.4	15.0
Tetrachloro-m-xylene	Ave	10181	10236		101	100	0.5	15.0
DCB Decachlorobiphenyl	Ave	8336	9265		111	100	11.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/2 Calibration Date: 03/11/2014 23:00
 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: OR214383.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	3.71	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/28 Calibration Date: 03/12/2014 06:49
 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: OR214409.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	162.3		979	1000	-2.1	15.0
PCB-1016 Peak 2	Ave	312.4	292.6		937	1000	-6.3	15.0
PCB-1016 Peak 3	Ave	558.6	510.2		913	1000	-8.7	15.0
PCB-1016 Peak 4	Ave	169.9	172.8		1020	1000	1.7	15.0
PCB-1016 Peak 5	Ave	246.3	280.7		1140	1000	14.0	15.0
PCB-1260 Peak 1	Ave	392.3	394.9		1010	1000	0.7	15.0
PCB-1260 Peak 2	Ave	457.7	453.5		991	1000	-0.9	15.0
PCB-1260 Peak 3	Ave	360.0	339.6		943	1000	-5.7	15.0
PCB-1260 Peak 4	Ave	752.6	765.9		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	8814		104	100	4.0	15.0
DCB Decachlorobiphenyl	Ave	5349	5702		107	100	6.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/28 Calibration Date: 03/12/2014 06:49
 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: OR214409.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.03	2.98	3.12
PCB-1016 Peak 2	3.50	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	8.37	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/28 Calibration Date: 03/12/2014 06:49
 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: OR214409.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	245.2		1030	1000	3.5	15.0
PCB-1016 Peak 2	Ave	383.6	394.1		1030	1000	2.7	15.0
PCB-1016 Peak 3	Ave	805.3	804.9		999	1000	-0.0	15.0
PCB-1016 Peak 4	Ave	301.9	311.6		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	328.1	339.9		1040	1000	3.6	15.0
PCB-1260 Peak 1	Ave	473.4	475.2		1000	1000	0.4	15.0
PCB-1260 Peak 2	Ave	391.1	374.4		957	1000	-4.3	15.0
PCB-1260 Peak 3	Ave	1077	1112		1030	1000	3.3	15.0
PCB-1260 Peak 4	Ave	416.9	349.2		838	1000	-16.2*	15.0
PCB-1260 Peak 5	Ave	342.1	384.5		1120	1000	12.4	15.0
Tetrachloro-m-xylene	Ave	10181	10490		103	100	3.0	15.0
DCB Decachlorobiphenyl	Ave	8336	9461		113	100	13.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-211991/28 Calibration Date: 03/12/2014 06:49
 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: OR214409.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.28	2.42
PCB-1016 Peak 2	2.66	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	5.11	5.06	5.20
PCB-1260 Peak 2	6.27	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/2 Calibration Date: 03/12/2014 23:19
 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: OR214433.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	168.6		1020	1000	1.8	15.0
PCB-1016 Peak 2	Ave	312.4	306.0		980	1000	-2.0	15.0
PCB-1016 Peak 3	Ave	558.6	501.7		898	1000	-10.2	15.0
PCB-1016 Peak 4	Ave	169.9	158.4		932	1000	-6.8	15.0
PCB-1016 Peak 5	Ave	246.3	280.1		1140	1000	13.8	15.0
PCB-1260 Peak 1	Ave	392.3	390.8		996	1000	-0.4	15.0
PCB-1260 Peak 2	Ave	457.7	451.3		986	1000	-1.4	15.0
PCB-1260 Peak 3	Ave	360.0	345.9		961	1000	-3.9	15.0
PCB-1260 Peak 4	Ave	752.6	686.1		912	1000	-8.8	15.0
PCB-1260 Peak 5	Ave	197.1	231.8		1180	1000	17.6*	15.0
Tetrachloro-m-xylene	Ave	8472	9159		108	100	8.1	15.0
DCB Decachlorobiphenyl	Ave	5349	5924		111	100	10.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/2 Calibration Date: 03/12/2014 23:19
 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: OR214433.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	6.84	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	2.52	2.47	2.57
DCB Decachlorobiphenyl	10.66	10.56	10.76

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/2 Calibration Date: 03/12/2014 23:19
 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: OR214433.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	231.3		976	1000	-2.4	15.0
PCB-1016 Peak 2	Ave	383.6	392.2		1020	1000	2.2	15.0
PCB-1016 Peak 3	Ave	805.3	765.2		950	1000	-5.0	15.0
PCB-1016 Peak 4	Ave	301.9	288.8		957	1000	-4.3	15.0
PCB-1016 Peak 5	Ave	328.1	309.8		944	1000	-5.6	15.0
PCB-1260 Peak 1	Ave	473.4	475.1		1000	1000	0.4	15.0
PCB-1260 Peak 2	Ave	391.1	391.8		1000	1000	0.2	15.0
PCB-1260 Peak 3	Ave	1077	1150		1070	1000	6.8	15.0
PCB-1260 Peak 4	Ave	416.9	365.0		876	1000	-12.4	15.0
PCB-1260 Peak 5	Ave	342.1	393.3		1150	1000	15.0	15.0
Tetrachloro-m-xylene	Ave	10181	10482		103	100	3.0	15.0
DCB Decachlorobiphenyl	Ave	8336	9572		115	100	14.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/2 Calibration Date: 03/12/2014 23:19
 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: OR214433.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	3.26	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/28 Calibration Date: 03/13/2014 07:08
 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: OR214459.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	165.0		996	1000	-0.4	15.0
PCB-1016 Peak 2	Ave	312.4	290.0		928	1000	-7.2	15.0
PCB-1016 Peak 3	Ave	558.6	496.2		888	1000	-11.2	15.0
PCB-1016 Peak 4	Ave	169.9	168.1		990	1000	-1.0	15.0
PCB-1016 Peak 5	Ave	246.3	283.4		1150	1000	15.1*	15.0
PCB-1260 Peak 1	Ave	392.3	397.0		1010	1000	1.2	15.0
PCB-1260 Peak 2	Ave	457.7	448.2		979	1000	-2.1	15.0
PCB-1260 Peak 3	Ave	360.0	330.8		919	1000	-8.1	15.0
PCB-1260 Peak 4	Ave	752.6	729.8		970	1000	-3.0	15.0
PCB-1260 Peak 5	Ave	197.1	205.6		1040	1000	4.3	15.0
Tetrachloro-m-xylene	Ave	8472	8845		104	100	4.4	15.0
DCB Decachlorobiphenyl	Ave	5349	5764		108	100	7.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/28 Calibration Date: 03/13/2014 07:08
 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: OR214459.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.03	2.98	3.12
PCB-1016 Peak 2	3.50	3.45	3.59
PCB-1016 Peak 3	4.04	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	8.37	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/28 Calibration Date: 03/13/2014 07:08
 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: OR214459.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	227.1		958	1000	-4.2	15.0
PCB-1016 Peak 2	Ave	383.6	385.6		1010	1000	0.5	15.0
PCB-1016 Peak 3	Ave	805.3	814.9		1010	1000	1.2	15.0
PCB-1016 Peak 4	Ave	301.9	299.3		991	1000	-0.9	15.0
PCB-1016 Peak 5	Ave	328.1	323.6		987	1000	-1.3	15.0
PCB-1260 Peak 1	Ave	473.4	485.6		1030	1000	2.6	15.0
PCB-1260 Peak 2	Ave	391.1	395.9		1010	1000	1.2	15.0
PCB-1260 Peak 3	Ave	1077	1159		1080	1000	7.6	15.0
PCB-1260 Peak 4	Ave	416.9	340.6		817	1000	-18.3*	15.0
PCB-1260 Peak 5	Ave	342.1	372.3		1090	1000	8.8	15.0
Tetrachloro-m-xylene	Ave	10181	10450		103	100	2.6	15.0
DCB Decachlorobiphenyl	Ave	8336	9556		115	100	14.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212261/28 Calibration Date: 03/13/2014 07:08
 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: OR214459.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.34	2.28	2.42
PCB-1016 Peak 2	2.66	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	5.11	5.06	5.20
PCB-1260 Peak 2	6.27	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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/2 Calibration Date: 03/14/2014 07:54
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214525.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	149.2	165.9		1110	1000	11.2	15.0
PCB-1016 Peak 2	Ave	305.2	334.3		1100	1000	9.5	15.0
PCB-1016 Peak 3	Ave	592.7	644.3		1090	1000	8.7	15.0
PCB-1016 Peak 4	Ave	158.4	176.5		1110	1000	11.4	15.0
PCB-1016 Peak 5	Ave	215.1	240.8		1120	1000	12.0	15.0
PCB-1260 Peak 1	Ave	387.1	415.0		1070	1000	7.2	15.0
PCB-1260 Peak 2	Ave	466.9	498.5		1070	1000	6.8	15.0
PCB-1260 Peak 3	Ave	375.3	400.3		1070	1000	6.6	15.0
PCB-1260 Peak 4	Ave	725.6	795.4		1100	1000	9.6	15.0
PCB-1260 Peak 5	Ave	192.0	205.4		1070	1000	7.0	15.0
Tetrachloro-m-xylene	Ave	7612	8434		111	100	10.8	15.0
DCB Decachlorobiphenyl	Ave	5392	5922		110	100	9.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/2 Calibration Date: 03/14/2014 07:54
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214525.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.15	3.08	3.22
PCB-1016 Peak 2	3.64	3.56	3.70
PCB-1016 Peak 3	4.19	4.11	4.25
PCB-1016 Peak 4	4.96	4.89	5.03
PCB-1016 Peak 5	5.12	5.05	5.19
PCB-1260 Peak 1	6.70	6.62	6.76
PCB-1260 Peak 2	7.05	6.98	7.12
PCB-1260 Peak 3	8.67	8.59	8.73
PCB-1260 Peak 4	9.14	9.07	9.21
PCB-1260 Peak 5	10.29	10.21	10.35
Tetrachloro-m-xylene	2.60	2.55	2.65
DCB Decachlorobiphenyl	10.82	10.70	10.90

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/2 Calibration Date: 03/14/2014 07:54
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214525.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	261.6	275.4		1050	1000	5.3	15.0
PCB-1016 Peak 2	Ave	409.4	448.1		1090	1000	9.5	15.0
PCB-1016 Peak 3	Ave	886.9	963.8		1090	1000	8.7	15.0
PCB-1016 Peak 4	Ave	311.3	339.8		1090	1000	9.2	15.0
PCB-1016 Peak 5	Ave	338.5	372.7		1100	1000	10.1	15.0
PCB-1260 Peak 1	Ave	506.2	558.6		1100	1000	10.3	15.0
PCB-1260 Peak 2	Ave	418.8	473.1		1130	1000	13.0	15.0
PCB-1260 Peak 3	Ave	1107	1231		1110	1000	11.3	15.0
PCB-1260 Peak 4	Ave	524.4	579.4		1100	1000	10.5	15.0
PCB-1260 Peak 5	Ave	334.2	379.2		1130	1000	13.5	15.0
Tetrachloro-m-xylene	Ave	9996	11145		112	100	11.5	15.0
DCB Decachlorobiphenyl	Ave	8755	9551		109	100	9.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/2 Calibration Date: 03/14/2014 07:54
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214525.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	2.27	2.41
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	3.14	3.07	3.21
PCB-1016 Peak 4	3.28	3.21	3.35
PCB-1016 Peak 5	3.73	3.66	3.80
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	6.33	6.26	6.40
PCB-1260 Peak 3	6.80	6.74	6.88
PCB-1260 Peak 4	7.29	7.23	7.37
PCB-1260 Peak 5	8.67	8.60	8.74
Tetrachloro-m-xylene	2.04	1.99	2.09
DCB Decachlorobiphenyl	9.45	9.36	9.56

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/14 Calibration Date: 03/14/2014 11:18
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214537.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	149.2	167.6		1120	1000	12.3	15.0
PCB-1016 Peak 2	Ave	305.2	339.3		1110	1000	11.2	15.0
PCB-1016 Peak 3	Ave	592.7	656.4		1110	1000	10.7	15.0
PCB-1016 Peak 4	Ave	158.4	174.8		1100	1000	10.4	15.0
PCB-1016 Peak 5	Ave	215.1	251.1		1170	1000	16.7*	15.0
PCB-1260 Peak 1	Ave	387.1	426.9		1100	1000	10.3	15.0
PCB-1260 Peak 2	Ave	466.9	507.1		1090	1000	8.6	15.0
PCB-1260 Peak 3	Ave	375.3	407.9		1090	1000	8.7	15.0
PCB-1260 Peak 4	Ave	725.6	806.5		1110	1000	11.1	15.0
PCB-1260 Peak 5	Ave	192.0	215.3		1120	1000	12.1	15.0
Tetrachloro-m-xylene	Ave	7612	8457		111	100	11.1	15.0
DCB Decachlorobiphenyl	Ave	5392	6096		113	100	13.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/14 Calibration Date: 03/14/2014 11:18
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214537.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.15	3.08	3.22
PCB-1016 Peak 2	3.64	3.56	3.70
PCB-1016 Peak 3	4.19	4.11	4.25
PCB-1016 Peak 4	4.96	4.89	5.03
PCB-1016 Peak 5	5.12	5.05	5.19
PCB-1260 Peak 1	6.70	6.62	6.76
PCB-1260 Peak 2	7.05	6.98	7.12
PCB-1260 Peak 3	8.66	8.59	8.73
PCB-1260 Peak 4	9.14	9.07	9.21
PCB-1260 Peak 5	10.29	10.21	10.35
Tetrachloro-m-xylene	2.60	2.55	2.65
DCB Decachlorobiphenyl	10.81	10.70	10.90

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/14 Calibration Date: 03/14/2014 11:18
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214537.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	261.6	282.1		1080	1000	7.9	15.0
PCB-1016 Peak 2	Ave	409.4	451.6		1100	1000	10.3	15.0
PCB-1016 Peak 3	Ave	886.9	984.2		1110	1000	11.0	15.0
PCB-1016 Peak 4	Ave	311.3	328.3		1050	1000	5.5	15.0
PCB-1016 Peak 5	Ave	338.5	374.5		1110	1000	10.6	15.0
PCB-1260 Peak 1	Ave	506.2	561.5		1110	1000	10.9	15.0
PCB-1260 Peak 2	Ave	418.8	429.4		1030	1000	2.5	15.0
PCB-1260 Peak 3	Ave	1107	1243		1120	1000	12.3	15.0
PCB-1260 Peak 4	Ave	524.4	590.4		1130	1000	12.6	15.0
PCB-1260 Peak 5	Ave	334.2	386.1		1160	1000	15.5*	15.0
Tetrachloro-m-xylene	Ave	9996	11207		112	100	12.1	15.0
DCB Decachlorobiphenyl	Ave	8755	9700		111	100	10.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212602/14 Calibration Date: 03/14/2014 11:18
 Instrument ID: CPESTGC7 Calib Start Date: 03/13/2014 14:52
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 03/13/2014 15:58
 Lab File ID: OR214537.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.35	2.27	2.41
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	3.14	3.07	3.21
PCB-1016 Peak 4	3.28	3.21	3.35
PCB-1016 Peak 5	3.73	3.66	3.80
PCB-1260 Peak 1	5.16	5.09	5.23
PCB-1260 Peak 2	6.32	6.26	6.40
PCB-1260 Peak 3	6.80	6.74	6.88
PCB-1260 Peak 4	7.29	7.23	7.37
PCB-1260 Peak 5	8.66	8.60	8.74
Tetrachloro-m-xylene	2.05	1.99	2.09
DCB Decachlorobiphenyl	9.44	9.36	9.56

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
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\$ 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	

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:

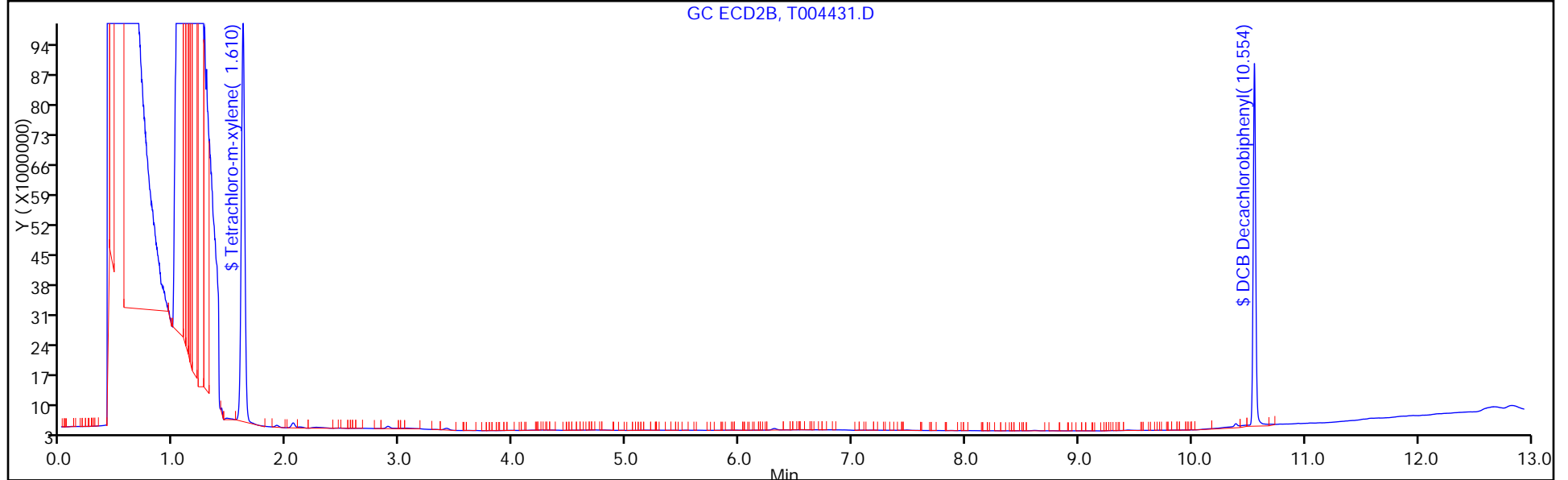
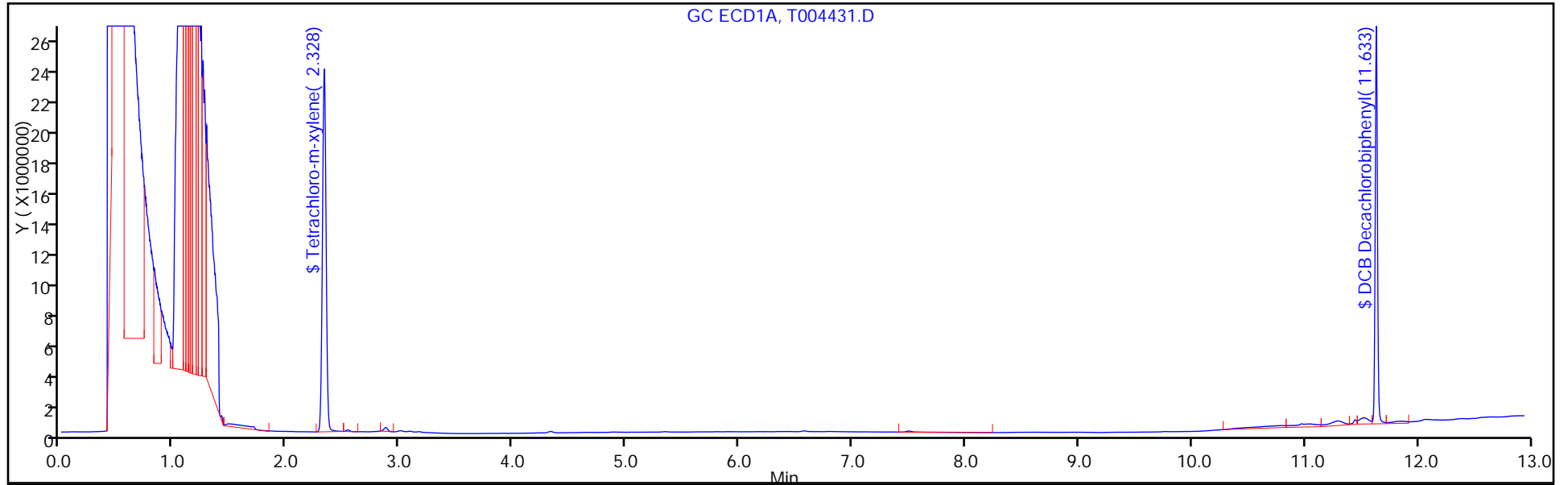
Injection Vol: 1.0 ul

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.: 460-72180-1
 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
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\$ 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	

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:

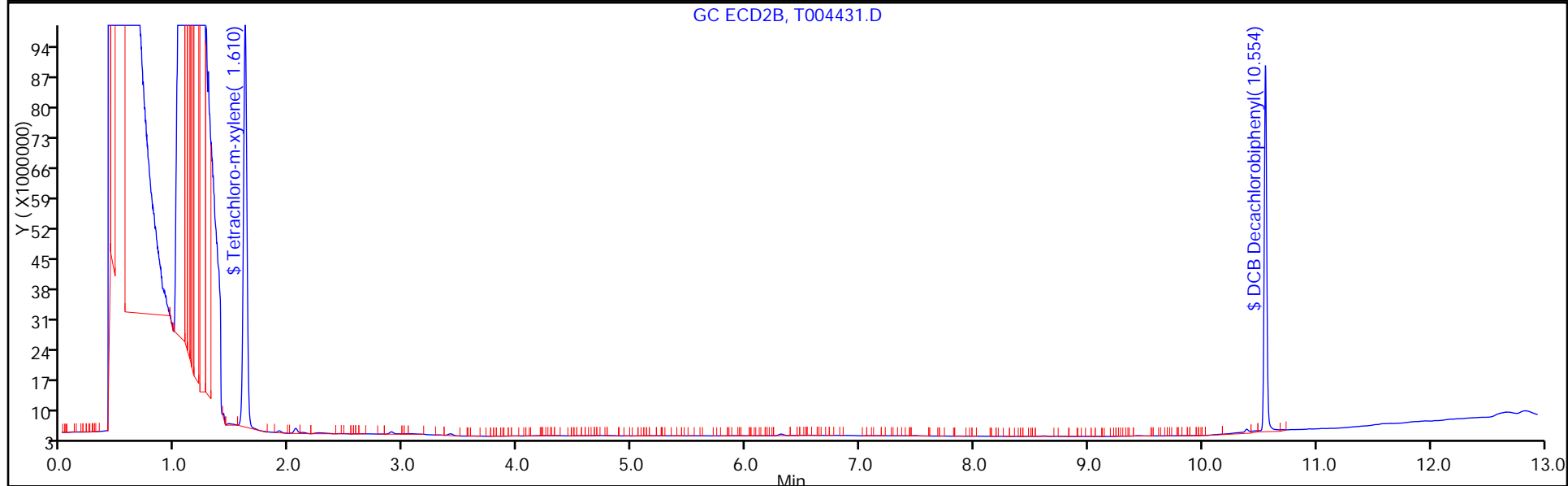
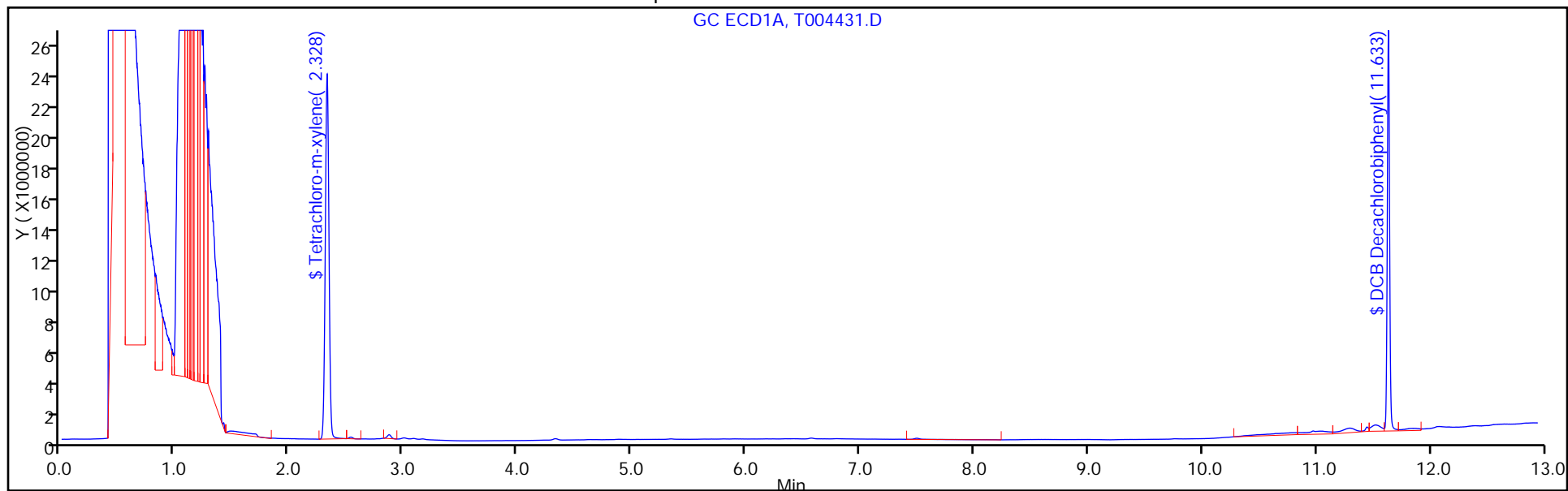
Injection Vol: 1.0 ul

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211881/1-A
 Matrix: Solid Lab File ID: OR214384.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/11/2014 23:57
 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.: 211991 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	162	<i>X D</i>	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214384.D
 Lims ID: MB 460-211881/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 11-Mar-2014 23:57:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-003
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.522	2.517	0.005	673471	79.5	
2	2.050	2.055	-0.005	783254	76.9	
					RPD = 3.27	

\$ 5 DCB Decachlorobiphenyl

1	10.668	10.655	0.013	432787	80.9	
2	9.373	9.387	-0.014	713845	85.6	
					RPD = 5.68	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214384.D

Injection Date: 11-Mar-2014 23:57:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: MB 460-211881/1-A

Worklist Smp#: 3

Client ID:

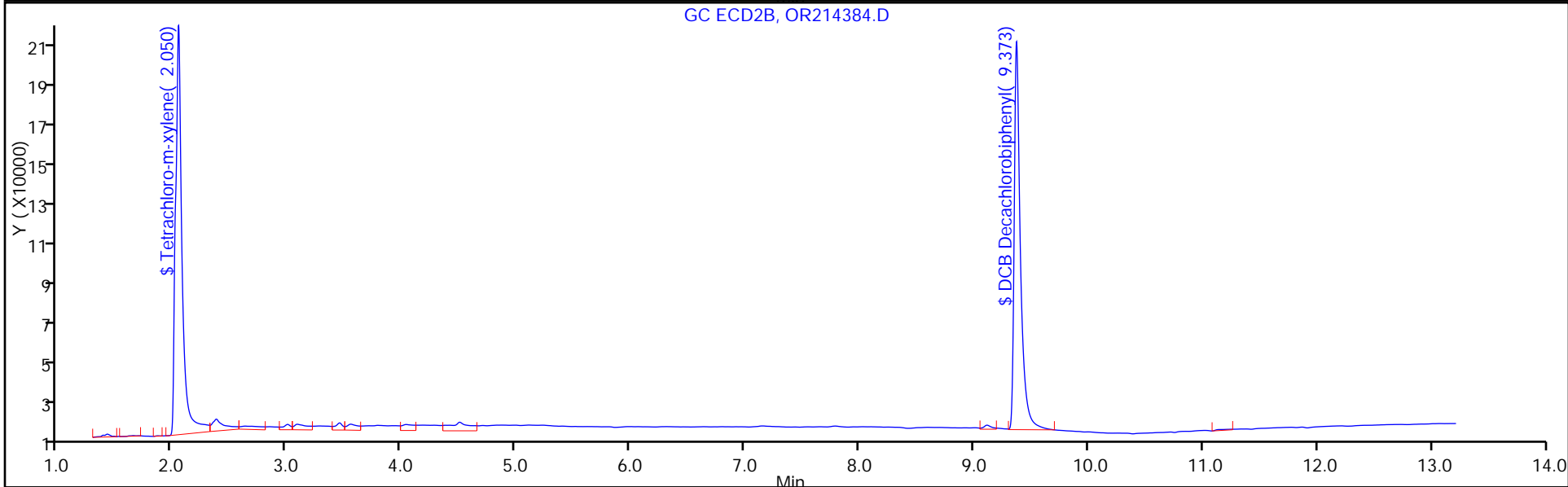
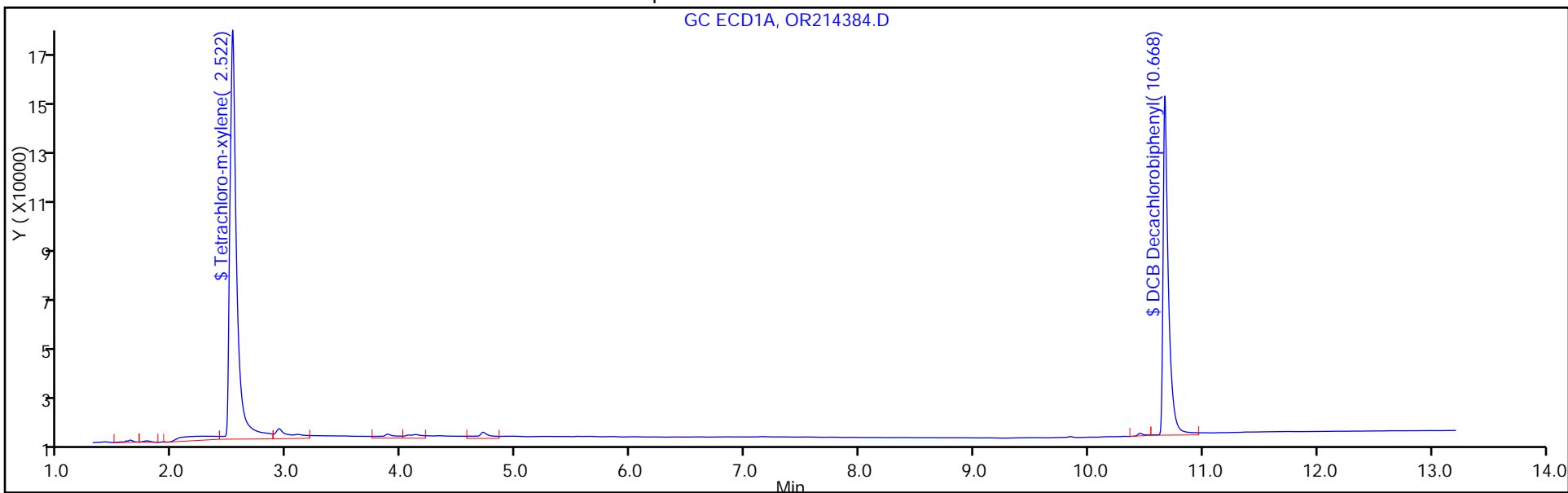
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211881/1-A
 Matrix: Solid Lab File ID: OR214384.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/11/2014 23:57
 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.: 211991 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	171	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214384.D
 Lims ID: MB 460-211881/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 11-Mar-2014 23:57:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-003
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.522	2.517	0.005	673471	79.5	
2	2.050	2.055	-0.005	783254	76.9	
					RPD = 3.27	

\$ 5 DCB Decachlorobiphenyl

1	10.668	10.655	0.013	432787	80.9	
2	9.373	9.387	-0.014	713845	85.6	
					RPD = 5.68	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214384.D

Injection Date: 11-Mar-2014 23:57:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: MB 460-211881/1-A

Worklist Smp#: 3

Client ID:

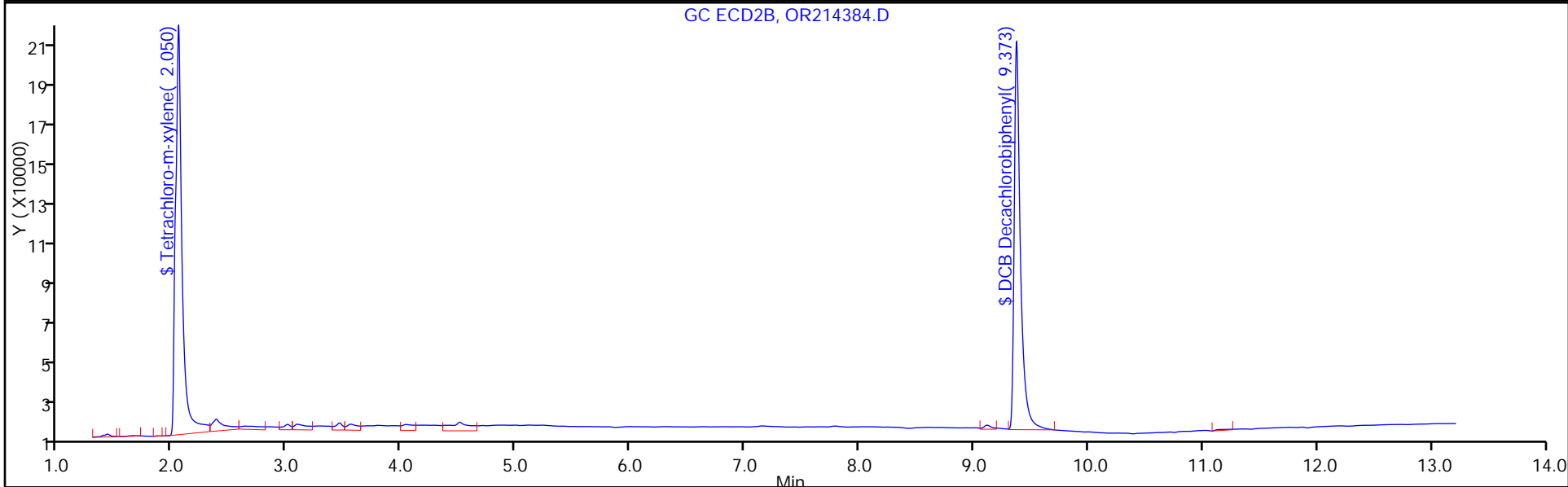
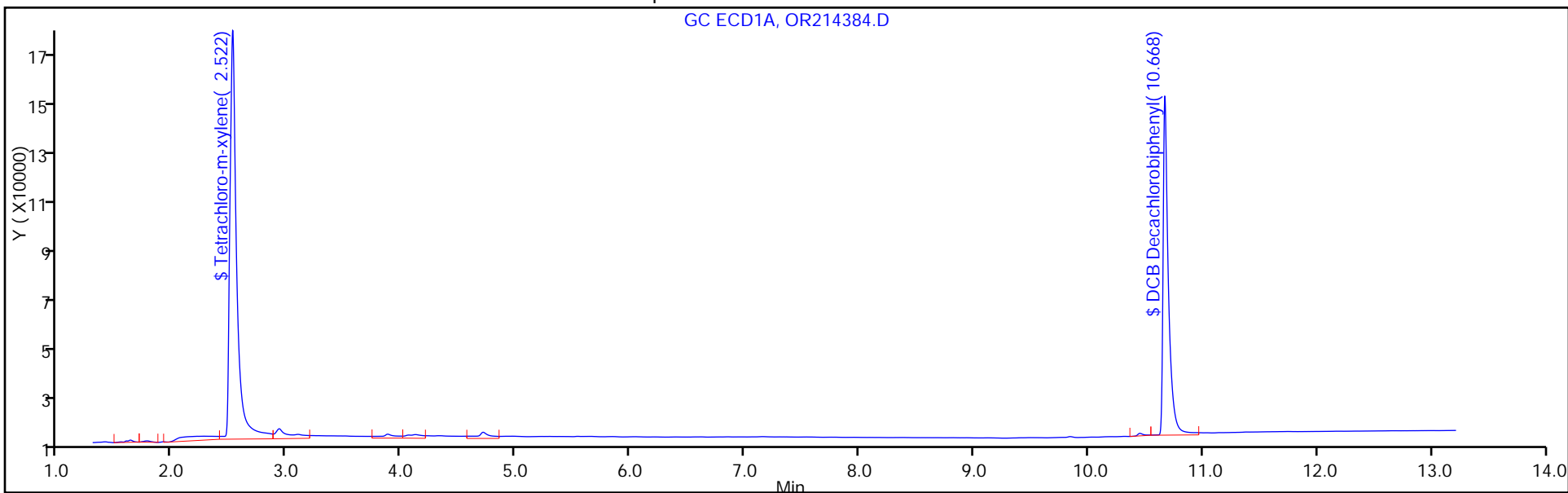
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211882/1-A
 Matrix: Solid Lab File ID: T004489.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/12/2014 00:03
 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.: 212066 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	151	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

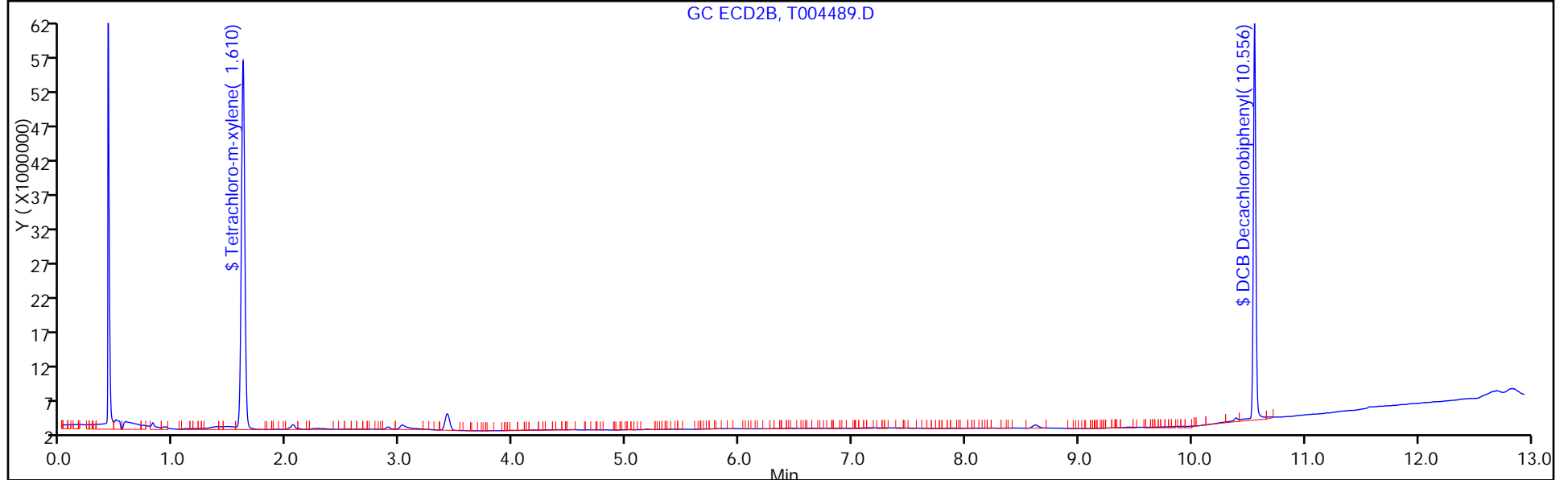
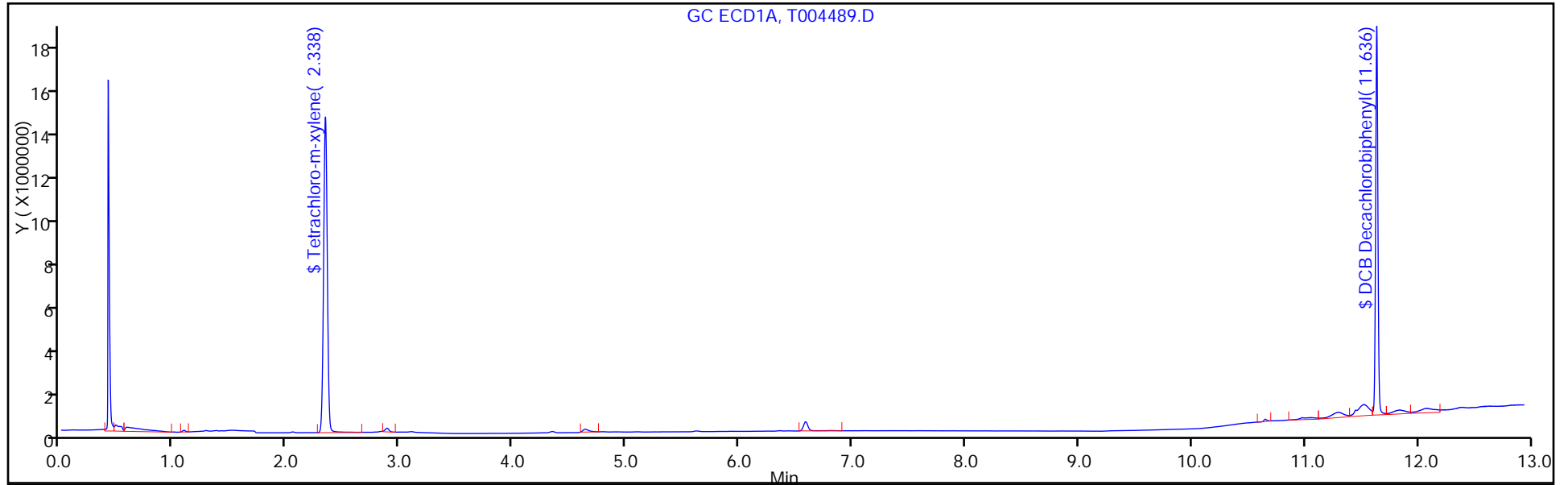
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

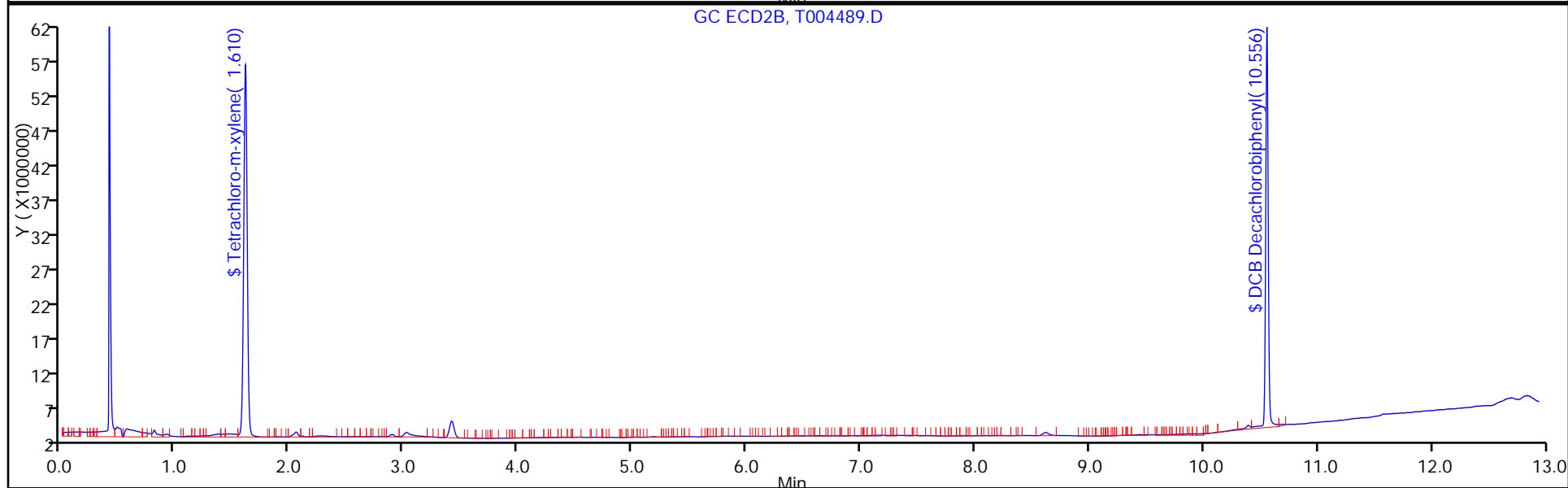
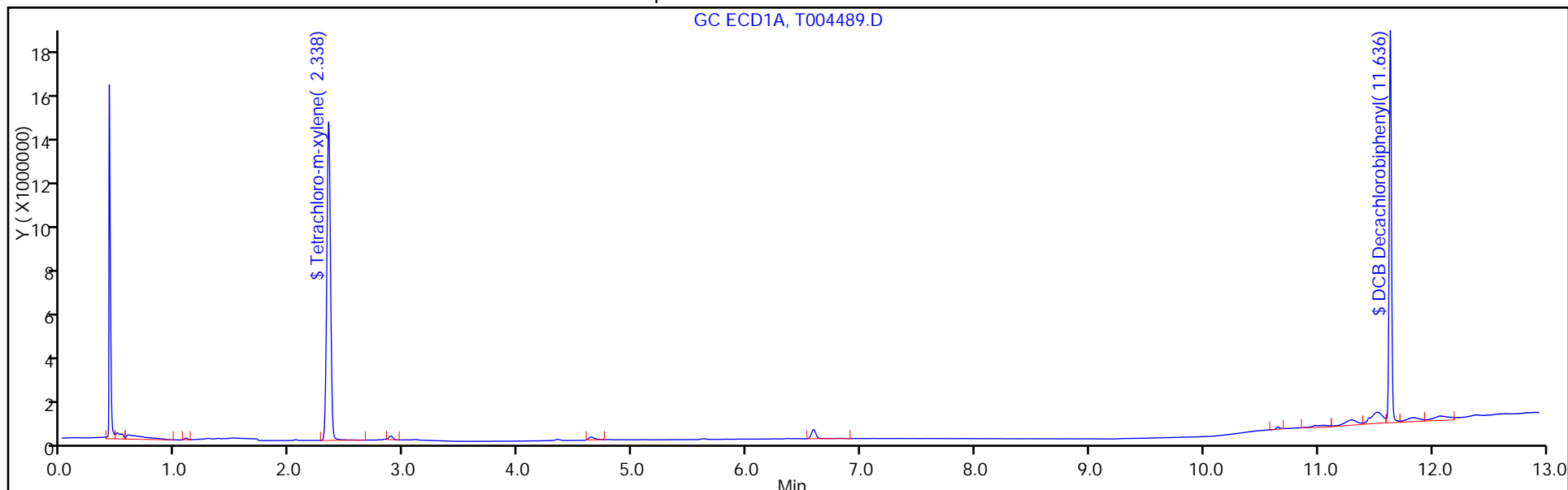
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082A PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211882/1-A
 Matrix: Solid Lab File ID: T004489.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:03
 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.: 212066 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	148	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

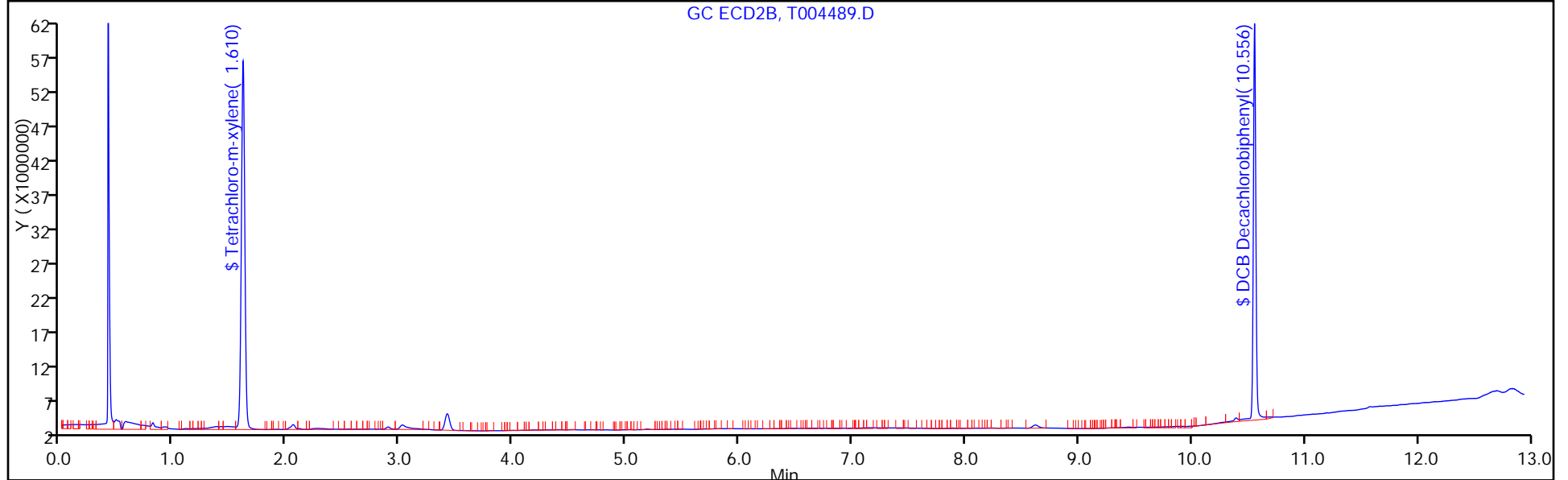
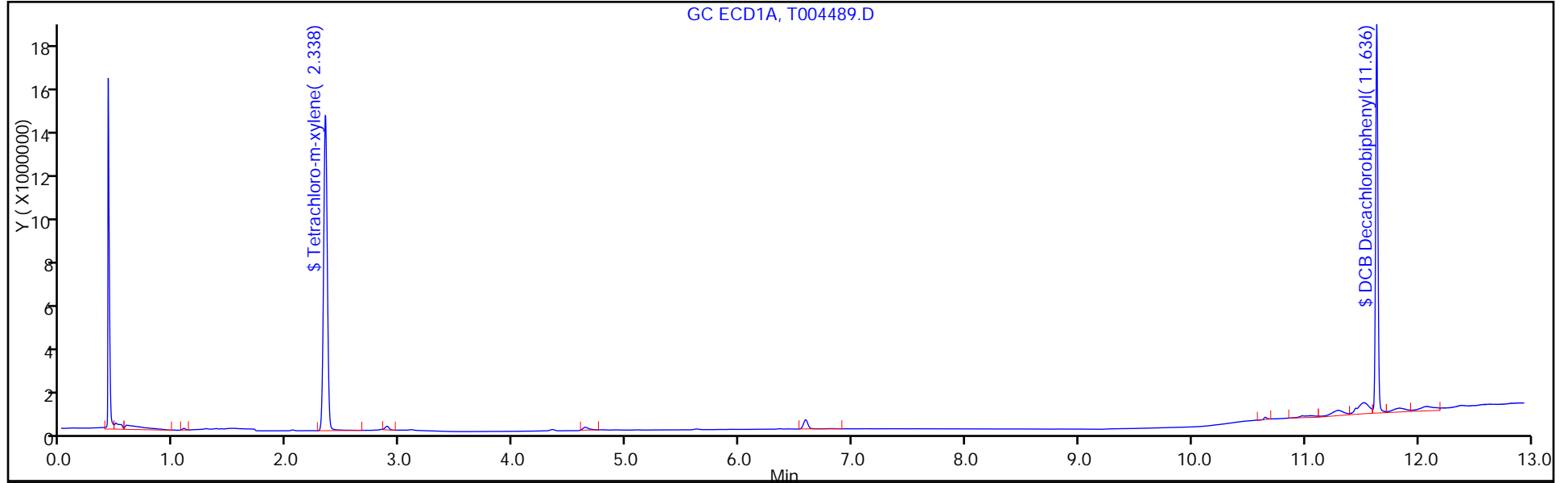
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082A PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

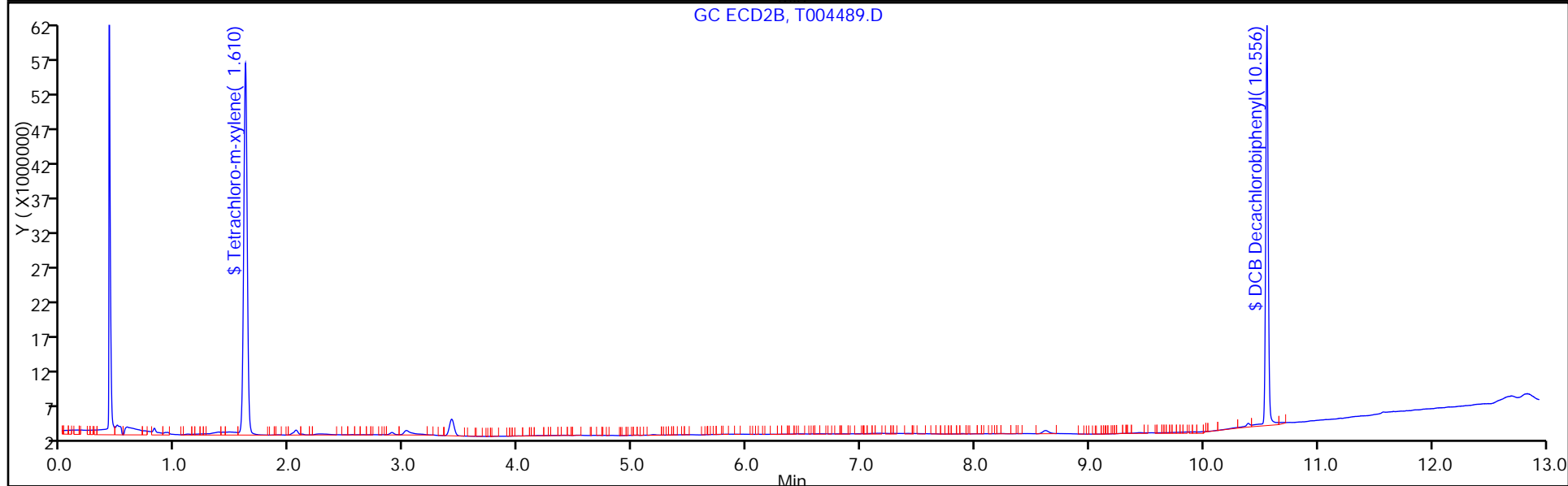
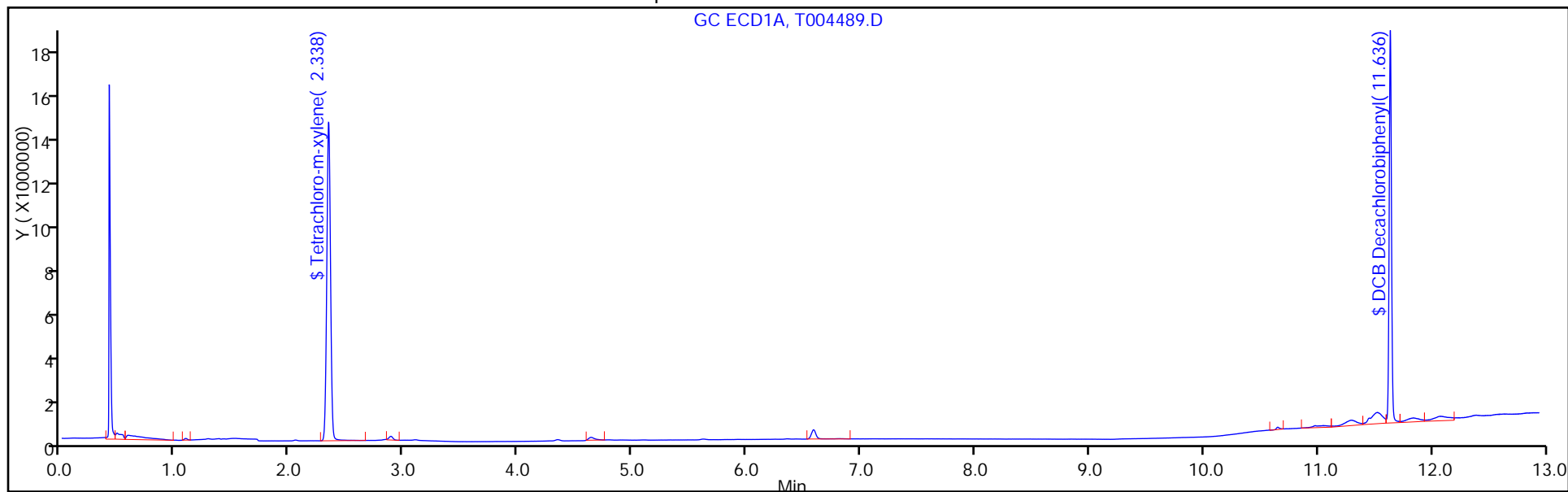
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211882/1-A
 Matrix: Solid Lab File ID: T004489.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/12/2014 00:03
 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.: 212067 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	151	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

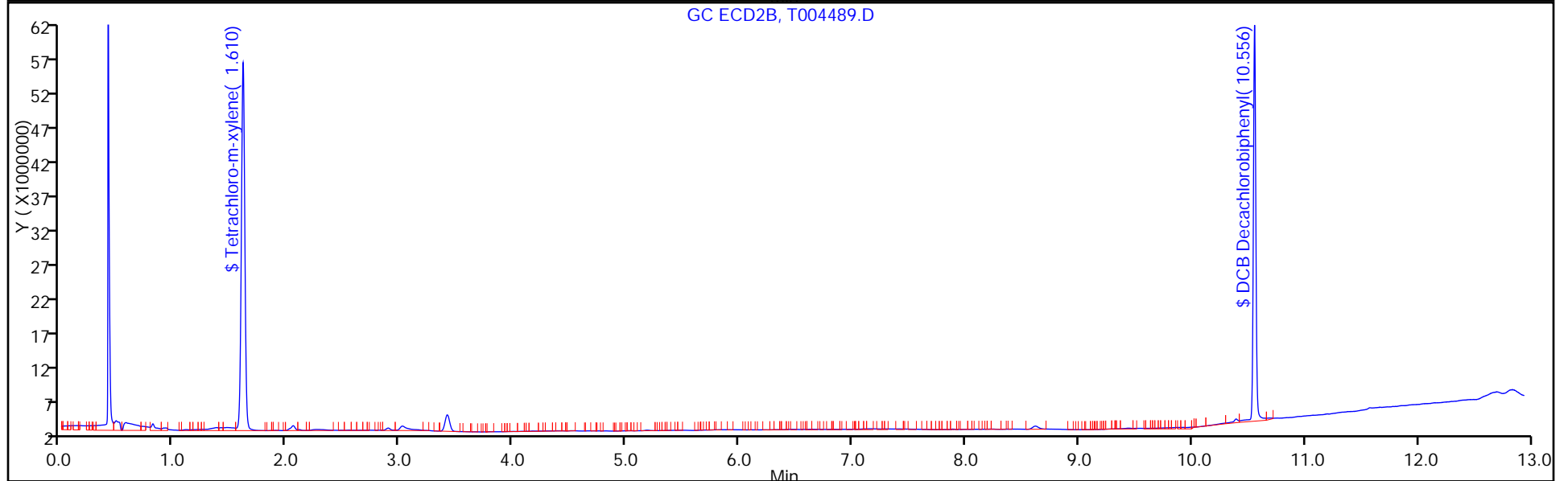
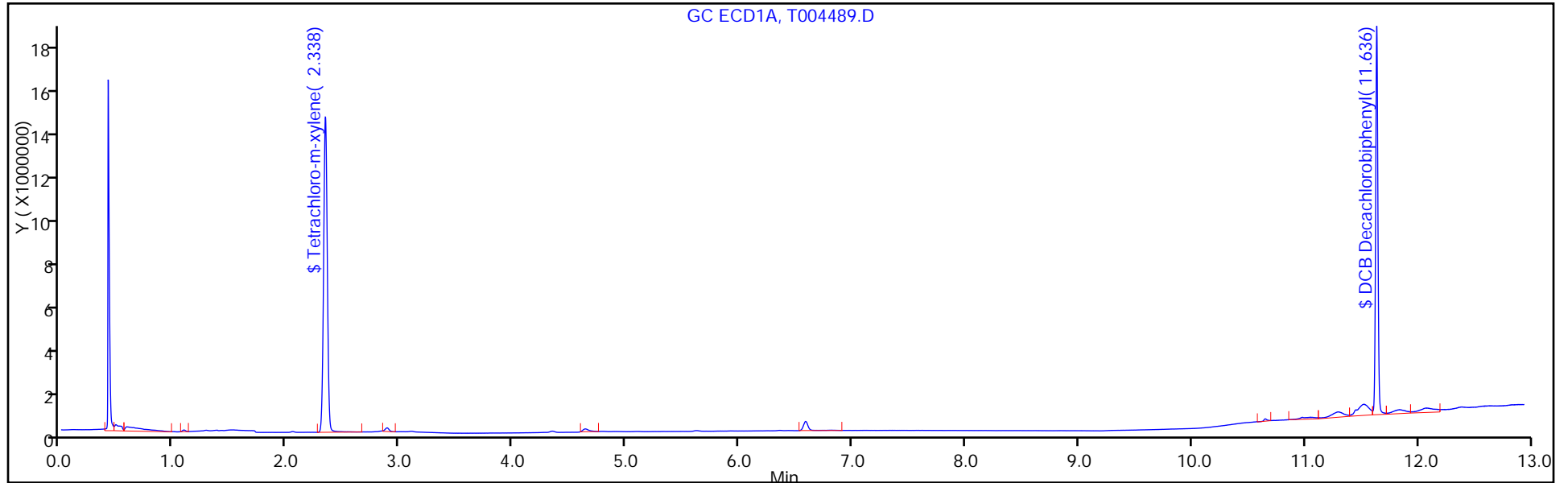
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

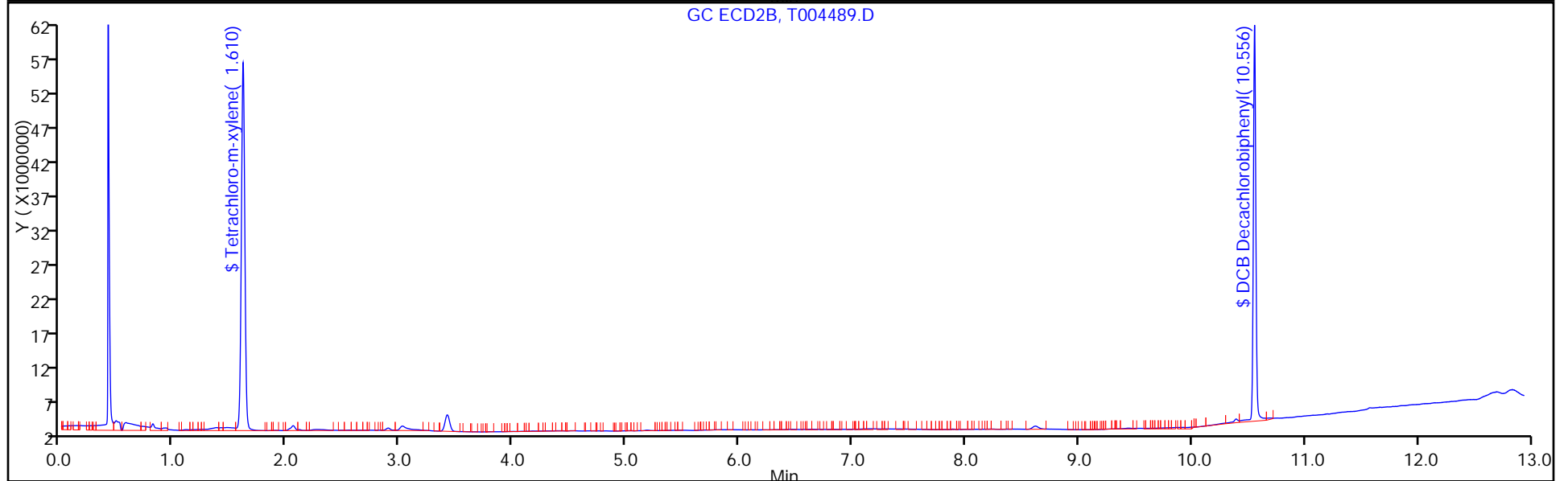
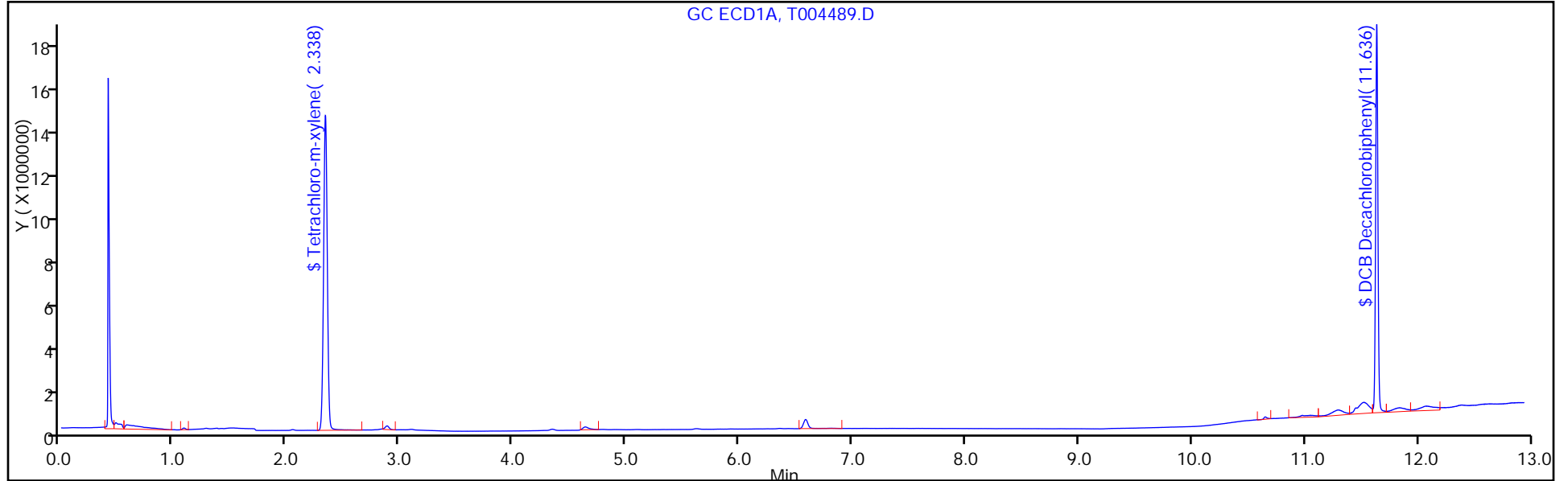
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082A PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211882/1-A
 Matrix: Solid Lab File ID: T004489.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:03
 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.: 212067 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	148	X	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
						RPD = 17.02

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
						RPD = 1.98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D
 Lims ID: MB 460-211882/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 12-Mar-2014 00:03:11 ALS Bottle#: 3 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-033
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.338	2.328	0.010	31811417	75.2	
2	1.610	1.610	0.0	115427445	63.4	
					RPD = 17.02	

\$ 5 DCB Decachlorobiphenyl

1	11.636	11.636	0.0	24311333	75.6	
2	10.556	10.555	0.001	90335411	74.1	
					RPD = 1.98	

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

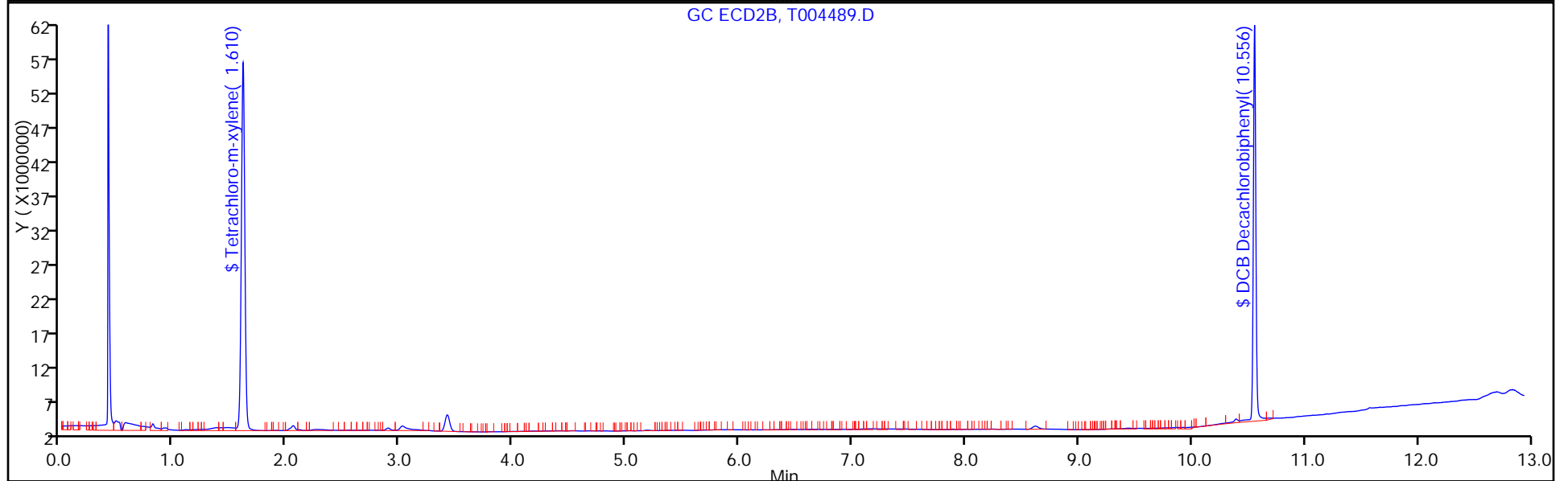
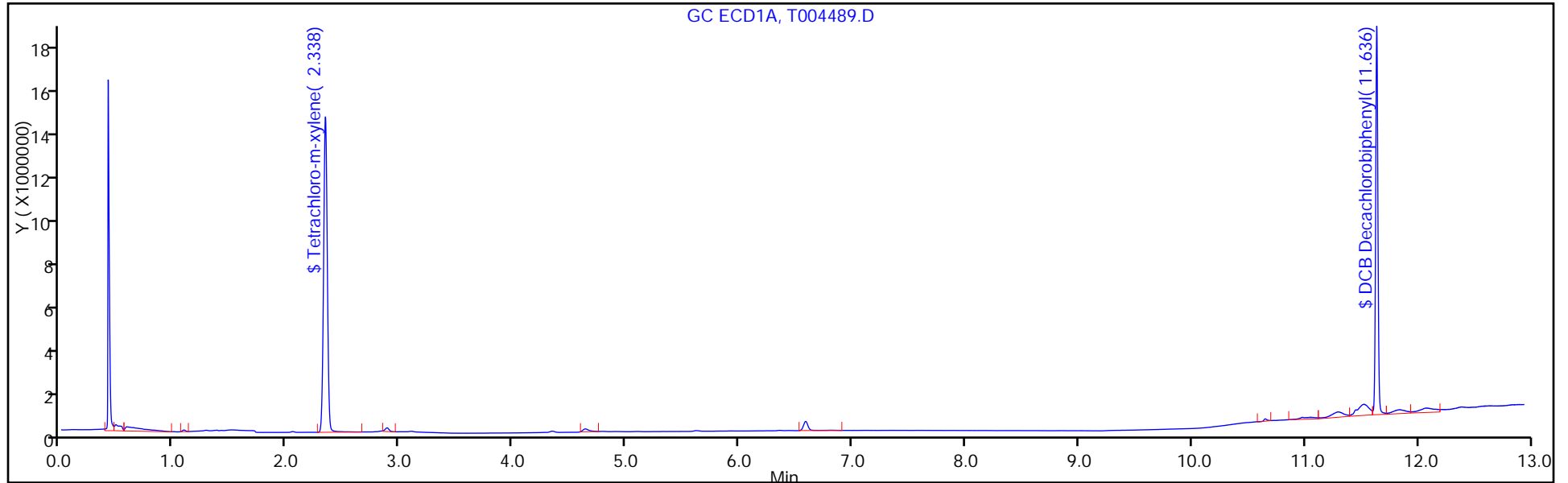
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082A PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004489.D

Injection Date: 12-Mar-2014 00:03:11

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-211882/1-A

Worklist Smp#: 33

Client ID:

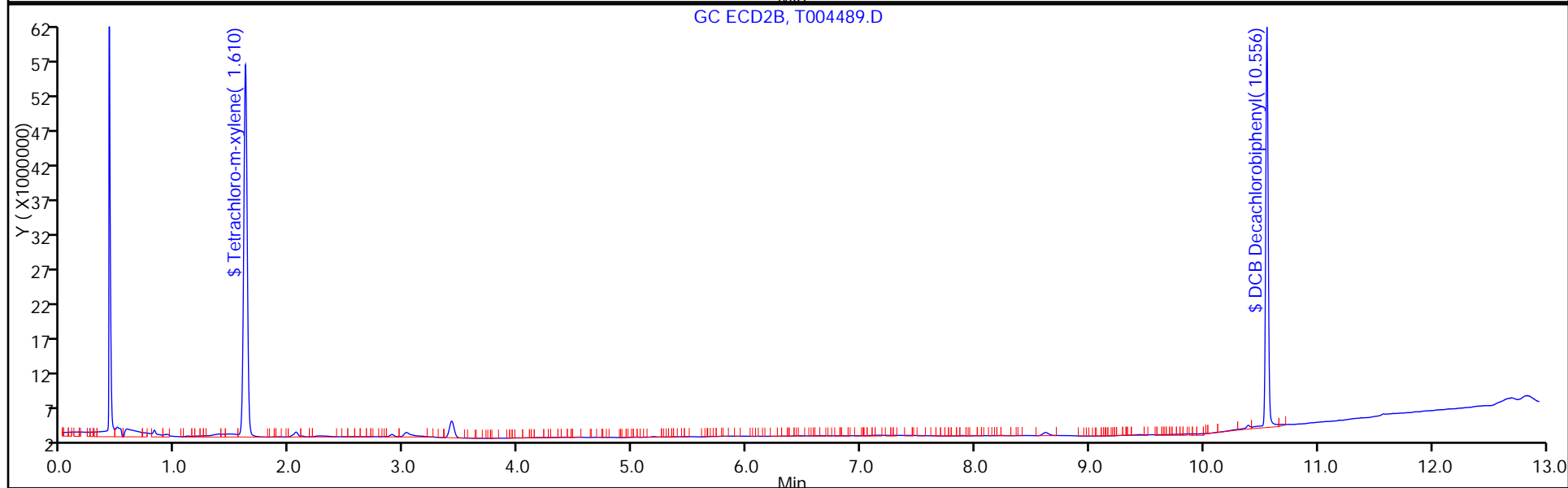
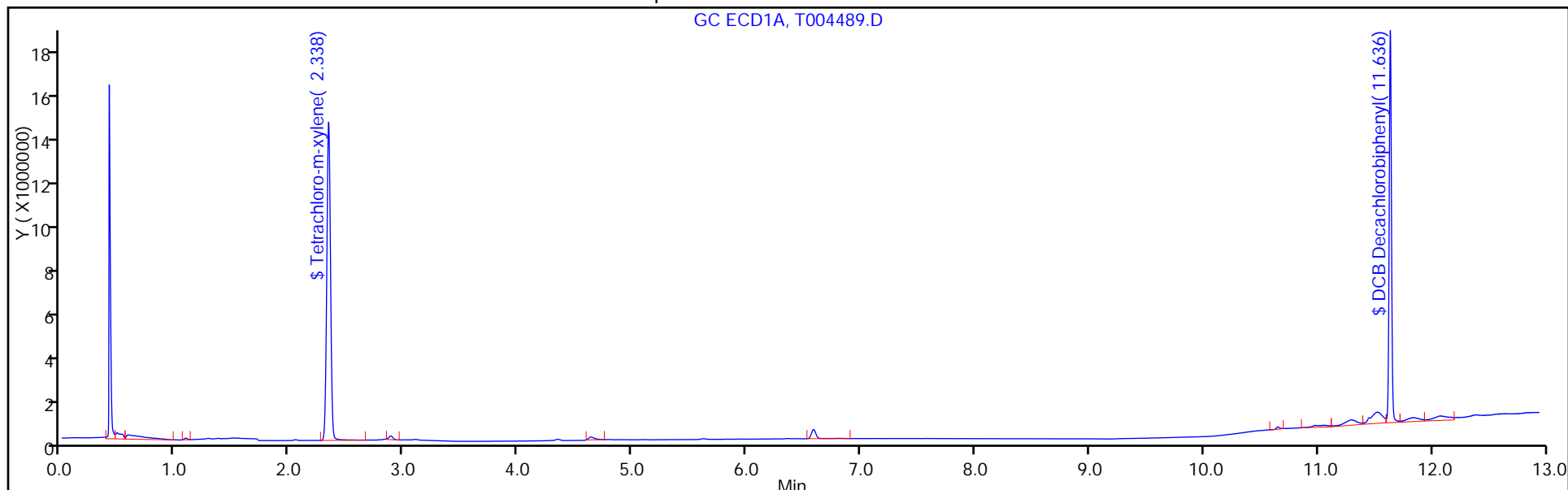
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC11

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212128/1-A
 Matrix: Solid Lab File ID: OR214434.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/13/2014 00:17
 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.: 212261 Units: ug/Kg

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\20140313-10791.b\OR214434.D
 Lims ID: MB 460-212128/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Mar-2014 00:17:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010791-003
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 11:17:34 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: XAWRK008

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene
 1 2.523 2.517 0.006 602998 71.2
 2 2.050 2.055 -0.005 702121 69.0
 RPD = 3.16

\$ 5 DCB Decachlorobiphenyl
 1 10.670 10.655 0.015 432007 80.8
 2 9.372 9.387 -0.015 699261 83.9
 RPD = 3.80

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214434.D

Injection Date: 13-Mar-2014 00:17:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: MB 460-212128/1-A

Worklist Smp#: 3

Client ID:

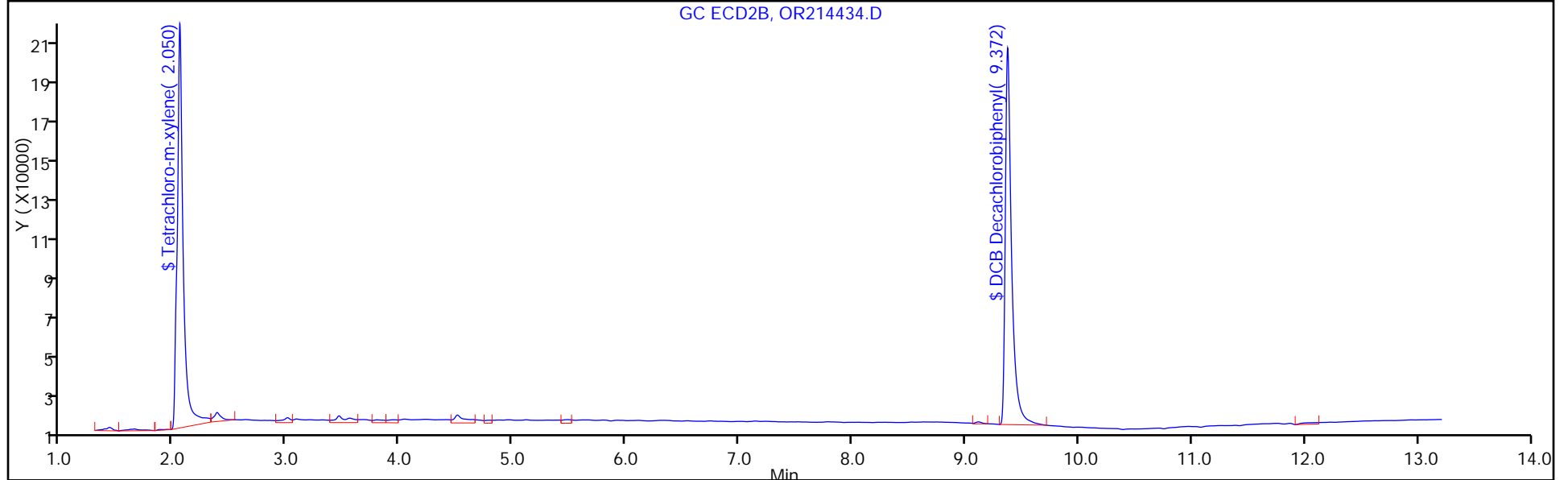
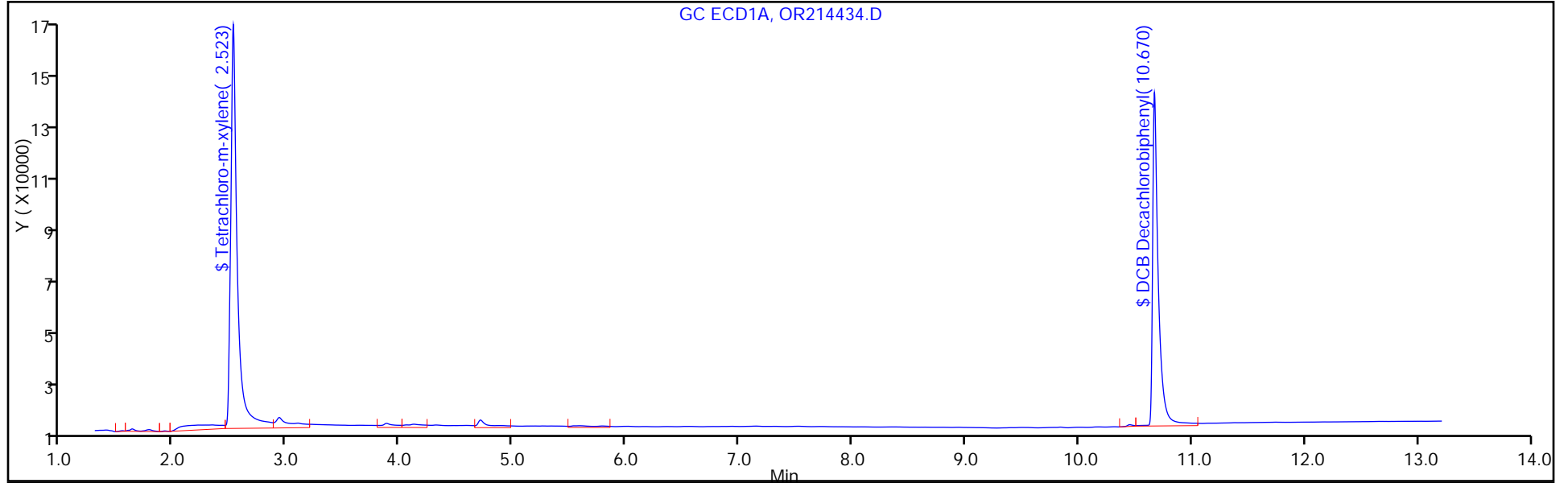
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-212128/1-A
 Matrix: Solid Lab File ID: OR214434.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 00:17
 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.: 212261 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	84		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214434.D
 Lims ID: MB 460-212128/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Mar-2014 00:17:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010791-003
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 11:17:34 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: XAWRK008

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.523	2.517	0.006	602998	71.2
2	2.050	2.055	-0.005	702121	69.0
					RPD = 3.16

\$ 5 DCB Decachlorobiphenyl

1	10.670	10.655	0.015	432007	80.8
2	9.372	9.387	-0.015	699261	83.9
					RPD = 3.80

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214434.D

Injection Date: 13-Mar-2014 00:17:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: MB 460-212128/1-A

Worklist Smp#: 3

Client ID:

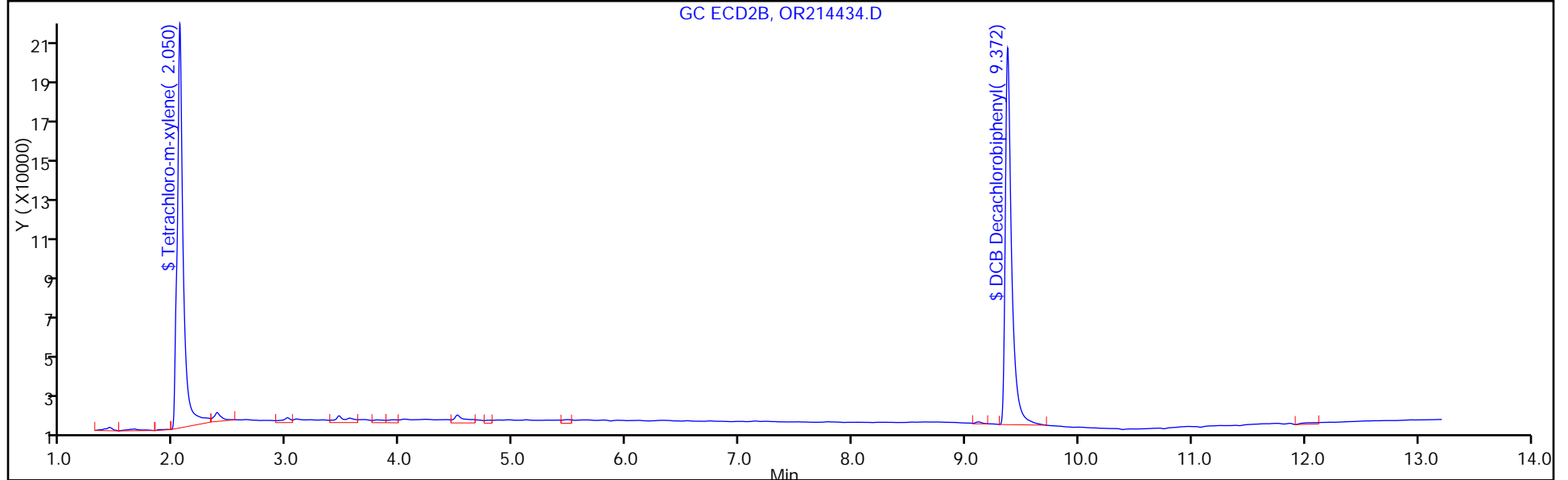
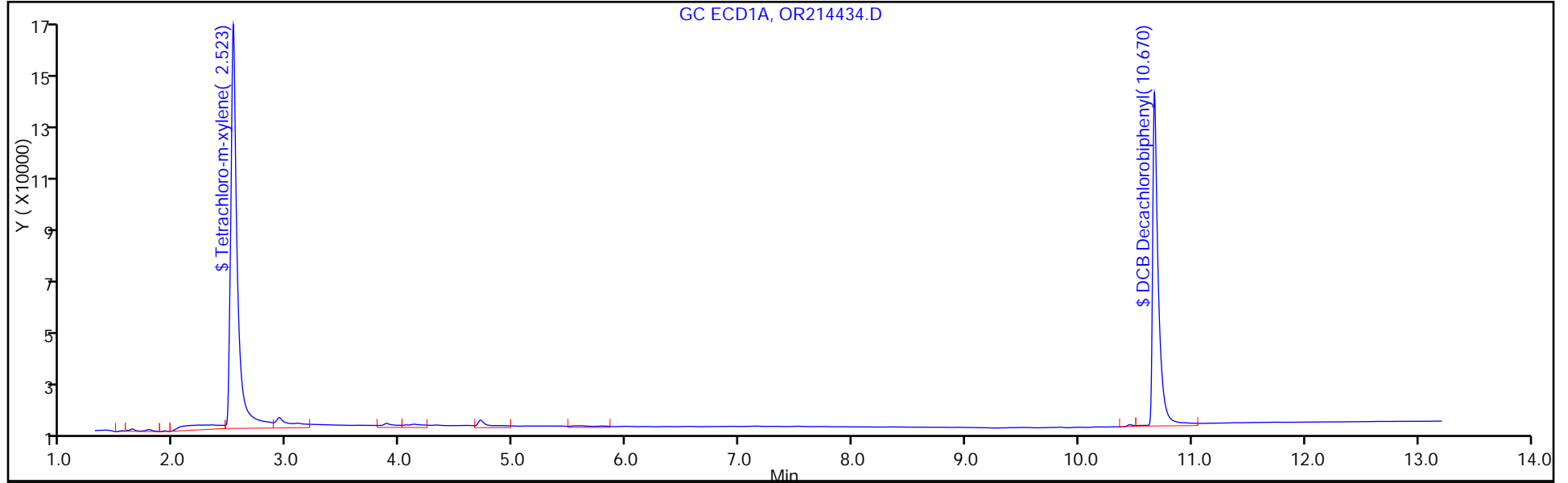
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082GC7

Limit Group: GC 8082 PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
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\$ 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

1	3.062	3.060	0.002	8169308	1066.9	M
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

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:

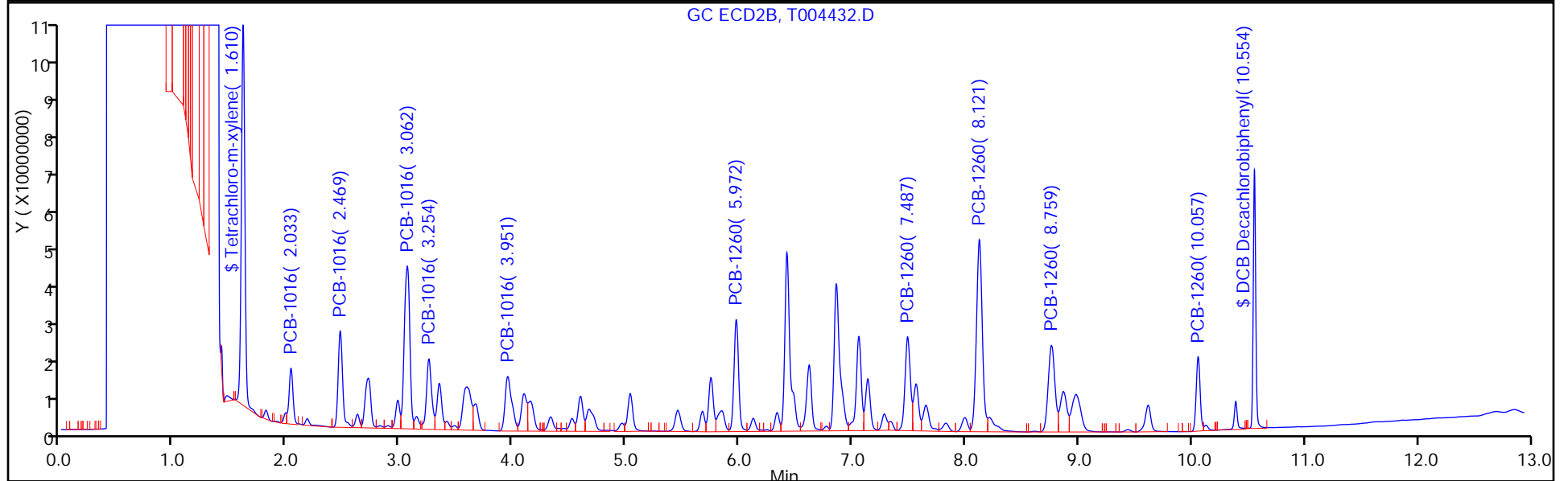
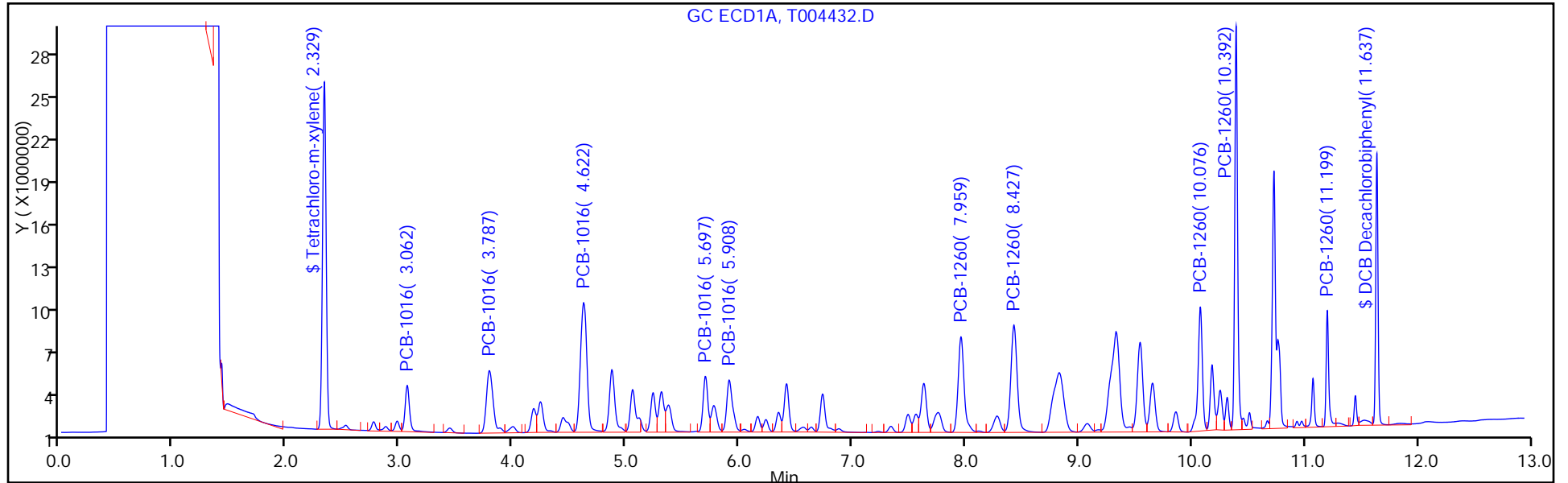
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 47

Method: 8082GC11

Limit Group: GC 8082 PCB



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

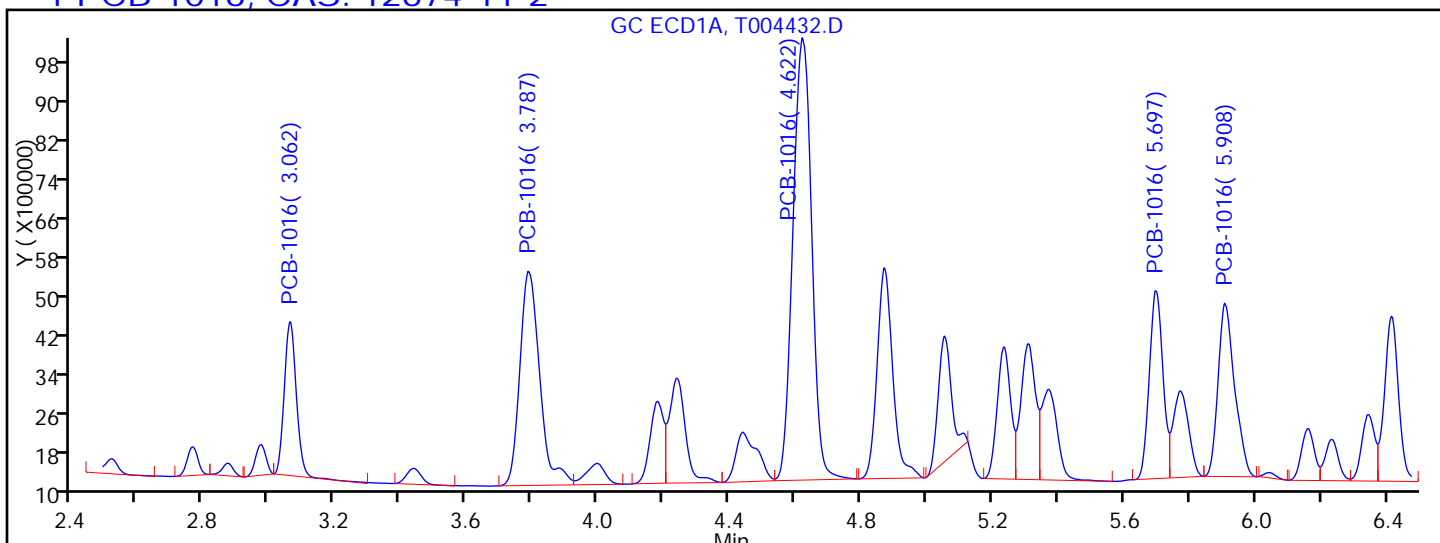
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

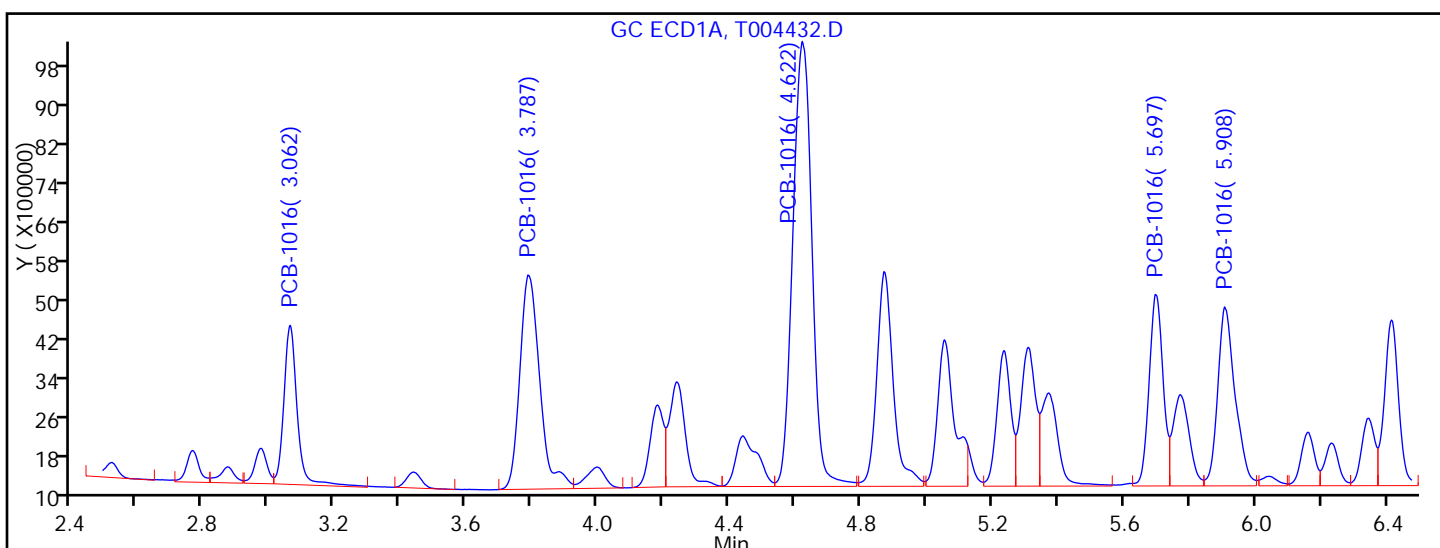
Detector: GC ECD1A

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

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

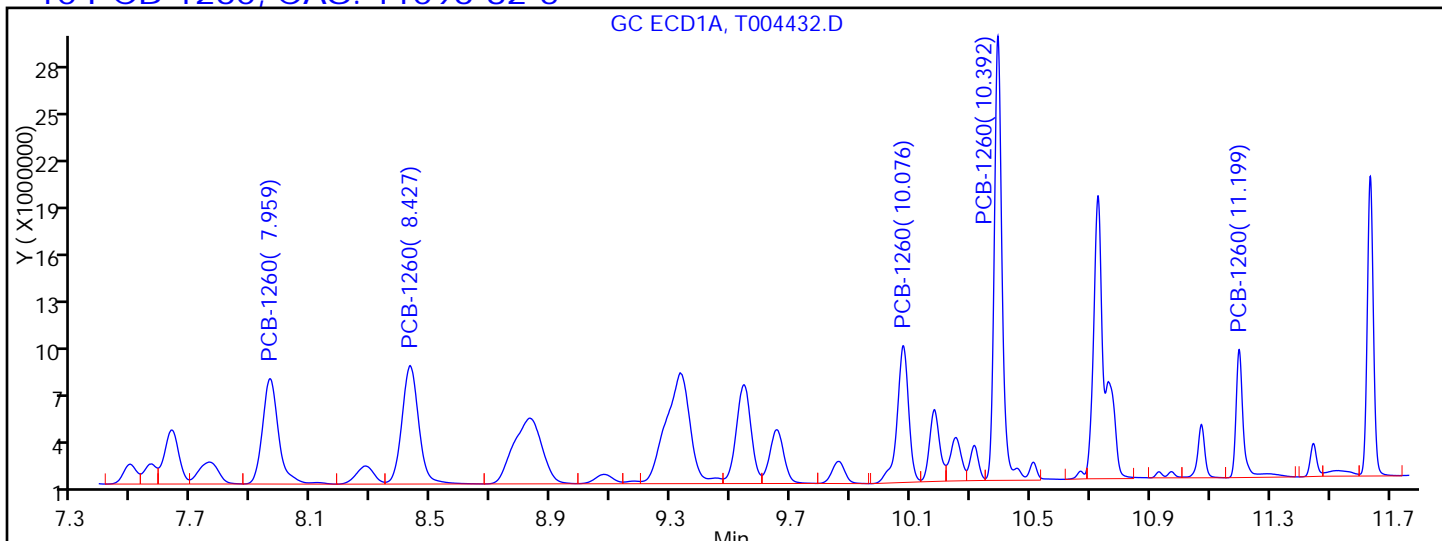
Limit Group: GC 8082 PCB

Column:

Detector

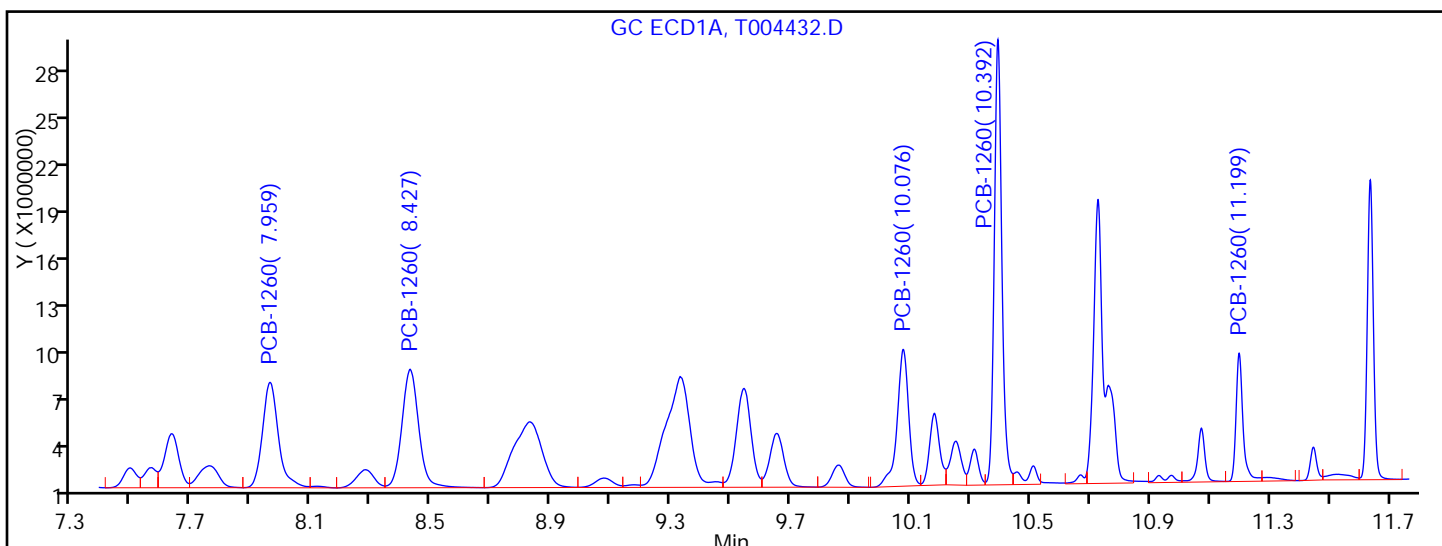
GC ECD1A

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.: 460-72180-1
 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
<i>12674-11-2</i>	<i>Aroclor 1016</i>	<i>5.81</i>		<i>0.50</i>	<i>0.076</i>
<i>11096-82-5</i>	<i>Aroclor 1260</i>	<i>5.89</i>		<i>0.50</i>	<i>0.083</i>

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
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\$ 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

1	3.062	3.060	0.002	8169308	1066.9	M
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

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:

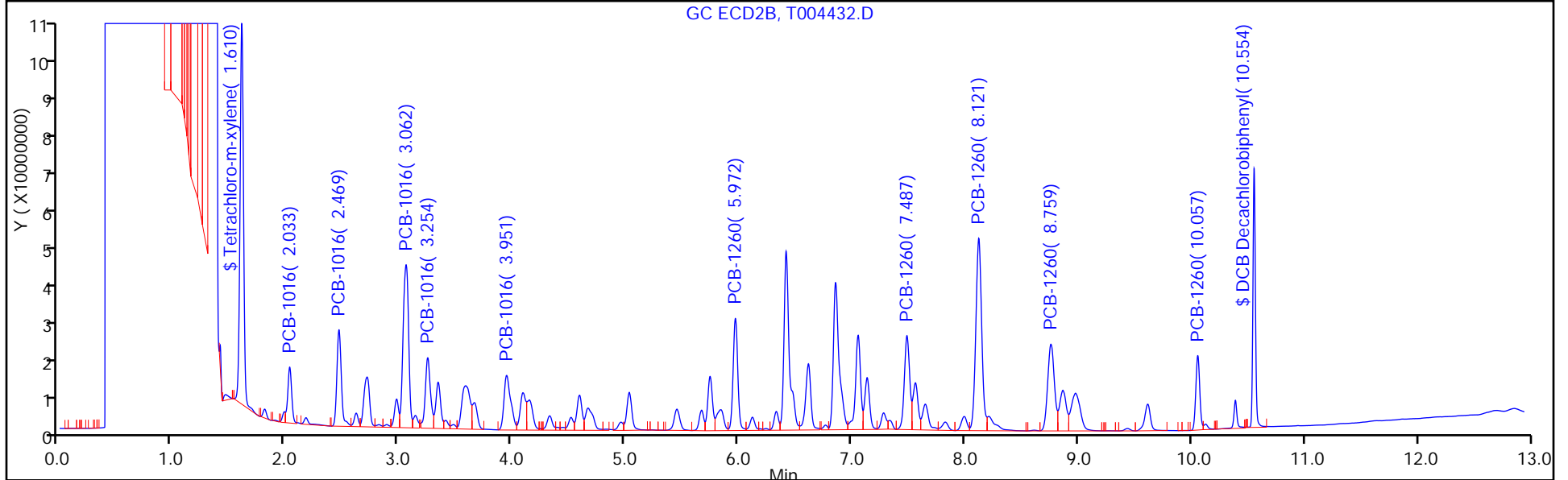
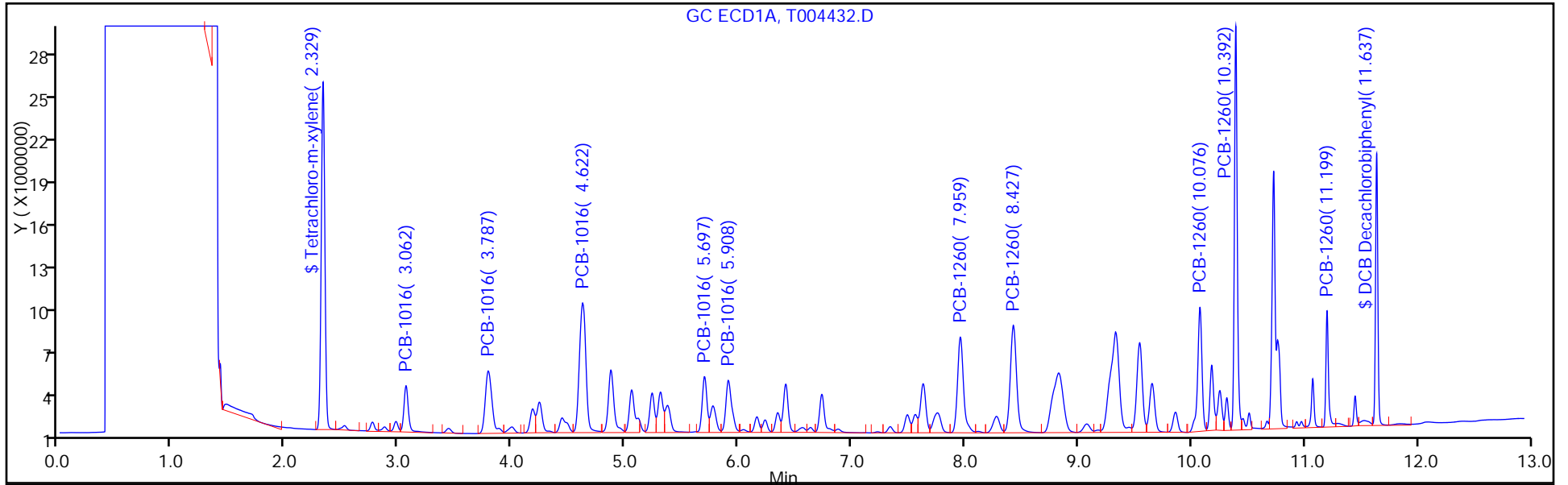
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 47

Method: 8082GC11

Limit Group: GC 8082 PCB



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

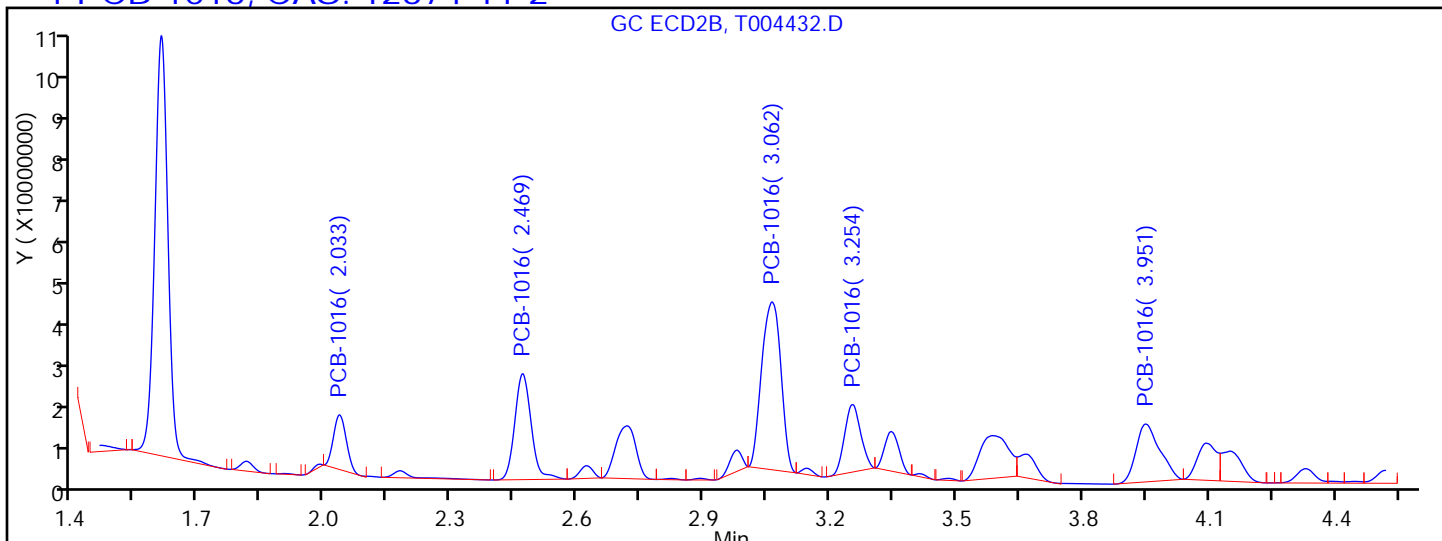
Method: 8082GC11

Limit Group: GC 8082 PCB

Column:

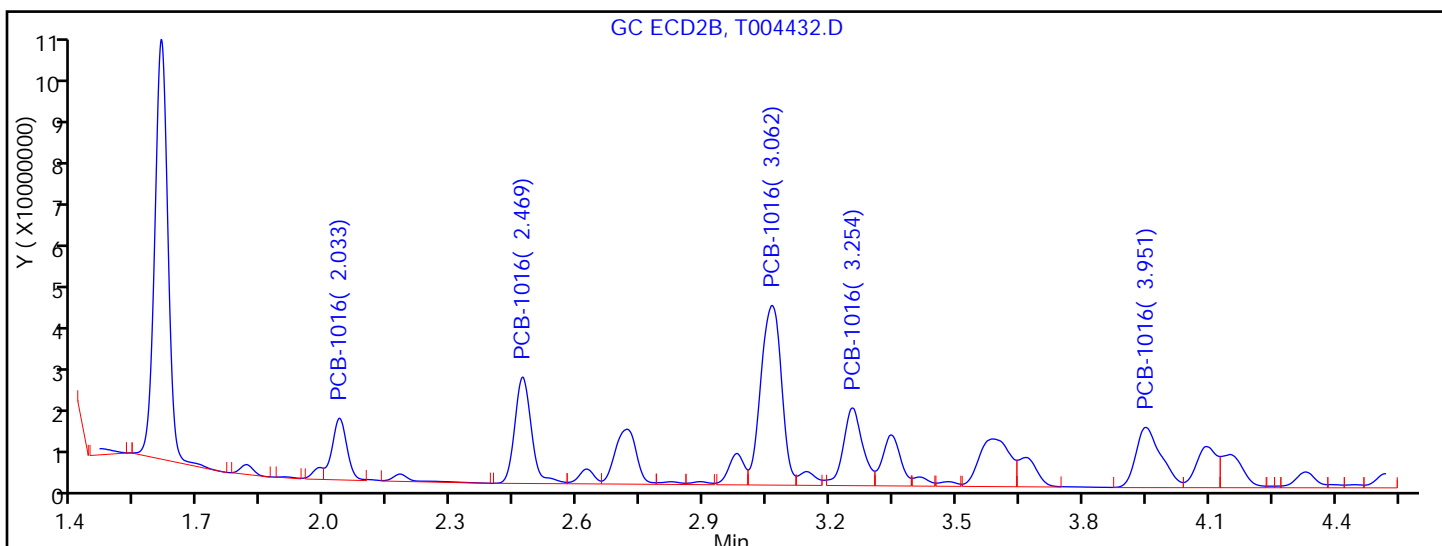
Detector: GC ECD2B

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

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#:

Worklist Smp#: 47

Injection Vol: 1.0 ul

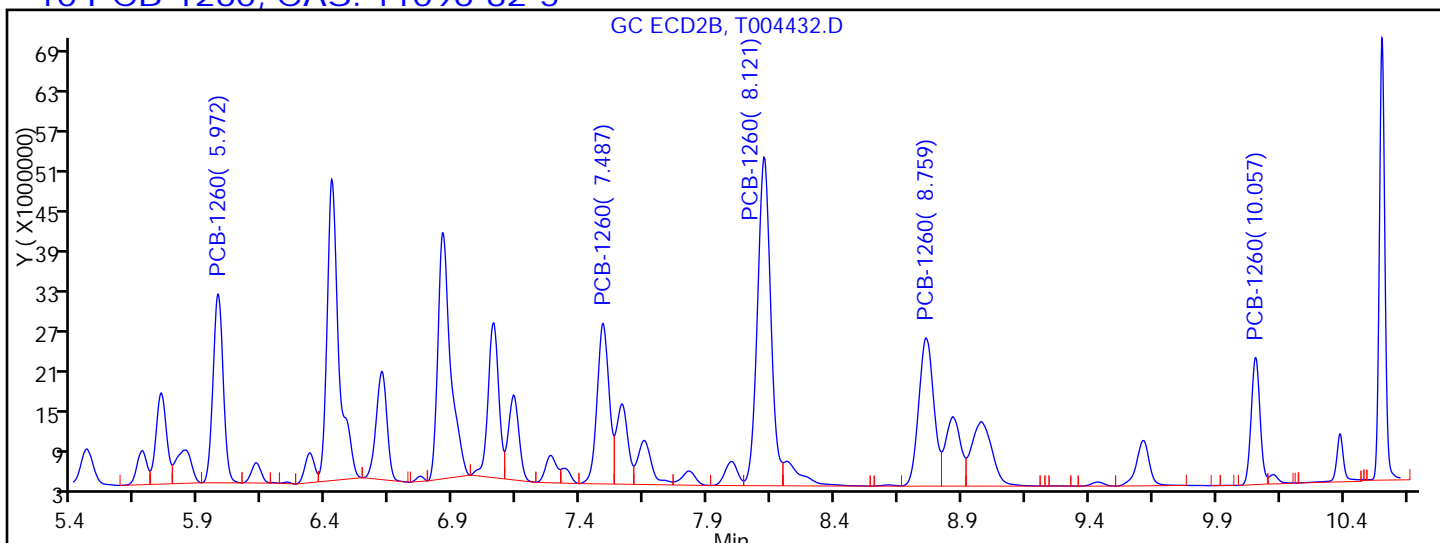
Dil. Factor: 1.0000

Method: 8082GC11

Limit Group: GC 8082 PCB

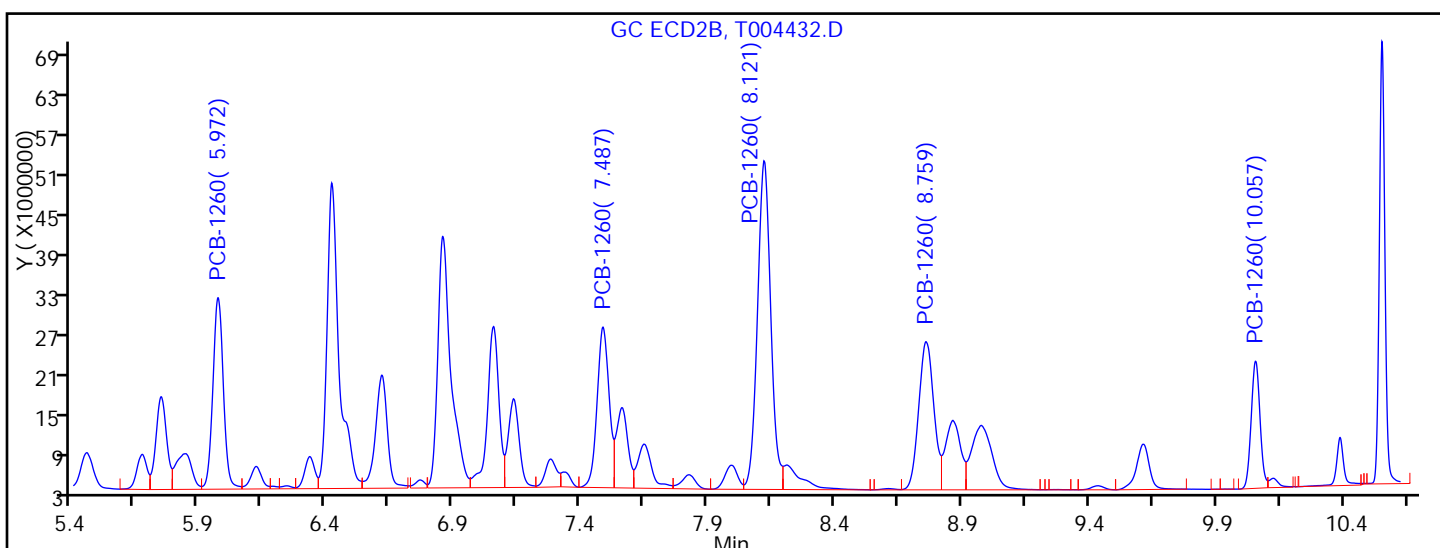
Column:

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

Page 2608 of 3015

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211881/2-A
 Matrix: Solid Lab File ID: OR214385.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:14
 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.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>12674-11-2</i>	<i>Aroclor 1016</i>	<i>407</i>		<i>67</i>	<i>15</i>
<i>11096-82-5</i>	<i>Aroclor 1260</i>	<i>404</i>		<i>67</i>	<i>19</i>

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	153	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D
 Lims ID: LCS 460-211881/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:14:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-004
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:07:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene						M
1	2.513	2.517	-0.004	601441	71.0	
2	2.048	2.055	-0.007	728649	71.6	M
					RPD = 0.81	
1 PCB-1016						M
1	3.040	3.045	-0.005	94943	573.1	M
1	3.508	3.515	-0.007	182977	585.7	M
1	4.050	4.057	-0.007	313685	561.5	M
1	4.807	4.815	-0.008	110553	650.8	M
1	4.968	4.973	-0.005	168437	684.0	M
Average of Peak Amounts =					611.0	
2	2.343	2.352	-0.009	164678	695.0	M
2	2.667	2.677	-0.010	245505	640.0	
2	3.120	3.130	-0.010	501718	623.0	
2	3.265	3.275	-0.010	184322	610.6	M
2	3.702	3.713	-0.011	197381	601.7	M
Average of Peak Amounts =					634.1	
					RPD = 3.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.495	6.505	-0.010	247162	630.1	M
1	6.835	6.845	-0.010	283263	618.9	M
1	8.380	8.400	-0.020	202670	563.0	
1	8.933	8.942	-0.009	449931	597.8	M
1	10.142	10.143	-0.001	122395	621.1	
Average of Peak Amounts =					606.2	
2	5.117	5.130	-0.013	291232	615.2	M
2	6.277	6.290	-0.013	246111	629.3	M
2	6.753	6.768	-0.015	687698	638.6	
2	7.242	7.258	-0.016	216219	518.6	
2	8.615	8.633	-0.018	236926	692.6	
Average of Peak Amounts =					618.9	
					RPD = 2.07	
\$ 5 DCB Decachlorobiphenyl						
1	10.653	10.655	-0.002	409699	76.6	
2	9.372	9.387	-0.015	694651	83.3	
					RPD = 8.43	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D

Injection Date: 12-Mar-2014 00:14:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCS 460-211881/2-A

Worklist Smp#: 4

Client ID:

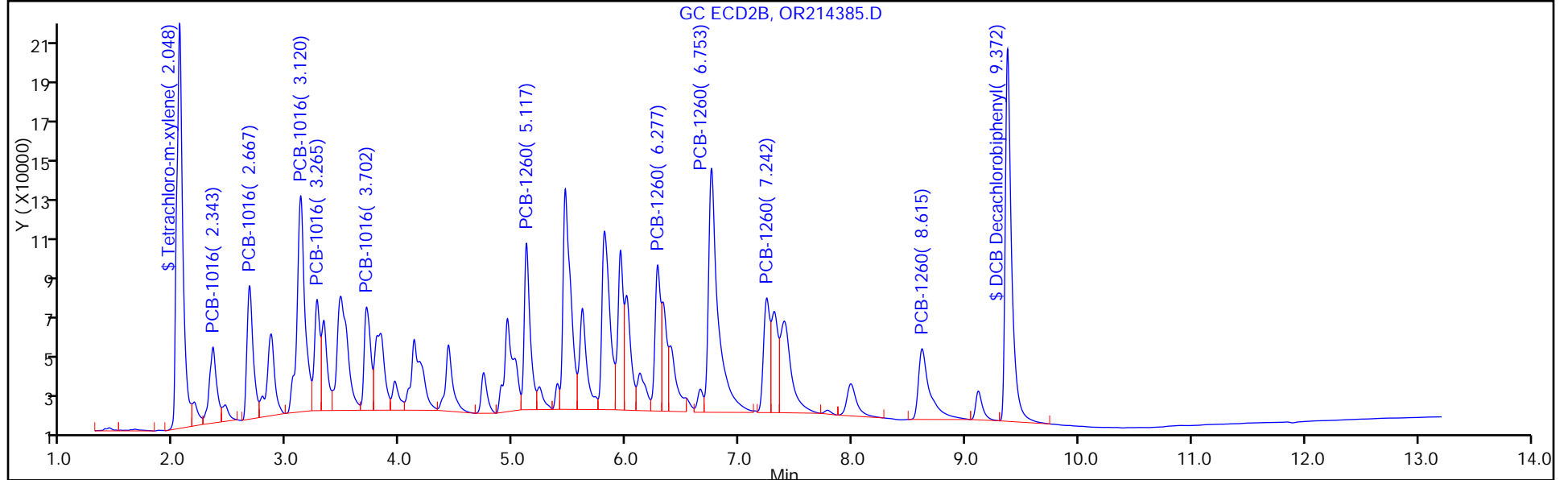
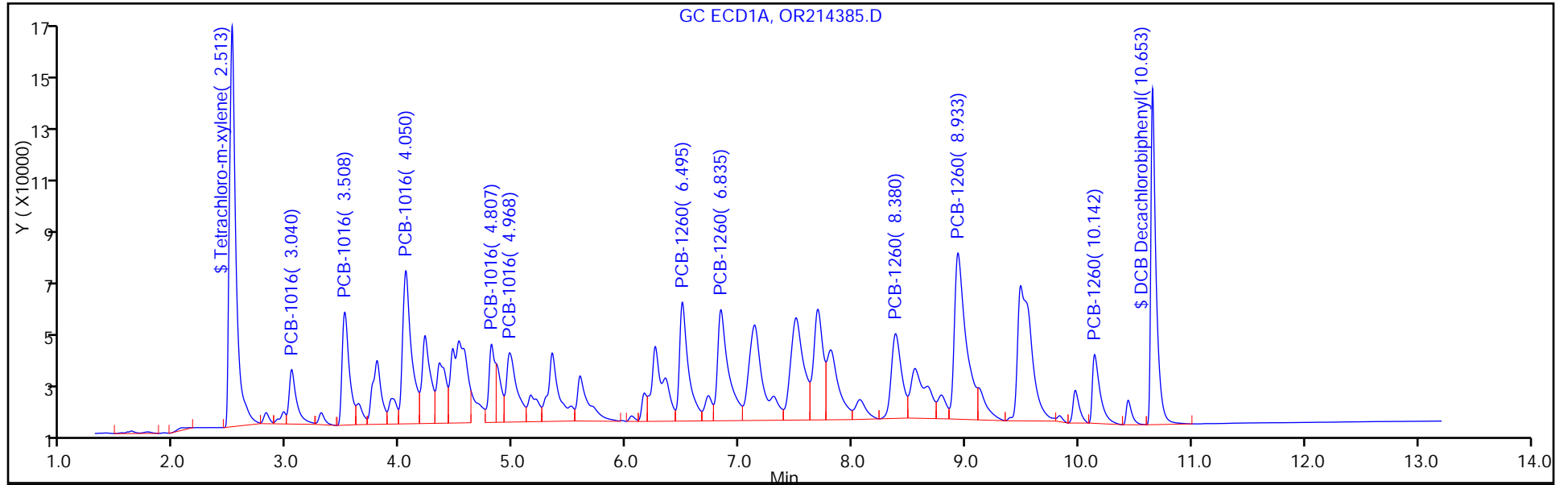
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC7

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D

Injection Date: 12-Mar-2014 00:14:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-211881/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

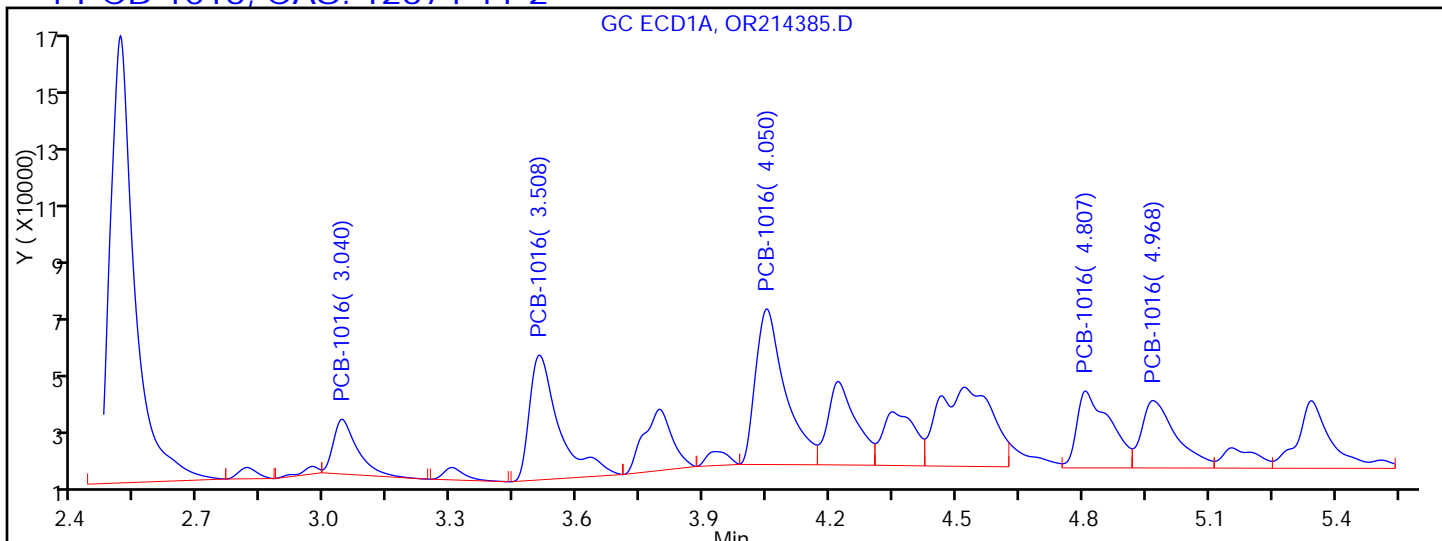
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

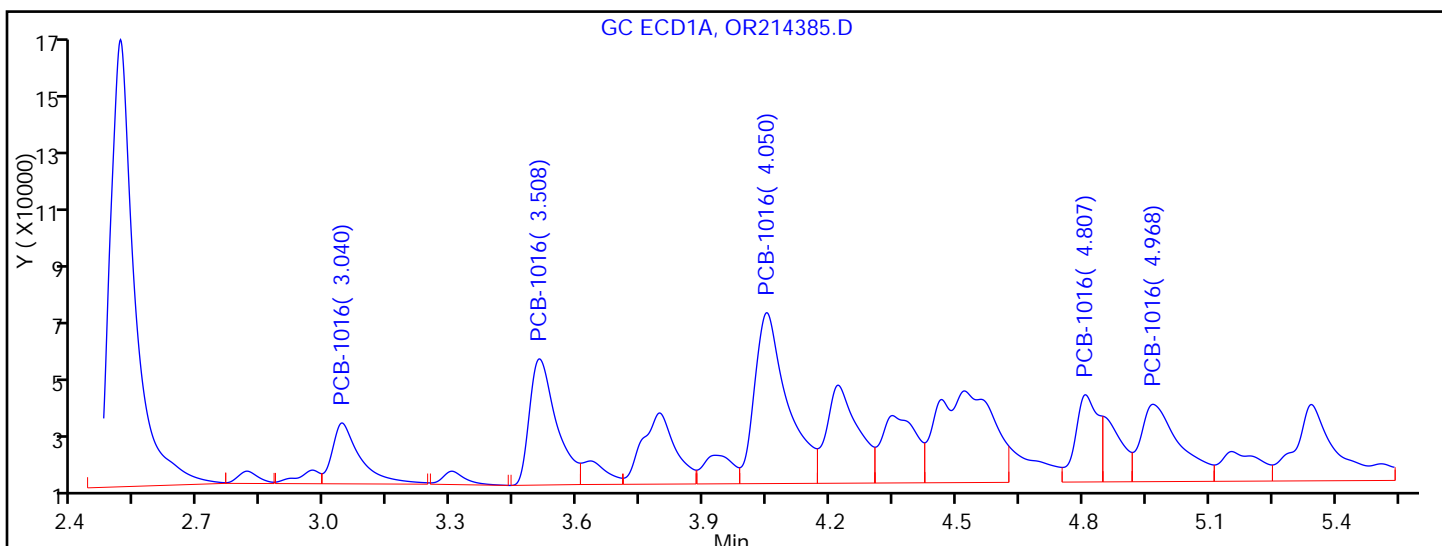
Detector: GC ECD1A

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.040	Response = 73237	M
RT = 3.508	Response = 205189	M
RT = 4.050	Response = 256914	M
RT = 4.807	Response = 142378	M
RT = 4.968	Response = 129769	M



Manual Integration Results

RT = 3.040	Response = 94943	M
RT = 3.508	Response = 182977	M
RT = 4.050	Response = 313685	M
RT = 4.807	Response = 110553	M
RT = 4.968	Response = 168437	M

Reviewer: patelji, 12-Mar-2014 12:07:29

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D

Injection Date: 12-Mar-2014 00:14:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-211881/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

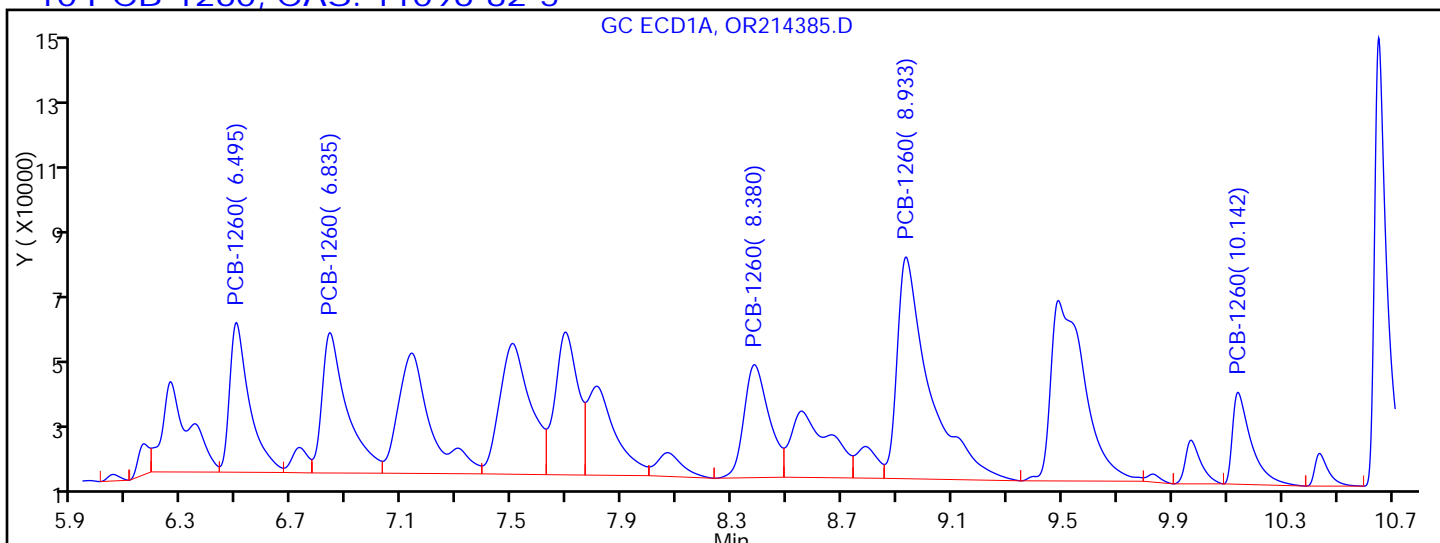
Dil. Factor: 1.0000

Method: 8082GC7

Limit Group: GC 8082 PCB

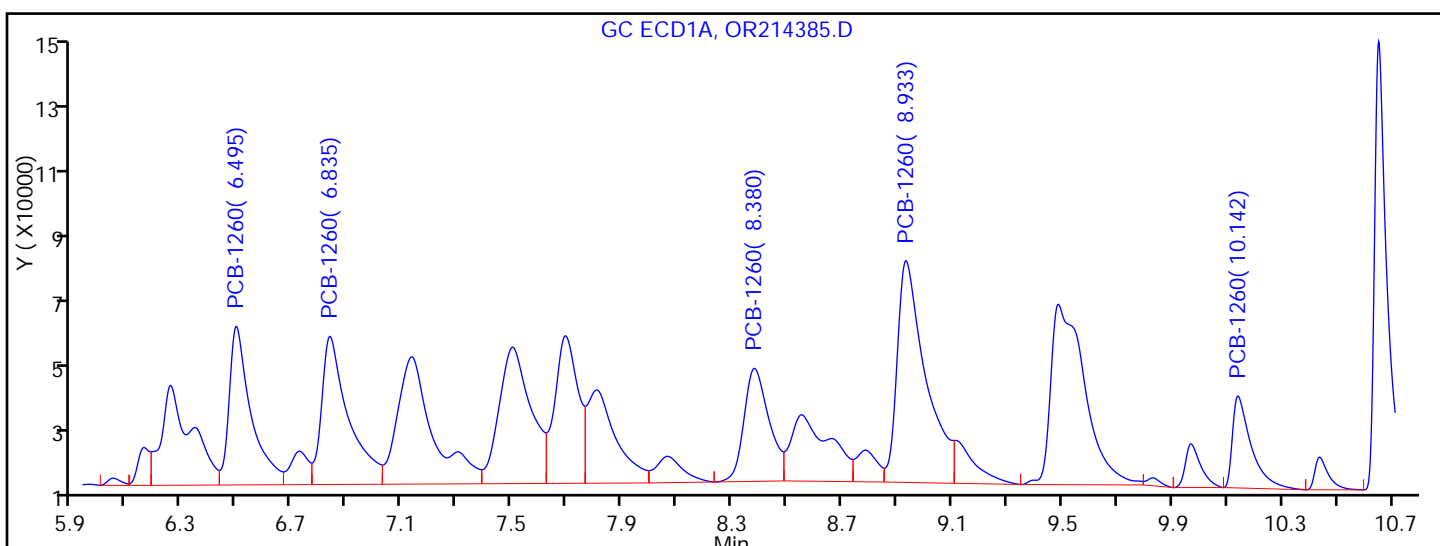
Column:

Detector: GC ECD1A

10 PCB-1260, CAS: 11096-82-5

Processing Integration Results

RT = 6.495	Response = 212288	M
RT = 6.835	Response = 250230	M
RT = 8.380	Response = 202670	
RT = 8.933	Response = 511800	M
RT = 10.142	Response = 122395	



Manual Integration Results

RT = 6.495	Response = 247162	M
RT = 6.835	Response = 283263	M
RT = 8.380	Response = 202670	
RT = 8.933	Response = 449931	M
RT = 10.142	Response = 122395	

Reviewer: patelji, 12-Mar-2014 12:07:29

Audit Action: Split an Integrated Peak

Page 2614 of 3015

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211881/2-A
 Matrix: Solid Lab File ID: OR214385.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:14
 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.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	423		67	15
11096-82-5	Aroclor 1260	413		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	167	X D	45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D
 Lims ID: LCS 460-211881/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:14:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010736-004
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 14:48:48 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 12:07:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

\$ 12 Tetrachloro-m-xylene						M
1	2.513	2.517	-0.004	601441	71.0	
2	2.048	2.055	-0.007	728649	71.6	M
					RPD = 0.81	
1 PCB-1016						M
1	3.040	3.045	-0.005	94943	573.1	M
1	3.508	3.515	-0.007	182977	585.7	M
1	4.050	4.057	-0.007	313685	561.5	M
1	4.807	4.815	-0.008	110553	650.8	M
1	4.968	4.973	-0.005	168437	684.0	M
Average of Peak Amounts =					611.0	
2	2.343	2.352	-0.009	164678	695.0	M
2	2.667	2.677	-0.010	245505	640.0	
2	3.120	3.130	-0.010	501718	623.0	
2	3.265	3.275	-0.010	184322	610.6	M
2	3.702	3.713	-0.011	197381	601.7	M
Average of Peak Amounts =					634.1	
					RPD = 3.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.495	6.505	-0.010	247162	630.1	M
1	6.835	6.845	-0.010	283263	618.9	M
1	8.380	8.400	-0.020	202670	563.0	
1	8.933	8.942	-0.009	449931	597.8	M
1	10.142	10.143	-0.001	122395	621.1	
Average of Peak Amounts =					606.2	
2	5.117	5.130	-0.013	291232	615.2	M
2	6.277	6.290	-0.013	246111	629.3	M
2	6.753	6.768	-0.015	687698	638.6	
2	7.242	7.258	-0.016	216219	518.6	
2	8.615	8.633	-0.018	236926	692.6	
Average of Peak Amounts =					618.9	
					RPD = 2.07	
\$ 5 DCB Decachlorobiphenyl						
1	10.653	10.655	-0.002	409699	76.6	
2	9.372	9.387	-0.015	694651	83.3	
					RPD = 8.43	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D

Injection Date: 12-Mar-2014 00:14:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCS 460-211881/2-A

Worklist Smp#: 4

Client ID:

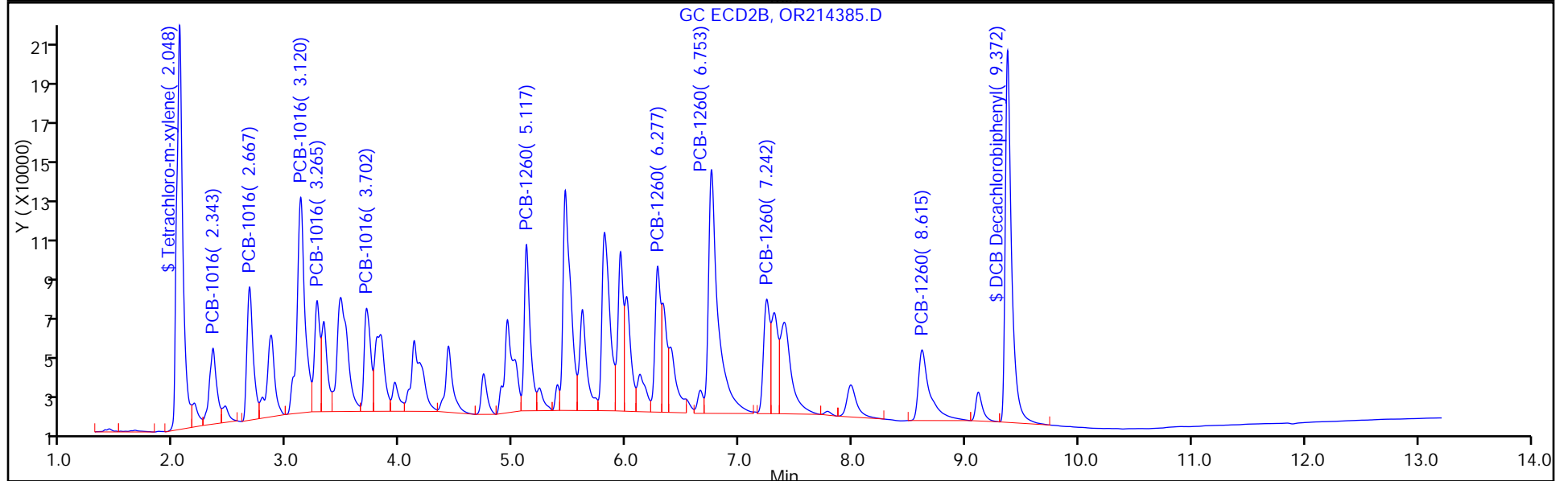
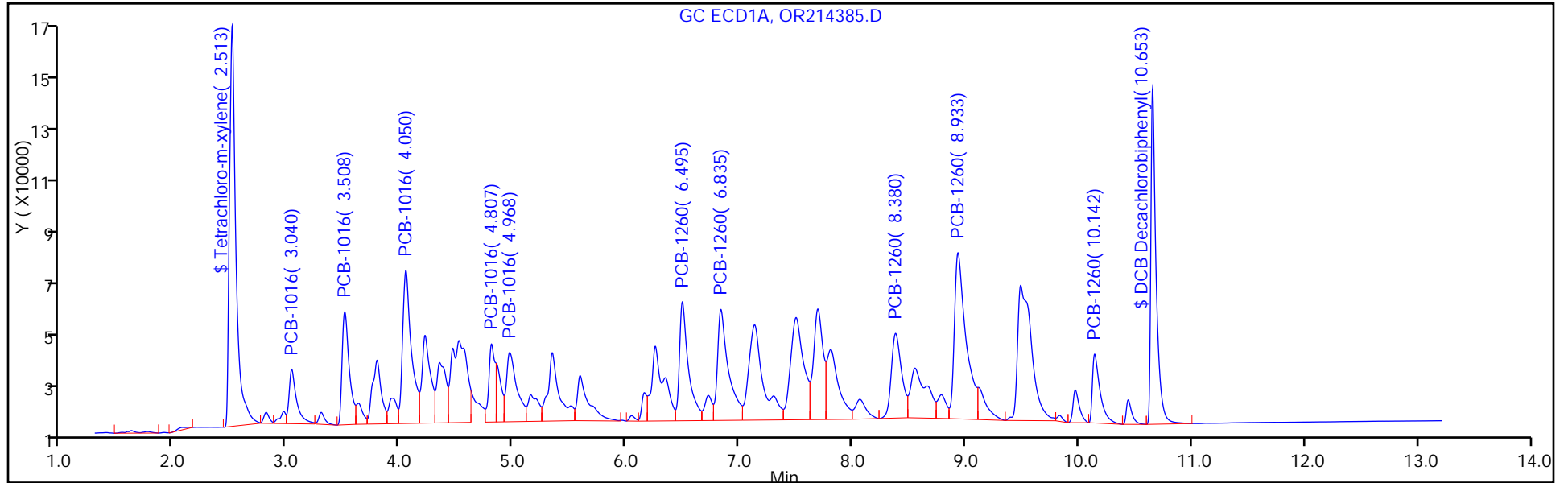
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC7

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D

Injection Date: 12-Mar-2014 00:14:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-211881/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

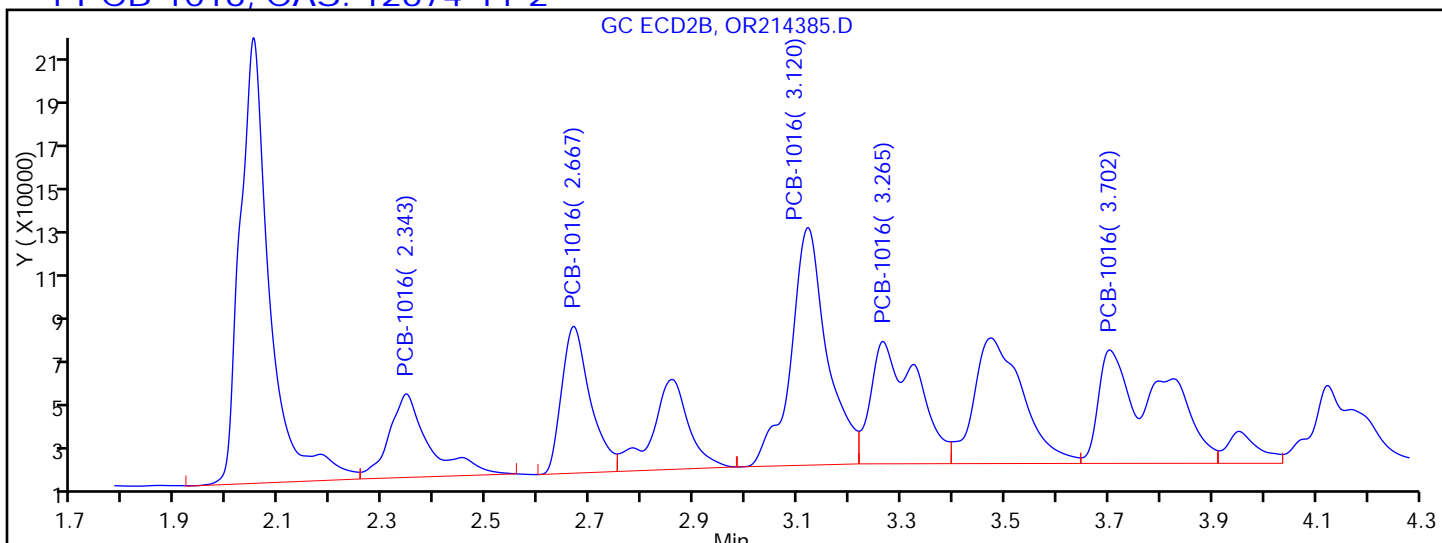
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

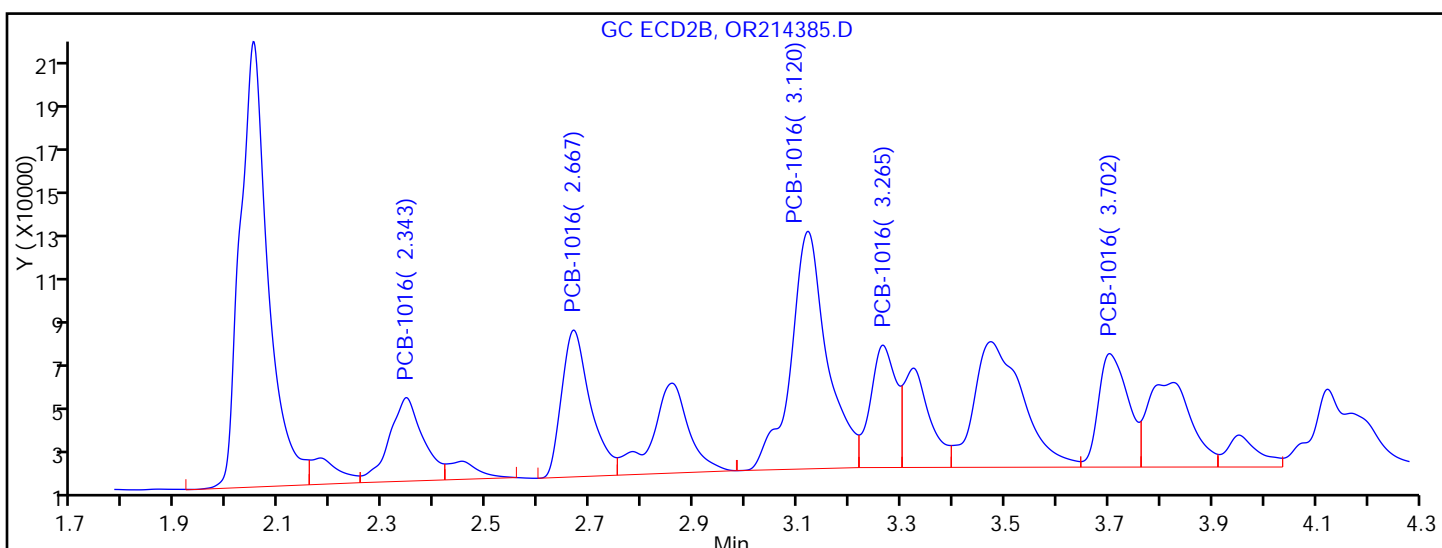
Detector: GC ECD2B

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.343	Response = 196109	M
RT = 2.667	Response = 245505	
RT = 3.120	Response = 501718	
RT = 3.265	Response = 332611	M
RT = 3.702	Response = 413593	M



Manual Integration Results

RT = 2.343	Response = 164678	M
RT = 2.667	Response = 245505	
RT = 3.120	Response = 501718	
RT = 3.265	Response = 184322	M
RT = 3.702	Response = 197381	M

Reviewer: patelji, 12-Mar-2014 12:07:29

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140312-10736.b\OR214385.D

Injection Date: 12-Mar-2014 00:14:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-211881/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

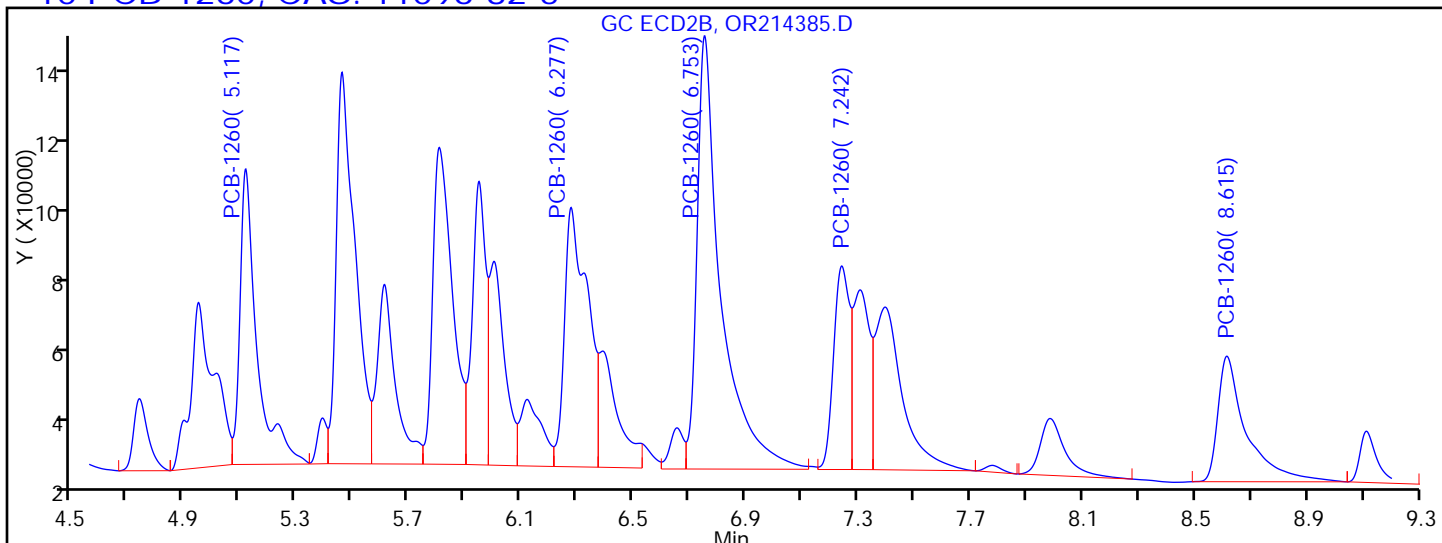
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

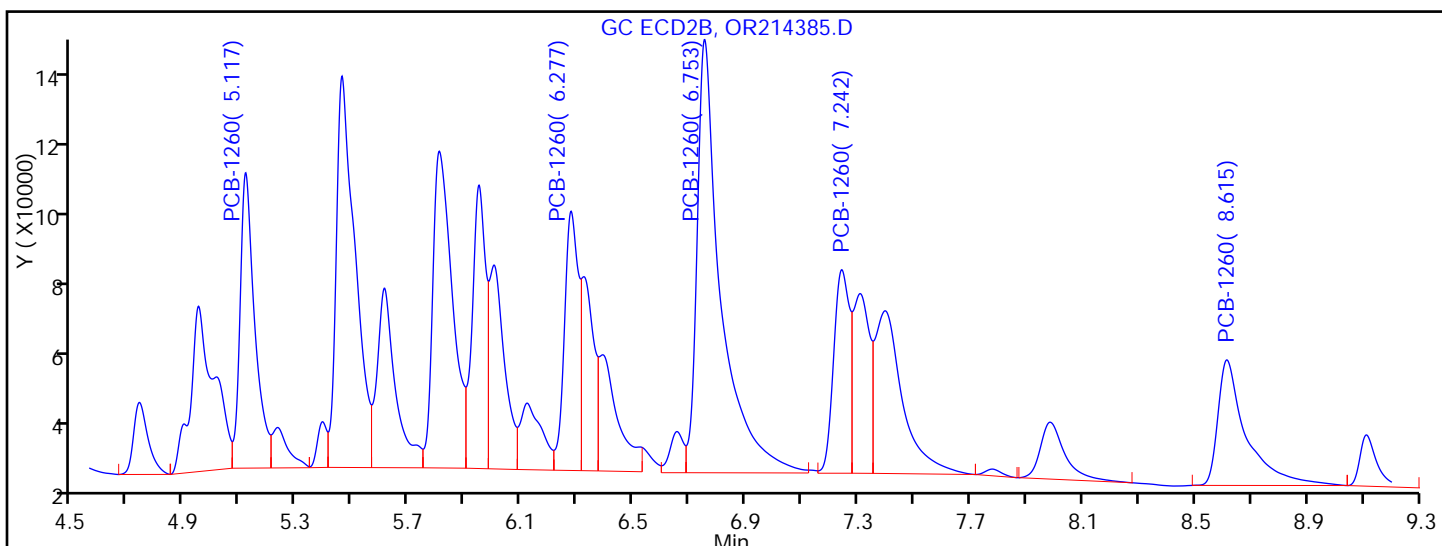
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.117	Response = 333783	M
RT = 6.277	Response = 399857	M
RT = 6.753	Response = 687698	
RT = 7.242	Response = 216219	
RT = 8.615	Response = 236926	



Manual Integration Results

RT = 5.117	Response = 291232	M
RT = 6.277	Response = 246111	M
RT = 6.753	Response = 687698	
RT = 7.242	Response = 216219	
RT = 8.615	Response = 236926	

Reviewer: patelji, 12-Mar-2014 12:07:29

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211882/2-A
 Matrix: Solid Lab File ID: T004490.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:22
 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.: 212066 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	375		67	15
11096-82-5	Aroclor 1260	385		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0
					RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7
					RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0

RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7

RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

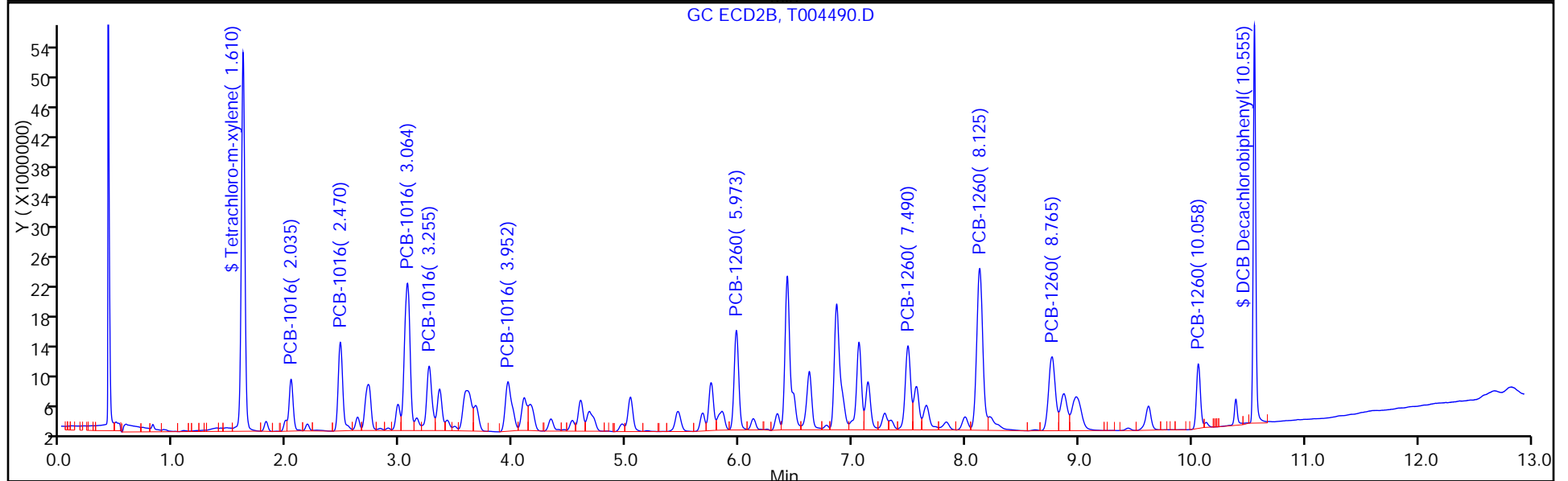
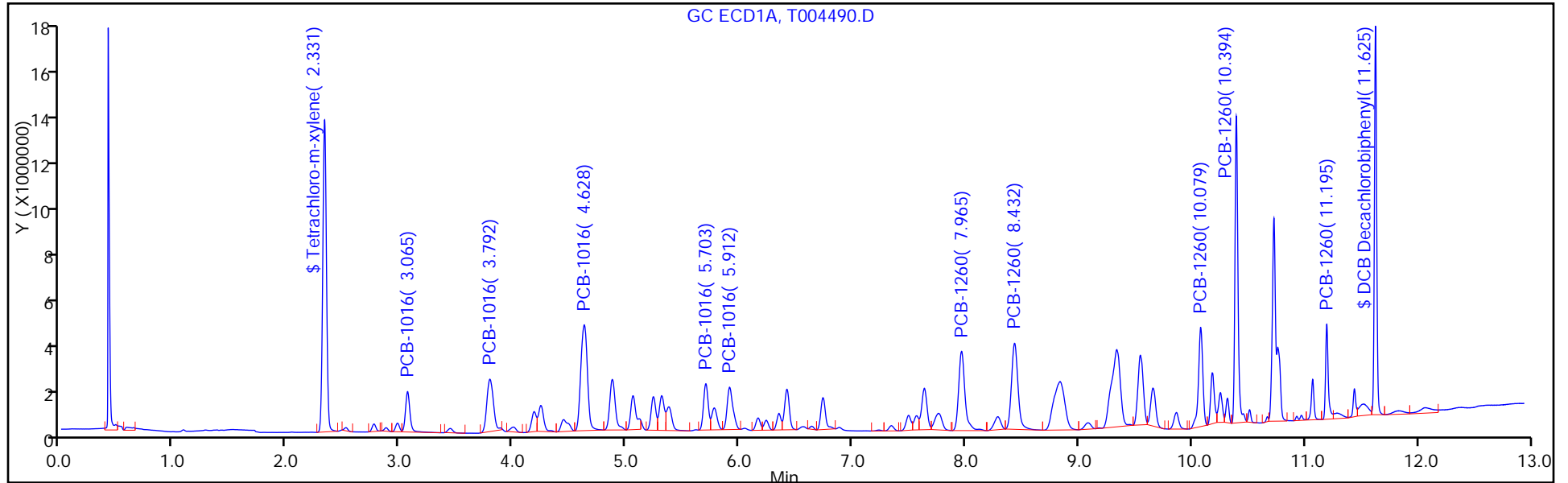
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082A PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

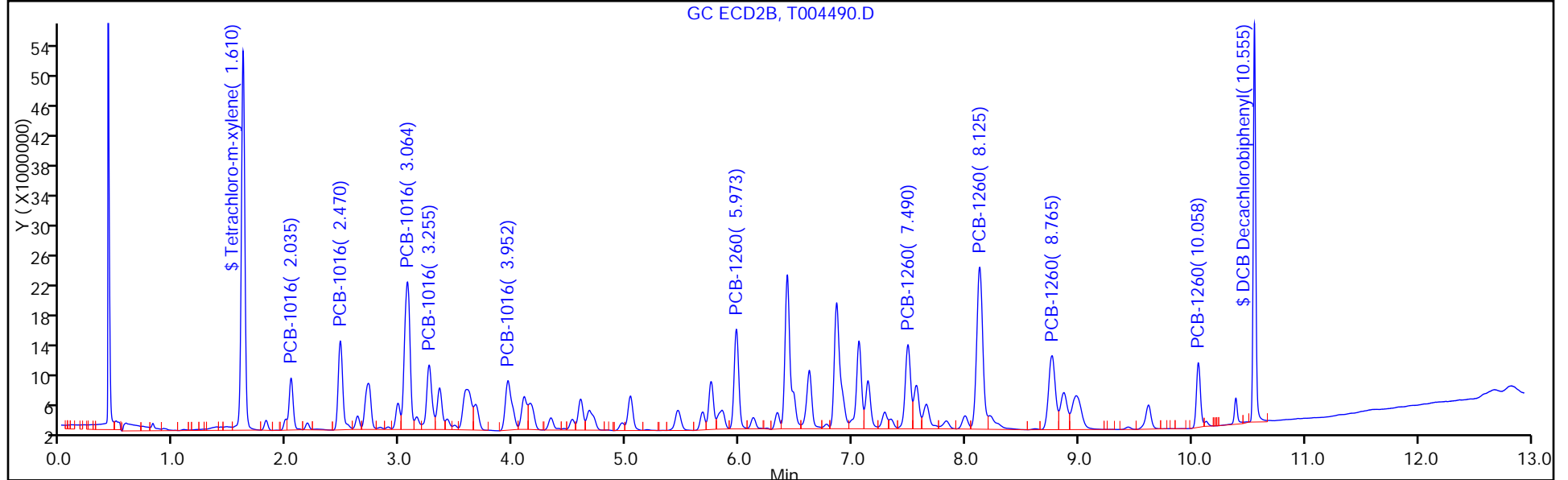
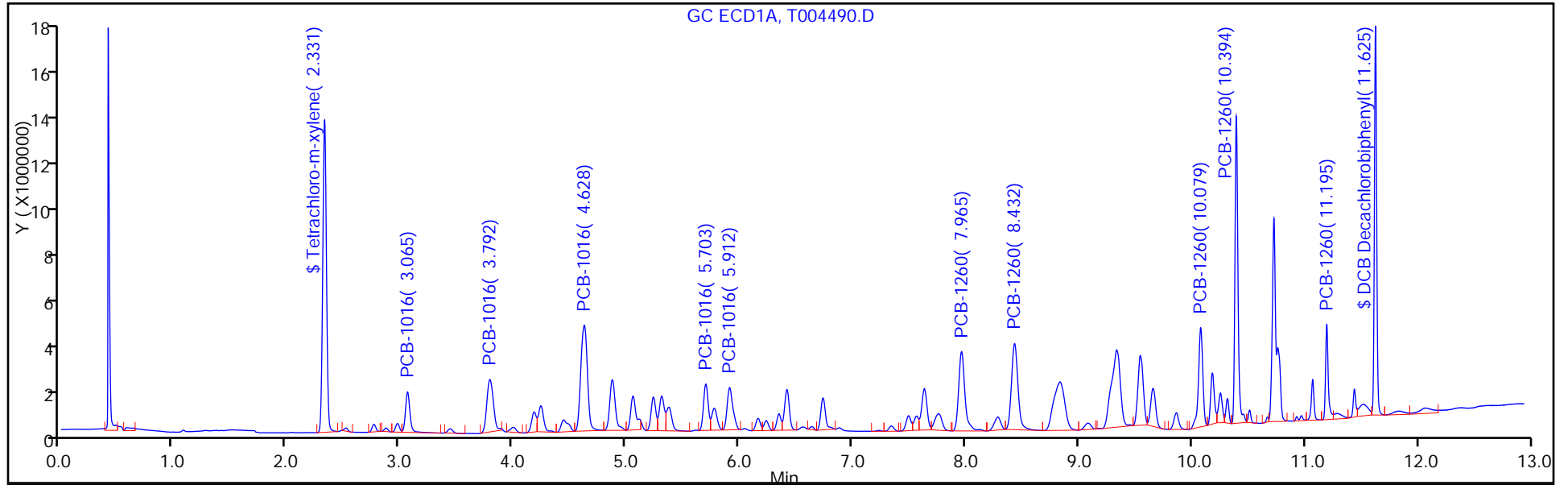
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Lims ID: LCS 460-211882/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 34

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 8082GC11

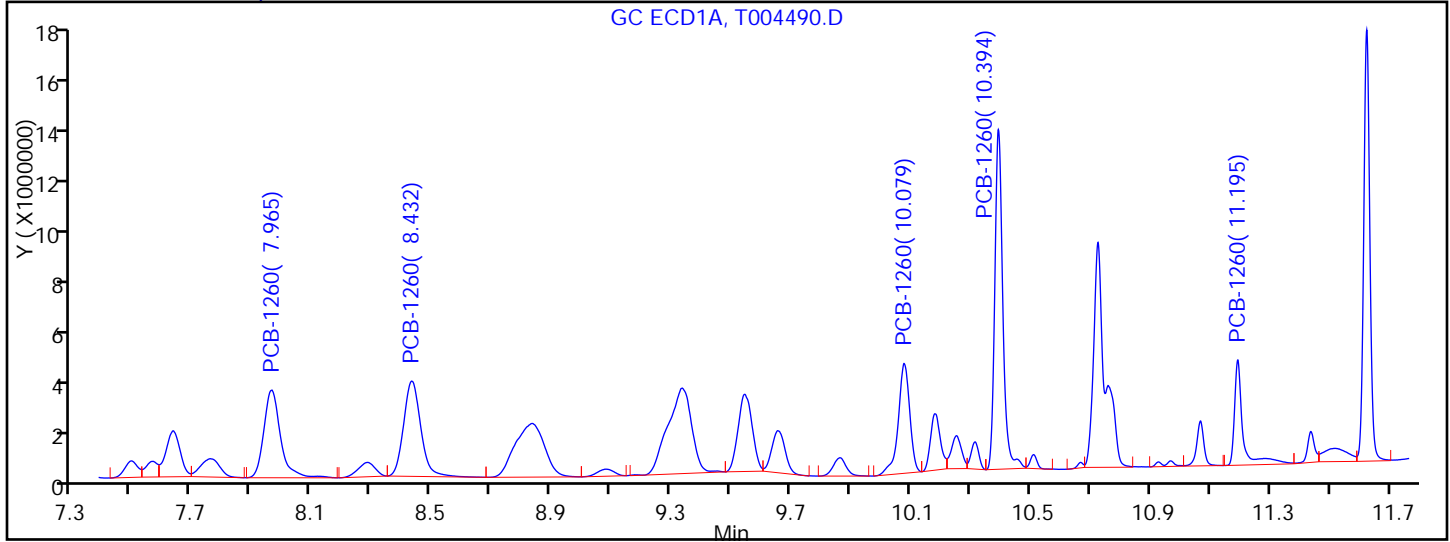
Limit Group: GC 8082 PCB

Column:

Detector

GC ECD1A

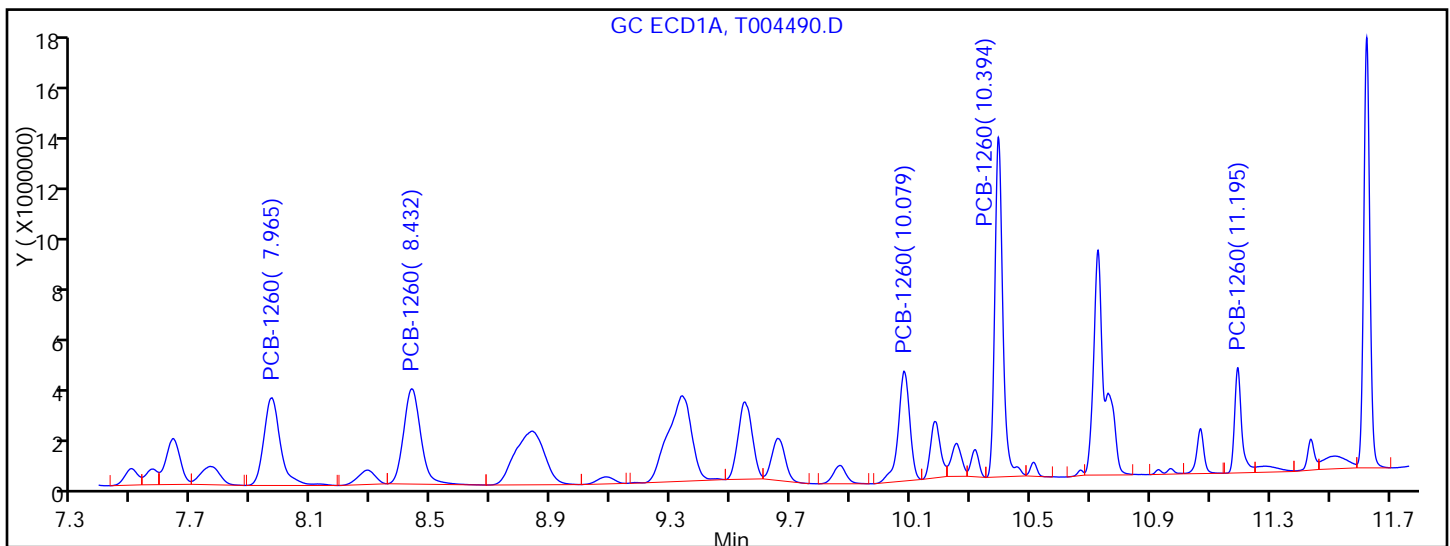
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 7583591

M



Manual Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 6461233

M

Reviewer: patelji, 12-Mar-2014 08:45:27

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Lims ID: LCS 460-211882/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 34

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 8082GC11

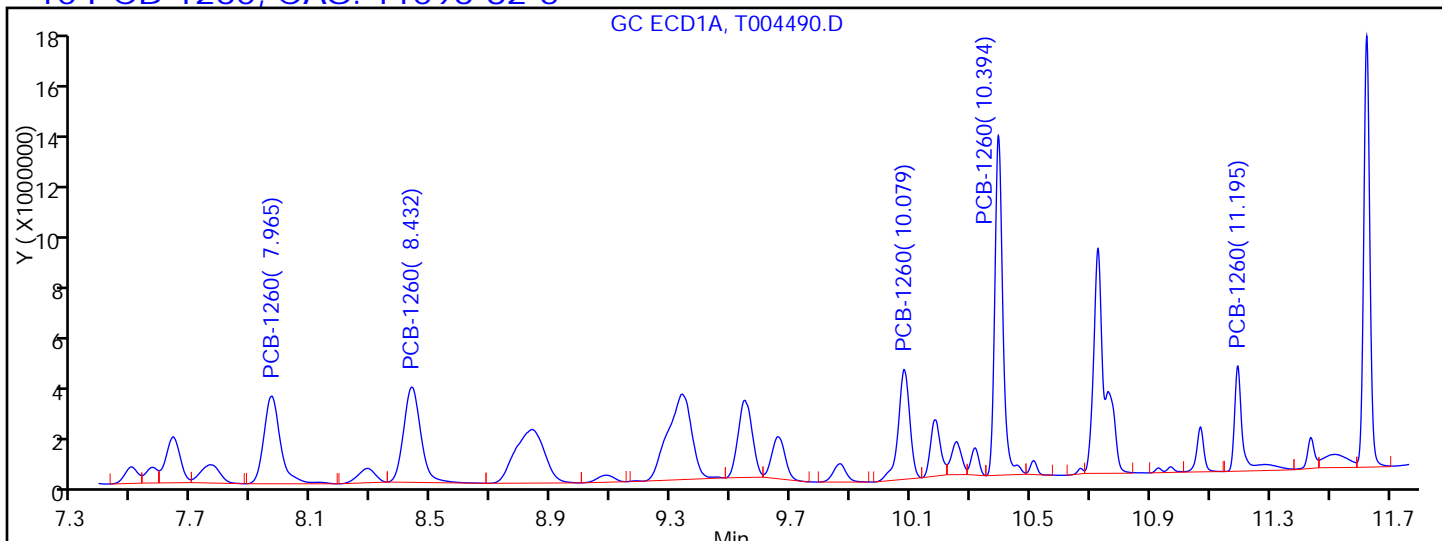
Limit Group: GC 8082A PCB

Column:

Detector

GC ECD1A

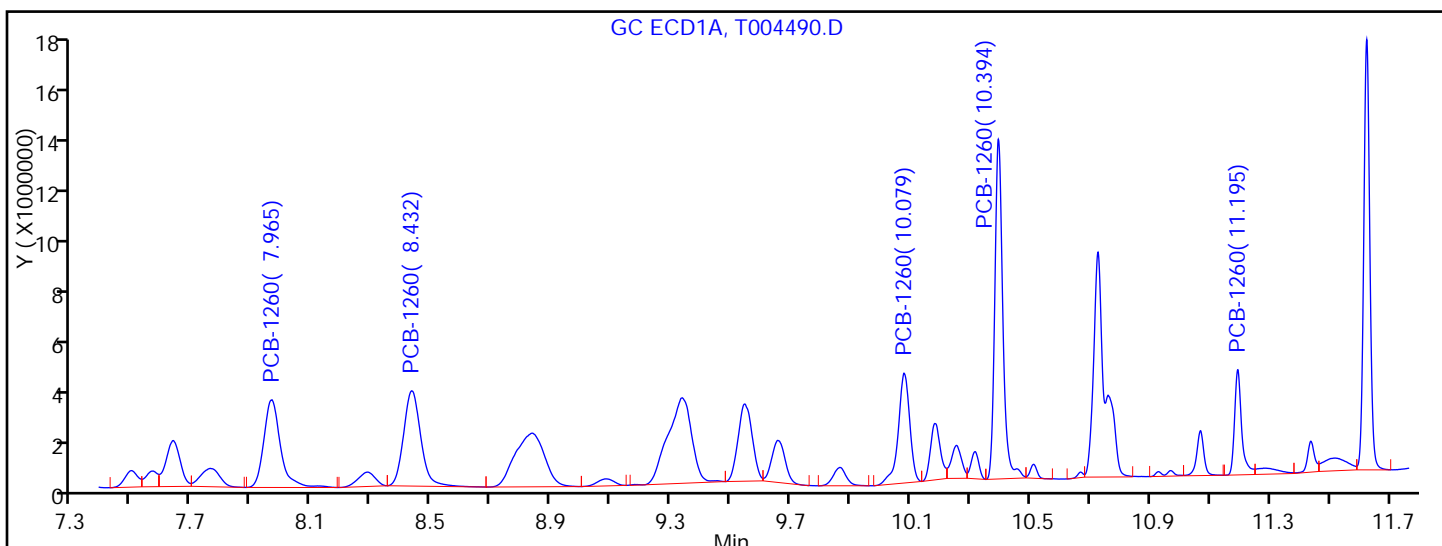
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 7583591

M



Manual Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 6461233

M

Reviewer: patelji, 12-Mar-2014 08:45:27

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

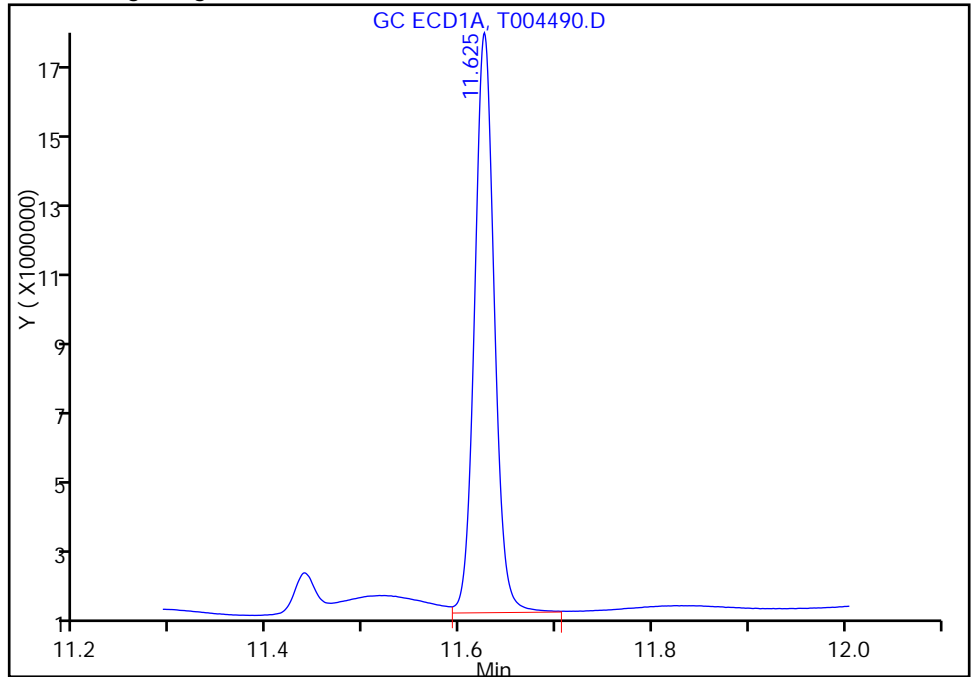
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
Injection Date: 12-Mar-2014 00:22:05 Instrument ID: CPESTGC11
Lims ID: LCS 460-211882/2-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082A PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

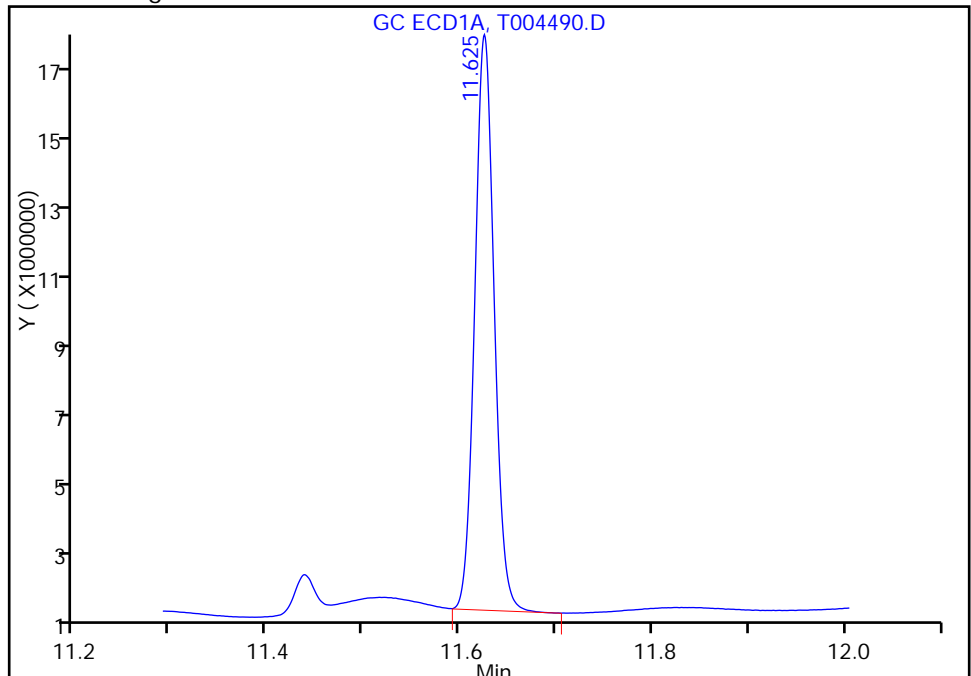
Processing Integration Results

RT: 11.63
Response: 22759552
Amount: 70.745015



Manual Integration Results

RT: 11.63
Response: 22153070
Amount: 68.859847



Reviewer: patelji, 12-Mar-2014 08:45:27
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

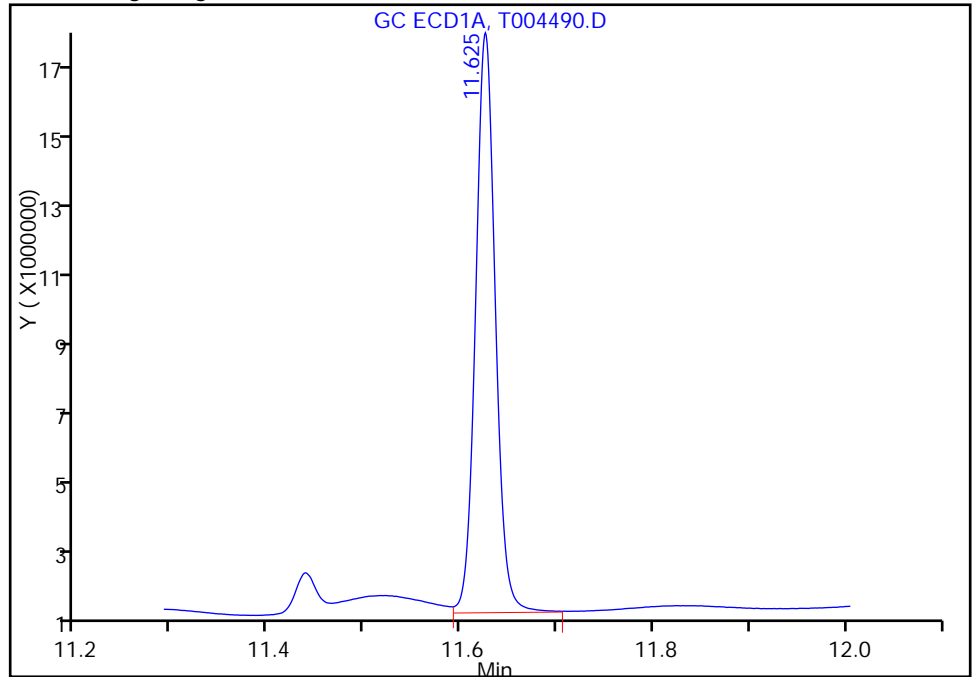
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
Injection Date: 12-Mar-2014 00:22:05 Instrument ID: CPESTGC11
Lims ID: LCS 460-211882/2-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082 PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

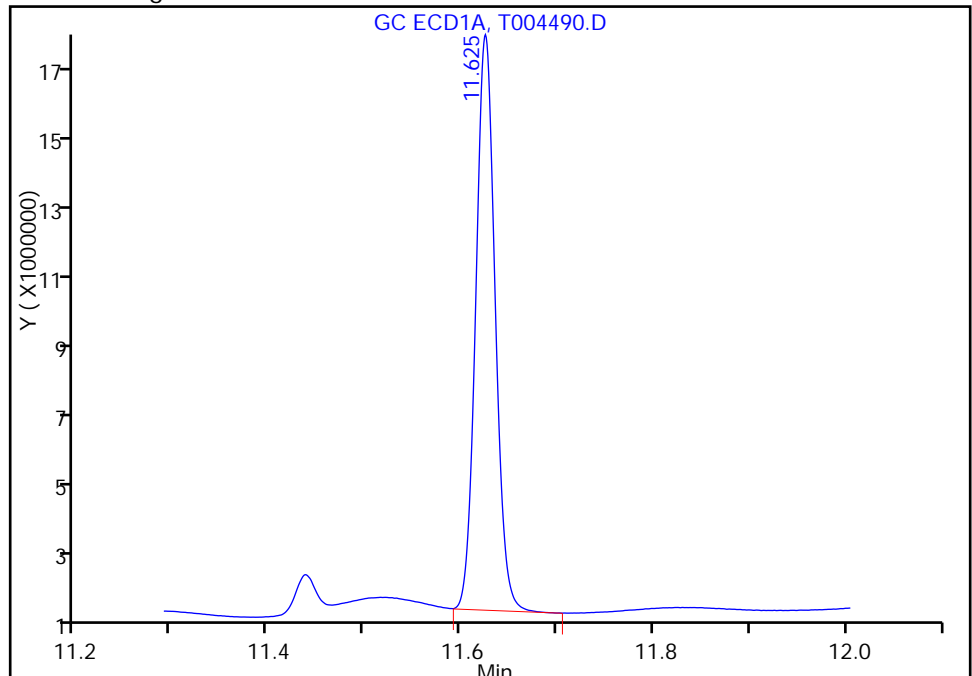
Processing Integration Results

RT: 11.63
Response: 22759552
Amount: 70.745015



Manual Integration Results

RT: 11.63
Response: 22153070
Amount: 68.859847



Reviewer: patelji, 12-Mar-2014 08:45:27
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211882/2-A
 Matrix: Solid Lab File ID: T004490.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:22
 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.: 212066 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	376		67	15
11096-82-5	Aroclor 1260	361		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\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0
					RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7
					RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
-----	-----------	---------------	---------------	----------	-----------------	-------

\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0
					RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7
					RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

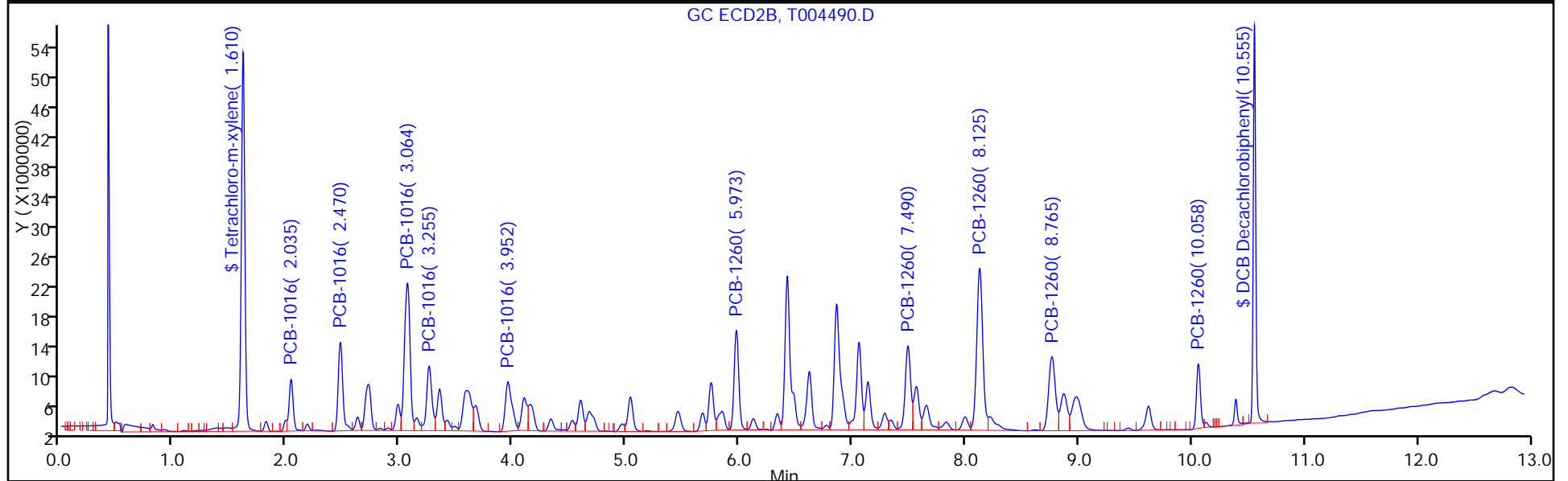
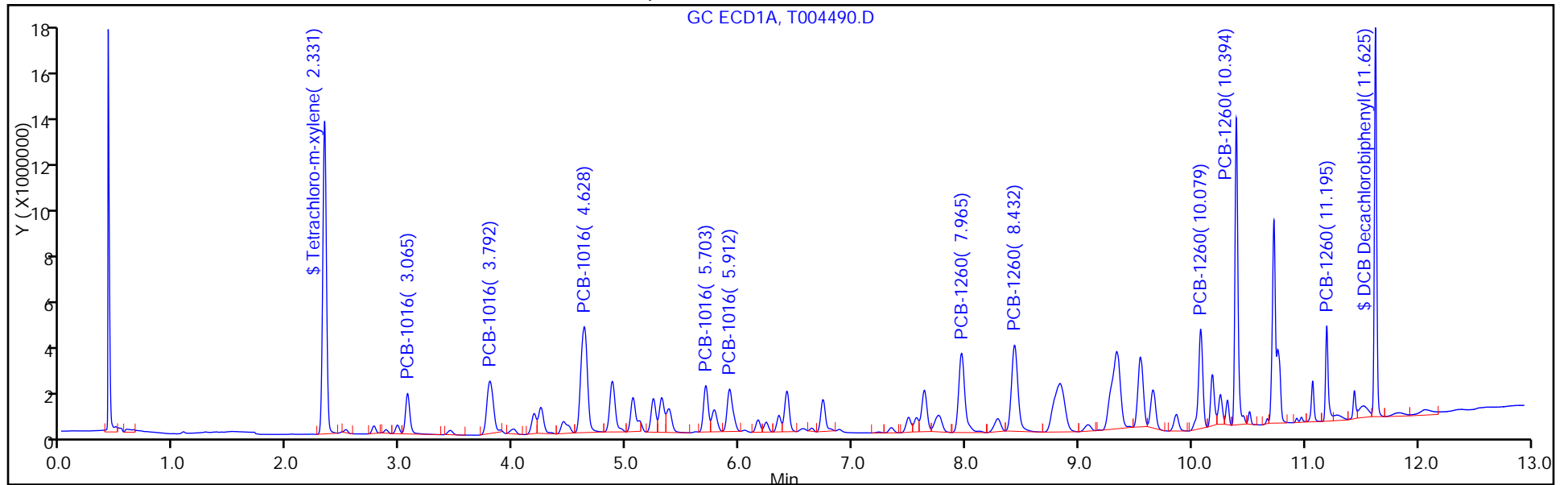
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

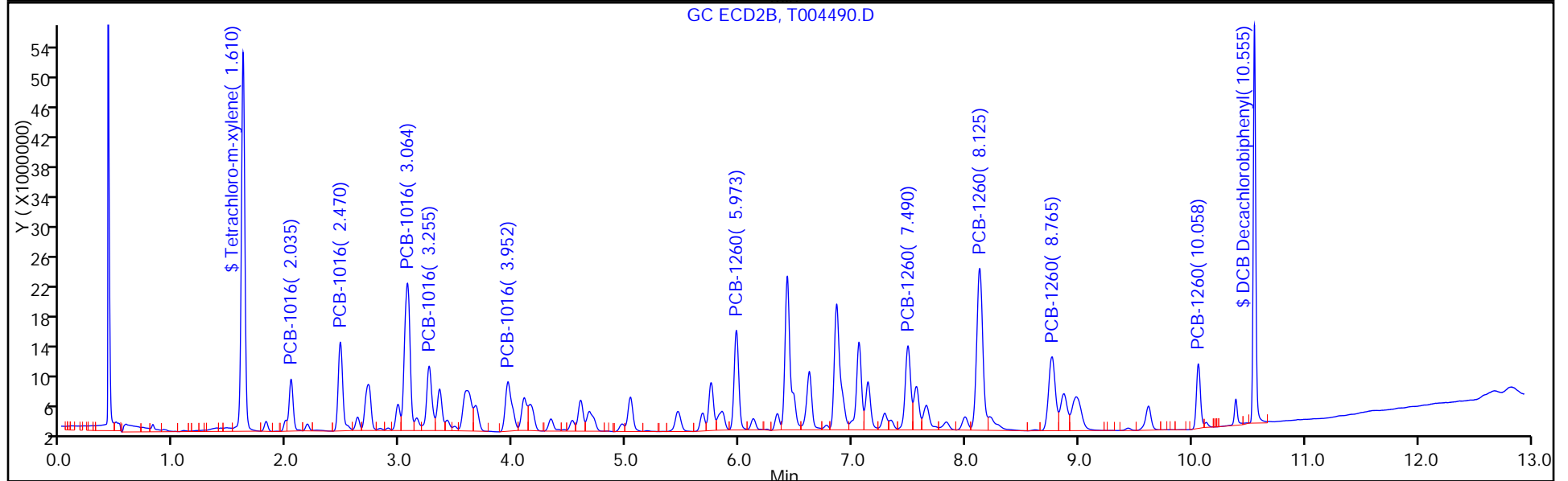
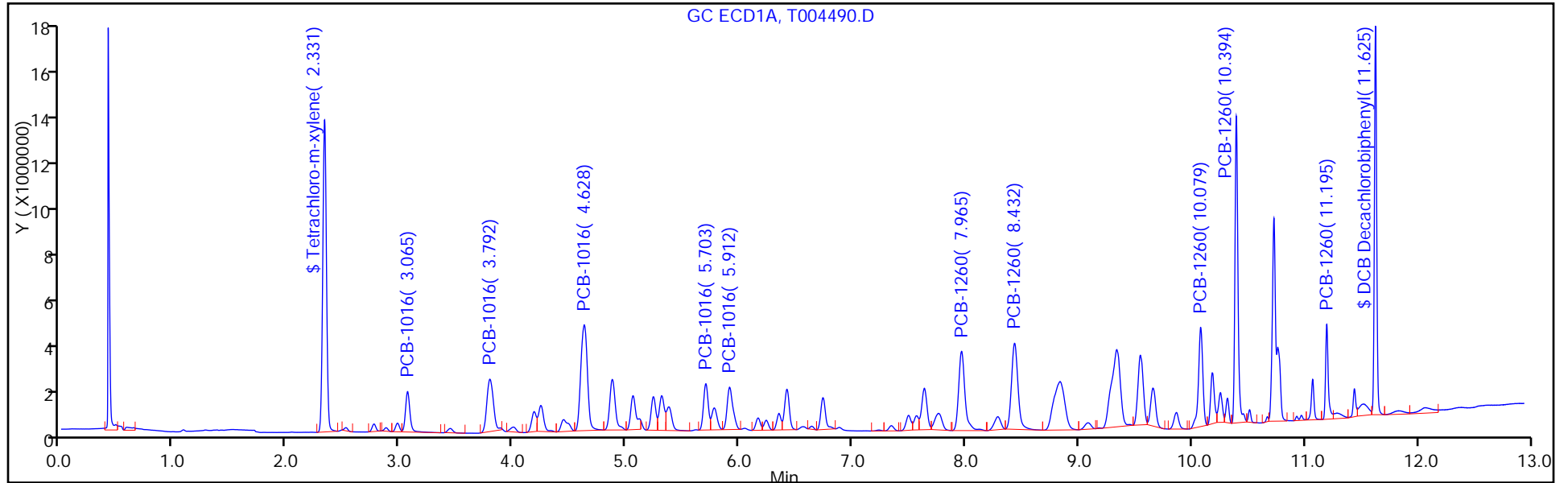
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082A PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211882/2-A
 Matrix: Solid Lab File ID: T004490.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:22
 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.: 212067 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>12674-11-2</i>	<i>Aroclor 1016</i>	375		67	15
11096-82-5	Aroclor 1260	385		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0
					RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7
					RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0

RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7

RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

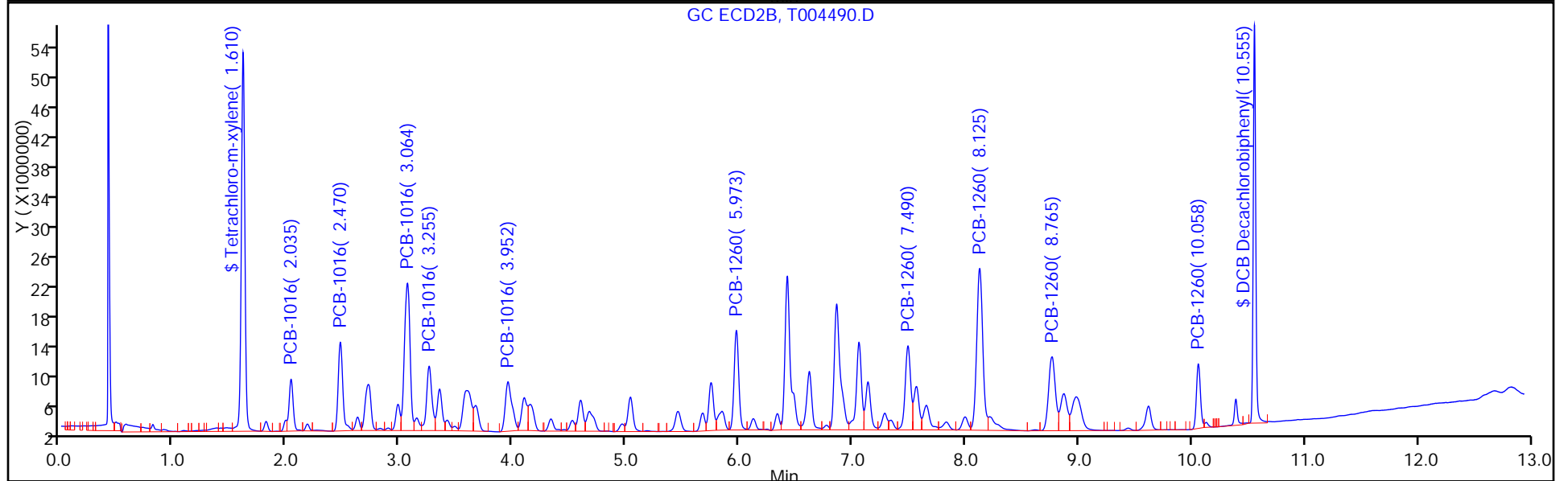
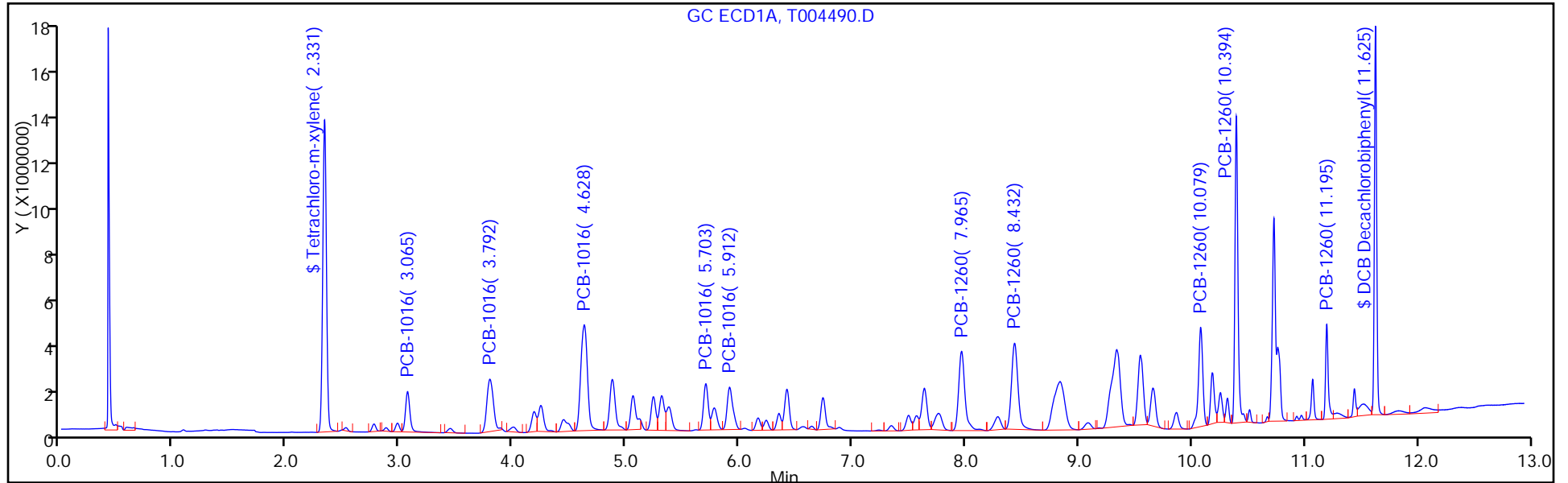
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082A PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

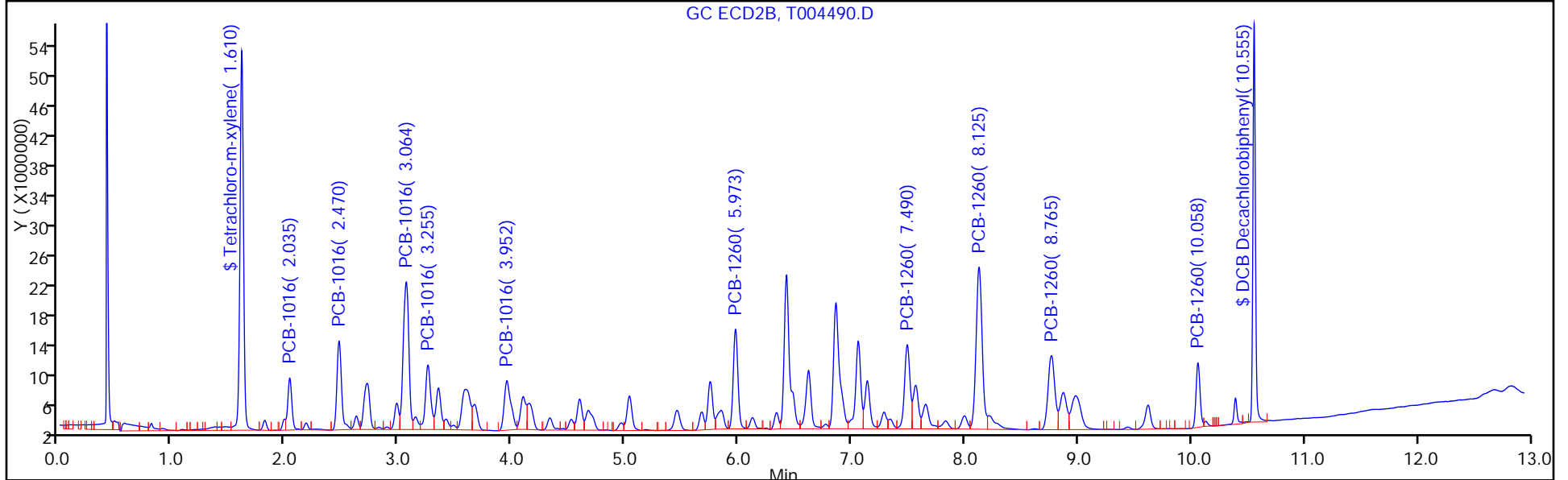
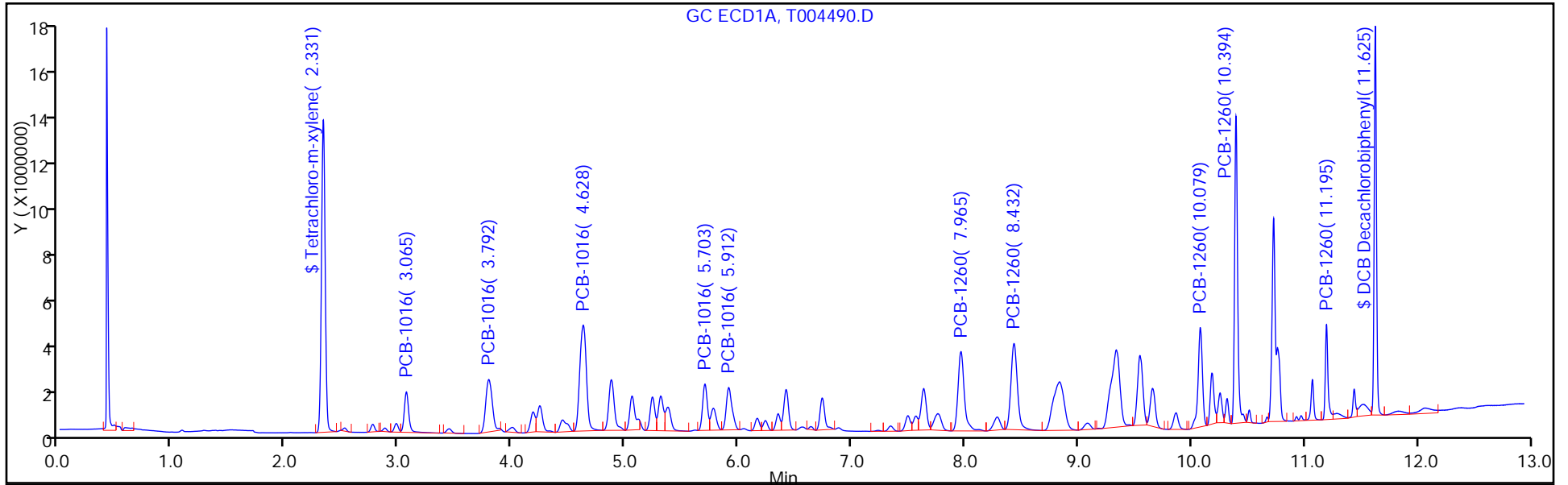
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Lims ID: LCS 460-211882/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 34

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 8082GC11

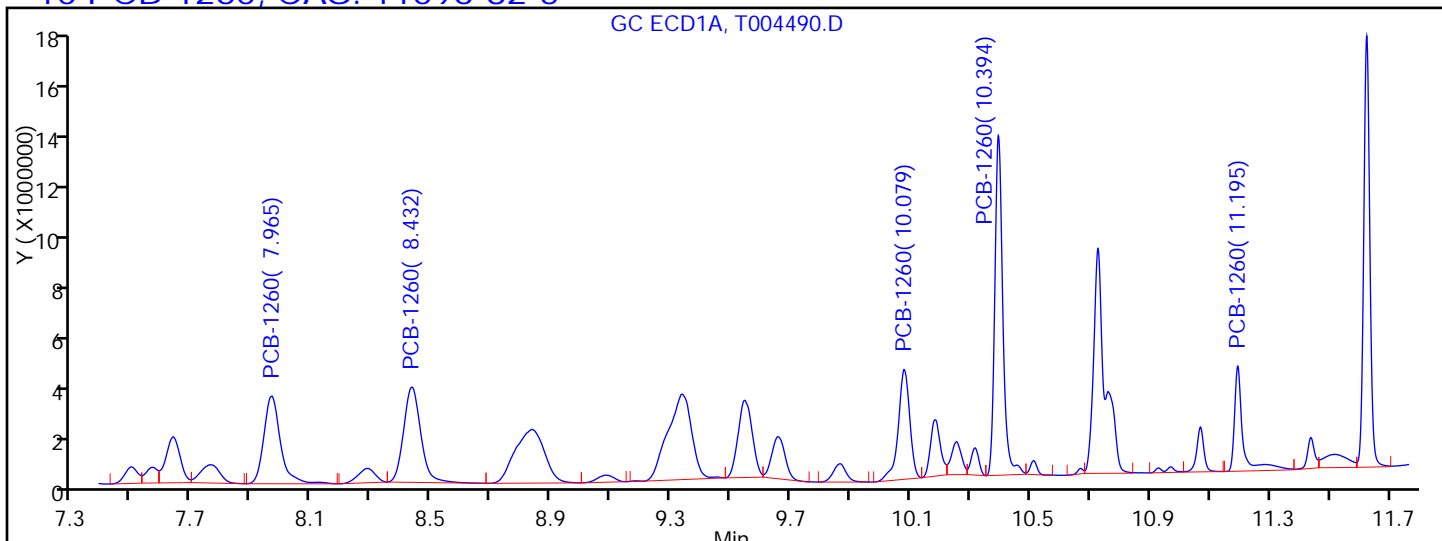
Limit Group: GC 8082 PCB

Column:

Detector

GC ECD1A

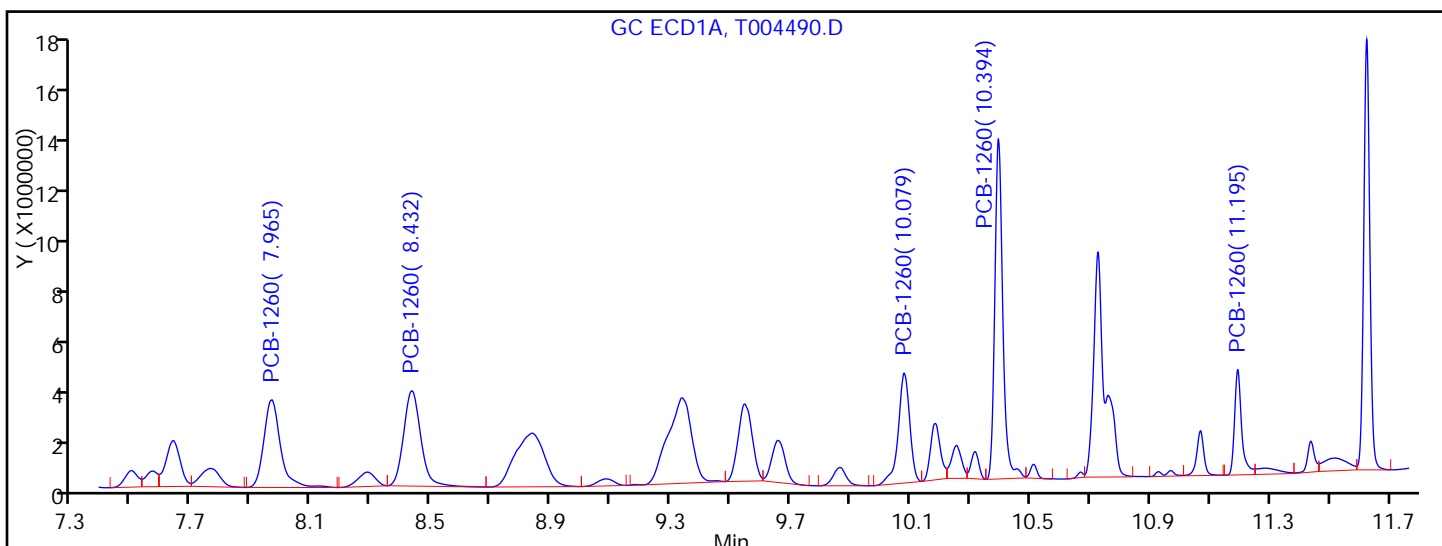
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 7583591

M



Manual Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 6461233

M

Reviewer: patelji, 12-Mar-2014 08:45:27

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Lims ID: LCS 460-211882/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 34

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: 8082GC11

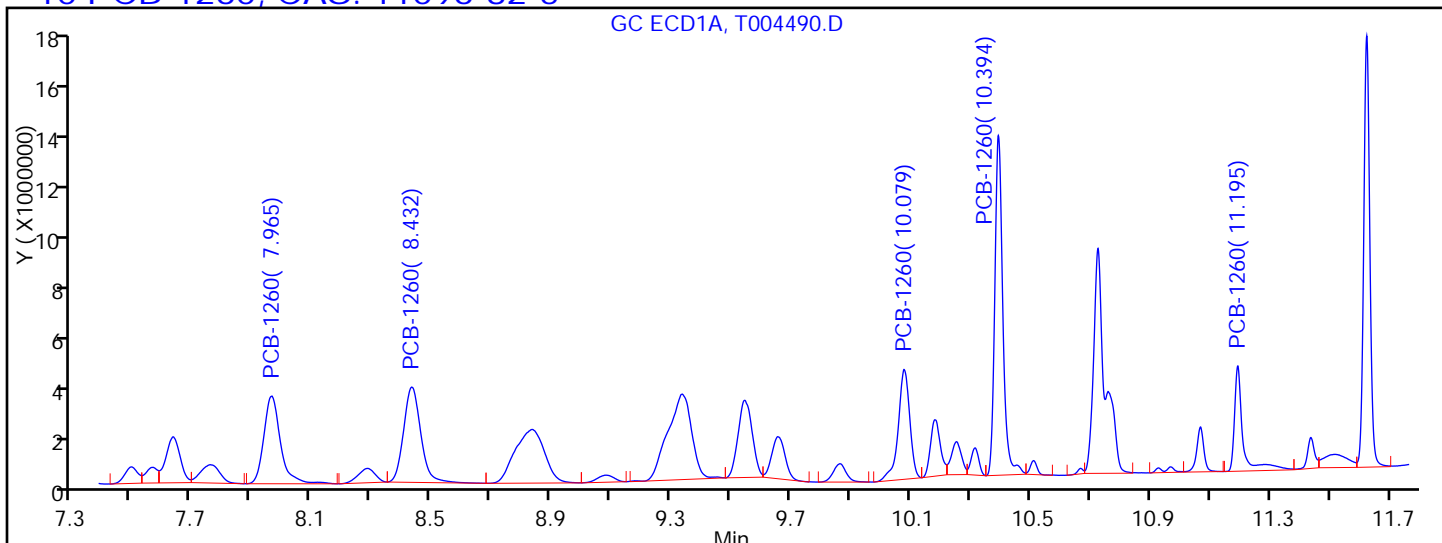
Limit Group: GC 8082A PCB

Column:

Detector

GC ECD1A

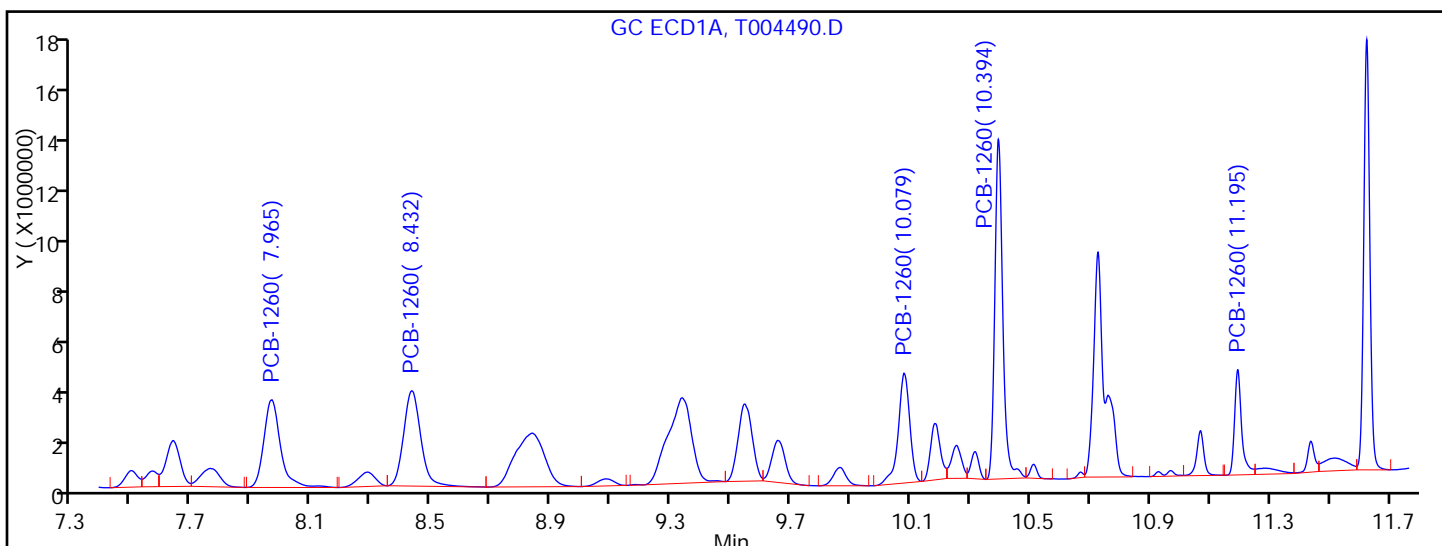
10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 7583591

M



Manual Integration Results

RT = 7.965	Response = 12597064
RT = 8.432	Response = 14079915
RT = 10.079	Response = 10909243
RT = 10.394	Response = 23469697
RT = 11.195	Response = 6461233

M

Reviewer: patelji, 12-Mar-2014 08:45:27

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

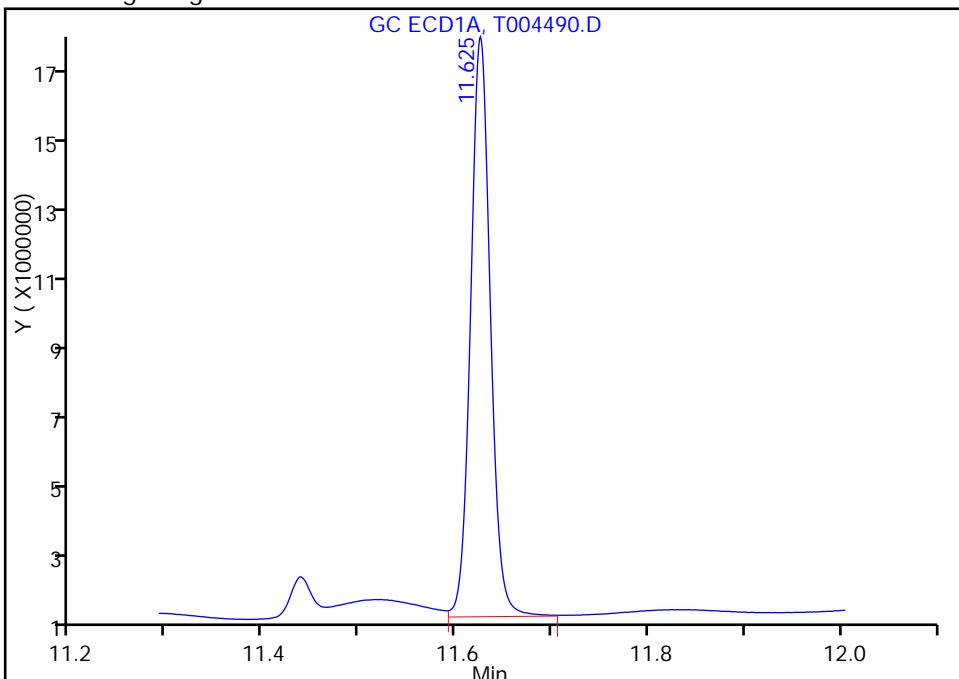
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
Injection Date: 12-Mar-2014 00:22:05 Instrument ID: CPESTGC11
Lims ID: LCS 460-211882/2-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082A PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

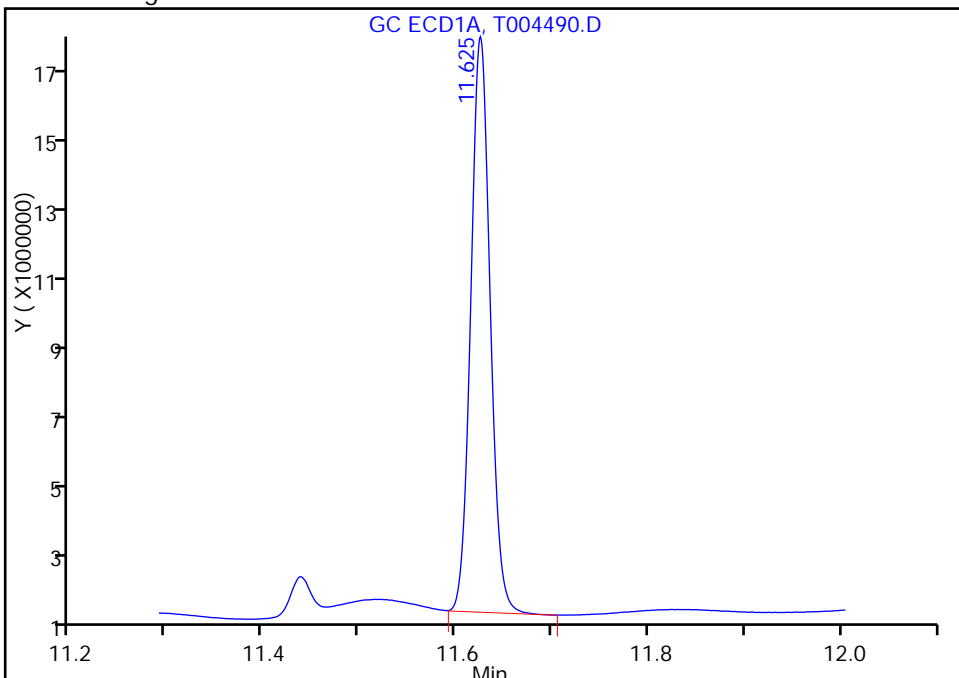
Processing Integration Results

RT: 11.63
Response: 22759552
Amount: 70.745015



Manual Integration Results

RT: 11.63
Response: 22153070
Amount: 68.859847



Reviewer: patelji, 12-Mar-2014 08:45:27
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

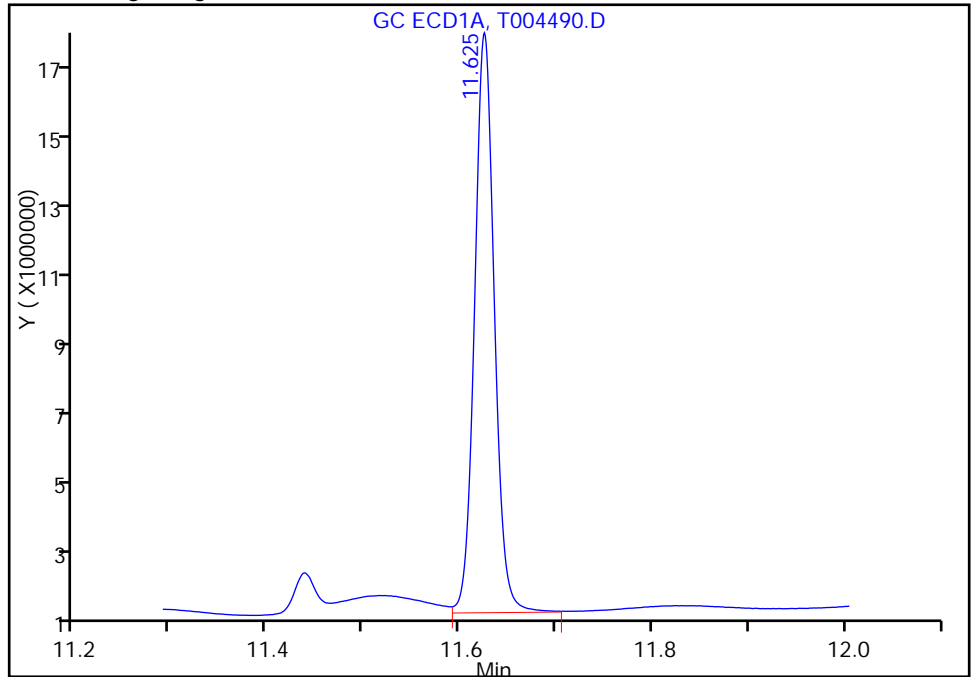
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
Injection Date: 12-Mar-2014 00:22:05 Instrument ID: CPESTGC11
Lims ID: LCS 460-211882/2-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC11 Limit Group: GC 8082 PCB
Column: Detector GC ECD1A

\$ 5 DCB Decachlorobiphenyl, CAS: 2051-24-3

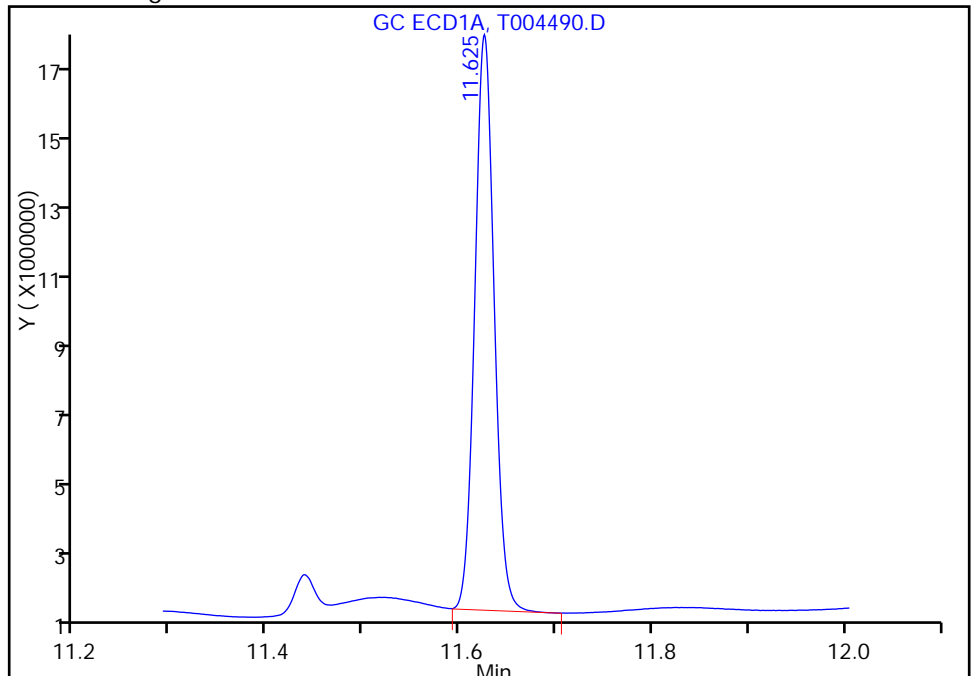
Processing Integration Results

RT: 11.63
Response: 22759552
Amount: 70.745015



Manual Integration Results

RT: 11.63
Response: 22153070
Amount: 68.859847



Reviewer: patelji, 12-Mar-2014 08:45:27
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211882/2-A
 Matrix: Solid Lab File ID: T004490.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:22
 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.: 212067 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	376		67	15
11096-82-5	Aroclor 1260	361		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\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082 PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0
					RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7
					RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D
 Lims ID: LCS 460-211882/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 12-Mar-2014 00:22:05 ALS Bottle#: 4 Worklist Smp#: 34
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010737-034
 Operator ID: Instrument ID: CPESTGC11
 Method: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\8082GC11.m
 Limit Group: GC 8082A PCB
 Last Update: 12-Mar-2014 11:58:16 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: XAWRK031

First Level Reviewer: patelji Date: 12-Mar-2014 08:45:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene

1	2.331	2.328	0.003	29086240	68.8
2	1.610	1.610	0.0	110999648	61.0
					RPD = 12.00

1 PCB-1016

1	3.065	3.060	0.005	4590963	599.6
1	3.792	3.789	0.003	8638673	550.3
1	4.628	4.621	0.007	17706203	547.9
1	5.703	5.697	0.006	5515168	563.5
1	5.912	5.909	0.003	6217352	548.5
Average of Peak Amounts =					562.0
2	2.035	2.034	0.001	17529718	541.0
2	2.470	2.469	0.001	33753737	568.9
2	3.064	3.061	0.003	67995577	552.4
2	3.255	3.253	0.002	28301612	580.2
2	3.952	3.952	0.0	27101097	580.8
Average of Peak Amounts =					564.7
					RPD = 0.49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	7.965	7.957	0.008	12597064	601.9	
1	8.432	8.423	0.009	14079915	557.0	
1	10.079	10.075	0.004	10909243	570.5	
1	10.394	10.391	0.003	23469697	562.9	
1	11.195	11.198	-0.003	6461233	596.6	M
Average of Peak Amounts =					577.8	
2	5.973	5.972	0.001	38221130	557.4	
2	7.490	7.486	0.004	37786708	537.0	
2	8.125	8.121	0.004	81510245	535.9	
2	8.765	8.760	0.005	41430986	516.3	
2	10.058	10.058	0.0	21278984	561.1	
Average of Peak Amounts =					541.5	
					RPD = 6.48	
\$ 5 DCB Decachlorobiphenyl						M
1	11.625	11.636	-0.011	22153070	68.9	M
2	10.555	10.555	0.0	82159567	67.4	
					RPD = 2.17	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

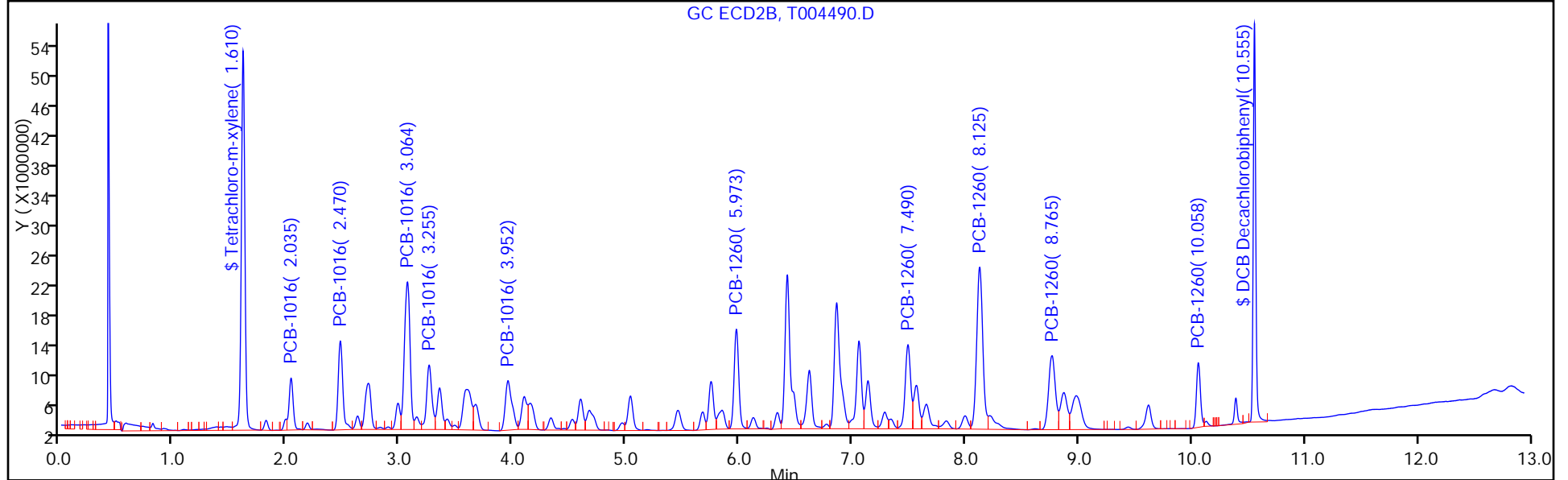
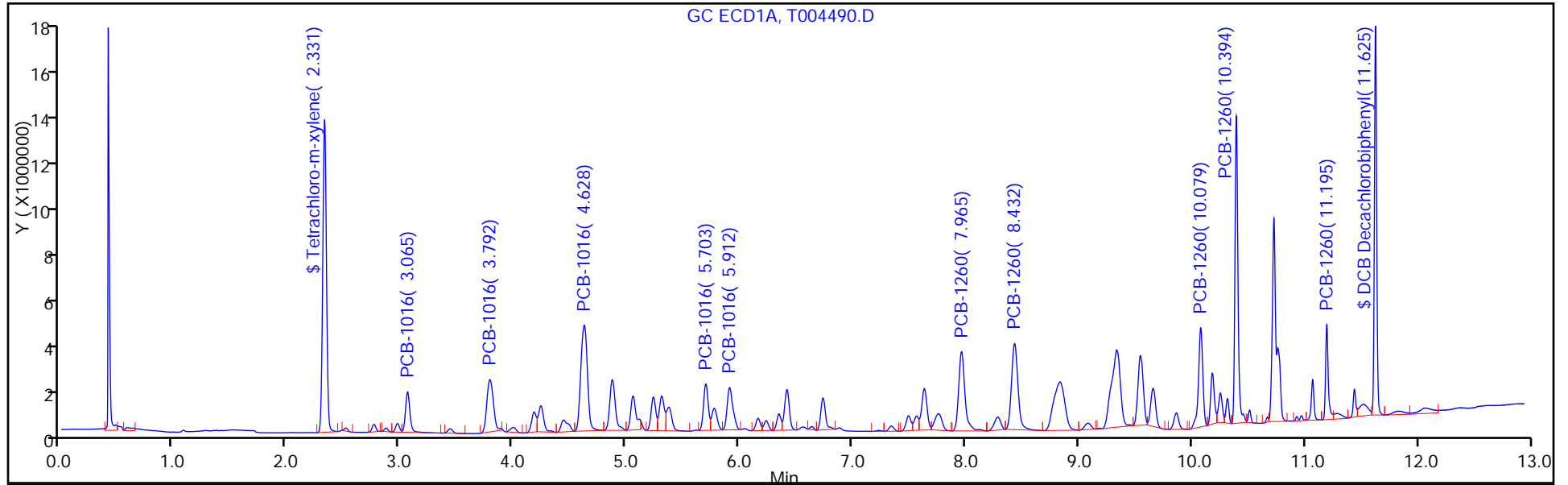
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC11\20140312-10737.b\T004490.D

Injection Date: 12-Mar-2014 00:22:05

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-211882/2-A

Worklist Smp#: 34

Client ID:

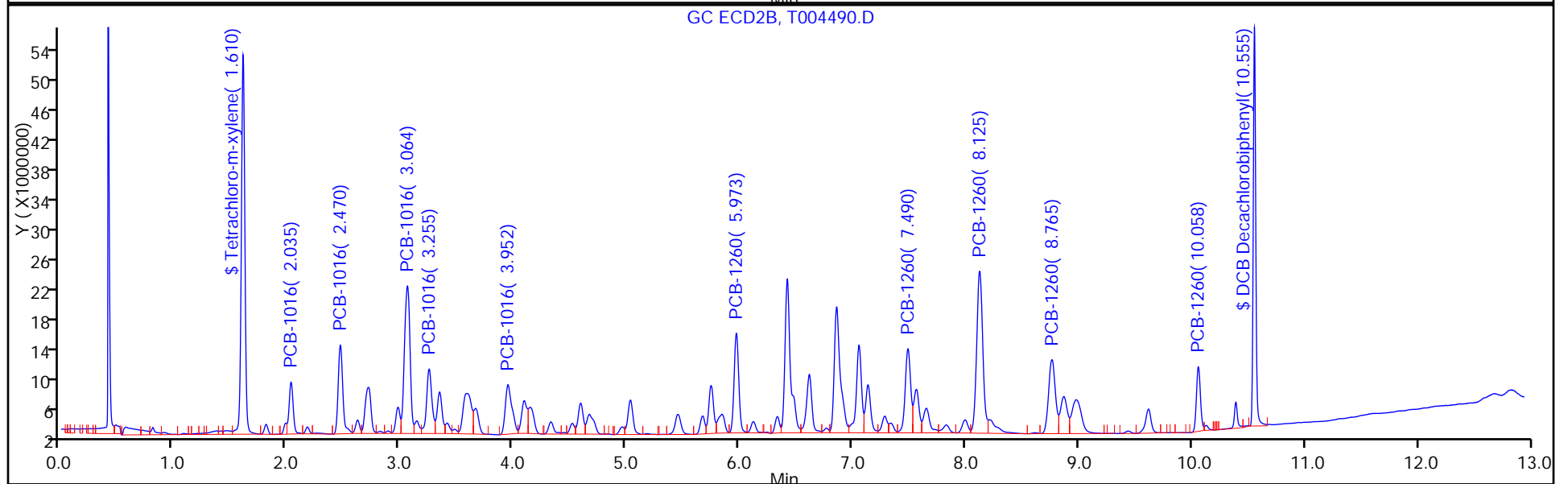
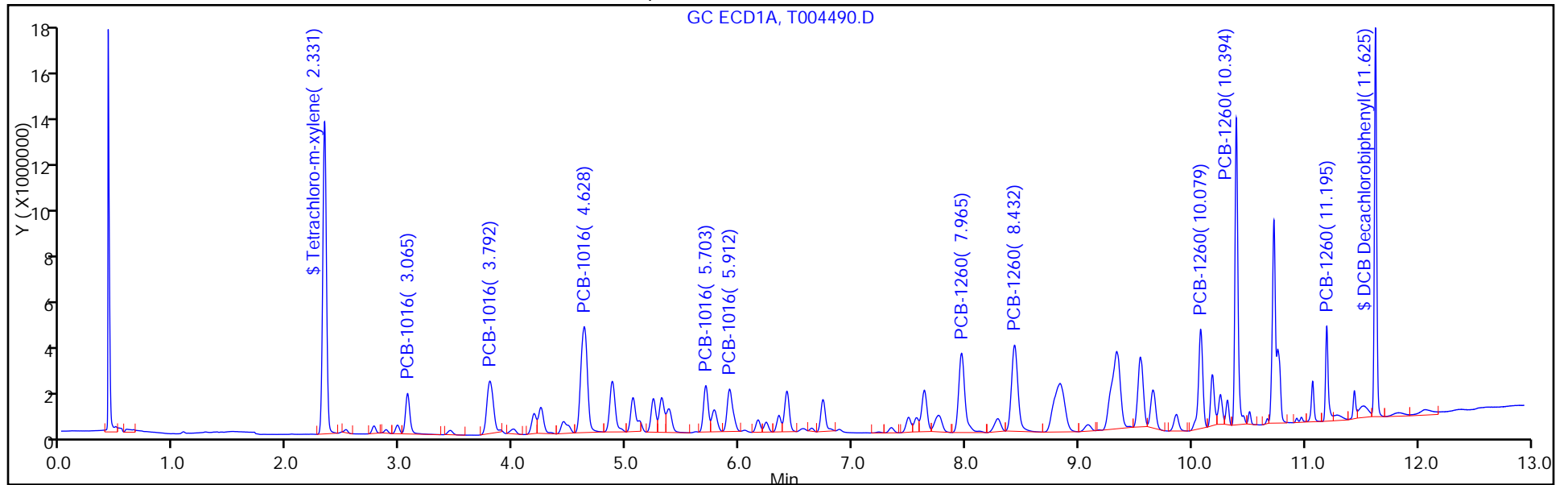
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC11

Limit Group: GC 8082A PCB



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212128/2-A
 Matrix: Solid Lab File ID: OR214435.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/13/2014 00:33
 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.: 212261 Units: ug/Kg

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\20140313-10791.b\OR214435.D
 Lims ID: LCS 460-212128/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Mar-2014 00:33:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010791-004
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 11:17:34 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 10:51:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene						
1	2.512	2.517	-0.005	661310	78.1	M
2	2.052	2.055	-0.003	791476	77.7	M
					RPD = 0.41	
1 PCB-1016						
1	3.037	3.045	-0.008	111558	673.3	M
1	3.507	3.515	-0.008	201469	644.9	M
1	4.047	4.057	-0.010	312339	559.1	M
1	4.805	4.815	-0.010	106485	626.8	M
1	4.965	4.973	-0.008	176641	717.3	M
Average of Peak Amounts =					644.3	
2	2.347	2.352	-0.005	173896	733.9	M
2	2.670	2.677	-0.007	260957	680.2	
2	3.123	3.130	-0.007	522568	648.9	
2	3.265	3.275	-0.010	190727	631.8	M
2	3.703	3.713	-0.010	204337	622.9	M
Average of Peak Amounts =					663.5	
					RPD = 2.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.492	6.505	-0.013	252506	643.7	M
1	6.833	6.845	-0.012	283635	619.7	M
1	8.378	8.400	-0.022	218356	606.5	M
1	8.932	8.942	-0.010	454805	604.3	M
1	10.142	10.143	-0.001	129781	658.6	M
Average of Peak Amounts =					626.6	
2	5.117	5.130	-0.013	314236	663.8	M
2	6.277	6.290	-0.013	268289	686.0	M
2	6.753	6.768	-0.015	745851	692.6	
2	7.242	7.258	-0.016	217928	522.7	
2	8.615	8.633	-0.018	249805	730.3	
Average of Peak Amounts =					659.1	
					RPD = 5.06	
\$ 5 DCB Decachlorobiphenyl						
1	10.657	10.655	0.002	455087	85.1	
2	9.372	9.387	-0.015	756812	90.8	
					RPD = 6.50	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D

Injection Date: 13-Mar-2014 00:33:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCS 460-212128/2-A

Worklist Smp#: 4

Client ID:

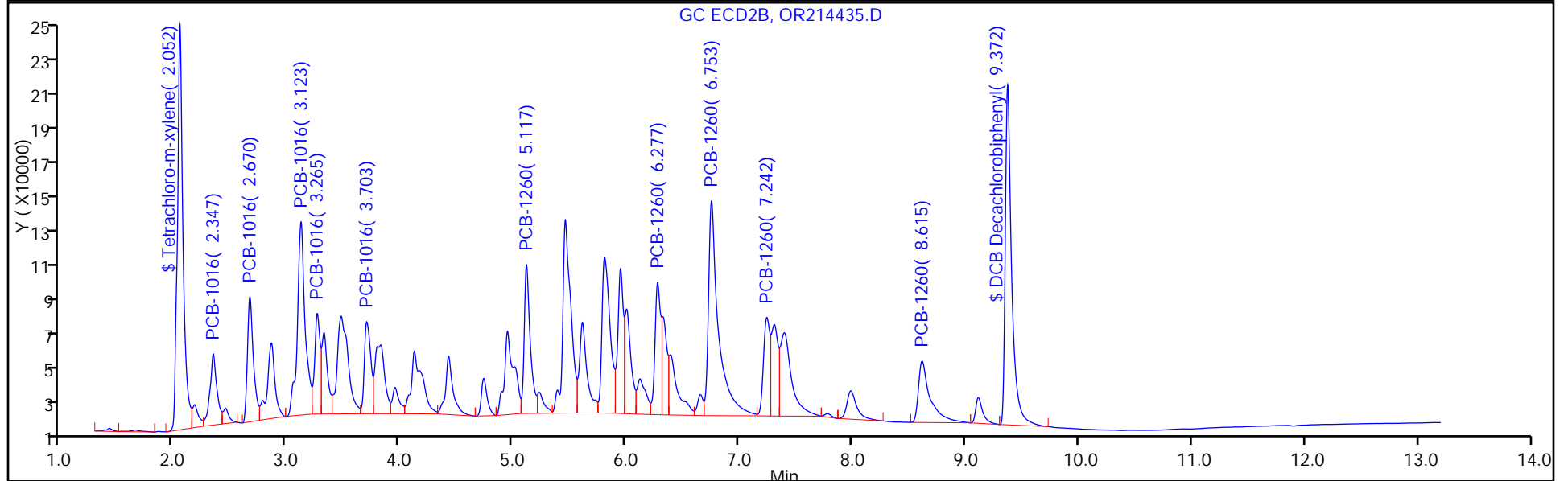
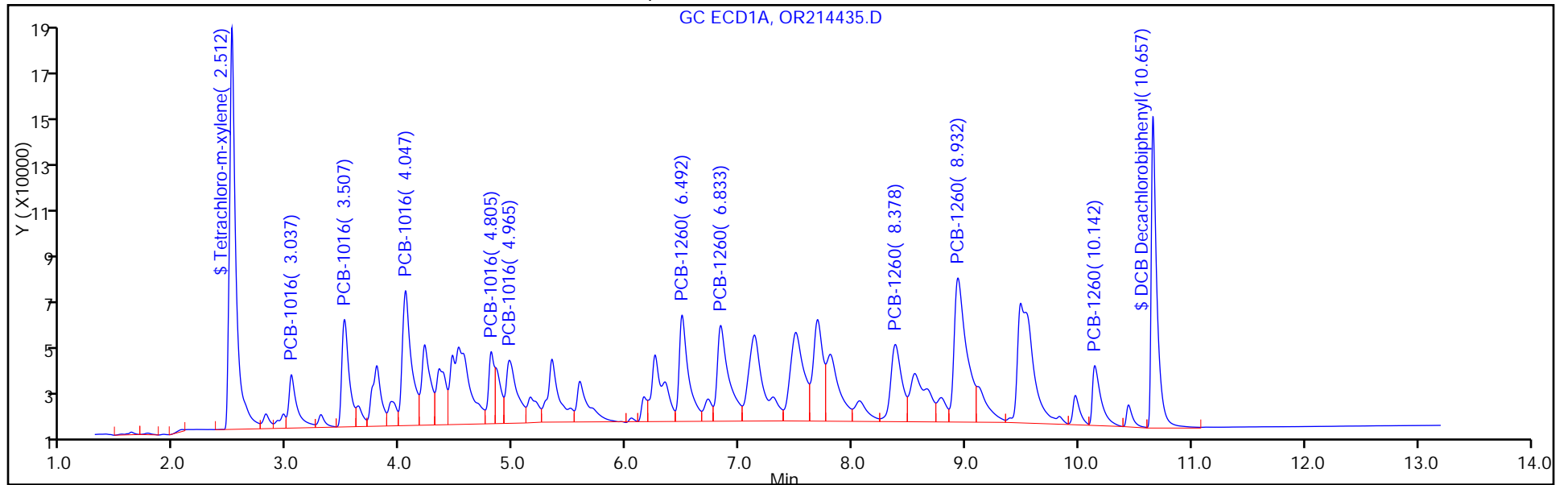
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC7

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D

Injection Date: 13-Mar-2014 00:33:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-212128/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

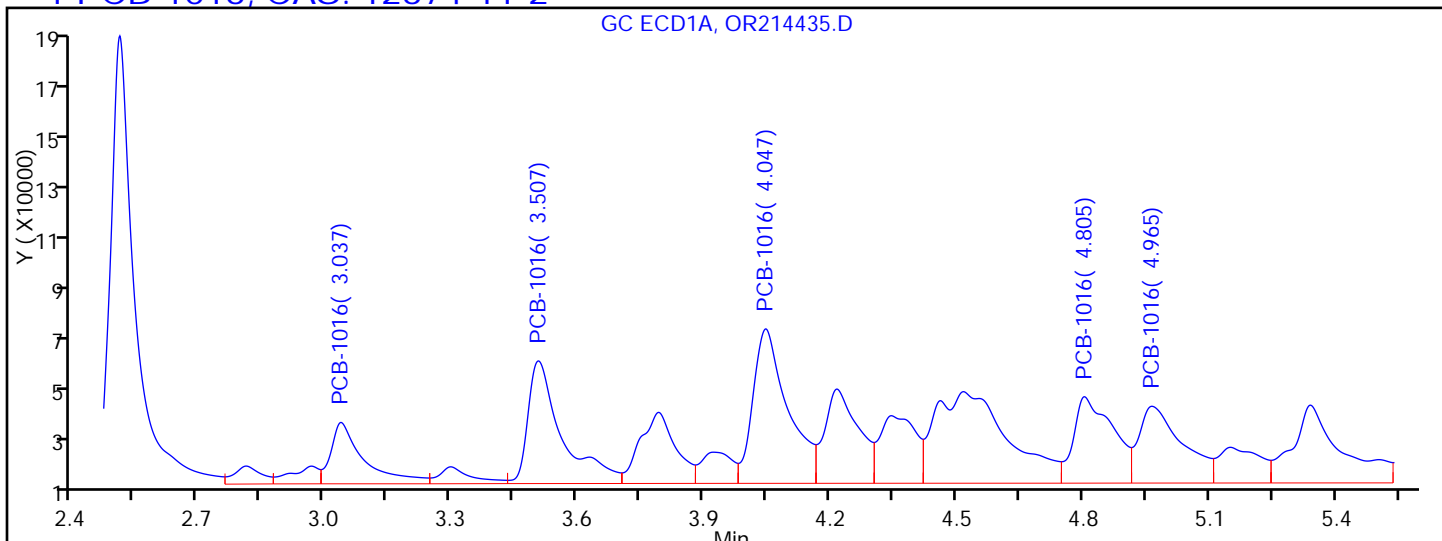
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

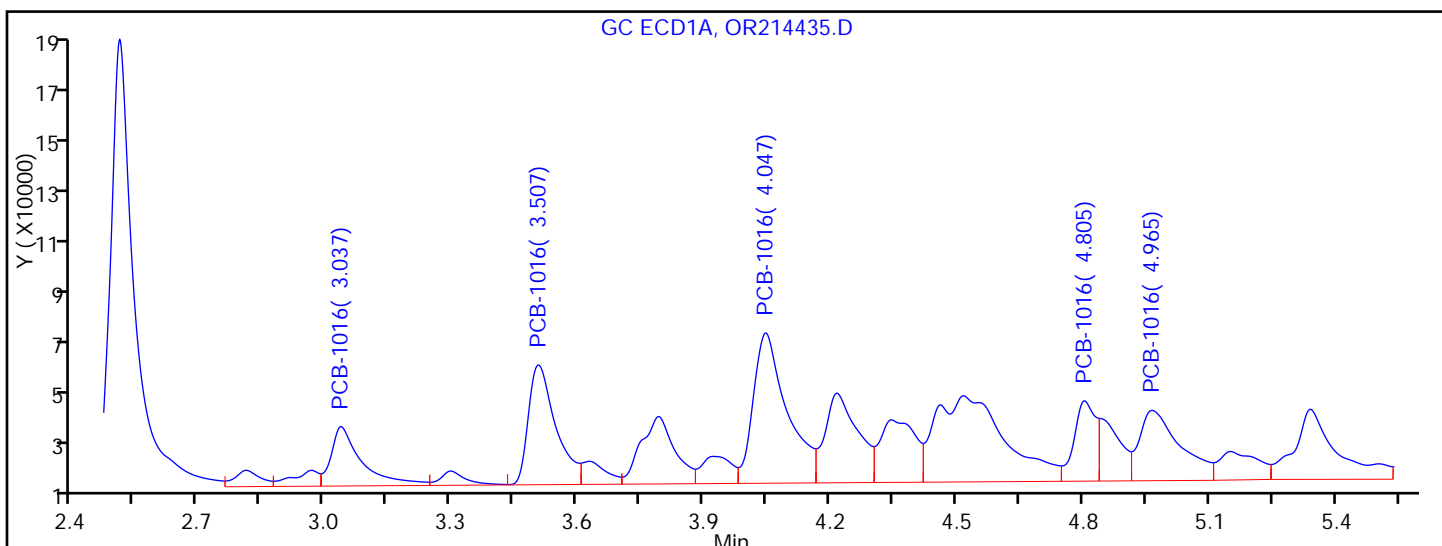
Detector: GC ECD1A

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.037	Response = 124408	M
RT = 3.507	Response = 254673	M
RT = 4.047	Response = 330465	M
RT = 4.805	Response = 208978	M
RT = 4.965	Response = 205686	M



Manual Integration Results

RT = 3.037	Response = 111558	M
RT = 3.507	Response = 201469	M
RT = 4.047	Response = 312339	M
RT = 4.805	Response = 106485	M
RT = 4.965	Response = 176641	M

Reviewer: patelji, 13-Mar-2014 10:51:21

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D

Injection Date: 13-Mar-2014 00:33:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-212128/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

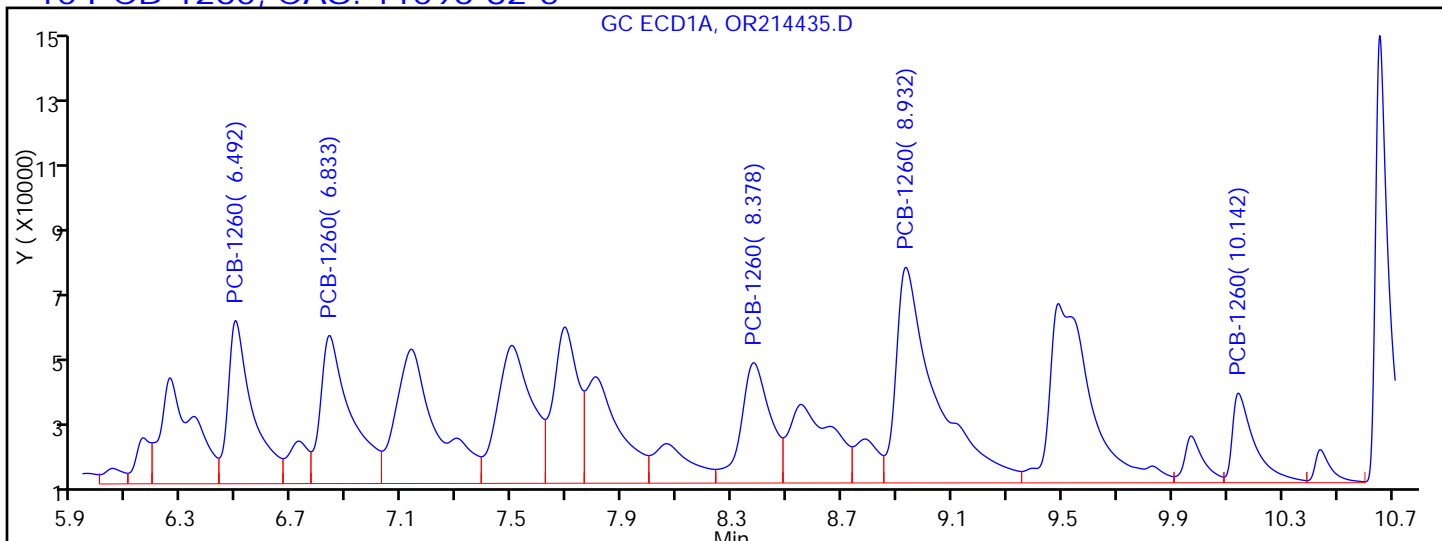
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

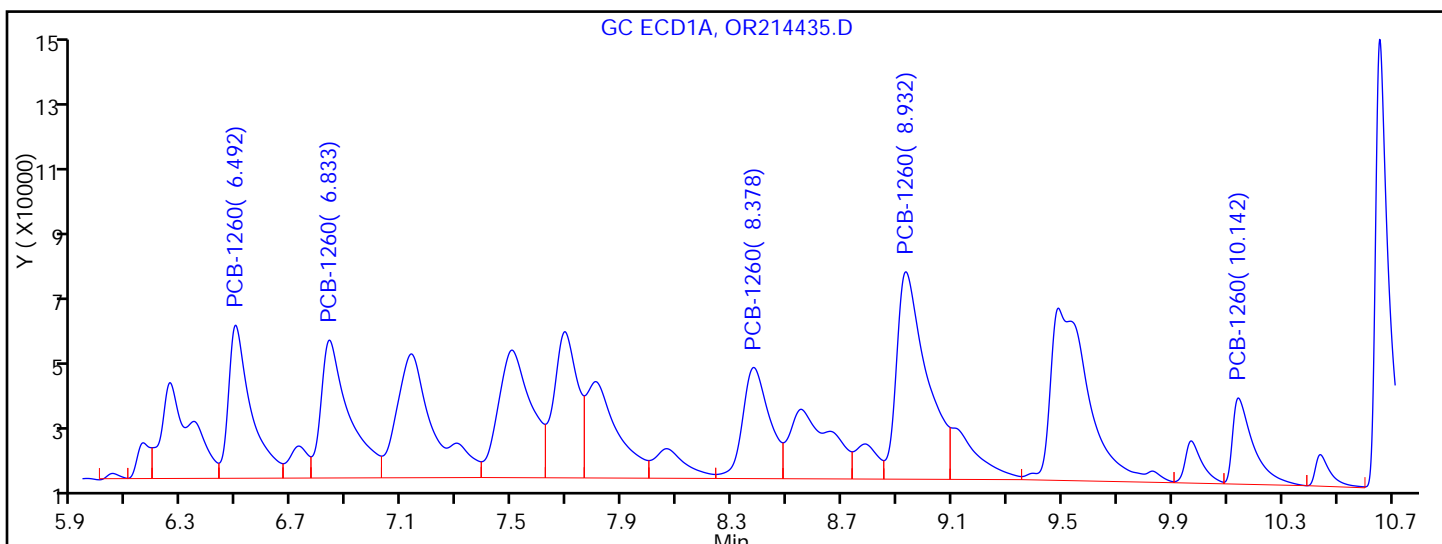
Detector GC ECD1A

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.492	Response = 295059	M
RT = 6.833	Response = 331051	M
RT = 8.378	Response = 258744	M
RT = 8.932	Response = 630358	M
RT = 10.142	Response = 145583	M



Manual Integration Results

RT = 6.492	Response = 252506	M
RT = 6.833	Response = 283635	M
RT = 8.378	Response = 218356	M
RT = 8.932	Response = 454805	M
RT = 10.142	Response = 129781	M

Reviewer: patelji, 13-Mar-2014 10:51:21

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-212128/2-A
 Matrix: Solid Lab File ID: OR214435.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 00:33
 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.: 212261 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	442		67	15
11096-82-5	Aroclor 1260	439		67	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		45-138

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D
 Lims ID: LCS 460-212128/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Mar-2014 00:33:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010791-004
 Operator ID: Instrument ID: CPESTGC7
 Method: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\8082GC7.m
 Limit Group: GC 8082 PCB
 Last Update: 13-Mar-2014 11:17:34 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: XAWRK008

First Level Reviewer: patelji Date: 13-Mar-2014 10:51:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
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\$ 12 Tetrachloro-m-xylene						
1	2.512	2.517	-0.005	661310	78.1	M
2	2.052	2.055	-0.003	791476	77.7	M
					RPD = 0.41	
1 PCB-1016						
1	3.037	3.045	-0.008	111558	673.3	M
1	3.507	3.515	-0.008	201469	644.9	M
1	4.047	4.057	-0.010	312339	559.1	M
1	4.805	4.815	-0.010	106485	626.8	M
1	4.965	4.973	-0.008	176641	717.3	M
Average of Peak Amounts =					644.3	
2	2.347	2.352	-0.005	173896	733.9	M
2	2.670	2.677	-0.007	260957	680.2	
2	3.123	3.130	-0.007	522568	648.9	
2	3.265	3.275	-0.010	190727	631.8	M
2	3.703	3.713	-0.010	204337	622.9	M
Average of Peak Amounts =					663.5	
					RPD = 2.95	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/l	Flags
10 PCB-1260						M
1	6.492	6.505	-0.013	252506	643.7	M
1	6.833	6.845	-0.012	283635	619.7	M
1	8.378	8.400	-0.022	218356	606.5	M
1	8.932	8.942	-0.010	454805	604.3	M
1	10.142	10.143	-0.001	129781	658.6	M
Average of Peak Amounts =					626.6	
2	5.117	5.130	-0.013	314236	663.8	M
2	6.277	6.290	-0.013	268289	686.0	M
2	6.753	6.768	-0.015	745851	692.6	
2	7.242	7.258	-0.016	217928	522.7	
2	8.615	8.633	-0.018	249805	730.3	
Average of Peak Amounts =					659.1	
					RPD = 5.06	
\$ 5 DCB Decachlorobiphenyl						
1	10.657	10.655	0.002	455087	85.1	
2	9.372	9.387	-0.015	756812	90.8	
					RPD = 6.50	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D

Injection Date: 13-Mar-2014 00:33:30

Instrument ID: CPESTGC7

Operator ID:

Lims ID: LCS 460-212128/2-A

Worklist Smp#: 4

Client ID:

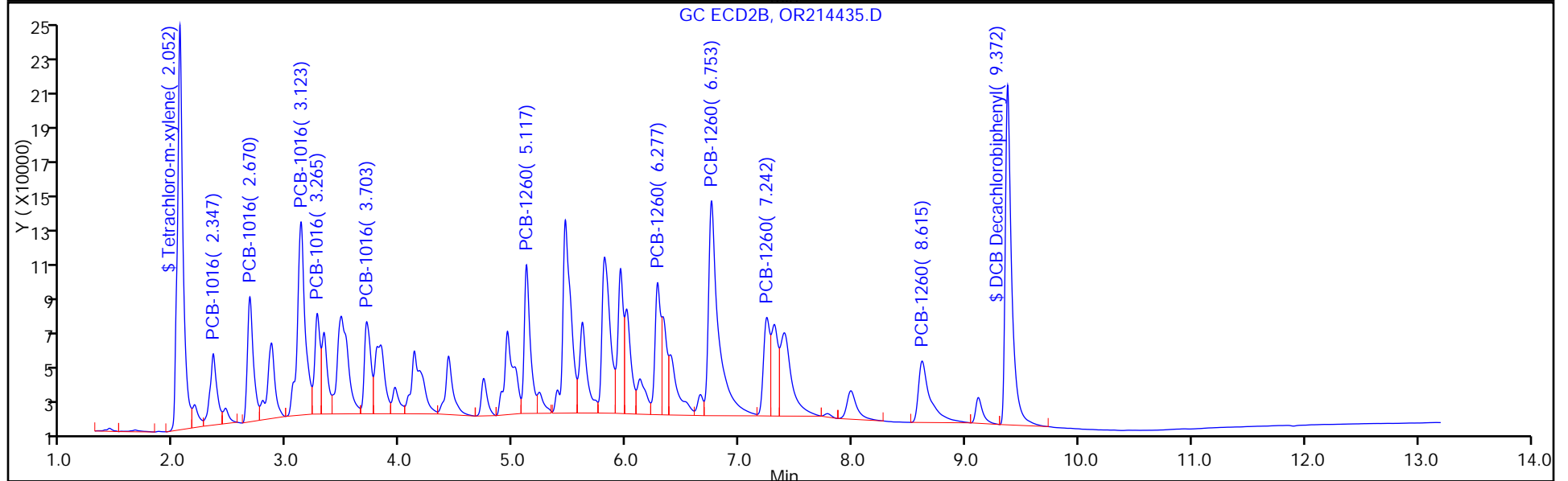
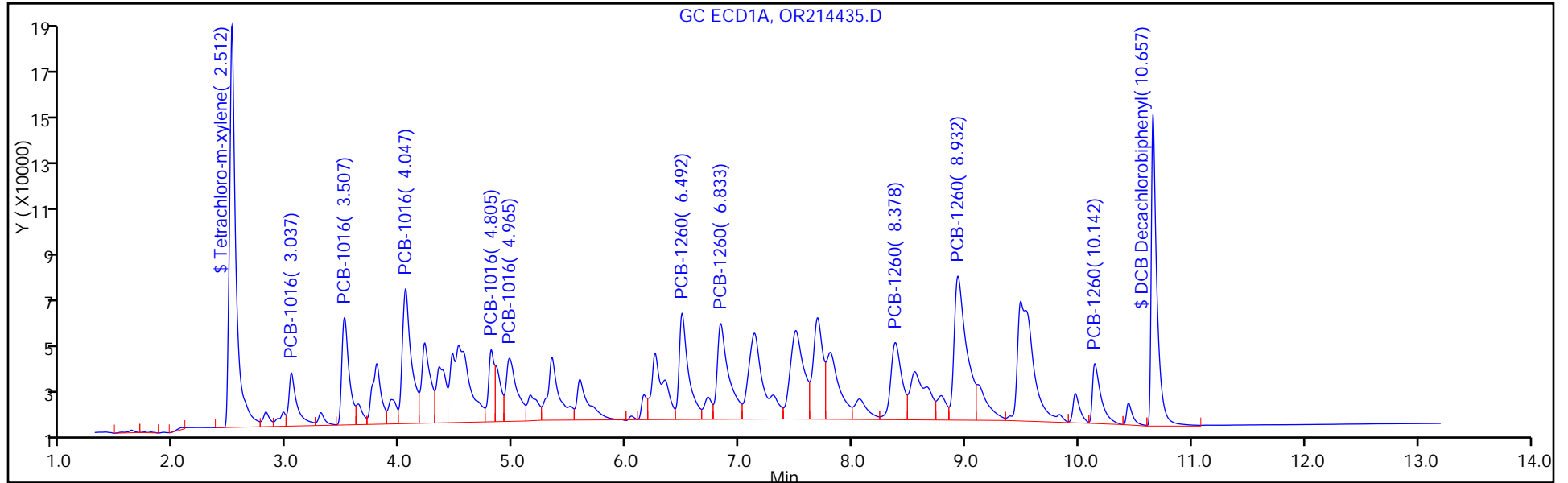
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082GC7

Limit Group: GC 8082 PCB



TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D

Injection Date: 13-Mar-2014 00:33:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-212128/2-A

Client ID:

Operator ID:

ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

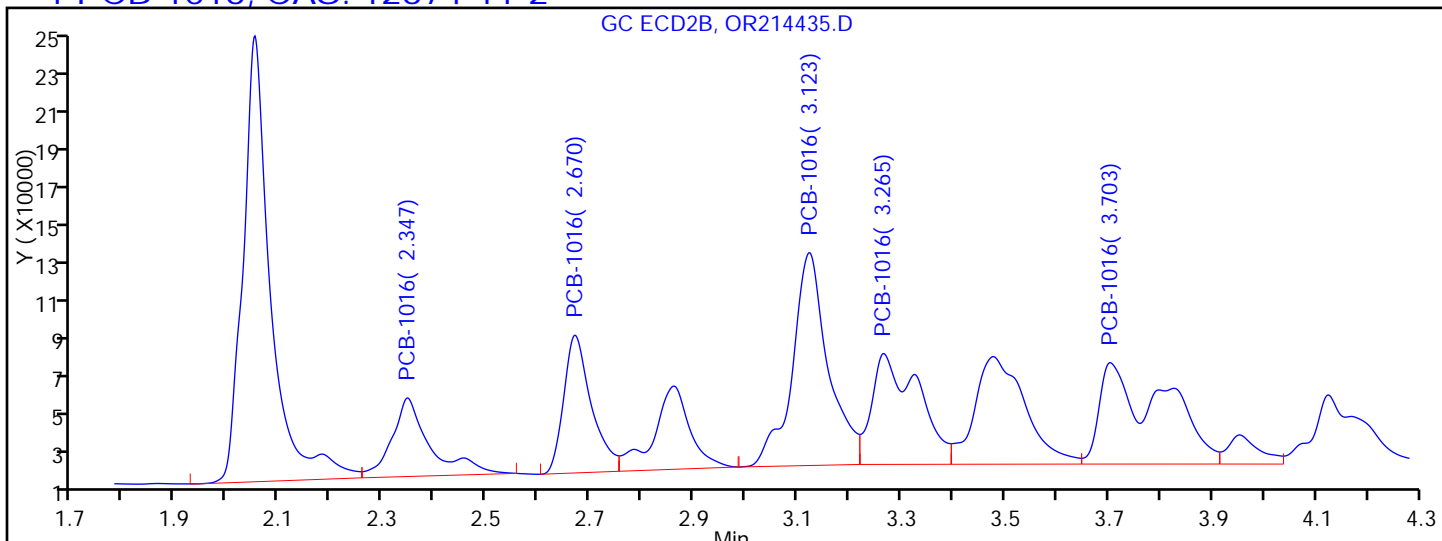
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

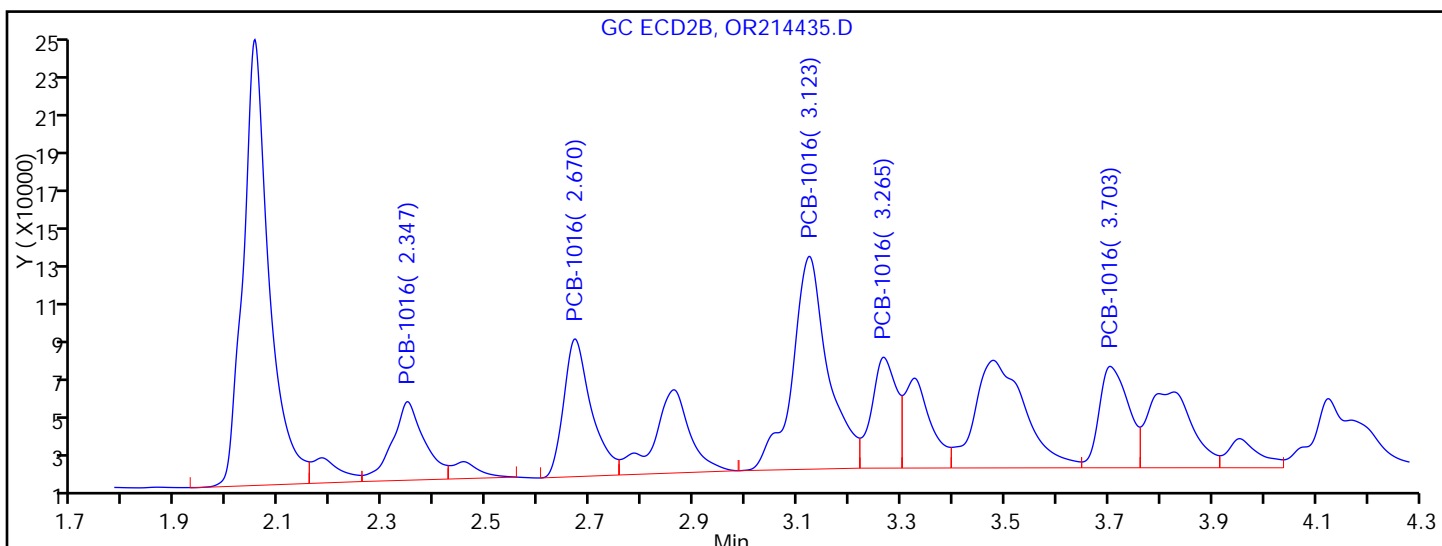
Detector GC ECD2B

1 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.347	Response = 205051	M
RT = 2.670	Response = 260957	
RT = 3.123	Response = 522568	
RT = 3.265	Response = 351578	M
RT = 3.703	Response = 437871	M



Manual Integration Results

RT = 2.347	Response = 173896	M
RT = 2.670	Response = 260957	
RT = 3.123	Response = 522568	
RT = 3.265	Response = 190727	M
RT = 3.703	Response = 204337	M

Reviewer: patelji, 13-Mar-2014 10:51:21

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC7\20140313-10791.b\OR214435.D

Injection Date: 13-Mar-2014 00:33:30

Instrument ID: CPESTGC7

Lims ID: LCS 460-212128/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

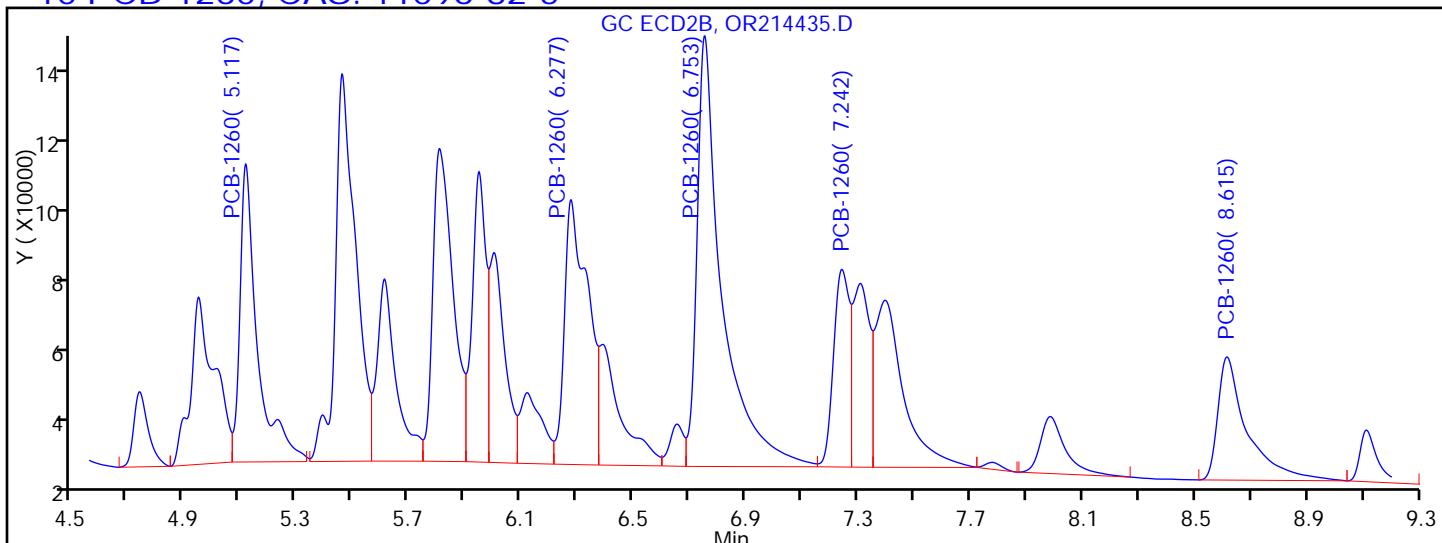
Method: 8082GC7

Limit Group: GC 8082 PCB

Column:

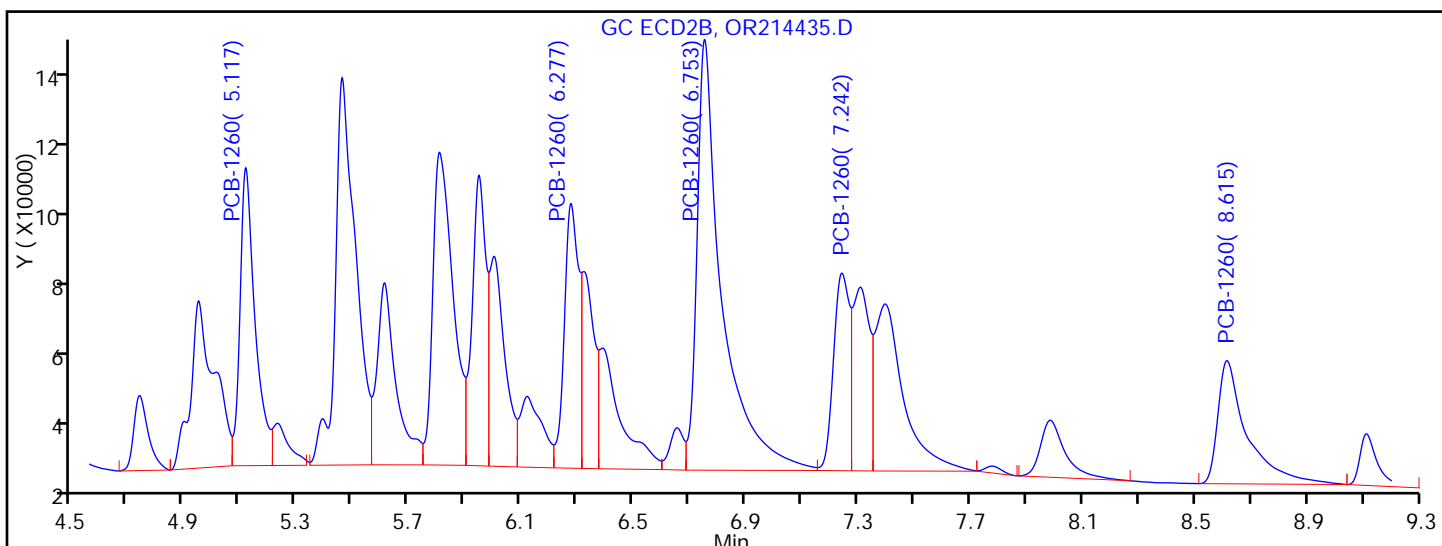
Detector: GC ECD2B

10 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.117	Response = 360015	M
RT = 6.277	Response = 430987	M
RT = 6.753	Response = 745851	
RT = 7.242	Response = 217928	
RT = 8.615	Response = 249805	



Manual Integration Results

RT = 5.117	Response = 314236	M
RT = 6.277	Response = 268289	M
RT = 6.753	Response = 745851	
RT = 7.242	Response = 217928	
RT = 8.615	Response = 249805	

Reviewer: patelji, 13-Mar-2014 10:51:21

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
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\$ 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

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

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

Operator ID:

Worklist Smp#: 48

Client ID:

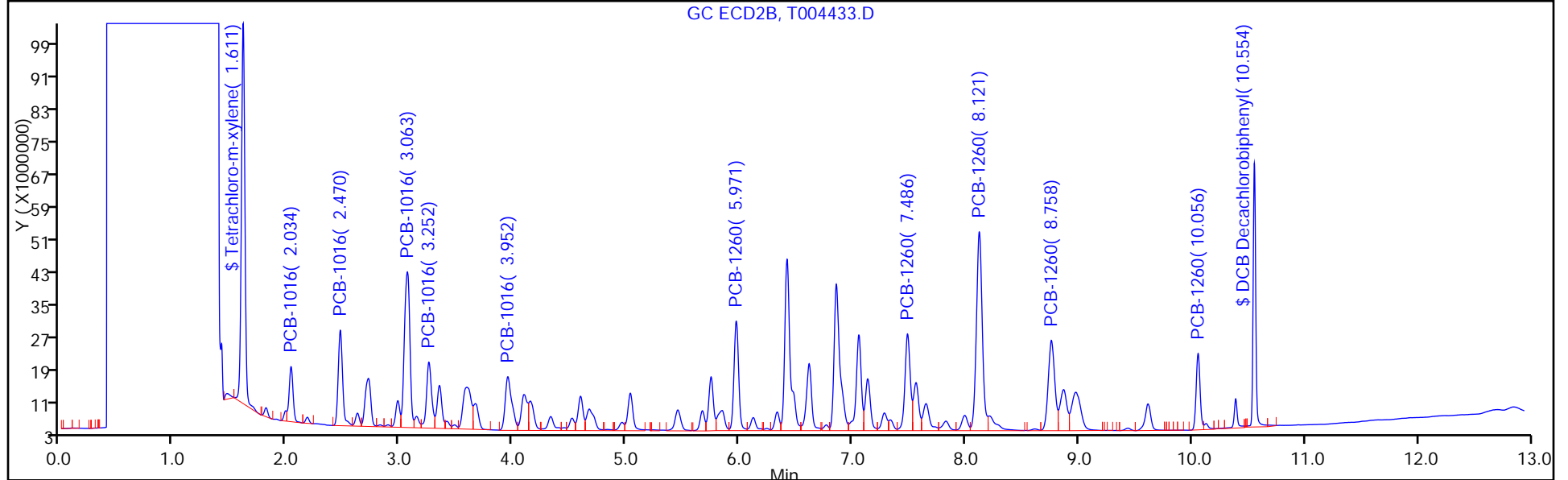
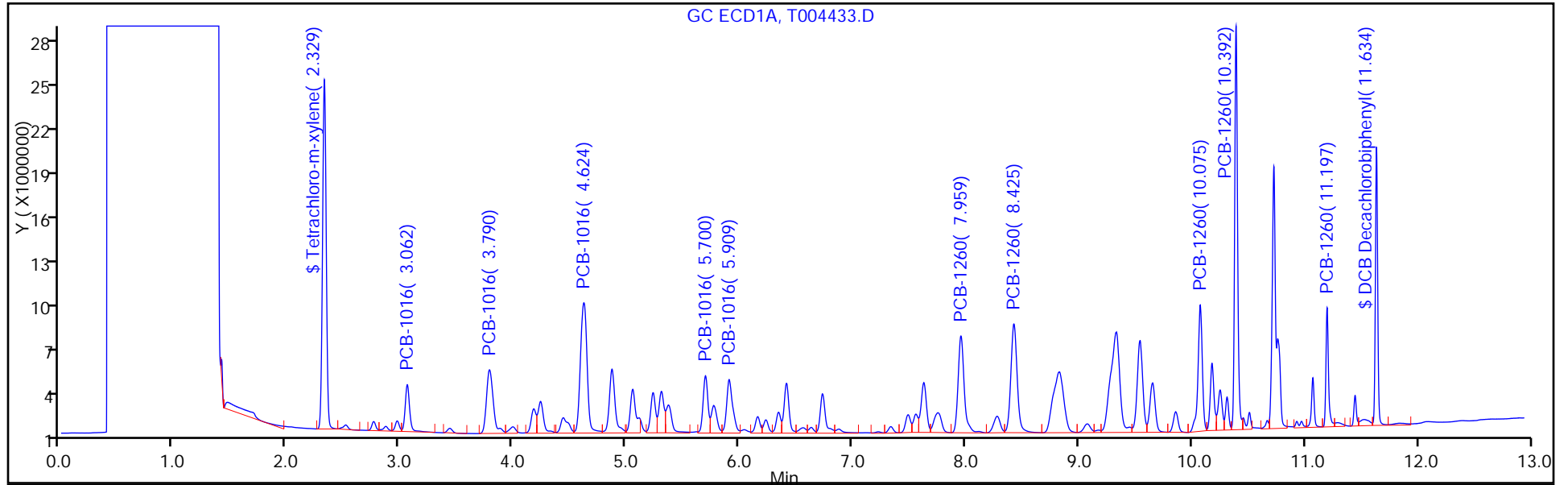
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 48

Method: 8082GC11

Limit Group: GC 8082 PCB



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:

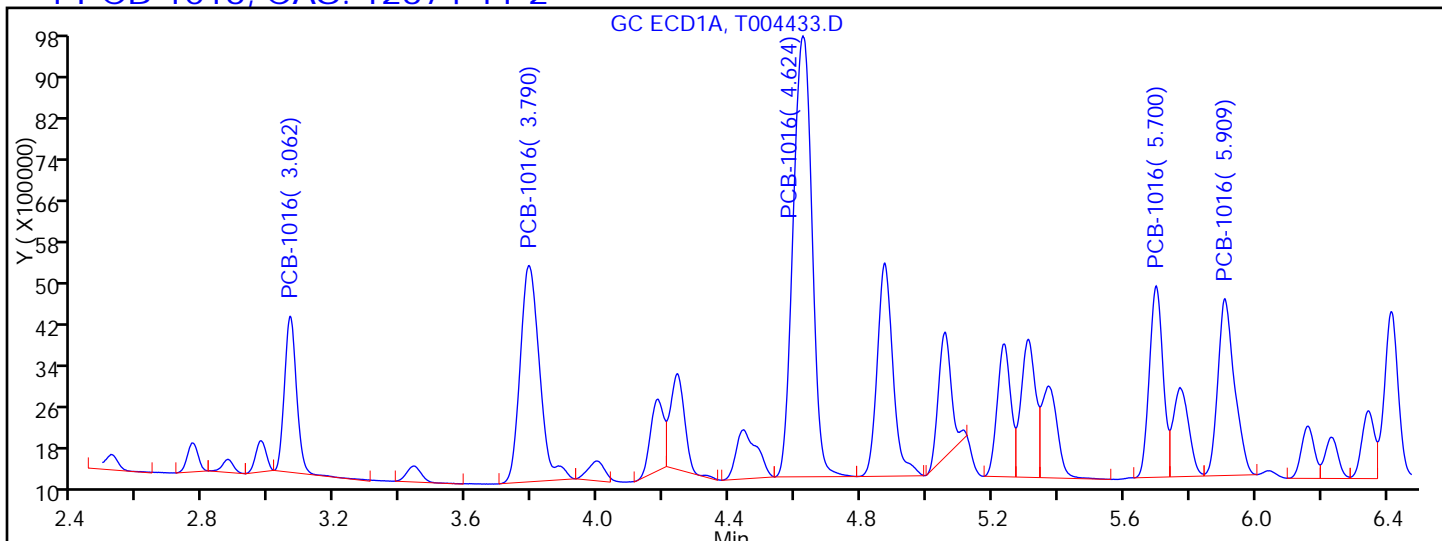
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

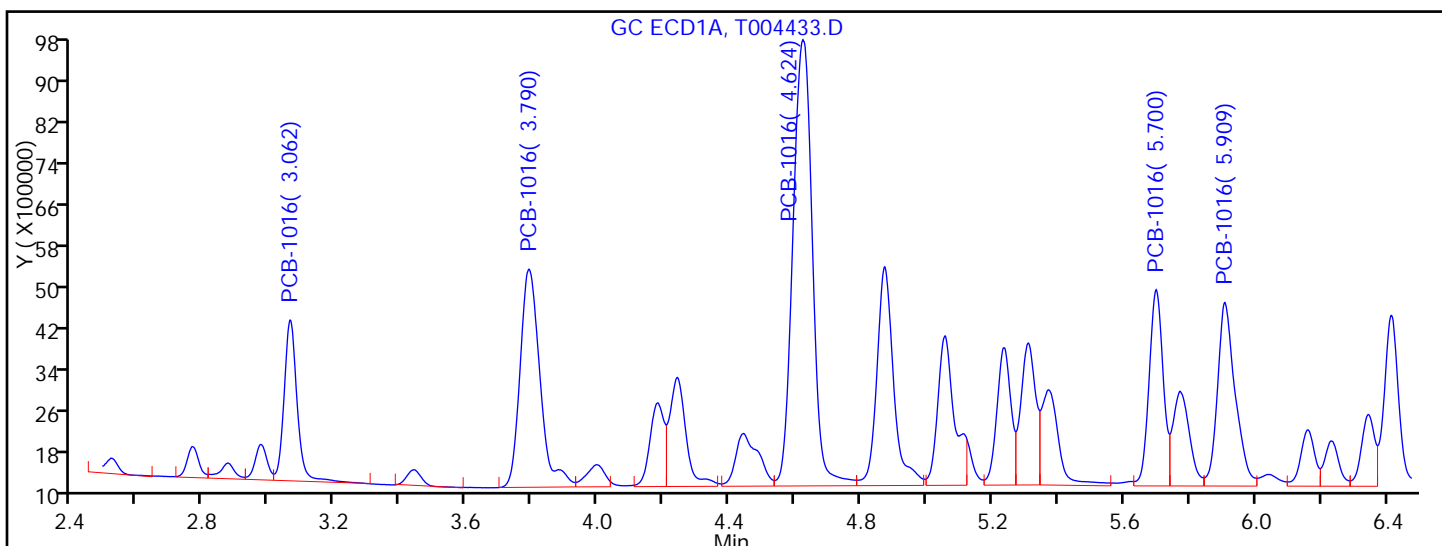
Column: Detector GC ECD1A

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

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:

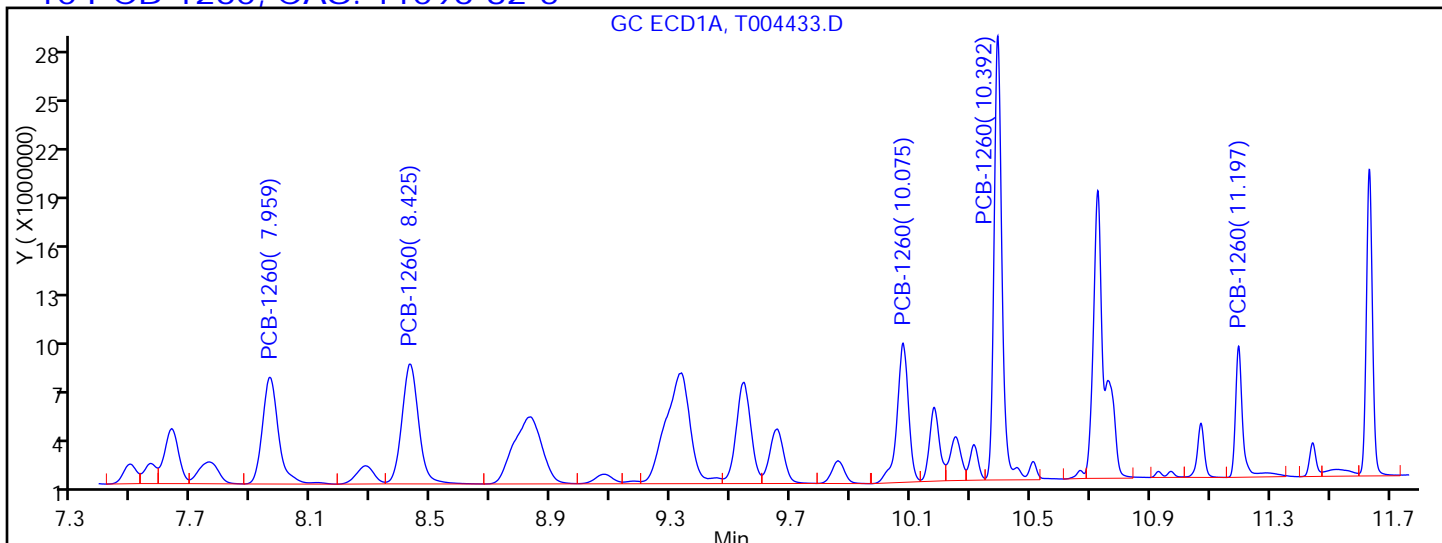
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

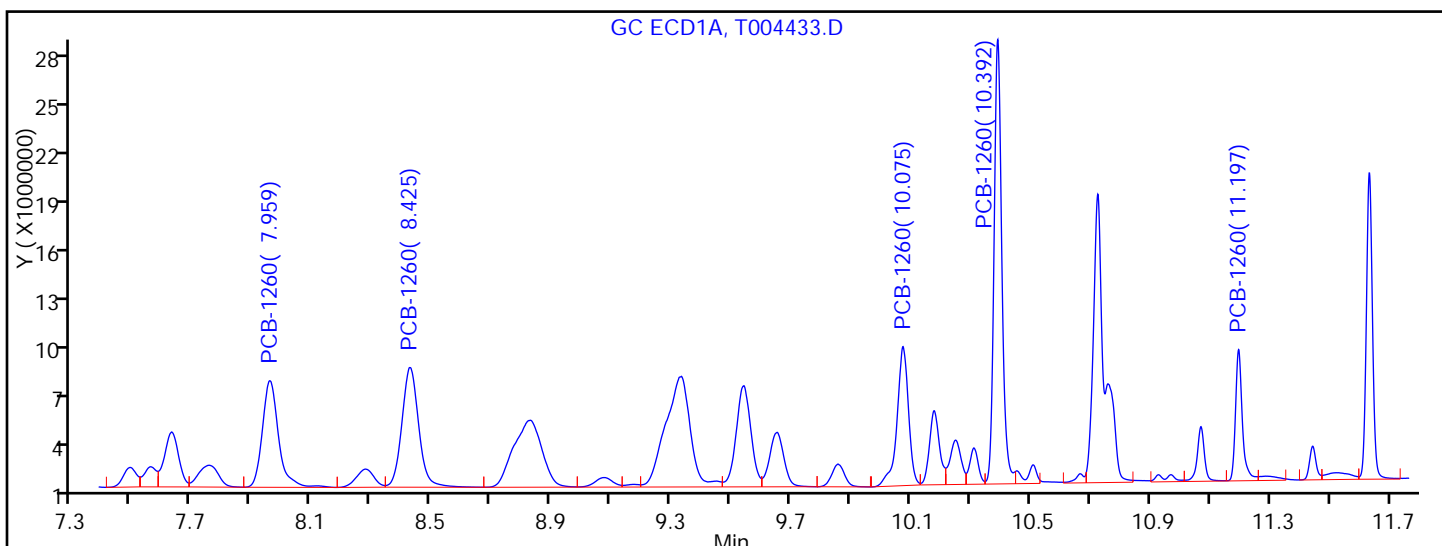
Column: Detector GC ECD1A

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.: 460-72180-1
 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
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\$ 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

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

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

Operator ID:

Worklist Smp#: 48

Client ID:

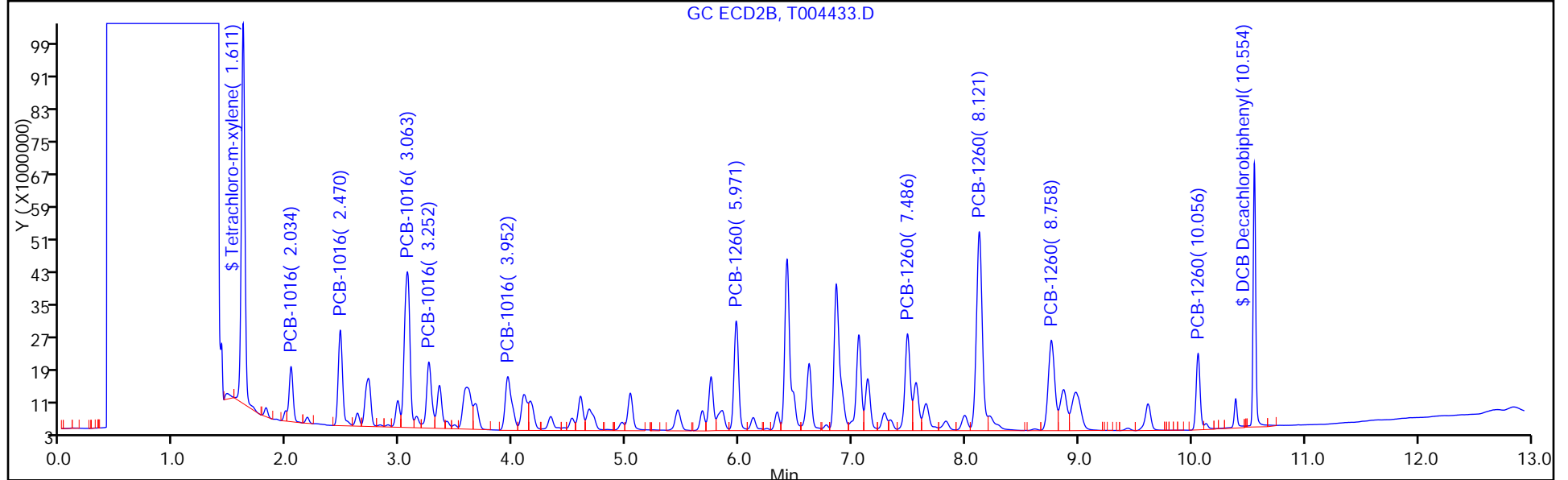
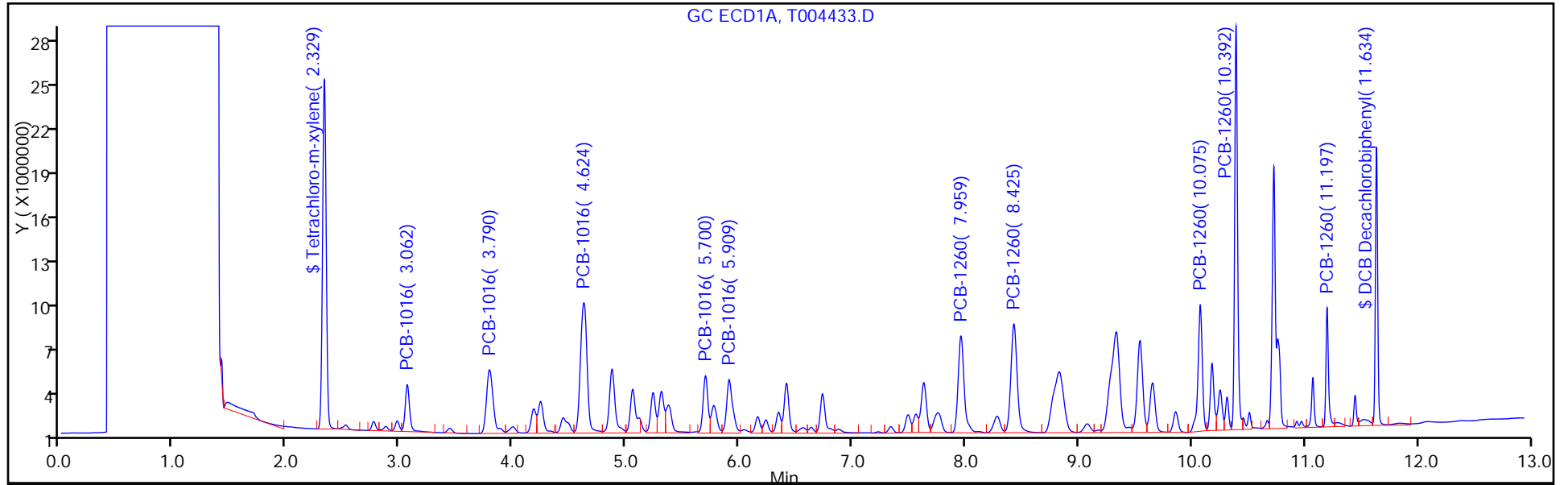
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 48

Method: 8082GC11

Limit Group: GC 8082 PCB



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:

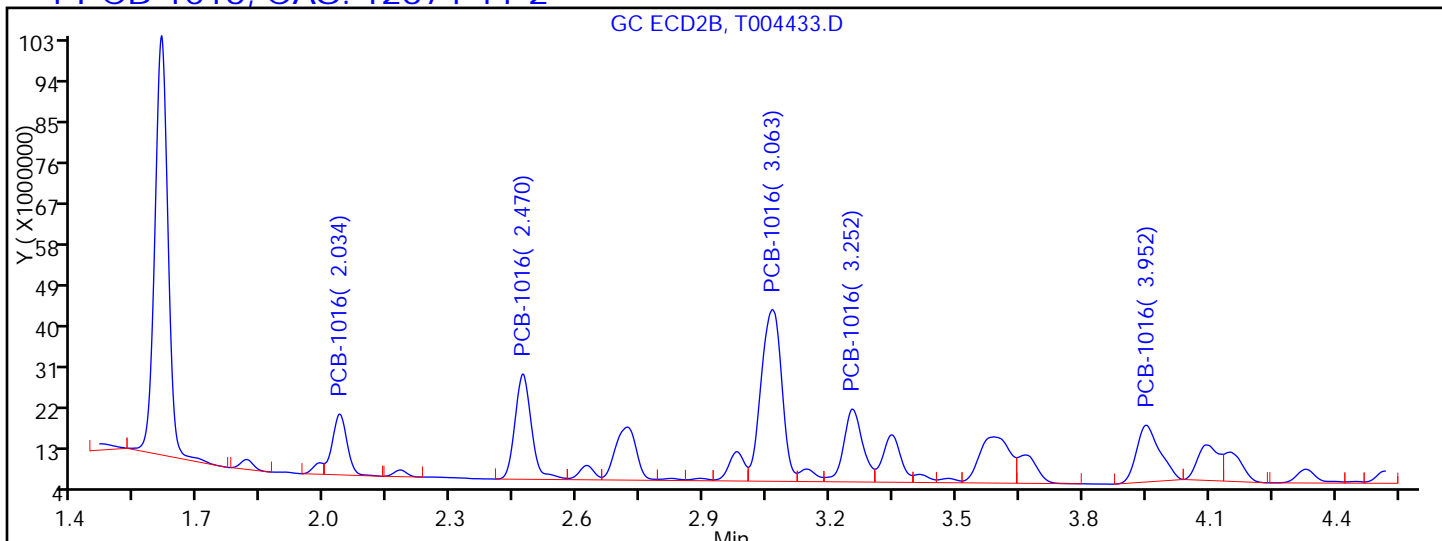
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

Column: Detector GC ECD2B

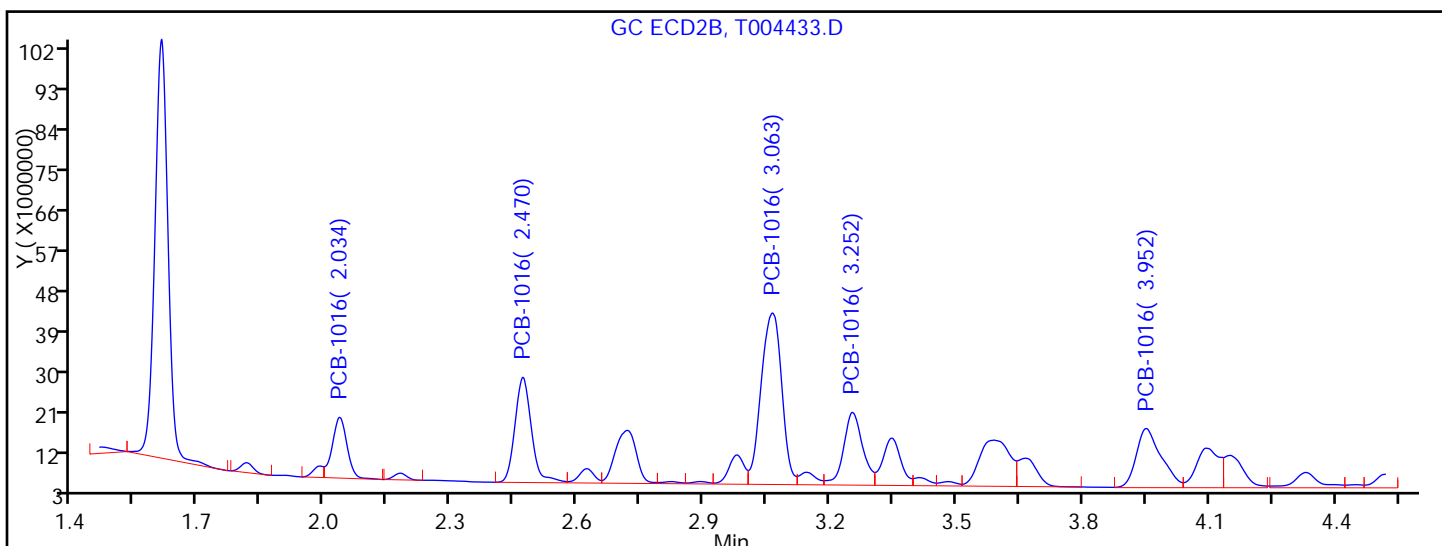
1 PCB-1016, CAS: 12674-11-2



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

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:

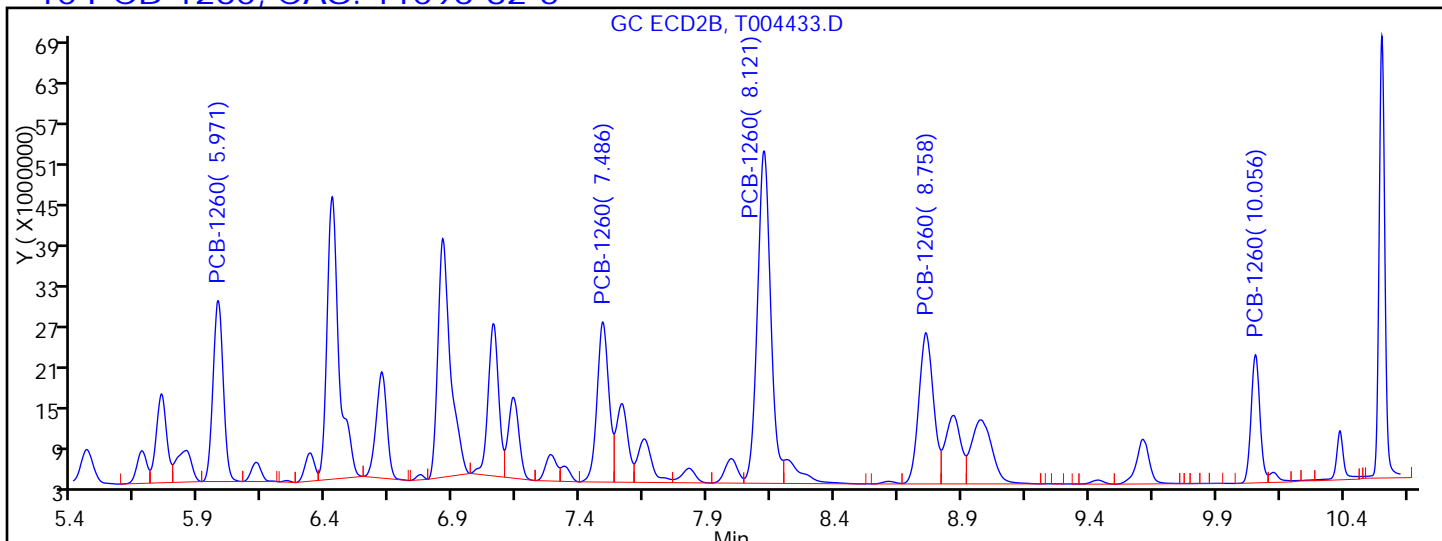
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC11 Limit Group: GC 8082 PCB

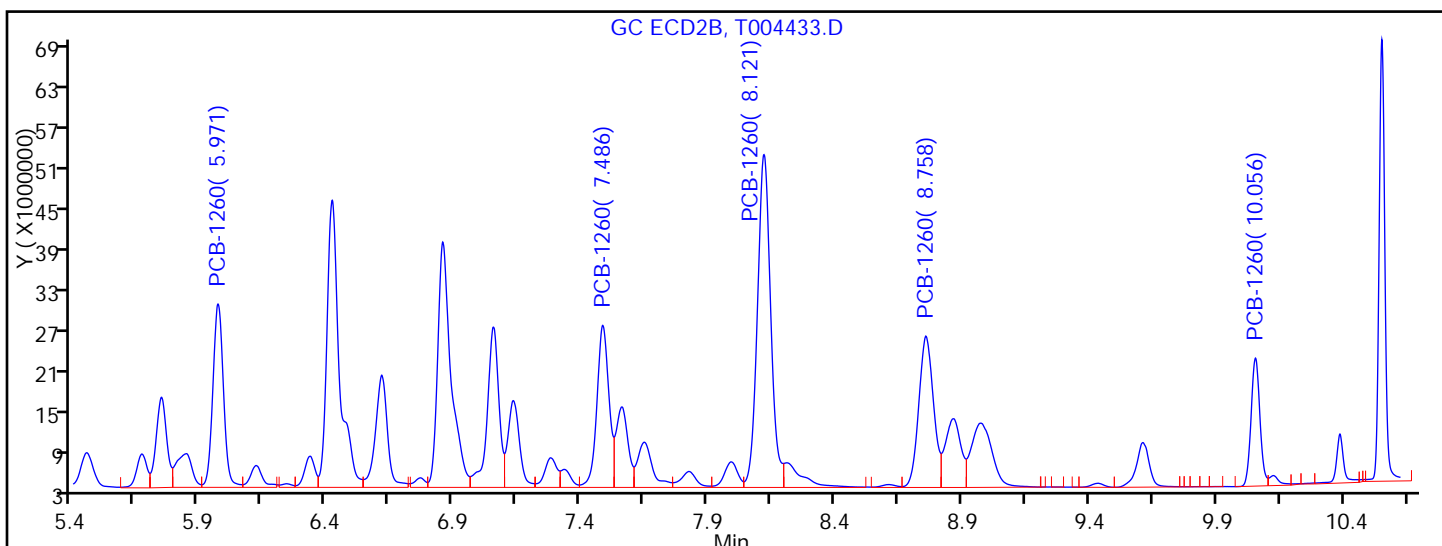
Column: Detector GC ECD2B

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD MS Lab Sample ID: 460-72180-2 MS
 Matrix: Solid Lab File ID: OR214386.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 00:30
 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.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	359		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	337		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	122		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD MS Lab Sample ID: 460-72180-2 MS
 Matrix: Solid Lab File ID: OR214386.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 00:30
 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.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	382		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	130		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 MS Lab Sample ID: 460-72180-24 MS
 Matrix: Solid Lab File ID: T004523.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:50
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212092 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	720	160
11104-28-2	Aroclor 1221	160	U	720	160
11141-16-5	Aroclor 1232	160	U	720	160
53469-21-9	Aroclor 1242	160	U	720	160
12672-29-6	Aroclor 1248	160	U	720	160
11097-69-1	Aroclor 1254	200	U	720	200
11096-82-5	Aroclor 1260	200	U	720	200
37324-23-5	Aroclor 1262	200	U	720	200
11100-14-4	Aroclor 1268	200	U	720	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 MS Lab Sample ID: 460-72180-24 MS
 Matrix: Solid Lab File ID: T004523.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.02(g) Date Analyzed: 03/12/2014 10:50
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212092 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	720	160
11104-28-2	Aroclor 1221	160	U	720	160
11141-16-5	Aroclor 1232	160	U	720	160
53469-21-9	Aroclor 1242	160	U	720	160
12672-29-6	Aroclor 1248	160	U	720	160
11097-69-1	Aroclor 1254	200	U	720	200
11096-82-5	Aroclor 1260	200	U	720	200
37324-23-5	Aroclor 1262	200	U	720	200
11100-14-4	Aroclor 1268	200	U	720	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 MS Lab Sample ID: 460-72180-26 MS
 Matrix: Solid Lab File ID: T004563.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 08:38
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
12672-29-6	Aroclor 1248	160	U	710	160
11097-69-1	Aroclor 1254	200	U	710	200
11096-82-5	Aroclor 1260	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 MS Lab Sample ID: 460-72180-26 MS
 Matrix: Solid Lab File ID: T004563.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 08:38
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
12672-29-6	Aroclor 1248	160	U	710	160
11097-69-1	Aroclor 1254	200	U	710	200
11096-82-5	Aroclor 1260	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD MSD Lab Sample ID: 460-72180-2 MSD
 Matrix: Solid Lab File ID: OR214387.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/12/2014 00:47
 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.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	348		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	125		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD MSD Lab Sample ID: 460-72180-2 MSD
 Matrix: Solid Lab File ID: OR214387.D
 Analysis Method: 8082 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:21
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 00:47
 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.: 211991 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	393		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	317		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	136		45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 MSD Lab Sample ID: 460-72180-24 MSD
 Matrix: Solid Lab File ID: T004524.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/12/2014 11:09
 Con. Extract Vol.: 10 (mL) Dilution Factor: 10
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212092 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	720	160
11104-28-2	Aroclor 1221	160	U	720	160
11141-16-5	Aroclor 1232	160	U	720	160
53469-21-9	Aroclor 1242	160	U	720	160
12672-29-6	Aroclor 1248	160	U	720	160
11097-69-1	Aroclor 1254	200	U	720	200
11096-82-5	Aroclor 1260	200	U	720	200
37324-23-5	Aroclor 1262	200	U	720	200
11100-14-4	Aroclor 1268	200	U	720	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 MSD Lab Sample ID: 460-72180-24 MSD
 Matrix: Solid Lab File ID: T004524.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/11/2014 12:24
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 11:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212092 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	720	160
11104-28-2	Aroclor 1221	160	U	720	160
11141-16-5	Aroclor 1232	160	U	720	160
53469-21-9	Aroclor 1242	160	U	720	160
12672-29-6	Aroclor 1248	160	U	720	160
11097-69-1	Aroclor 1254	200	U	720	200
11096-82-5	Aroclor 1260	200	U	720	200
37324-23-5	Aroclor 1262	200	U	720	200
11100-14-4	Aroclor 1268	200	U	720	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 MSD Lab Sample ID: 460-72180-26 MSD
 Matrix: Solid Lab File ID: T004564.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 08:57
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
12672-29-6	Aroclor 1248	160	U	710	160
11097-69-1	Aroclor 1254	200	U	710	200
11096-82-5	Aroclor 1260	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 MSD Lab Sample ID: 460-72180-26 MSD
 Matrix: Solid Lab File ID: T004564.D
 Analysis Method: 8082 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/12/2014 11:43
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 08:57
 Con. Extract Vol.: 10(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212322 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	160	U	710	160
11104-28-2	Aroclor 1221	160	U	710	160
11141-16-5	Aroclor 1232	160	U	710	160
53469-21-9	Aroclor 1242	160	U	710	160
12672-29-6	Aroclor 1248	160	U	710	160
11097-69-1	Aroclor 1254	200	U	710	200
11096-82-5	Aroclor 1260	200	U	710	200
37324-23-5	Aroclor 1262	200	U	710	200
11100-14-4	Aroclor 1268	200	U	710	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	45-138

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/10/2014 13:30Analysis 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.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/10/2014 13:30

Analysis Batch Number: 211677 End Date: 03/10/2014 17:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-211677/2		03/10/2014 13:30	1		CLP-2 0.53 (mm)
PIBLK 460-211677/2		03/10/2014 13:30	1		CLP-1 0.53 (mm)
IC 460-211677/3		03/10/2014 13:49	1	T004388.D	CLP-2 0.53 (mm)
IC 460-211677/3		03/10/2014 13:49	1	T004388.D	CLP-1 0.53 (mm)
IC 460-211677/4		03/10/2014 14:08	1	T004389.D	CLP-2 0.53 (mm)
IC 460-211677/4		03/10/2014 14:08	1	T004389.D	CLP-1 0.53 (mm)
IC 460-211677/5 ICRT		03/10/2014 14:27	1	T004390.D	CLP-2 0.53 (mm)
IC 460-211677/5 ICRT		03/10/2014 14:27	1	T004390.D	CLP-1 0.53 (mm)
IC 460-211677/6		03/10/2014 14:54	1	T004391.D	CLP-2 0.53 (mm)
IC 460-211677/6		03/10/2014 14:54	1	T004391.D	CLP-1 0.53 (mm)
IC 460-211677/7		03/10/2014 15:13	1	T004392.D	CLP-2 0.53 (mm)
IC 460-211677/7		03/10/2014 15:13	1	T004392.D	CLP-1 0.53 (mm)
IC 460-211677/8		03/10/2014 15:32	1	T004393.D	CLP-2 0.53 (mm)
IC 460-211677/8		03/10/2014 15:32	1	T004393.D	CLP-1 0.53 (mm)
IC 460-211677/9		03/10/2014 15:51	1	T004394.D	CLP-2 0.53 (mm)
IC 460-211677/9		03/10/2014 15:51	1	T004394.D	CLP-1 0.53 (mm)
IC 460-211677/10		03/10/2014 16:10	1	T004395.D	CLP-2 0.53 (mm)
IC 460-211677/10		03/10/2014 16:10	1	T004395.D	CLP-1 0.53 (mm)
IC 460-211677/11		03/10/2014 16:29	1	T004396.D	CLP-2 0.53 (mm)
IC 460-211677/11		03/10/2014 16:29	1	T004396.D	CLP-1 0.53 (mm)
IC 460-211677/12		03/10/2014 16:48	1	T004397.D	CLP-2 0.53 (mm)
IC 460-211677/12		03/10/2014 16:48	1	T004397.D	CLP-1 0.53 (mm)
IC 460-211677/13		03/10/2014 17:07	1	T004398.D	CLP-2 0.53 (mm)
IC 460-211677/13		03/10/2014 17:07	1	T004398.D	CLP-1 0.53 (mm)
IC 460-211677/14		03/10/2014 17:26	1	T004399.D	CLP-2 0.53 (mm)
IC 460-211677/14		03/10/2014 17:26	1	T004399.D	CLP-1 0.53 (mm)
ICV 460-211677/15		03/10/2014 17:45	1		CLP-2 0.53 (mm)
ICV 460-211677/15		03/10/2014 17:45	1		CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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)
ZZZZZ		03/11/2014 05:25	1		CLP-2 0.53 (mm)
ZZZZZ		03/11/2014 05:25	1		CLP-1 0.53 (mm)
460-72180-27	FB_030714	03/11/2014 05:44	1	T004438.D	CLP-2 0.53 (mm)
460-72180-27	FB_030714	03/11/2014 05:44	1	T004438.D	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.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/11/2014 22:52

Analysis Batch Number: 212066 End Date: 03/12/2014 07:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212066/2		03/11/2014 22:52	1	T004488.D	CLP-2 0.53 (mm)
CCV 460-212066/2		03/11/2014 22:52	1	T004488.D	CLP-1 0.53 (mm)
MB 460-211882/1-A		03/12/2014 00:03	1	T004489.D	CLP-2 0.53 (mm)
MB 460-211882/1-A		03/12/2014 00:03	1	T004489.D	CLP-1 0.53 (mm)
LCS 460-211882/2-A		03/12/2014 00:22	1	T004490.D	CLP-2 0.53 (mm)
LCS 460-211882/2-A		03/12/2014 00:22	1	T004490.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 00:41	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 00:41	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 00:59	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 00:59	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 06:02	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 06:02	1		CLP-1 0.53 (mm)
460-72180-21	PMP-27SW-SD	03/12/2014 06:21	1	T004509.D	CLP-2 0.53 (mm)
460-72180-21	PMP-27SW-SD	03/12/2014 06:21	1	T004509.D	CLP-1 0.53 (mm)
460-72180-22	PMP-31SW-VS	03/12/2014 06:40	1	T004510.D	CLP-2 0.53 (mm)
460-72180-22	PMP-31SW-VS	03/12/2014 06:40	1	T004510.D	CLP-1 0.53 (mm)
460-72180-23	PMP-32SW-VS	03/12/2014 06:59	1	T004511.D	CLP-2 0.53 (mm)
460-72180-23	PMP-32SW-VS	03/12/2014 06:59	1	T004511.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 07:18	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 07:18	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 07:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 07:37	1		CLP-1 0.53 (mm)
CCV 460-212066/58		03/12/2014 07:56	1	T004514.D	CLP-2 0.53 (mm)
CCV 460-212066/58		03/12/2014 07:56	1	T004514.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/11/2014 22:52

Analysis Batch Number: 212067 End Date: 03/12/2014 07:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212067/2		03/11/2014 22:52	1	T004488.D	CLP-2 0.53 (mm)
CCV 460-212067/2		03/11/2014 22:52	1	T004488.D	CLP-1 0.53 (mm)
MB 460-211882/1-A		03/12/2014 00:03	1	T004489.D	CLP-2 0.53 (mm)
MB 460-211882/1-A		03/12/2014 00:03	1	T004489.D	CLP-1 0.53 (mm)
LCS 460-211882/2-A		03/12/2014 00:22	1	T004490.D	CLP-2 0.53 (mm)
LCS 460-211882/2-A		03/12/2014 00:22	1	T004490.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 00:41	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 00:41	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 00:59	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 00:59	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 01:18	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 01:18	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 01:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 01:37	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 01:56	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 01:56	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 02:15	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 02:15	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 02:34	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 02:34	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 02:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 02:53	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 03:12	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 03:12	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 03:31	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 03:31	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 03:50	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 03:50	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 04:08	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 04:08	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 04:27	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 04:27	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 04:46	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 04:46	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 05:05	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 05:05	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 05:24	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 05:24	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 05:43	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 05:43	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 07:18	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 07:18	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 07:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 07:37	1		CLP-1 0.53 (mm)
CCV 460-212067/58		03/12/2014 07:56	1	T004514.D	CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/11/2014 22:52

Analysis Batch Number: 212067 End Date: 03/12/2014 07:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212067/58		03/12/2014 07:56	1	T004514.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/12/2014 07:56Analysis Batch Number: 212092 End Date: 03/12/2014 11:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212092/58		03/12/2014 07:56	1	T004514.D	CLP-2 0.53 (mm)
CCV 460-212092/58		03/12/2014 07:56	1	T004514.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 08:18	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 08:18	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 08:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 08:37	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 09:15	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 09:15	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 09:34	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 09:34	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 09:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 09:53	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 10:12	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 10:12	1		CLP-1 0.53 (mm)
460-72180-24	DUP_030714	03/12/2014 10:31	10	T004522.D	CLP-2 0.53 (mm)
460-72180-24	DUP_030714	03/12/2014 10:31	10	T004522.D	CLP-1 0.53 (mm)
460-72180-24 MS	DUP_030714 MS	03/12/2014 10:50	10	T004523.D	CLP-2 0.53 (mm)
460-72180-24 MS	DUP_030714 MS	03/12/2014 10:50	10	T004523.D	CLP-1 0.53 (mm)
460-72180-24 MSD	DUP_030714 MSD	03/12/2014 11:09	10	T004524.D	CLP-2 0.53 (mm)
460-72180-24 MSD	DUP_030714 MSD	03/12/2014 11:09	10	T004524.D	CLP-1 0.53 (mm)
CCV 460-212092/69		03/12/2014 11:28	1	T004525.D	CLP-2 0.53 (mm)
CCV 460-212092/69		03/12/2014 11:28	1	T004525.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/12/2014 11:28

Analysis Batch Number: 212157 End Date: 03/12/2014 15:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212157/69		03/12/2014 11:28	1	T004525.D	CLP-2 0.53 (mm)
CCV 460-212157/69		03/12/2014 11:28	1	T004525.D	CLP-1 0.53 (mm)
460-72180-3	PMP-15SW-WT	03/12/2014 11:58	50	T004526.D	CLP-2 0.53 (mm)
460-72180-3	PMP-15SW-WT	03/12/2014 11:58	50	T004526.D	CLP-1 0.53 (mm)
460-72180-4	PMP-15SW-SI	03/12/2014 12:17	1	T004527.D	CLP-2 0.53 (mm)
460-72180-4	PMP-15SW-SI	03/12/2014 12:17	1	T004527.D	CLP-1 0.53 (mm)
460-72180-6	PMP-16SW-WT	03/12/2014 12:35	10	T004528.D	CLP-2 0.53 (mm)
460-72180-6	PMP-16SW-WT	03/12/2014 12:35	10	T004528.D	CLP-1 0.53 (mm)
460-72180-7	PMP-16SW-SI	03/12/2014 12:54	10	T004529.D	CLP-2 0.53 (mm)
460-72180-7	PMP-16SW-SI	03/12/2014 12:54	10	T004529.D	CLP-1 0.53 (mm)
460-72180-8	PMP-17SW-WT	03/12/2014 13:13	50	T004530.D	CLP-2 0.53 (mm)
460-72180-8	PMP-17SW-WT	03/12/2014 13:13	50	T004530.D	CLP-1 0.53 (mm)
460-72180-10	PMP-18SW-VD	03/12/2014 13:32	10	T004531.D	CLP-2 0.53 (mm)
460-72180-10	PMP-18SW-VD	03/12/2014 13:32	10	T004531.D	CLP-1 0.53 (mm)
460-72180-11	PMP-18SW-WT	03/12/2014 13:51	20	T004532.D	CLP-2 0.53 (mm)
460-72180-11	PMP-18SW-WT	03/12/2014 13:51	20	T004532.D	CLP-1 0.53 (mm)
460-72180-13	PMP-19SW-VD	03/12/2014 14:10	5	T004533.D	CLP-2 0.53 (mm)
460-72180-13	PMP-19SW-VD	03/12/2014 14:10	5	T004533.D	CLP-1 0.53 (mm)
460-72180-14	PMP-19SW-WT	03/12/2014 14:29	10	T004534.D	CLP-2 0.53 (mm)
460-72180-14	PMP-19SW-WT	03/12/2014 14:29	10	T004534.D	CLP-1 0.53 (mm)
460-72180-15	PMP-19SW-SI	03/12/2014 14:48	1	T004535.D	CLP-2 0.53 (mm)
460-72180-15	PMP-19SW-SI	03/12/2014 14:48	1	T004535.D	CLP-1 0.53 (mm)
CCV 460-212157/80		03/12/2014 15:28	1	T004536.D	CLP-2 0.53 (mm)
CCV 460-212157/80		03/12/2014 15:28	1	T004536.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/13/2014 06:24

Analysis Batch Number: 212322 End Date: 03/13/2014 12:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/13/2014 06:24	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 06:24	1		CLP-1 0.53 (mm)
CCV 460-212322/2		03/13/2014 06:43	1	T004560.D	CLP-2 0.53 (mm)
CCV 460-212322/2		03/13/2014 06:43	1	T004560.D	CLP-1 0.53 (mm)
460-72180-25	DUP2_030714	03/13/2014 08:00	20	T004561.D	CLP-2 0.53 (mm)
460-72180-25	DUP2_030714	03/13/2014 08:00	20	T004561.D	CLP-1 0.53 (mm)
460-72180-26	DUP3_030714	03/13/2014 08:19	10	T004562.D	CLP-2 0.53 (mm)
460-72180-26	DUP3_030714	03/13/2014 08:19	10	T004562.D	CLP-1 0.53 (mm)
460-72180-26 MS	DUP3_030714 MS	03/13/2014 08:38	10	T004563.D	CLP-2 0.53 (mm)
460-72180-26 MS	DUP3_030714 MS	03/13/2014 08:38	10	T004563.D	CLP-1 0.53 (mm)
460-72180-26 MSD	DUP3_030714 MSD	03/13/2014 08:57	10	T004564.D	CLP-2 0.53 (mm)
460-72180-26 MSD	DUP3_030714 MSD	03/13/2014 08:57	10	T004564.D	CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 09:16	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 09:16	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 09:35	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 09:35	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 09:54	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 09:54	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 10:13	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 10:13	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 10:32	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 10:32	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 10:51	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 10:51	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 11:10	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 11:10	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 11:48	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 11:48	1		CLP-1 0.53 (mm)
CCV 460-212322/16		03/13/2014 12:14	1	T004574.D	CLP-2 0.53 (mm)
CCV 460-212322/16		03/13/2014 12:14	1	T004574.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/13/2014 14:20

Analysis Batch Number: 212452 End Date: 03/13/2014 18:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-212452/1		03/13/2014 14:20	1		CLP-2 0.53 (mm)
PIBLK 460-212452/1		03/13/2014 14:20	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 14:39	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 14:39	1		CLP-1 0.53 (mm)
IC 460-212452/3		03/13/2014 14:58	1	T004579.D	CLP-2 0.53 (mm)
IC 460-212452/3		03/13/2014 14:58	1	T004579.D	CLP-1 0.53 (mm)
IC 460-212452/4		03/13/2014 15:17	1	T004580.D	CLP-2 0.53 (mm)
IC 460-212452/4		03/13/2014 15:17	1	T004580.D	CLP-1 0.53 (mm)
IC 460-212452/5 ICRT		03/13/2014 15:36	1	T004581.D	CLP-2 0.53 (mm)
IC 460-212452/5 ICRT		03/13/2014 15:36	1	T004581.D	CLP-1 0.53 (mm)
IC 460-212452/6		03/13/2014 15:54	1	T004582.D	CLP-2 0.53 (mm)
IC 460-212452/6		03/13/2014 15:54	1	T004582.D	CLP-1 0.53 (mm)
IC 460-212452/7		03/13/2014 16:13	1	T004583.D	CLP-2 0.53 (mm)
IC 460-212452/7		03/13/2014 16:13	1	T004583.D	CLP-1 0.53 (mm)
IC 460-212452/8		03/13/2014 16:32	1	T004584.D	CLP-2 0.53 (mm)
IC 460-212452/8		03/13/2014 16:32	1	T004584.D	CLP-1 0.53 (mm)
IC 460-212452/9		03/13/2014 16:51	1	T004585.D	CLP-2 0.53 (mm)
IC 460-212452/9		03/13/2014 16:51	1	T004585.D	CLP-1 0.53 (mm)
IC 460-212452/10		03/13/2014 17:10	1	T004586.D	CLP-2 0.53 (mm)
IC 460-212452/10		03/13/2014 17:10	1	T004586.D	CLP-1 0.53 (mm)
IC 460-212452/11		03/13/2014 17:29	1	T004587.D	CLP-2 0.53 (mm)
IC 460-212452/11		03/13/2014 17:29	1	T004587.D	CLP-1 0.53 (mm)
IC 460-212452/12		03/13/2014 17:48	1	T004588.D	CLP-2 0.53 (mm)
IC 460-212452/12		03/13/2014 17:48	1	T004588.D	CLP-1 0.53 (mm)
IC 460-212452/13		03/13/2014 18:07	1	T004589.D	CLP-2 0.53 (mm)
IC 460-212452/13		03/13/2014 18:07	1	T004589.D	CLP-1 0.53 (mm)
IC 460-212452/14		03/13/2014 18:26	1	T004590.D	CLP-2 0.53 (mm)
IC 460-212452/14		03/13/2014 18:26	1	T004590.D	CLP-1 0.53 (mm)
ICV 460-212452/15		03/13/2014 18:45	1		CLP-2 0.53 (mm)
ICV 460-212452/15		03/13/2014 18:45	1		CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/14/2014 06:53

Analysis Batch Number: 212604 End Date: 03/14/2014 14:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2014 06:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 06:53	1		CLP-1 0.53 (mm)
CCV 460-212604/2		03/14/2014 07:12	1	T004612.D	CLP-2 0.53 (mm)
CCV 460-212604/2		03/14/2014 07:12	1	T004612.D	CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 07:44	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 07:44	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 08:03	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 08:03	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 08:23	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 08:23	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 08:42	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 08:42	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:01	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:01	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:20	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:20	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:39	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:39	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:58	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:58	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 10:17	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 10:17	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 10:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 10:37	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 10:56	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 10:56	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 11:15	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 11:15	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 11:34	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 11:34	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 11:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 11:53	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 12:12	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 12:12	1		CLP-1 0.53 (mm)
460-72180-20	PMP-27SW-WT	03/14/2014 12:31	2	T004628.D	CLP-2 0.53 (mm)
460-72180-20	PMP-27SW-WT	03/14/2014 12:31	2	T004628.D	CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 12:50	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 12:50	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 13:09	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 13:09	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 13:28	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 13:28	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 13:43	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 13:43	1		CLP-1 0.53 (mm)
CCV 460-212604/23		03/14/2014 14:02	1	T004633.D	CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 03/14/2014 06:53

Analysis Batch Number: 212604 End Date: 03/14/2014 14:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-212604/23		03/14/2014 14:02	1	T004633.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC7 Start Date: 03/11/2014 22:43

Analysis Batch Number: 211991 End Date: 03/12/2014 06:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/11/2014 22:43	1		CLP-2 0.53 (mm)
ZZZZZ		03/11/2014 22:43	1		CLP-1 0.53 (mm)
CCV 460-211991/2		03/11/2014 23:00	1	OR214383.D	CLP-2 0.53 (mm)
CCV 460-211991/2		03/11/2014 23:00	1	OR214383.D	CLP-1 0.53 (mm)
MB 460-211881/1-A		03/11/2014 23:57	1	OR214384.D	CLP-2 0.53 (mm)
MB 460-211881/1-A		03/11/2014 23:57	1	OR214384.D	CLP-1 0.53 (mm)
LCS 460-211881/2-A		03/12/2014 00:14	1	OR214385.D	CLP-2 0.53 (mm)
LCS 460-211881/2-A		03/12/2014 00:14	1	OR214385.D	CLP-1 0.53 (mm)
460-72180-2 MS	PMP-15SW-VD MS	03/12/2014 00:30	1	OR214386.D	CLP-2 0.53 (mm)
460-72180-2 MS	PMP-15SW-VD MS	03/12/2014 00:30	1	OR214386.D	CLP-1 0.53 (mm)
460-72180-2 MSD	PMP-15SW-VD MSD	03/12/2014 00:47	1	OR214387.D	CLP-2 0.53 (mm)
460-72180-2 MSD	PMP-15SW-VD MSD	03/12/2014 00:47	1	OR214387.D	CLP-1 0.53 (mm)
460-72180-1	PMP-28SW-SD	03/12/2014 01:04	1	OR214388.D	CLP-2 0.53 (mm)
460-72180-1	PMP-28SW-SD	03/12/2014 01:04	1	OR214388.D	CLP-1 0.53 (mm)
460-72180-2	PMP-15SW-VD	03/12/2014 01:21	1	OR214389.D	CLP-2 0.53 (mm)
460-72180-2	PMP-15SW-VD	03/12/2014 01:21	1	OR214389.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 01:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 01:37	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 01:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 01:53	1		CLP-1 0.53 (mm)
460-72180-5	PMP-15SW-SD	03/12/2014 02:09	1	OR214392.D	CLP-2 0.53 (mm)
460-72180-5	PMP-15SW-SD	03/12/2014 02:09	1	OR214392.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 02:25	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 02:25	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 02:42	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 02:42	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 02:58	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 02:58	1		CLP-1 0.53 (mm)
460-72180-9	PMP-17SW-SI	03/12/2014 03:15	1	OR214396.D	CLP-2 0.53 (mm)
460-72180-9	PMP-17SW-SI	03/12/2014 03:15	1	OR214396.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 03:31	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 03:31	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 03:47	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 03:47	1		CLP-1 0.53 (mm)
460-72180-12	PMP-18SW-SI	03/12/2014 04:04	1	OR214399.D	CLP-2 0.53 (mm)
460-72180-12	PMP-18SW-SI	03/12/2014 04:04	1	OR214399.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 04:21	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 04:21	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 04:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 04:37	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 04:53	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 04:53	1		CLP-1 0.53 (mm)
460-72180-16	PMP-26SW-VD	03/12/2014 05:10	1	OR214403.D	CLP-2 0.53 (mm)
460-72180-16	PMP-26SW-VD	03/12/2014 05:10	1	OR214403.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 05:27	1		CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC7 Start Date: 03/11/2014 22:43

Analysis Batch Number: 211991 End Date: 03/12/2014 06:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/12/2014 05:27	1		CLP-1 0.53 (mm)
460-72180-18	PMP-26SW-SI	03/12/2014 05:44	1	OR214405.D	CLP-2 0.53 (mm)
460-72180-18	PMP-26SW-SI	03/12/2014 05:44	1	OR214405.D	CLP-1 0.53 (mm)
460-72180-19	PMP-27SW-VD	03/12/2014 06:00	1	OR214406.D	CLP-2 0.53 (mm)
460-72180-19	PMP-27SW-VD	03/12/2014 06:00	1	OR214406.D	CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 06:16	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 06:16	1		CLP-1 0.53 (mm)
ZZZZZ		03/12/2014 06:33	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 06:33	1		CLP-1 0.53 (mm)
CCV 460-211991/28		03/12/2014 06:49	1	OR214409.D	CLP-2 0.53 (mm)
CCV 460-211991/28		03/12/2014 06:49	1	OR214409.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC7 Start Date: 03/12/2014 23:02

Analysis Batch Number: 212261 End Date: 03/13/2014 07:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/12/2014 23:02	1		CLP-2 0.53 (mm)
ZZZZZ		03/12/2014 23:02	1		CLP-1 0.53 (mm)
CCV 460-212261/2		03/12/2014 23:19	1	OR214433.D	CLP-2 0.53 (mm)
CCV 460-212261/2		03/12/2014 23:19	1	OR214433.D	CLP-1 0.53 (mm)
MB 460-212128/1-A		03/13/2014 00:17	1	OR214434.D	CLP-2 0.53 (mm)
MB 460-212128/1-A		03/13/2014 00:17	1	OR214434.D	CLP-1 0.53 (mm)
LCS 460-212128/2-A		03/13/2014 00:33	1	OR214435.D	CLP-2 0.53 (mm)
LCS 460-212128/2-A		03/13/2014 00:33	1	OR214435.D	CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 00:49	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 00:49	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 01:05	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 01:05	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 01:22	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 01:22	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 01:38	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 01:38	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 01:54	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 01:54	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 02:11	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 02:11	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 02:28	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 02:28	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 02:45	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 02:45	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 03:01	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 03:01	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 03:18	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 03:18	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 03:35	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 03:35	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 03:52	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 03:52	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 04:09	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 04:09	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 04:25	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 04:25	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 04:41	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 04:41	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 04:58	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 04:58	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 05:14	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 05:14	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 05:30	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 05:30	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 05:46	1		CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC7 Start Date: 03/12/2014 23:02

Analysis Batch Number: 212261 End Date: 03/13/2014 07:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/13/2014 05:46	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 06:02	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 06:02	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 06:19	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 06:19	1		CLP-1 0.53 (mm)
460-72180-29	PMP-27SW-SI	03/13/2014 06:35	1	OR214457.D	CLP-2 0.53 (mm)
460-72180-29	PMP-27SW-SI	03/13/2014 06:35	1	OR214457.D	CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 06:51	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 06:51	1		CLP-1 0.53 (mm)
CCV 460-212261/28		03/13/2014 07:08	1	OR214459.D	CLP-2 0.53 (mm)
CCV 460-212261/28		03/13/2014 07:08	1	OR214459.D	CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC7 Start Date: 03/13/2014 14:19

Analysis Batch Number: 212448 End Date: 03/13/2014 18:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-212448/1		03/13/2014 14:19	1		CLP-2 0.53 (mm)
PIBLK 460-212448/1		03/13/2014 14:19	1		CLP-1 0.53 (mm)
ZZZZZ		03/13/2014 14:36	1		CLP-2 0.53 (mm)
ZZZZZ		03/13/2014 14:36	1		CLP-1 0.53 (mm)
IC 460-212448/3		03/13/2014 14:52	1	OR214467.D	CLP-2 0.53 (mm)
IC 460-212448/3		03/13/2014 14:52	1	OR214467.D	CLP-1 0.53 (mm)
IC 460-212448/4		03/13/2014 15:08	1	OR214468.D	CLP-2 0.53 (mm)
IC 460-212448/4		03/13/2014 15:08	1	OR214468.D	CLP-1 0.53 (mm)
IC 460-212448/5 ICRT		03/13/2014 15:25	1	OR214469.D	CLP-2 0.53 (mm)
IC 460-212448/5 ICRT		03/13/2014 15:25	1	OR214469.D	CLP-1 0.53 (mm)
IC 460-212448/6		03/13/2014 15:42	1	OR214470.D	CLP-2 0.53 (mm)
IC 460-212448/6		03/13/2014 15:42	1	OR214470.D	CLP-1 0.53 (mm)
IC 460-212448/7		03/13/2014 15:58	1	OR214471.D	CLP-2 0.53 (mm)
IC 460-212448/7		03/13/2014 15:58	1	OR214471.D	CLP-1 0.53 (mm)
IC 460-212448/8		03/13/2014 16:15	1	OR214472.D	CLP-2 0.53 (mm)
IC 460-212448/8		03/13/2014 16:15	1	OR214472.D	CLP-1 0.53 (mm)
IC 460-212448/9		03/13/2014 16:31	1	OR214473.D	CLP-2 0.53 (mm)
IC 460-212448/9		03/13/2014 16:31	1	OR214473.D	CLP-1 0.53 (mm)
IC 460-212448/10		03/13/2014 16:48	1	OR214474.D	CLP-2 0.53 (mm)
IC 460-212448/10		03/13/2014 16:48	1	OR214474.D	CLP-1 0.53 (mm)
IC 460-212448/11		03/13/2014 17:05	1	OR214475.D	CLP-2 0.53 (mm)
IC 460-212448/11		03/13/2014 17:05	1	OR214475.D	CLP-1 0.53 (mm)
IC 460-212448/12		03/13/2014 17:22	1	OR214476.D	CLP-2 0.53 (mm)
IC 460-212448/12		03/13/2014 17:22	1	OR214476.D	CLP-1 0.53 (mm)
IC 460-212448/13		03/13/2014 17:38	1	OR214477.D	CLP-2 0.53 (mm)
IC 460-212448/13		03/13/2014 17:38	1	OR214477.D	CLP-1 0.53 (mm)
IC 460-212448/14		03/13/2014 17:55	1	OR214478.D	CLP-2 0.53 (mm)
IC 460-212448/14		03/13/2014 17:55	1	OR214478.D	CLP-1 0.53 (mm)
ICV 460-212448/15		03/13/2014 18:12	1		CLP-2 0.53 (mm)
ICV 460-212448/15		03/13/2014 18:12	1		CLP-1 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: CPESTGC7 Start Date: 03/14/2014 07:37

Analysis Batch Number: 212602 End Date: 03/14/2014 11:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/14/2014 07:37	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 07:37	1		CLP-1 0.53 (mm)
CCV 460-212602/2		03/14/2014 07:54	1	OR214525.D	CLP-2 0.53 (mm)
CCV 460-212602/2		03/14/2014 07:54	1	OR214525.D	CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 08:15	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 08:15	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 08:32	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 08:32	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 08:49	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 08:49	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:05	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:05	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:22	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:22	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 09:39	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 09:39	1		CLP-1 0.53 (mm)
460-72180-17	PMP-26SW-WT	03/14/2014 09:55	10	OR214532.D	CLP-2 0.53 (mm)
460-72180-17	PMP-26SW-WT	03/14/2014 09:55	10	OR214532.D	CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 10:11	20		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 10:11	20		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 10:28	10		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 10:28	10		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 10:44	1		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 10:44	1		CLP-1 0.53 (mm)
ZZZZZ		03/14/2014 11:01	2		CLP-2 0.53 (mm)
ZZZZZ		03/14/2014 11:01	2		CLP-1 0.53 (mm)
CCV 460-212602/14		03/14/2014 11:18	1	OR214537.D	CLP-2 0.53 (mm)
CCV 460-212602/14		03/14/2014 11:18	1	OR214537.D	CLP-1 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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	
460-72180-H-27	FB_030714	3510C, 8082	T	7	960 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	Mec12
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.: 460-72180-1

SDG No.: _____

Batch Number: 211881 Batch Start Date: 03/11/14 12:21 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBS 00027	OPPSTPCBSURR 00002		
MB 460-211881/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-211881/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-72180-F-2 MS	PMP-15SW-VD	3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-72180-F-2 MSD	PMP-15SW-VD	3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-72180-F-1	PMP-28SW-SD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-F-2	PMP-15SW-VD	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72180-F-3	PMP-15SW-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72180-F-4	PMP-15SW-SI	3546, 8082	T	14.99 g	10 mL		50 uL		
460-72180-F-5	PMP-15SW-SD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72180-F-6	PMP-16SW-WT	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72180-F-7	PMP-16SW-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-F-8	PMP-17SW-WT	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72180-F-9	PMP-17SW-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-F-10	PMP-18SW-VD	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72180-F-11	PMP-18SW-WT	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72180-F-12	PMP-18SW-SI	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-F-13	PMP-19SW-VD	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72180-F-14	PMP-19SW-WT	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72180-F-15	PMP-19SW-SI	3546, 8082	T	15.01 g	10 mL		50 uL		
460-72180-F-16	PMP-26SW-VD	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-E-17	PMP-26SW-WT	3546, 8082	T	15.04 g	10 mL		50 uL		
460-72180-E-18	PMP-26SW-SI	3546, 8082	T	15.02 g	10 mL		50 uL		
460-72180-E-19	PMP-27SW-VD	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72180-E-20	PMP-27SW-WT	3546, 8082	T	14.98 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.: 460-72180-1

SDG No.: _____

Batch Number: 211881 Batch Start Date: 03/11/14 12:21 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date: _____

Batch Notes	
Balance ID	28
Batch Comment	PCB 8082 SOIL
Person's name who did the concentration	CM
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	1200
Microwave Stop Time	1230
Na2SO4 Lot Number	331103
Person's name who did the prep	CM
SOP Number	3546
Person who performed Spike	CM
TBA Lot #	OP 853
Water Bath ID	10203
Water Bath Temperature	37.0 C 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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211882 Batch Start Date: 03/11/14 12:24 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBS 00027	OPPSTPCBSURR 00002		
MB 460-211882/1		3546, 8082		15.00 g	10 mL		50 uL		
LCS 460-211882/2		3546, 8082		15.00 g	10 mL	50 uL	50 uL		
460-72180-F-24 MS	DUP_030714	3546, 8082	T	15.02 g	10 mL	50 uL	50 uL		
460-72180-F-24 MSD	DUP_030714	3546, 8082	T	15.00 g	10 mL	50 uL	50 uL		
460-72180-F-21	PMP-27SW-SD	3546, 8082	T	14.99 g	10 mL		50 uL		
460-72180-F-22	PMP-31SW-VS	3546, 8082	T	15.05 g	10 mL		50 uL		
460-72180-F-23	PMP-32SW-VS	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-F-24	DUP_030714	3546, 8082	T	15.02 g	10 mL		50 uL		

Batch Notes	
Balance ID	28
Batch Comment	PCB 8082 SOIL
Person's name who did the concentration	CM
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	1200
Microwave Stop Time	1230
Na2SO4 Lot Number	331103
Person's name who did the prep	CM
SOP Number	3546
Person who performed Spike	CM
TBA Lot #	OP 853
Water Bath ID	10203
Water Bath Temperature	37.0 C 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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211882 Batch Start Date: 03/11/14 12:24 Batch Analyst: Masongo, Charles

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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 212128 Batch Start Date: 03/12/14 11:43 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBS 00027	OPPSTPCBSURR 00002		
MB 460-212128/1		3546, 8082		15.00 g	10 mL		100 uL		
LCS 460-212128/2		3546, 8082		15.00 g	10 mL	50 uL	100 uL		
460-72180-F-26 MS	DUP3_030714	3546, 8082	T	15.01 g	10 mL	50 uL	50 uL		
460-72180-F-26 MSD	DUP3_030714	3546, 8082	T	15.04 g	10 mL	50 uL	50 uL		
460-72180-F-25	DUP2_030714	3546, 8082	T	15.03 g	10 mL		50 uL		
460-72180-F-26	DUP3_030714	3546, 8082	T	15.00 g	10 mL		50 uL		
460-72180-F-29	PMP-27SW-SI	3546, 8082	T	15.01 g	10 mL		50 uL		

Batch Notes	
Balance ID	28
Batch Comment	PCB 8082 SOIL
Person's name who did the concentration	CM
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	1200
Microwave Stop Time	1230
Na2SO4 Lot Number	331103
Person's name who did the prep	CM
SOP Number	3546
Person who performed Spike	CM
TBA Lot #	OP 853
Water Bath ID	10203
Water Bath Temperature	37.0 C 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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 212128 Batch Start Date: 03/12/14 11:43 Batch Analyst: Masongo, Charles

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.

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.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-28SW-SD	460-72180-1	79	78
PMP-15SW-VD	460-72180-2	73	71
PMP-15SW-WT	460-72180-3	0 X D	0 X D
PMP-15SW-SI	460-72180-4	51	44 X
PMP-15SW-SD	460-72180-5	59	55
PMP-16SW-WT	460-72180-6	0 X D	0 X D
PMP-16SW-SI	460-72180-7	57	55
PMP-17SW-WT	460-72180-8	0 X D	0 X D
PMP-17SW-SI	460-72180-9	0 X D	0 X D
PMP-18SW-VD	460-72180-10	64	60
PMP-18SW-WT	460-72180-11	52	51
PMP-18SW-SI	460-72180-12	61	80
PMP-19SW-VD	460-72180-13	75	87
PMP-19SW-WT	460-72180-14	0 X D	0 X D
PMP-19SW-SI	460-72180-15	68	68
PMP-26SW-VD	460-72180-16	77	77
PMP-26SW-WT	460-72180-17	0 X D	0 X D
PMP-26SW-SI	460-72180-18	46	56
PMP-27SW-VD	460-72180-19	62	61
PMP-27SW-WT	460-72180-20	0 X D	0 X D
PMP-27SW-SD	460-72180-21	63	71
PMP-31SW-VS	460-72180-22	75	82
PMP-32SW-VS	460-72180-23	69	73
DUP_030714	460-72180-24	0 X D	0 X D
DUP2_030714	460-72180-25	0 X D	0 X D
DUP3_030714	460-72180-26	0 X D	0 X D
PMP-27SW-SI	460-72180-29	54	56
	MB 460-211688/1-A	92 X	87
	MB 460-211689/1-A	74	70
	MB 460-211888/1-A	80	70
	LCS 460-211688/2-A	104 X	103
	LCS 460-211689/2-A	75	94

CB = Chlorobenzene
OTPH = o-Terphenyl

QC LIMITS
40-80
50-105

Column to be used to flag recovery values

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
	LCS 460-211888/2-A	79	84
PMP-17SW-SI MS	460-72180-9 MS	0 X D	0 X D
PMP-27SW-WT MS	460-72180-20 MS	0 X D	0 X D
	460-72174-F-25-B MS	78	72
PMP-17SW-SI MSD	460-72180-9 MSD	0 X D	0 X D
PMP-27SW-WT MSD	460-72180-20 MSD	0 X D	0 X D
	460-72174-F-25-C MSD	83 X	72

CB = Chlorobenzene
OTPH = o-Terphenyl

QC LIMITS
40-80
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.: 460-72180-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB_030714	460-72180-27	75	71
	MB 460-211471/1-A	89	71
	LCS 460-211471/2-A	87	119
	LCSD 460-211471/3-A	85	117

CB = Chlorobenzene
OTPH = o-Terphenyl

QC LIMITS
42-93
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.: 460-72180-1

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.: 460-72180-1

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 RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: GC2F9486.D

Lab ID: LCS 460-211689/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	128	96	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.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: GC2F9476.D

Lab ID: LCS 460-211888/2-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	140	105	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.: 460-72180-1

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	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
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: GC2F9487.D

Lab ID: 460-72180-9 MS Client ID: PMP-17SW-SI MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	160	1100	1120	37	56-113	4

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: GC2F9477.D

Lab ID: 460-72180-20 MS Client ID: PMP-27SW-WT MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	159	2100	2170	47	56-113	4

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: GC2F9442.D

Lab ID: 460-72174-F-25-B MS Client ID: _____

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
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: GC2F9488.D

Lab ID: 460-72180-9 MSD Client ID: PMP-17SW-SI MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Total Petroleum Hydrocarbons (C8-C40)	160	1070	-0.3	5	40	56-113	4

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: GC2F9478.D
 Lab ID: 460-72180-20 MSD Client ID: PMP-27SW-WT MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Total Petroleum Hydrocarbons (C8-C40)	159	2370	172	9	40	56-113	4

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: GC2F9443.D
 Lab ID: 460-72174-F-25-C MSD Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Total Petroleum Hydrocarbons (C8-C40)	145	272	69	18	40	56-113	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
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_030714	460-72180-27	GC2F9332.D	03/11/2014 10:00

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
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
	460-72174-F-25-B MS	GC2F9442.D	03/12/2014 16:43
	460-72174-F-25-C MSD	GC2F9443.D	03/12/2014 16:57
PMP-28SW-SD	460-72180-1	GC2F9465.D	03/12/2014 21:57
PMP-15SW-VD	460-72180-2	GC2F9466.D	03/12/2014 22:10
PMP-15SW-WT	460-72180-3	GC2F9467.D	03/12/2014 22:24

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab File ID: GC2F9485.D Lab Sample ID: MB 460-211689/1-A
 Matrix: Solid Date Extracted: 03/10/2014 14:53
 Instrument ID: CBNAGC2 Date Analyzed: 03/13/2014 09:41
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211689/2-A	GC2F9486.D	03/13/2014 09:55
PMP-17SW-SI MS	460-72180-9 MS	GC2F9487.D	03/13/2014 10:09
PMP-17SW-SI MSD	460-72180-9 MSD	GC2F9488.D	03/13/2014 10:22
PMP-17SW-SI	460-72180-9	GC2F9489.D	03/13/2014 10:36
PMP-15SW-SI	460-72180-4	GC2F9490.D	03/13/2014 10:50
PMP-15SW-SD	460-72180-5	GC2F9491.D	03/13/2014 11:04
PMP-16SW-WT	460-72180-6	GC2F9492.D	03/13/2014 11:17
PMP-16SW-SI	460-72180-7	GC2F9493.D	03/13/2014 11:31
PMP-17SW-WT	460-72180-8	GC2F9496.D	03/13/2014 12:12
PMP-18SW-VD	460-72180-10	GC2F9497.D	03/13/2014 12:26
PMP-18SW-WT	460-72180-11	GC2F9498.D	03/13/2014 12:39
PMP-18SW-SI	460-72180-12	GC2F9499.D	03/13/2014 12:53
PMP-19SW-VD	460-72180-13	GC2F9500.D	03/13/2014 13:07
PMP-19SW-WT	460-72180-14	GC2F9501.D	03/13/2014 13:20
PMP-19SW-SI	460-72180-15	GC2F9502.D	03/13/2014 13:34
PMP-26SW-VD	460-72180-16	GC2F9503.D	03/13/2014 13:47
PMP-27SW-SD	460-72180-21	GC2F9506.D	03/13/2014 14:28
PMP-31SW-VS	460-72180-22	GC2F9507.D	03/13/2014 14:42
PMP-32SW-VS	460-72180-23	GC2F9508.D	03/13/2014 14:56
DUP_030714	460-72180-24	GC2F9509.D	03/13/2014 15:09
DUP2_030714	460-72180-25	GC2F9510.D	03/13/2014 15:23
DUP3_030714	460-72180-26	GC2F9511.D	03/13/2014 15:36
PMP-27SW-SI	460-72180-29	GC2F9512.D	03/13/2014 15:50

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
SDG No.: _____
Lab File ID: GC2F9475.D Lab Sample ID: MB 460-211888/1-A
Matrix: Solid Date Extracted: 03/11/2014 13:19
Instrument ID: CBNAGC2 Date Analyzed: 03/13/2014 07:25
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-211888/2-A	GC2F9476.D	03/13/2014 07:38
PMP-27SW-WT MS	460-72180-20 MS	GC2F9477.D	03/13/2014 07:52
PMP-27SW-WT MSD	460-72180-20 MSD	GC2F9478.D	03/13/2014 08:05
PMP-27SW-WT	460-72180-20	GC2F9479.D	03/13/2014 08:19
PMP-26SW-WT	460-72180-17	GC2F9480.D	03/13/2014 08:33
PMP-26SW-SI	460-72180-18	GC2F9481.D	03/13/2014 08:47
PMP-27SW-VD	460-72180-19	GC2F9482.D	03/13/2014 09:00

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Matrix: Solid Lab File ID: GC2F9465.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 08:45
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:48
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 21:57
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 11.8 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)	6.2	U	6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	78		50-105
108-90-7	Chlorobenzene	79		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9465.D
 Lims ID: 460-72180-F-1-A Lab Sample ID: 460-72180-1
 Client ID: PMP-28SW-SD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 21:57:08 ALS Bottle#: 69 Worklist Smp#: 59
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010762-059
 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 10:58:06

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene M
 0.680 0.676 0.004 188052 7.95 M

\$ 4 o-Terphenyl
 3.777 3.782 -0.005 377469 7.84

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9465.D

Injection Date: 12-Mar-2014 21:57:08

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-1-A

Lab Sample ID: 460-72180-1

Client ID: PMP-28SW-SD

Operator ID:

ALS Bottle#: 69

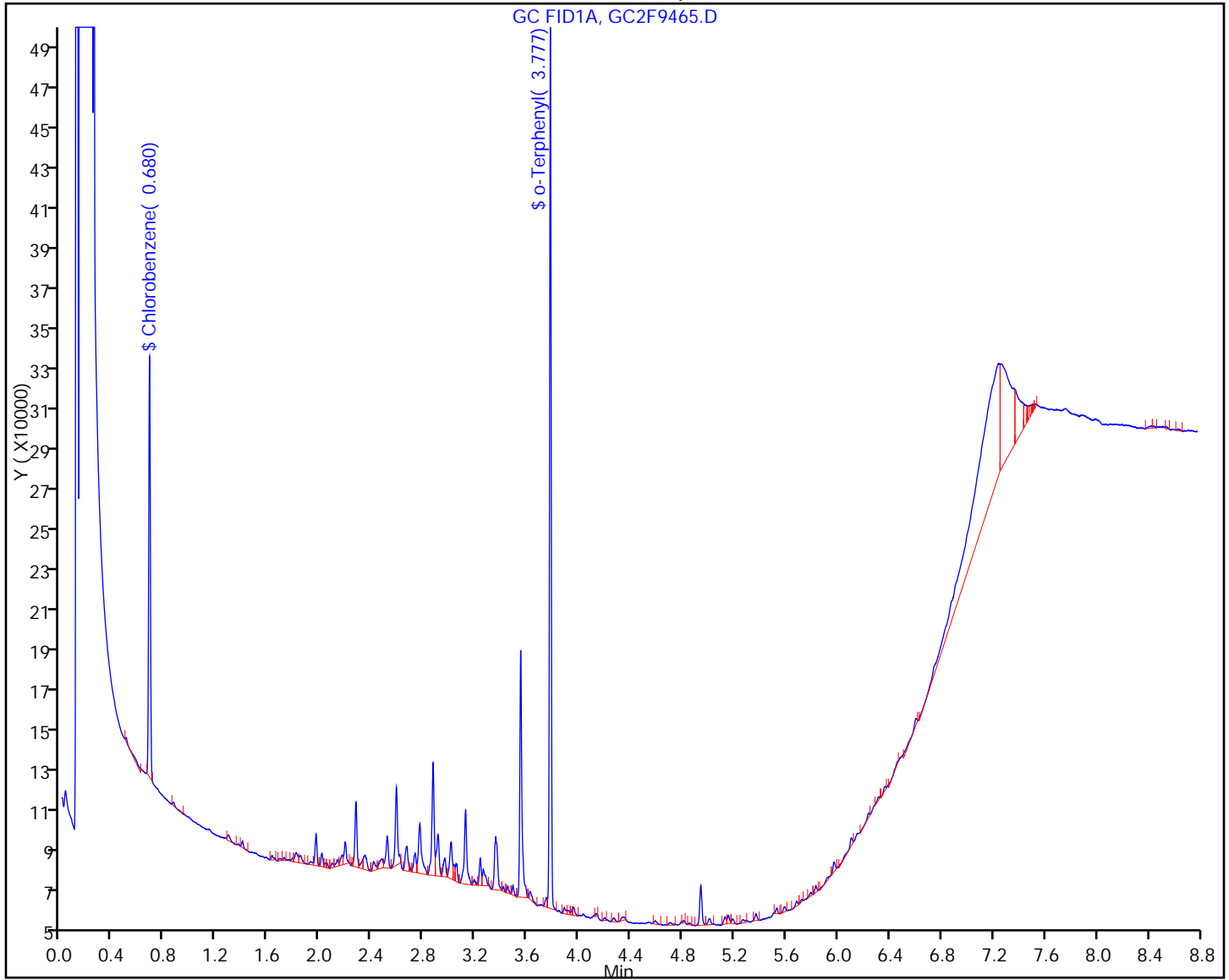
Worklist Smp#: 59

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



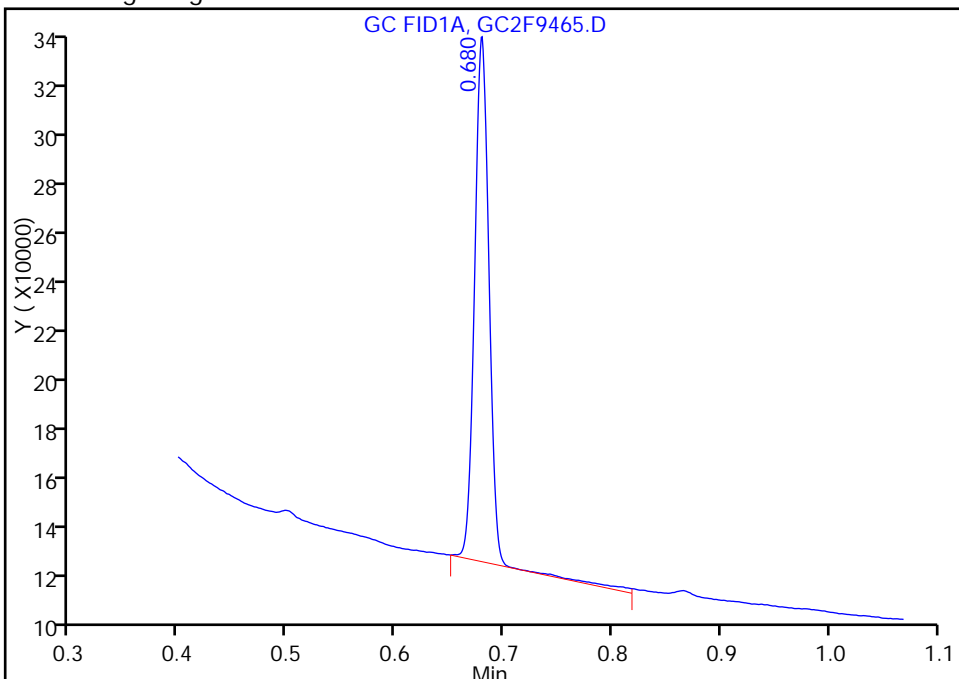
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9465.D
Injection Date: 12-Mar-2014 21:57:08 Instrument ID: CBNAGC2
Lims ID: 460-72180-F-1-A Lab Sample ID: 460-72180-1
Client ID: PMP-28SW-SD
Operator ID: ALS Bottle#: 69 Worklist Smp#: 59
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

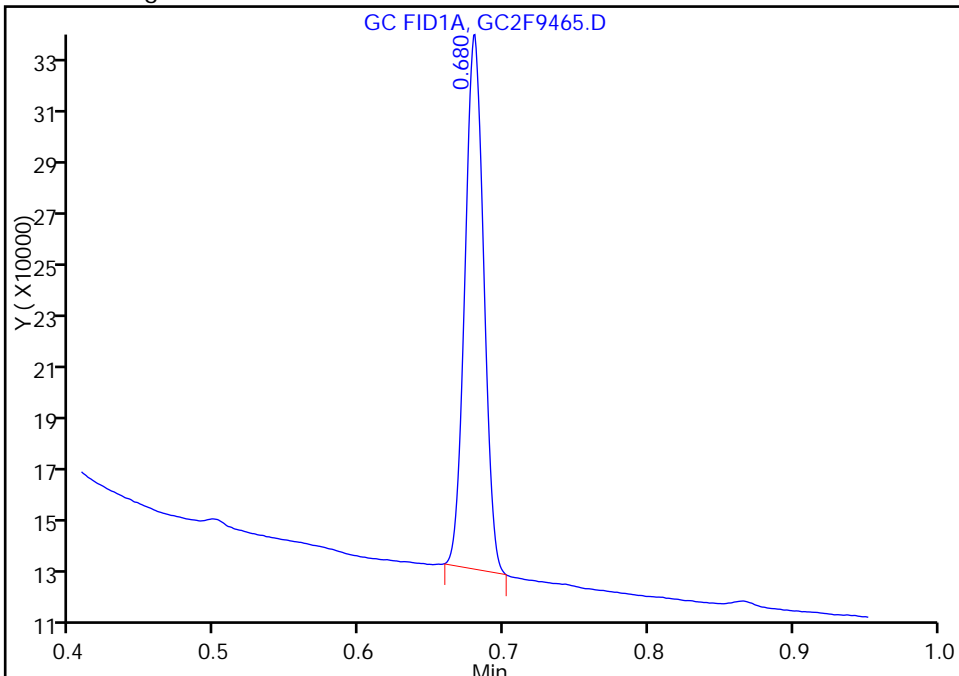
RT: 0.68
Response: 195350
Amount: 8.255691

Processing Integration Results



RT: 0.68
Response: 188052
Amount: 7.947270

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 10:59:42
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-VD Lab Sample ID: 460-72180-2
 Matrix: Solid Lab File ID: GC2F9466.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 09:30
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:48
 Sample wt/vol: 15.01(g) Date Analyzed: 03/12/2014 22:10
 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)	68		5.8	5.8

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\GC2F9466.D
 Lims ID: 460-72180-F-2-A Lab Sample ID: 460-72180-2
 Client ID: PMP-15SW-VD
 Sample Type: Client
 Inject. Date: 12-Mar-2014 22:10:38 ALS Bottle#: 70 Worklist Smp#: 60
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010762-060
 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 10:59:47

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					
0.682	0.676	0.006	344121	14.5	
A 3 C8-C40					
3.770	0.393 -	7.147	25817683	966.4	k
\$ 4 o-Terphenyl					
3.777	3.782	-0.005	683589	14.2	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9466.D

Injection Date: 12-Mar-2014 22:10:38

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-2-A

Lab Sample ID: 460-72180-2

Client ID: PMP-15SW-VD

Operator ID:

ALS Bottle#: 70

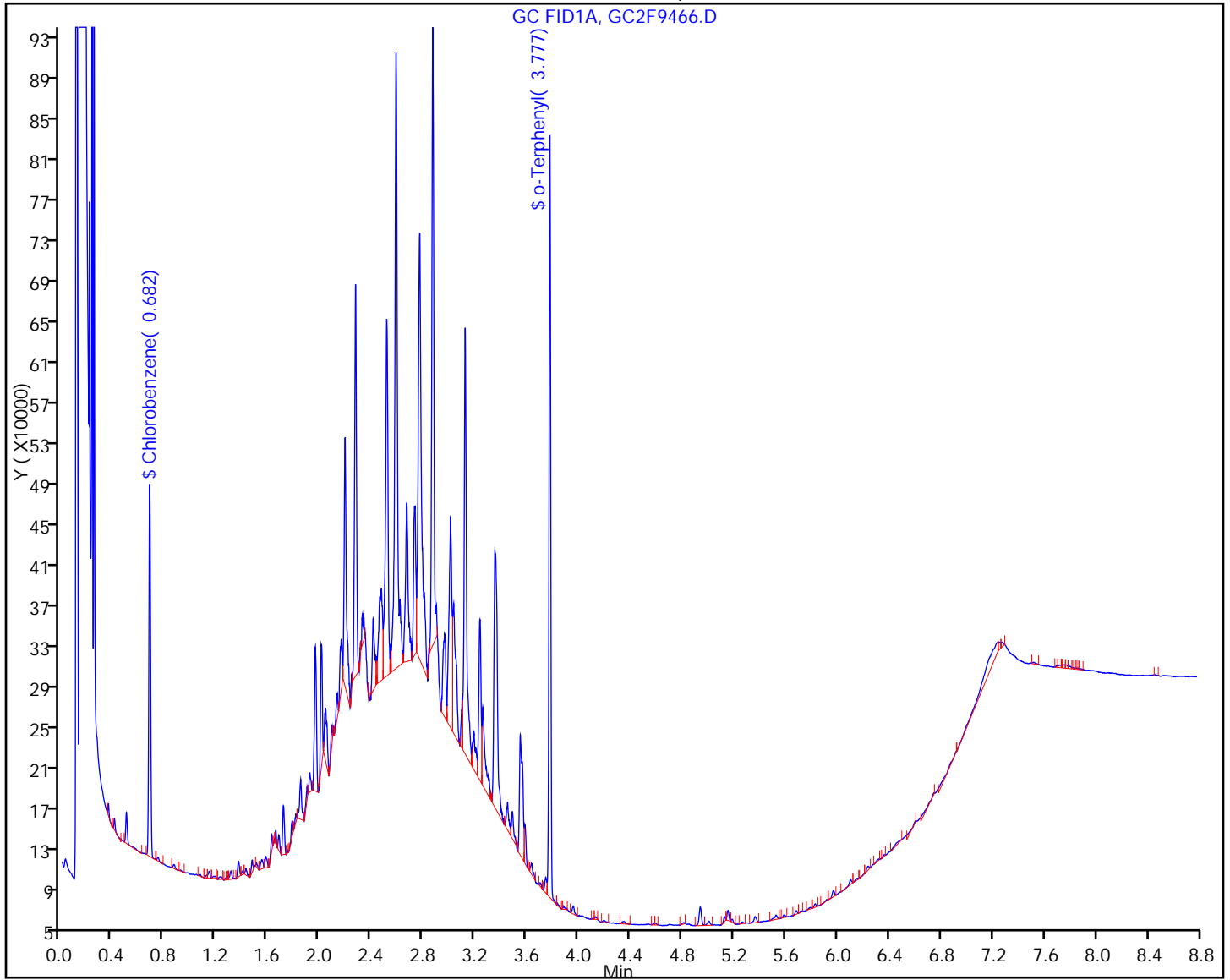
Worklist Smp#: 60

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-WT Lab Sample ID: 460-72180-3
 Matrix: Solid Lab File ID: GC2F9467.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 09:35
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:48
 Sample wt/vol: 15.00(g) Date Analyzed: 03/12/2014 22:24
 Con. Extract Vol.: 1(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 12.7 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)	2900		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\GC2F9467.D
 Lims ID: 460-72180-F-3-A Lab Sample ID: 460-72180-3
 Client ID: PMP-15SW-WT
 Sample Type: Client
 Inject. Date: 12-Mar-2014 22:24:15 ALS Bottle#: 71 Worklist Smp#: 61
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info: 460-0010762-061
 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 07:06:46

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.770 0.393 - 7.147 51456308 1926.1 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9467.D

Injection Date: 12-Mar-2014 22:24:15

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-3-A

Lab Sample ID: 460-72180-3

Client ID: PMP-15SW-WT

Operator ID:

ALS Bottle#: 71

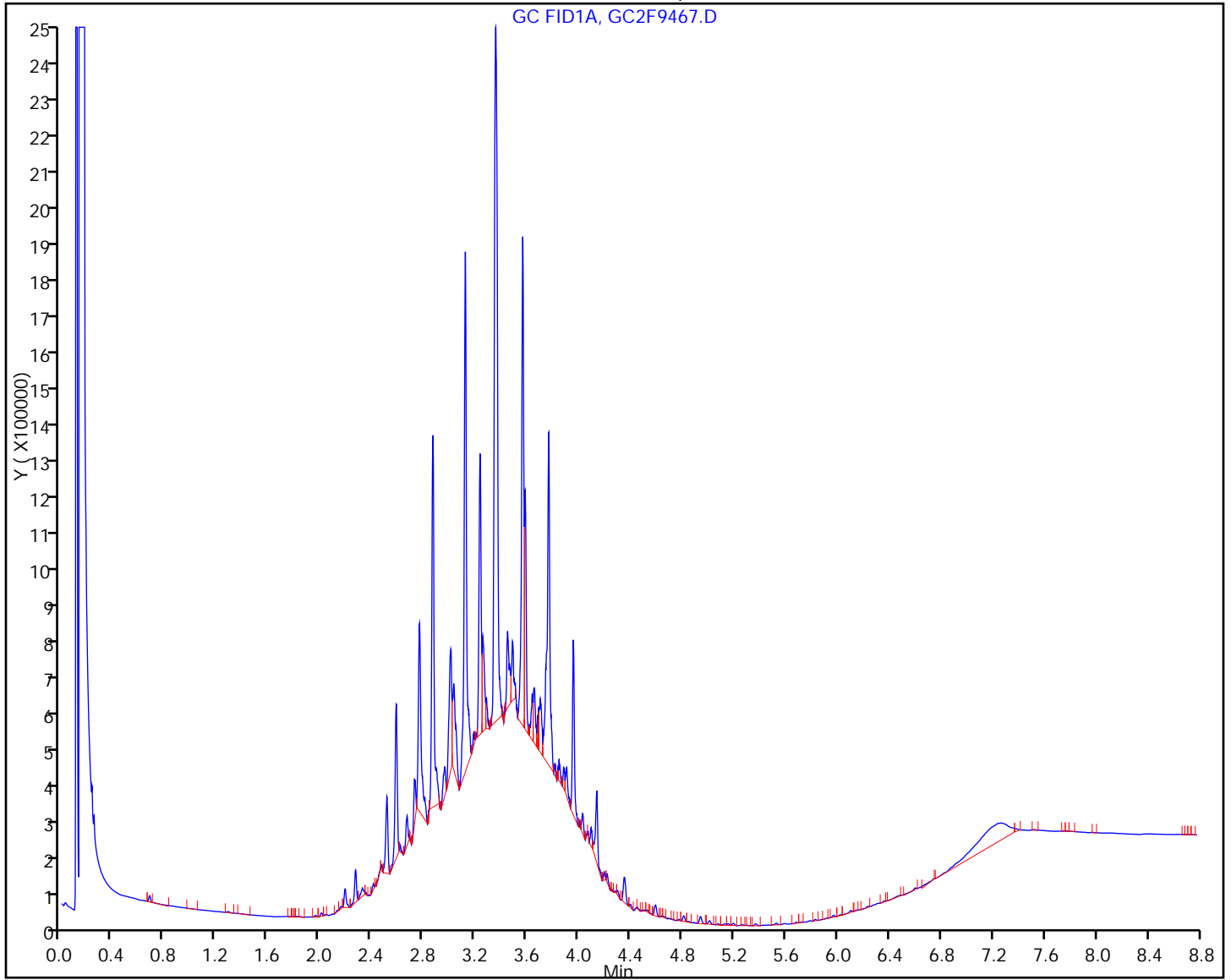
Worklist Smp#: 61

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SI Lab Sample ID: 460-72180-4
 Matrix: Solid Lab File ID: GC2F9490.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 09:40
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 10:50
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 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	44	X	50-105
108-90-7	Chlorobenzene	51		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9490.D
 Lims ID: 460-72180-F-4-A Lab Sample ID: 460-72180-4
 Client ID: PMP-15SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:50:30 ALS Bottle#: 19 Worklist Smp#: 19
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-019
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 12:27:35

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene

0.676 0.678 -0.002 120799 5.11

\$ 4 o-Terphenyl

3.772 3.776 -0.004 211375 4.39

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9490.D

Injection Date: 13-Mar-2014 10:50:30

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-4-A

Lab Sample ID: 460-72180-4

Client ID: PMP-15SW-SI

Operator ID:

ALS Bottle#: 19

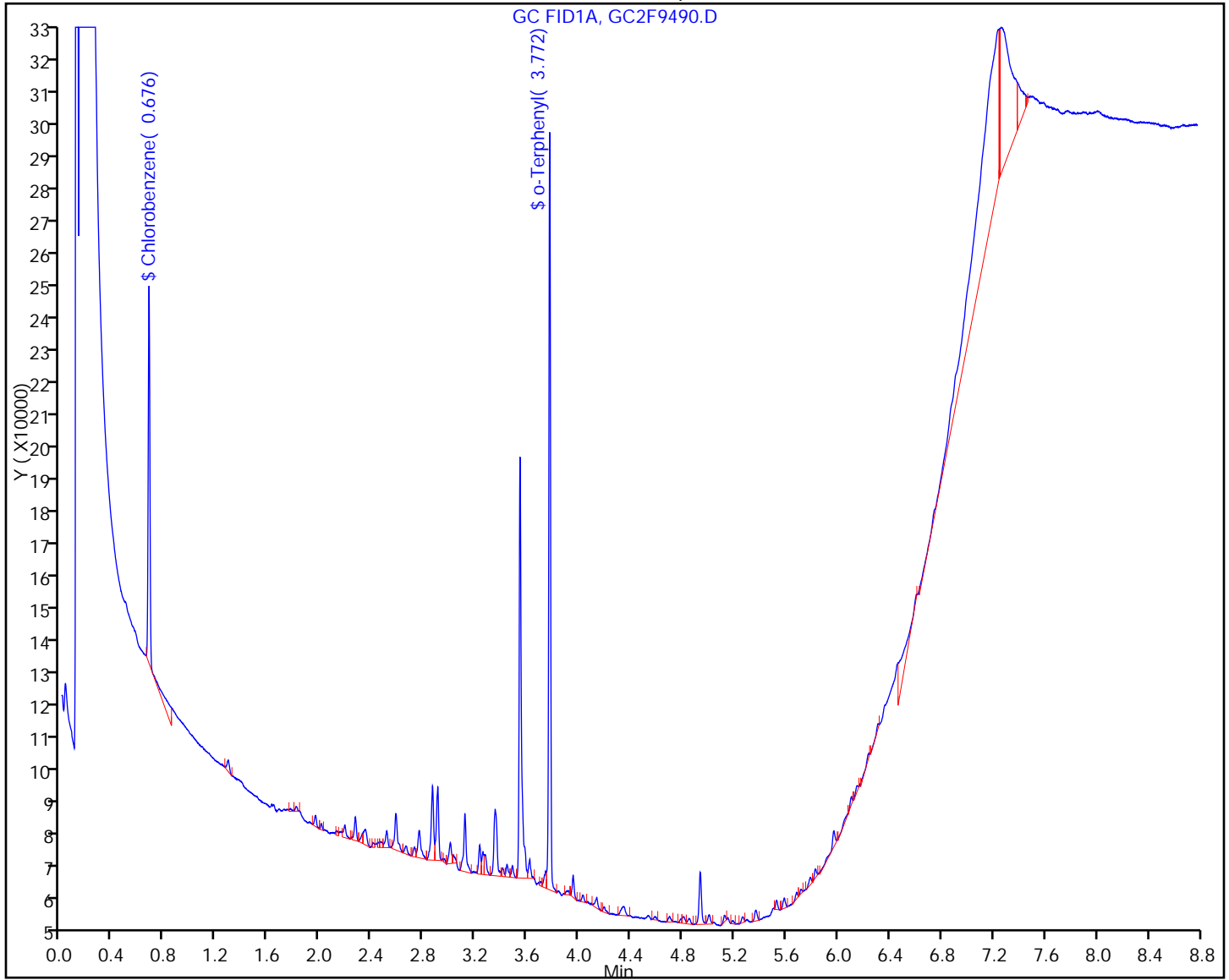
Worklist Smp#: 19

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-15SW-SD Lab Sample ID: 460-72180-5
 Matrix: Solid Lab File ID: GC2F9491.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 09:45
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 11:04
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	10		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		50-105
108-90-7	Chlorobenzene	59		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9491.D
 Lims ID: 460-72180-F-5-A Lab Sample ID: 460-72180-5
 Client ID: PMP-15SW-SD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:04:11 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-020
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:20:57

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					
0.676	0.678	-0.002	279373	11.8	
A 3 C8-C40					
3.765	0.393 -	7.136	3609198	135.1	k
\$ 4 o-Terphenyl					
3.773	3.776	-0.003	527265	10.9	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9491.D

Injection Date: 13-Mar-2014 11:04:11

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-5-A

Lab Sample ID: 460-72180-5

Client ID: PMP-15SW-SD

Operator ID:

ALS Bottle#: 20

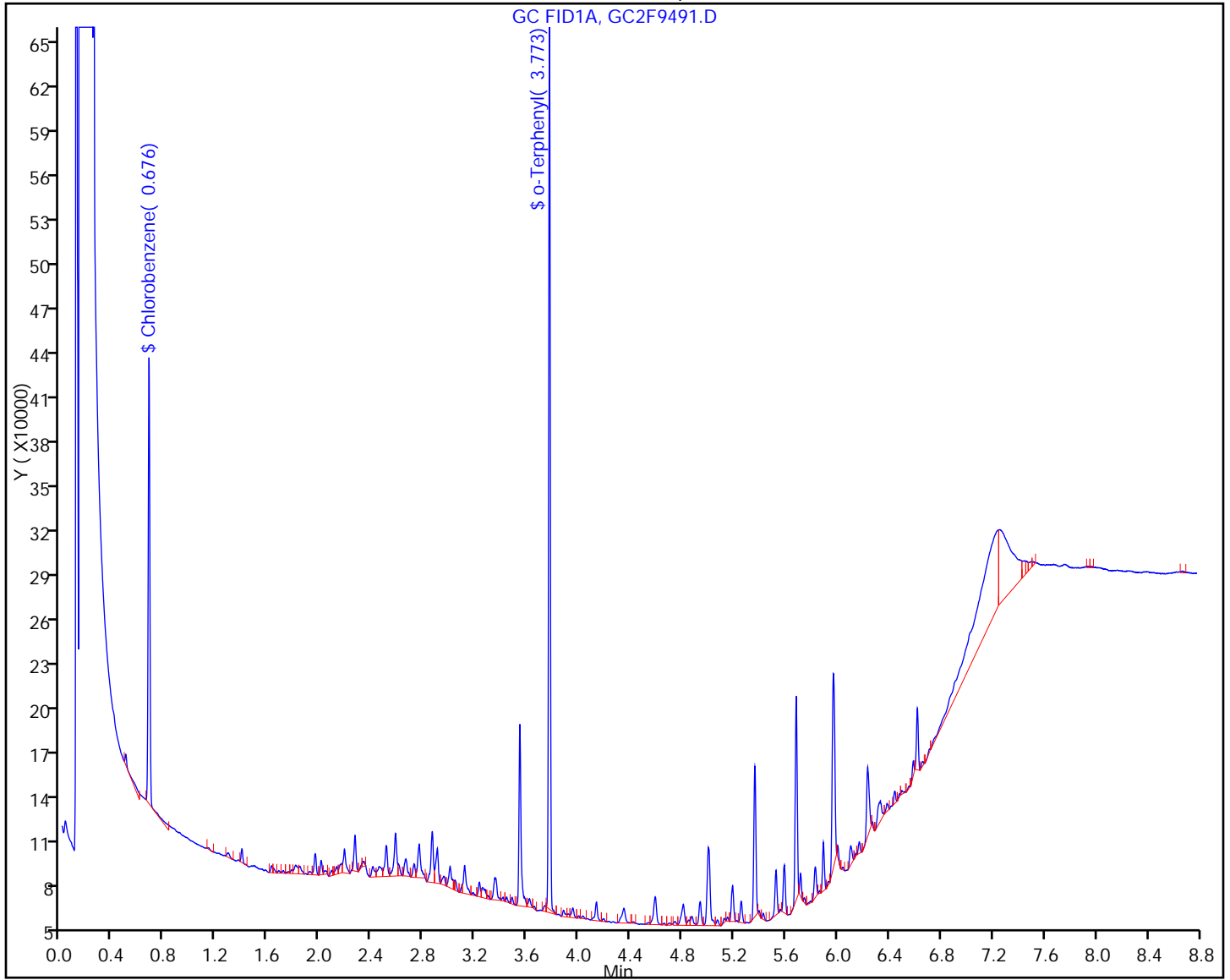
Worklist Smp#: 20

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-WT Lab Sample ID: 460-72180-6
 Matrix: Solid Lab File ID: GC2F9492.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:20
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 11:17
 Con. Extract Vol.: 1(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 12.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2800		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\20140313-10807.b\GC2F9492.D
 Lims ID: 460-72180-F-6-A Lab Sample ID: 460-72180-6
 Client ID: PMP-16SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:17:53 ALS Bottle#: 21 Worklist Smp#: 21
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info: 460-0010807-021
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:21:04

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 48761990 1825.2 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9492.D

Injection Date: 13-Mar-2014 11:17:53

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-6-A

Lab Sample ID: 460-72180-6

Client ID: PMP-16SW-WT

Operator ID:

ALS Bottle#: 21

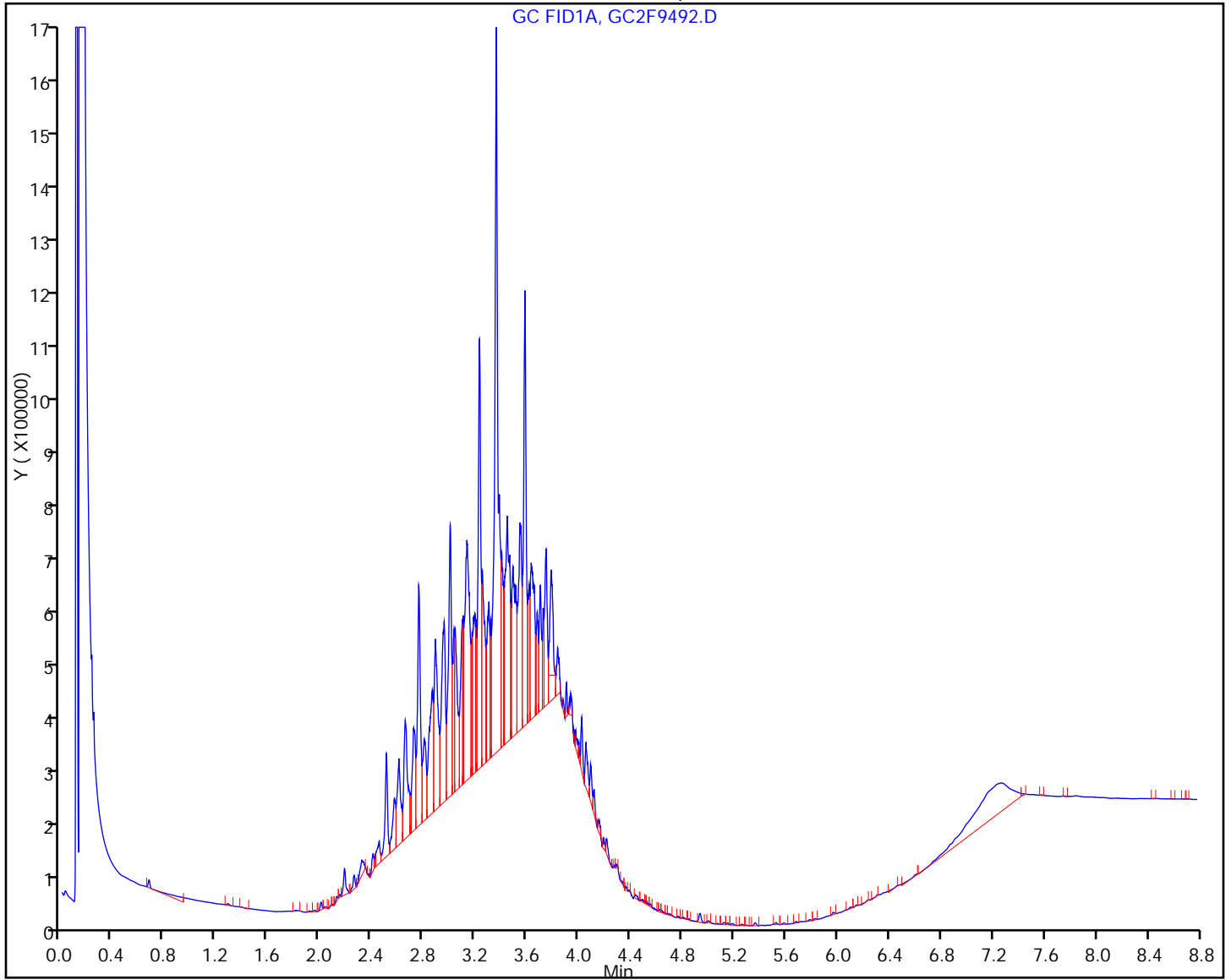
Worklist Smp#: 21

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-16SW-SI Lab Sample ID: 460-72180-7
 Matrix: Solid Lab File ID: GC2F9493.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:25
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.05(g) Date Analyzed: 03/13/2014 11:31
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	820		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		50-105
108-90-7	Chlorobenzene	57		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9493.D
 Lims ID: 460-72180-F-7-A Lab Sample ID: 460-72180-7
 Client ID: PMP-16SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 11:31:39 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010807-022
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:21:24

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					M
0.677	0.678	-0.001	53975	2.28	M
A 3 C8-C40					
3.765	0.393 -	7.136	56291228	2107.0	k
\$ 4 o-Terphenyl					
3.778	3.776	0.002	106118	2.20	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9493.D

Injection Date: 13-Mar-2014 11:31:39

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-7-A

Lab Sample ID: 460-72180-7

Client ID: PMP-16SW-SI

Operator ID:

ALS Bottle#: 22

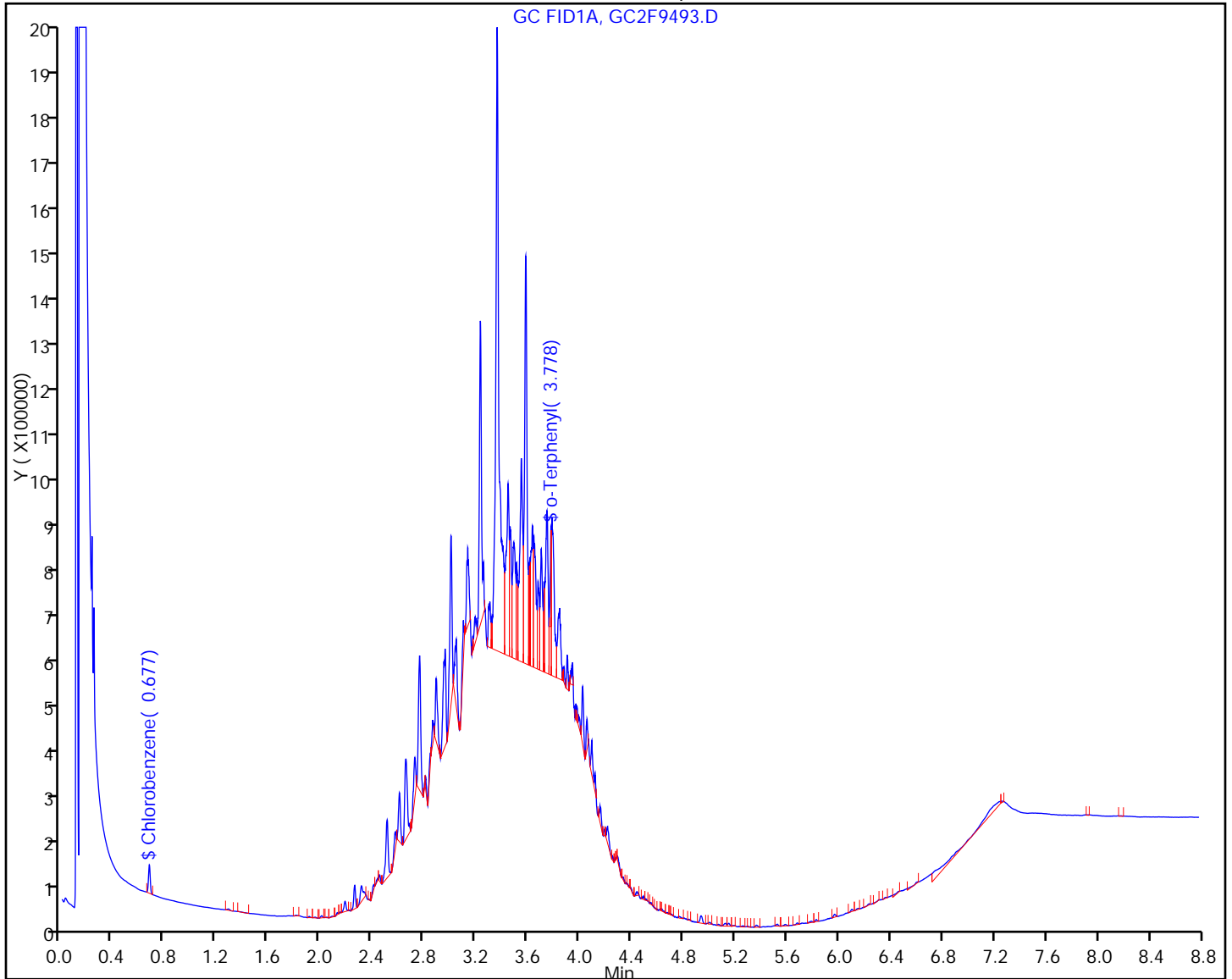
Worklist Smp#: 22

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



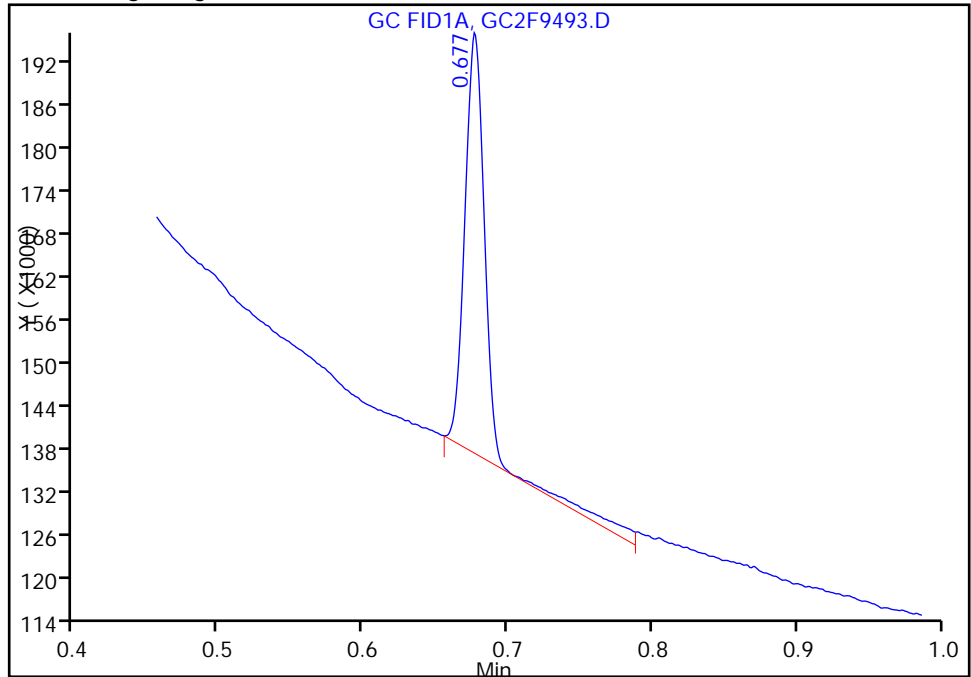
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9493.D
Injection Date: 13-Mar-2014 11:31:39 Instrument ID: CBNAGC2
Lims ID: 460-72180-F-7-A Lab Sample ID: 460-72180-7
Client ID: PMP-16SW-SI
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22
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

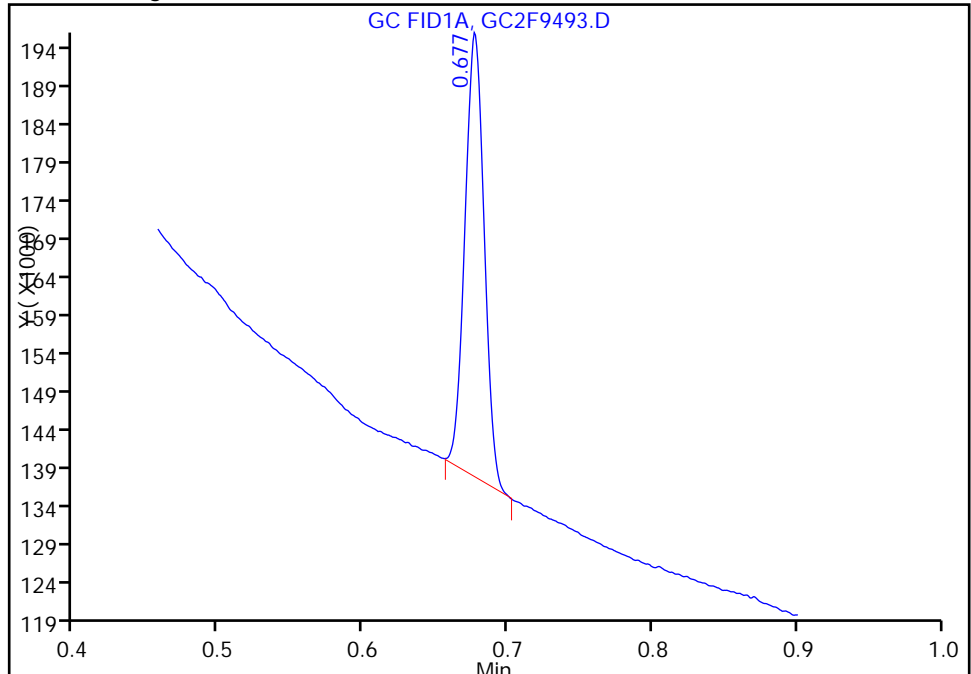
RT: 0.68
Response: 58597
Amount: 2.476369

Processing Integration Results



RT: 0.68
Response: 53975
Amount: 2.281039

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:21:24
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Matrix: Solid Lab File ID: GC2F9496.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:35
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.05(g) Date Analyzed: 03/13/2014 12:12
 Con. Extract Vol.: 1(mL) Dilution Factor: 25
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 13.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3000		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\20140313-10807.b\GC2F9496.D
 Lims ID: 460-72180-F-8-A Lab Sample ID: 460-72180-8
 Client ID: PMP-17SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 12:12:37 ALS Bottle#: 23 Worklist Smp#: 25
 Injection Vol: 1.0 ul Dil. Factor: 25.0000
 Sample Info: 460-0010807-025
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:21:44

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 42061560 1574.4 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9496.D

Injection Date: 13-Mar-2014 12:12:37

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-8-A

Lab Sample ID: 460-72180-8

Client ID: PMP-17SW-WT

Operator ID:

ALS Bottle#: 23

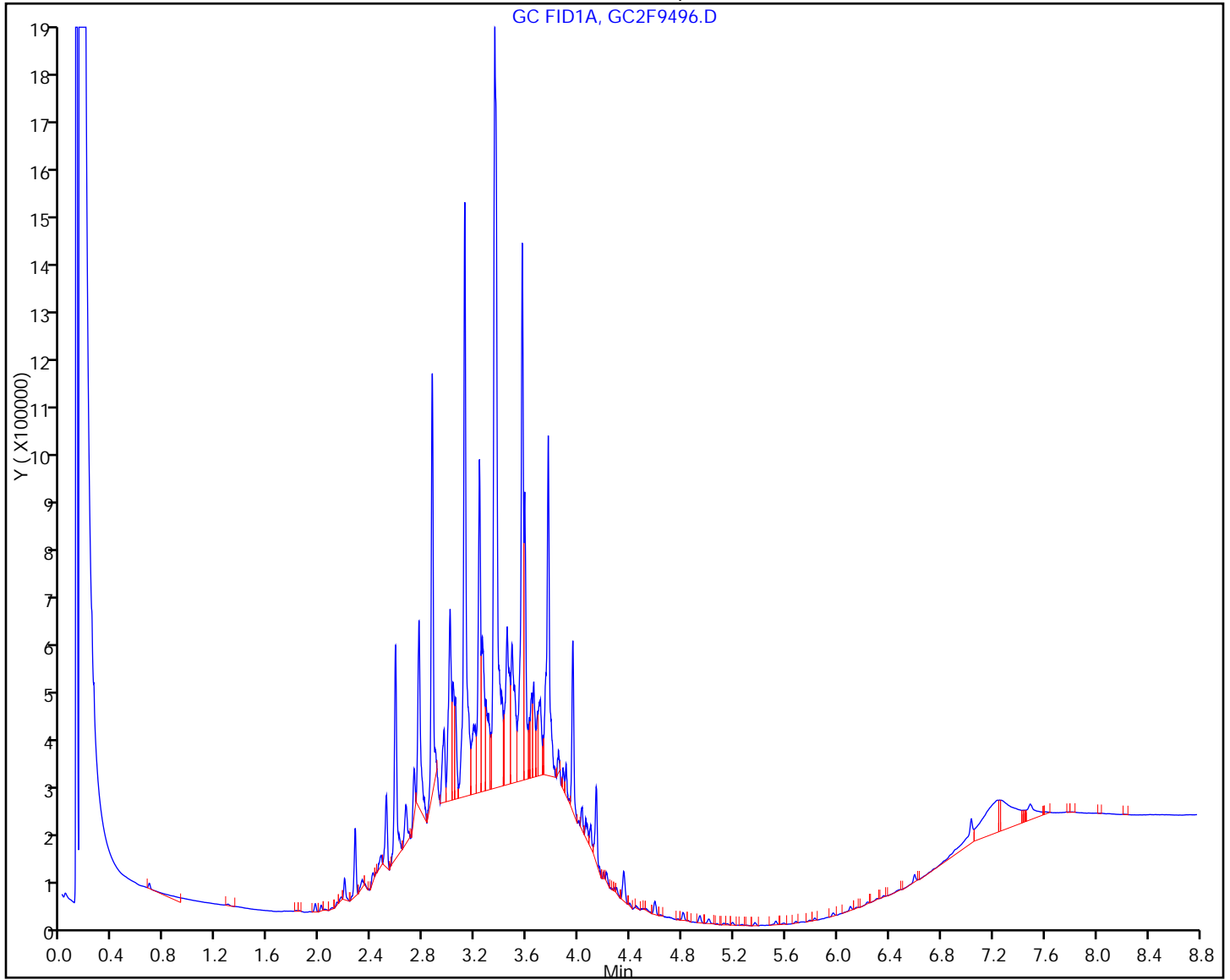
Worklist Smp#: 25

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI Lab Sample ID: 460-72180-9
 Matrix: Solid Lab File ID: GC2F9489.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:40
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 10:36
 Con. Extract Vol.: 1(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1100		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\20140313-10807.b\GC2F9489.D
 Lims ID: 460-72180-F-9-C Lab Sample ID: 460-72180-9
 Client ID: PMP-17SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 10:36:42 ALS Bottle#: 18 Worklist Smp#: 18
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010807-018
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:20:47

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 36614434 1370.5 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9489.D

Injection Date: 13-Mar-2014 10:36:42

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-9-C

Lab Sample ID: 460-72180-9

Client ID: PMP-17SW-SI

Operator ID:

ALS Bottle#: 18

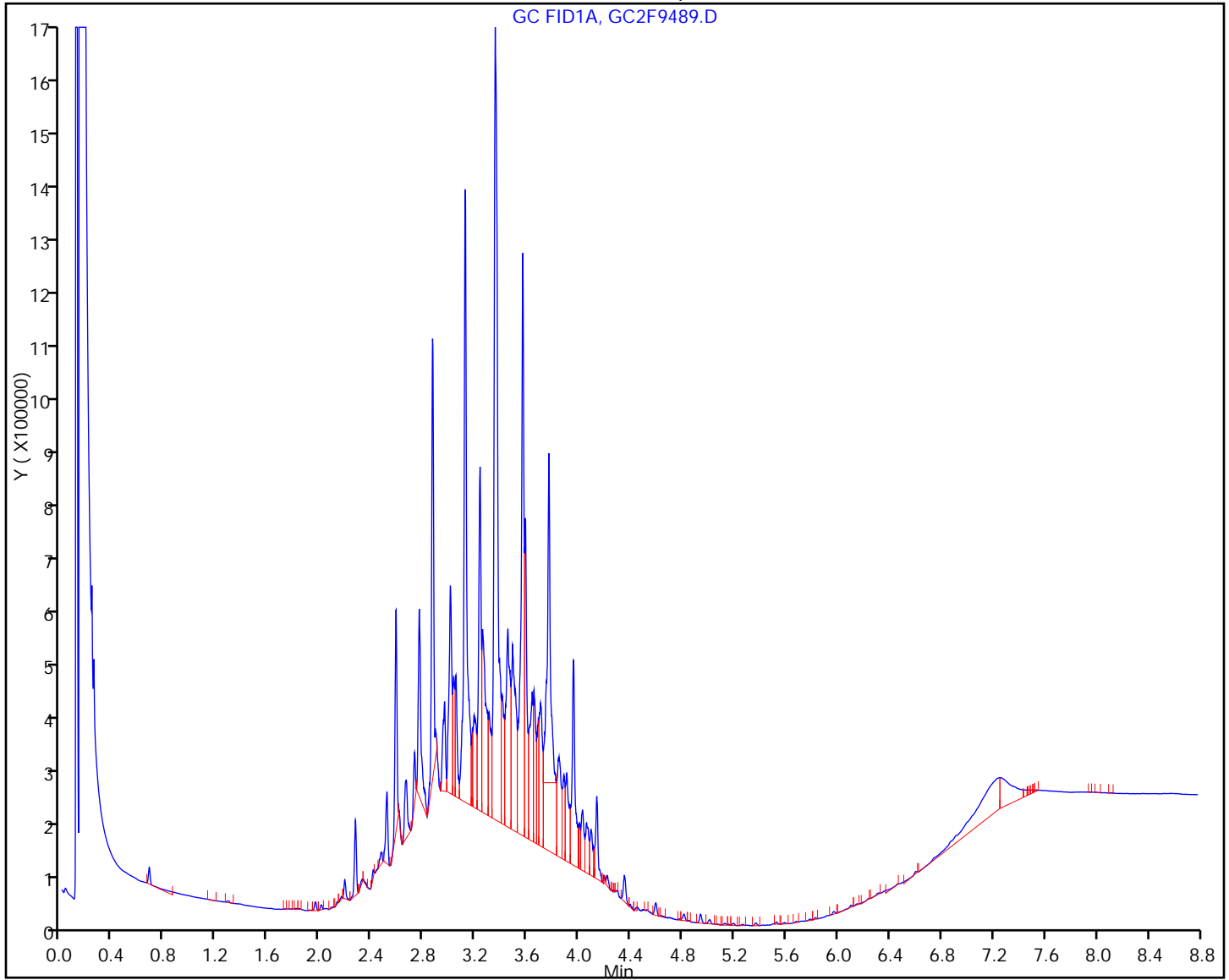
Worklist Smp#: 18

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-VD Lab Sample ID: 460-72180-10
 Matrix: Solid Lab File ID: GC2F9497.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:35
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 12:26
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 6.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	650		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	60		50-105
108-90-7	Chlorobenzene	64		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9497.D
 Lims ID: 460-72180-F-10-A Lab Sample ID: 460-72180-10
 Client ID: PMP-18SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 12:26:17 ALS Bottle#: 24 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010807-026
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:22:11

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene	0.677	0.678	-0.001	60136	2.54	
A 3 C8-C40	3.765	0.393 -	7.136	49203960	1841.8	k
\$ 4 o-Terphenyl	3.776	3.776	0.0	115073	2.39	M

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9497.D

Injection Date: 13-Mar-2014 12:26:17

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-10-A

Lab Sample ID: 460-72180-10

Client ID: PMP-18SW-VD

Operator ID:

ALS Bottle#: 24

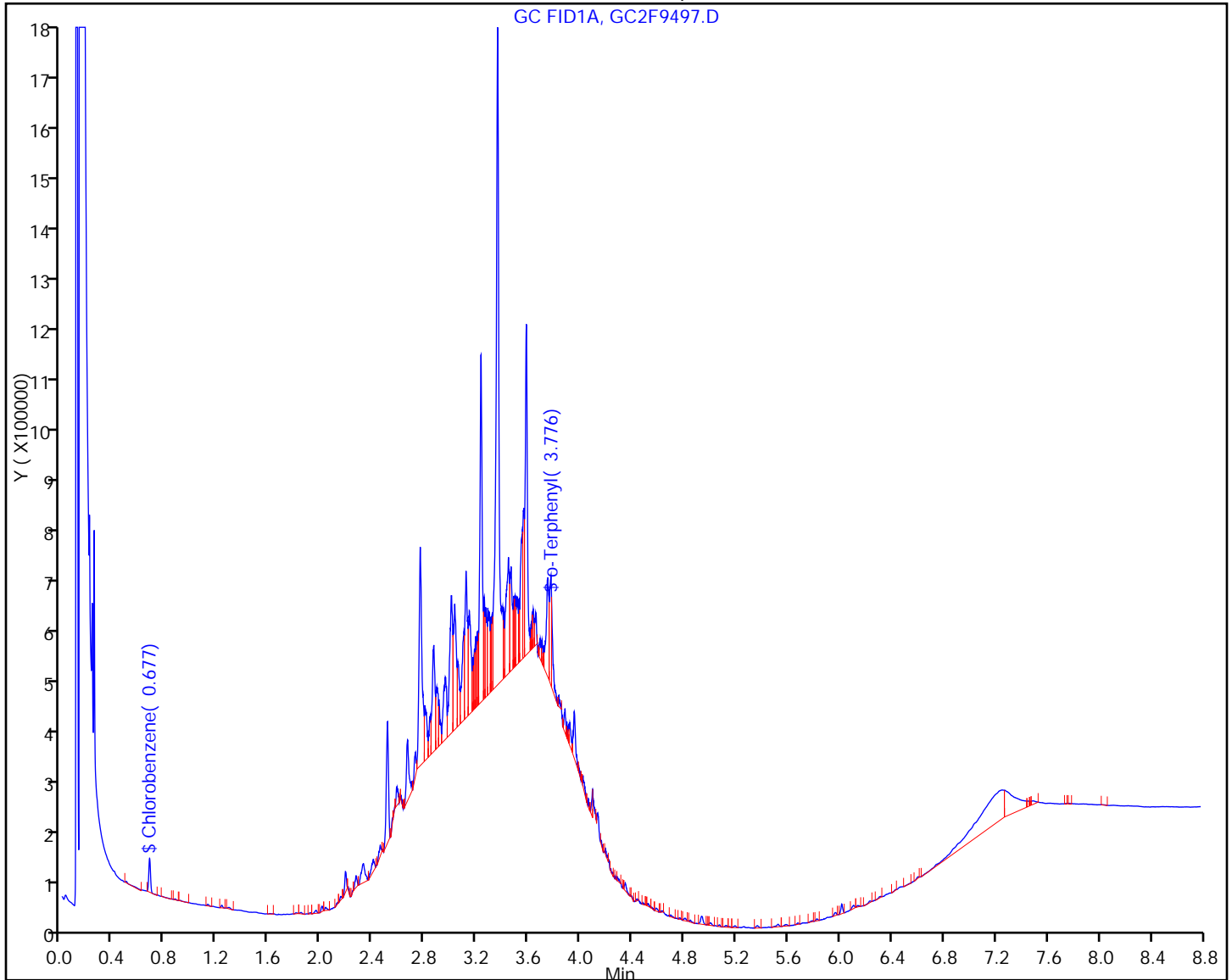
Worklist Smp#: 26

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



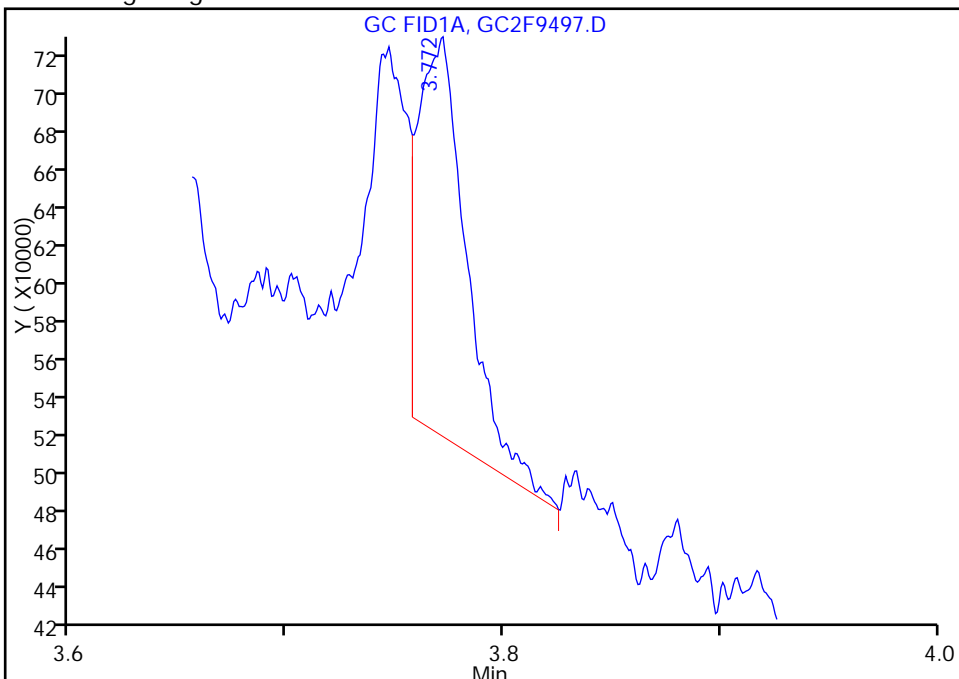
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9497.D
Injection Date: 13-Mar-2014 12:26:17 Instrument ID: CBNAGC2
Lims ID: 460-72180-F-10-A Lab Sample ID: 460-72180-10
Client ID: PMP-18SW-VD
Operator ID: ALS Bottle#: 24 Worklist Smp#: 26
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

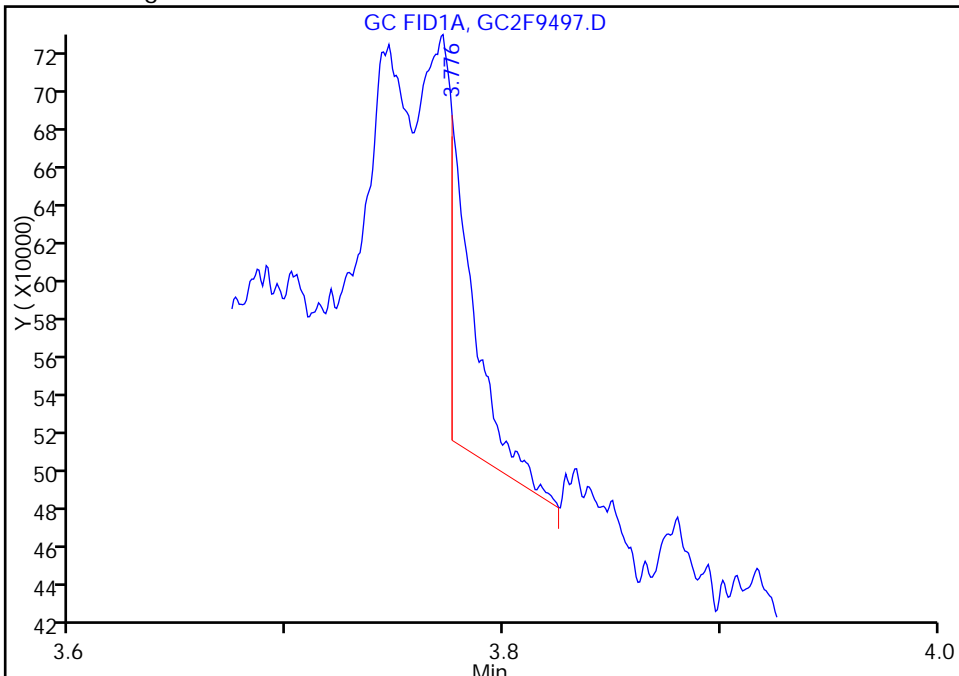
RT: 3.77
Response: 313396
Amount: 6.508354

Processing Integration Results



RT: 3.78
Response: 115073
Amount: 2.389743

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:22:11
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-WT Lab Sample ID: 460-72180-11
 Matrix: Solid Lab File ID: GC2F9498.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:00
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 12:39
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 13.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	680		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	51		50-105
108-90-7	Chlorobenzene	52		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9498.D
 Lims ID: 460-72180-F-11-A Lab Sample ID: 460-72180-11
 Client ID: PMP-18SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 12:39:55 ALS Bottle#: 25 Worklist Smp#: 27
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010807-027
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:22:40

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					M
0.676	0.678	-0.002	49001	2.07	M
A 3 C8-C40					
3.765	0.393 - 7.136		47506131	1778.2	k
\$ 4 o-Terphenyl					M
3.774	3.776	-0.002	97827	2.03	M

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9498.D

Injection Date: 13-Mar-2014 12:39:55

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-11-A

Lab Sample ID: 460-72180-11

Client ID: PMP-18SW-WT

Operator ID:

ALS Bottle#: 25

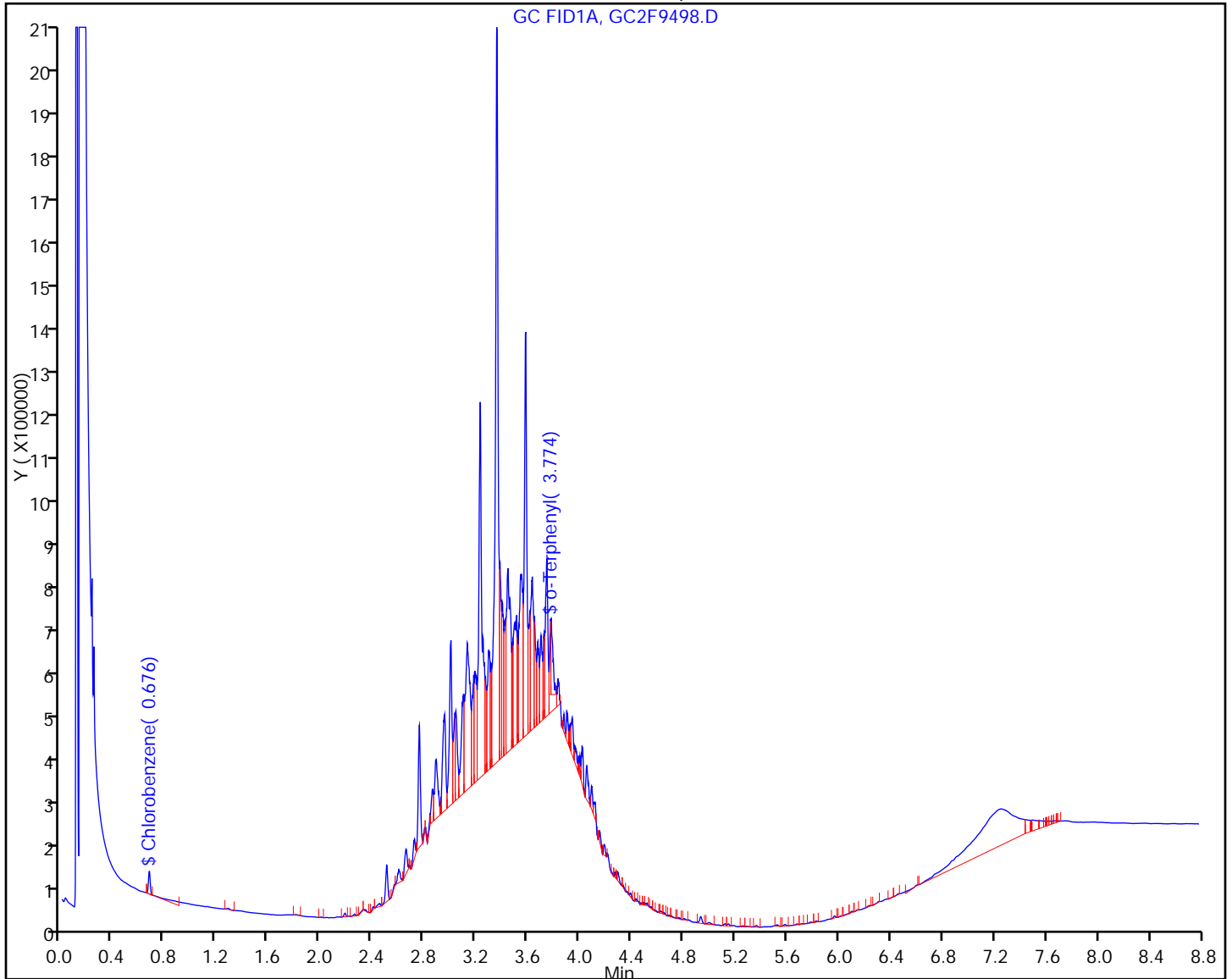
Worklist Smp#: 27

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



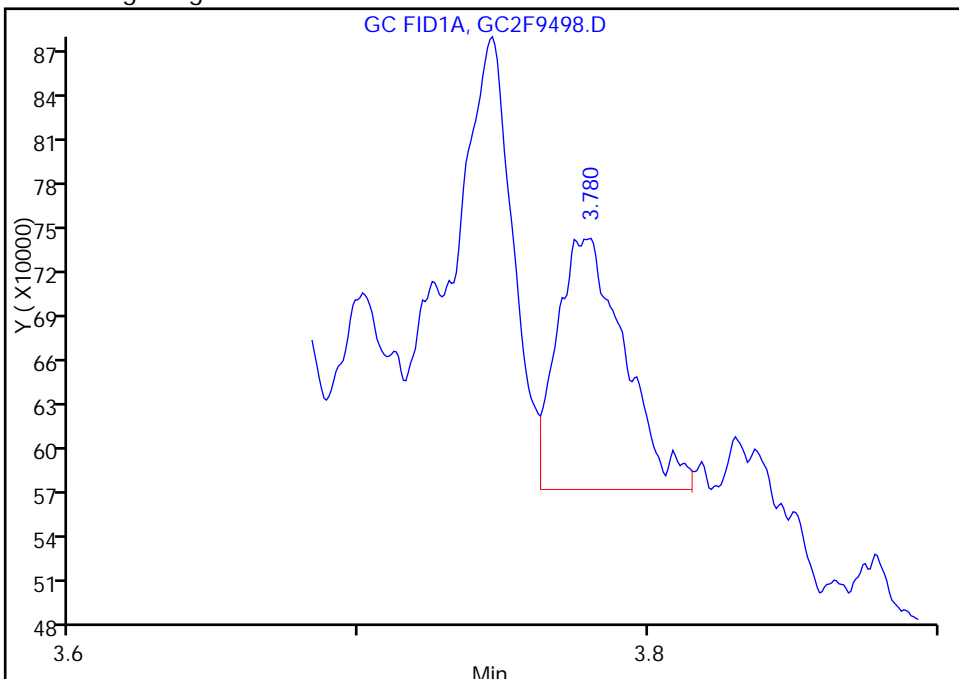
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9498.D
Injection Date: 13-Mar-2014 12:39:55 Instrument ID: CBNAGC2
Lims ID: 460-72180-F-11-A Lab Sample ID: 460-72180-11
Client ID: PMP-18SW-WT
Operator ID: ALS Bottle#: 25 Worklist Smp#: 27
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

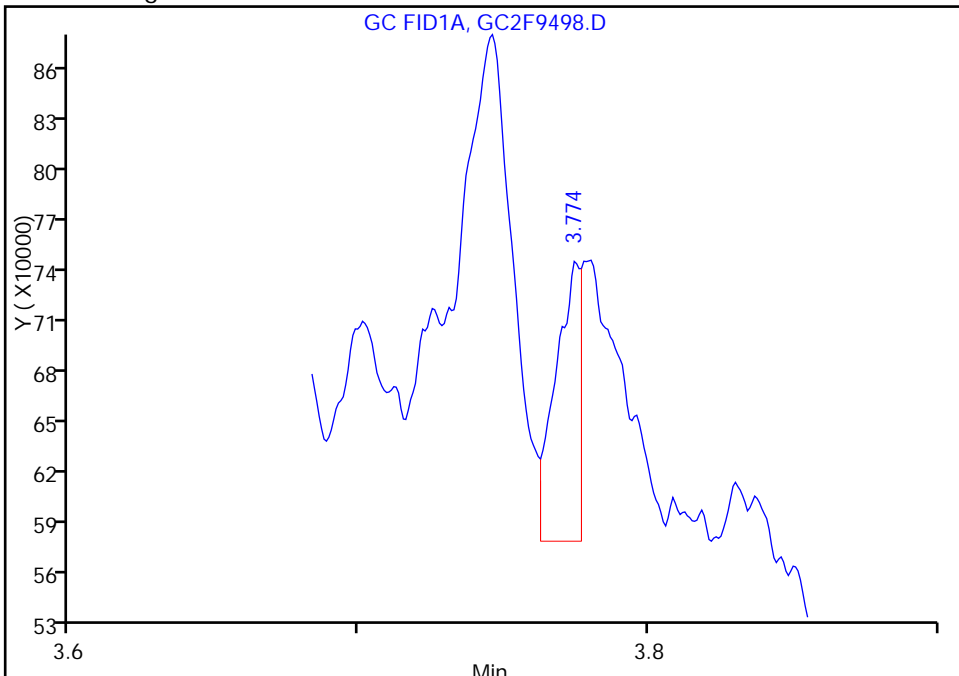
RT: 3.78
Response: 271967
Amount: 5.647990

Processing Integration Results



RT: 3.77
Response: 97827
Amount: 2.031592

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:22:40
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

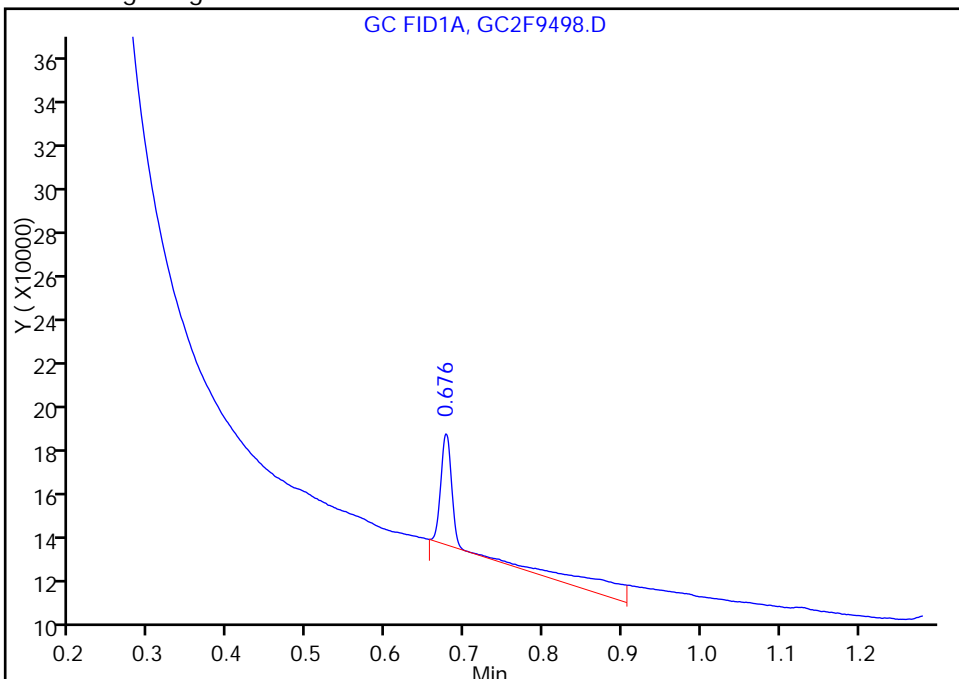
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9498.D
Injection Date: 13-Mar-2014 12:39:55 Instrument ID: CBNAGC2
Lims ID: 460-72180-F-11-A Lab Sample ID: 460-72180-11
Client ID: PMP-18SW-WT
Operator ID: ALS Bottle#: 25 Worklist Smp#: 27
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

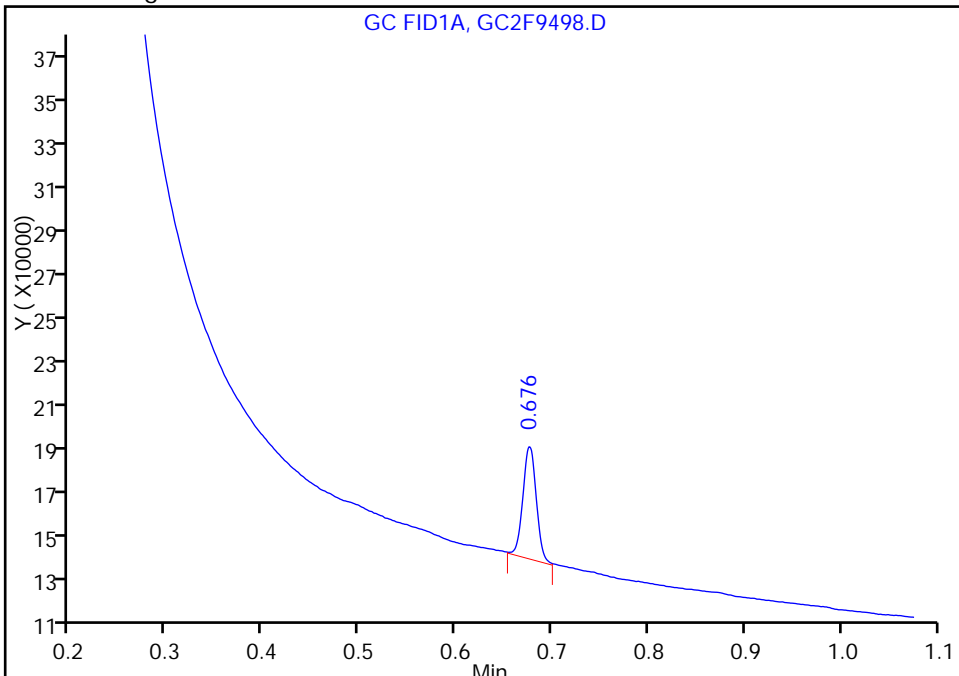
RT: 0.68
Response: 86309
Amount: 3.647507

Processing Integration Results



RT: 0.68
Response: 49001
Amount: 2.070833

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:22:40
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Matrix: Solid Lab File ID: GC2F9499.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:05
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/13/2014 12:53
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-5MS ID: 0.25 (mm)
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	56		6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		50-105
108-90-7	Chlorobenzene	61		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9499.D
 Lims ID: 460-72180-F-12-A Lab Sample ID: 460-72180-12
 Client ID: PMP-18SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 12:53:31 ALS Bottle#: 26 Worklist Smp#: 28
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-028
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:22:49

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene

0.677 0.678 -0.001 287617 12.2

A 3 C8-C40

3.765 0.393 - 7.136 19107544 715.2 k

\$ 4 o-Terphenyl

3.773 3.776 -0.003 770206 16.0

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9499.D

Injection Date: 13-Mar-2014 12:53:31

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-12-A

Lab Sample ID: 460-72180-12

Client ID: PMP-18SW-SI

Operator ID:

ALS Bottle#: 26

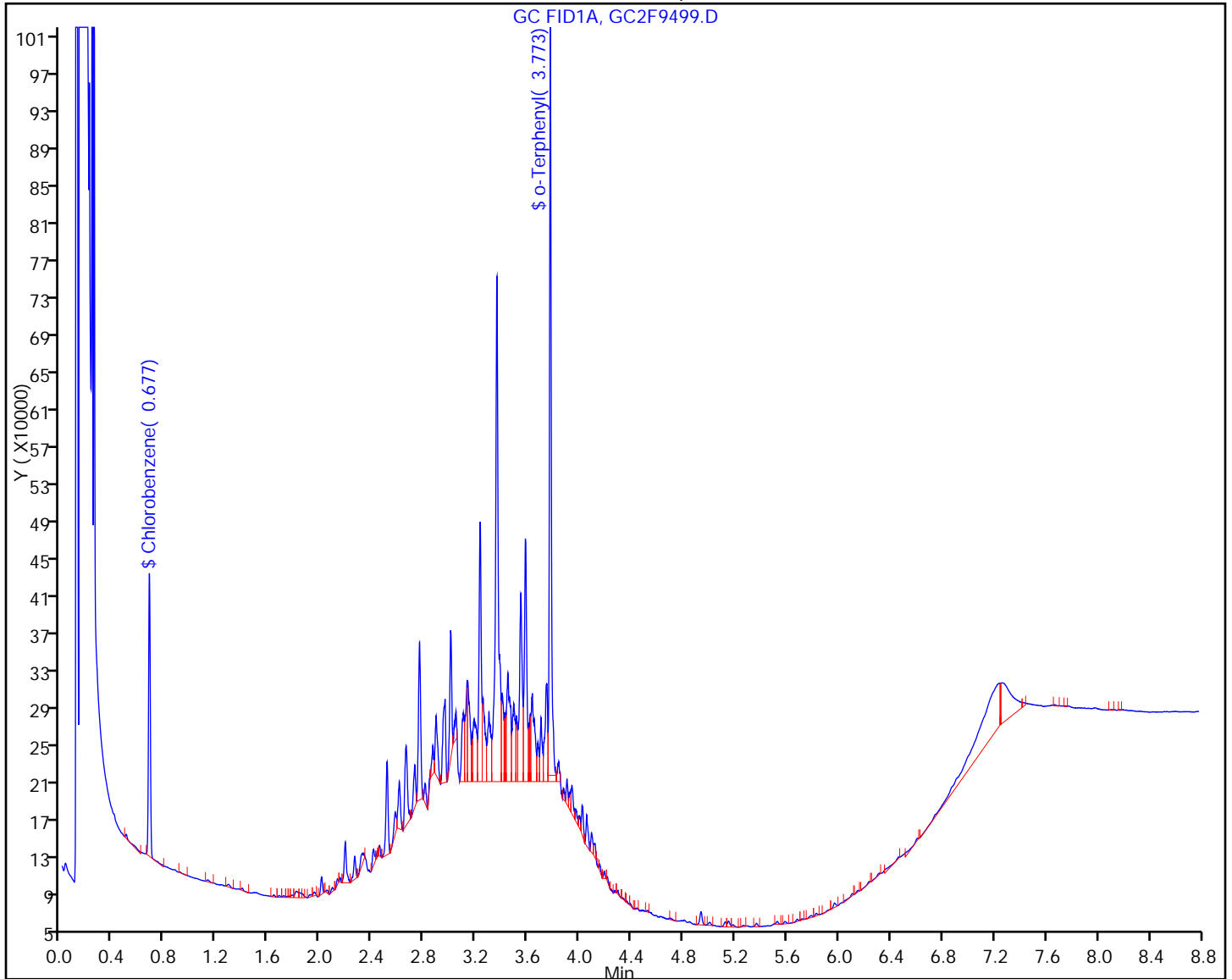
Worklist Smp#: 28

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-VD Lab Sample ID: 460-72180-13
 Matrix: Solid Lab File ID: GC2F9500.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:00
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 13:07
 Con. Extract Vol.: 1(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 6.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	700		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	87		50-105
108-90-7	Chlorobenzene	75		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9500.D
 Lims ID: 460-72180-F-13-A Lab Sample ID: 460-72180-13
 Client ID: PMP-19SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 13:07:05 ALS Bottle#: 27 Worklist Smp#: 29
 Injection Vol: 1.0 ul Dil. Factor: 5.0000
 Sample Info: 460-0010807-029
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 14:58:17

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
\$ 5 Chlorobenzene					
0.677	0.678	-0.001	71426	3.02	M
A 3 C8-C40					
3.765	0.393 -	7.136	52663898	1971.3	k
\$ 4 o-Terphenyl					
3.767	3.776	-0.009	168332	3.50	M

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9500.D

Injection Date: 13-Mar-2014 13:07:05

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-13-A

Lab Sample ID: 460-72180-13

Client ID: PMP-19SW-VD

Operator ID:

ALS Bottle#: 27

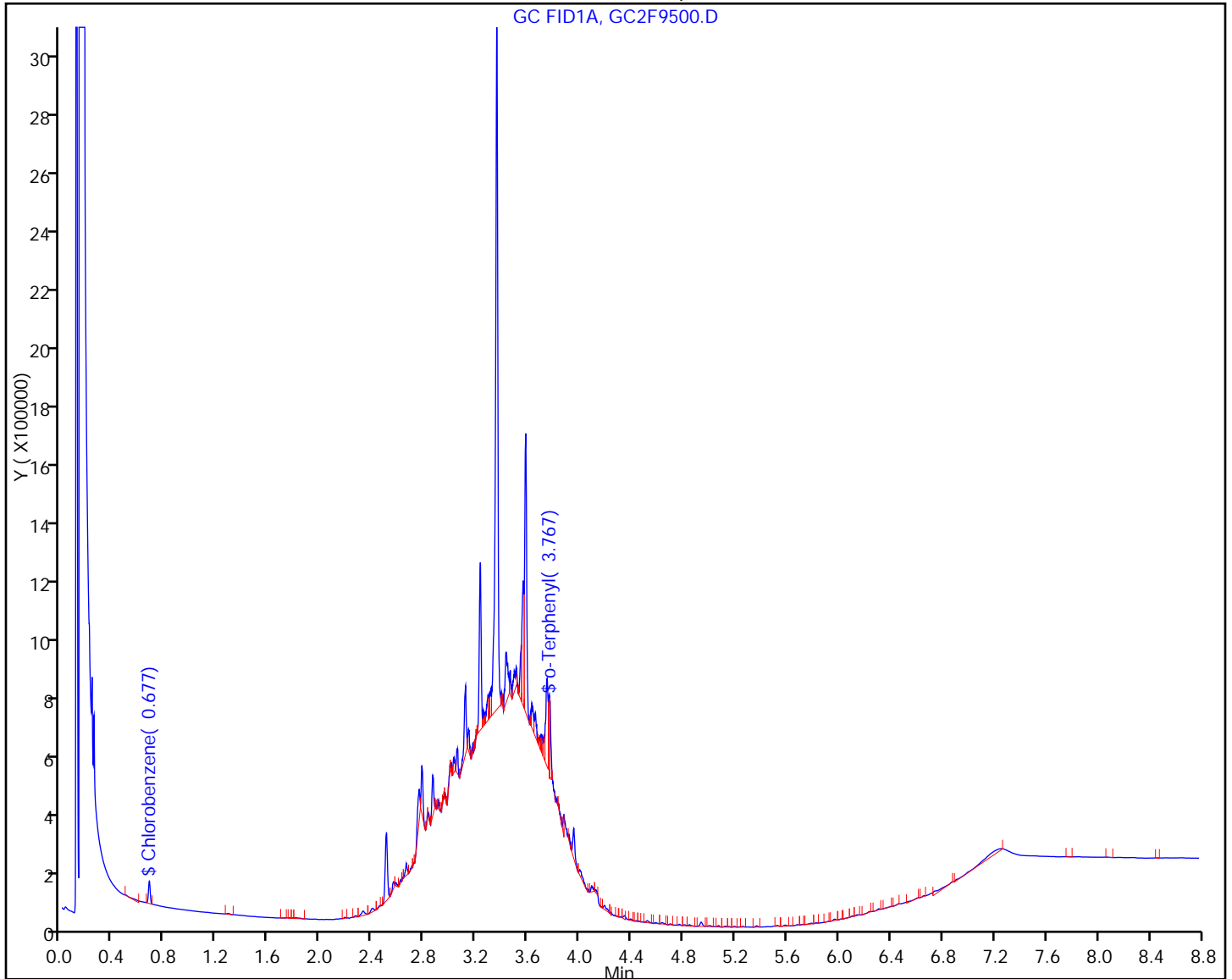
Worklist Smp#: 29

Injection Vol: 1.0 ul

Dil. Factor: 5.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



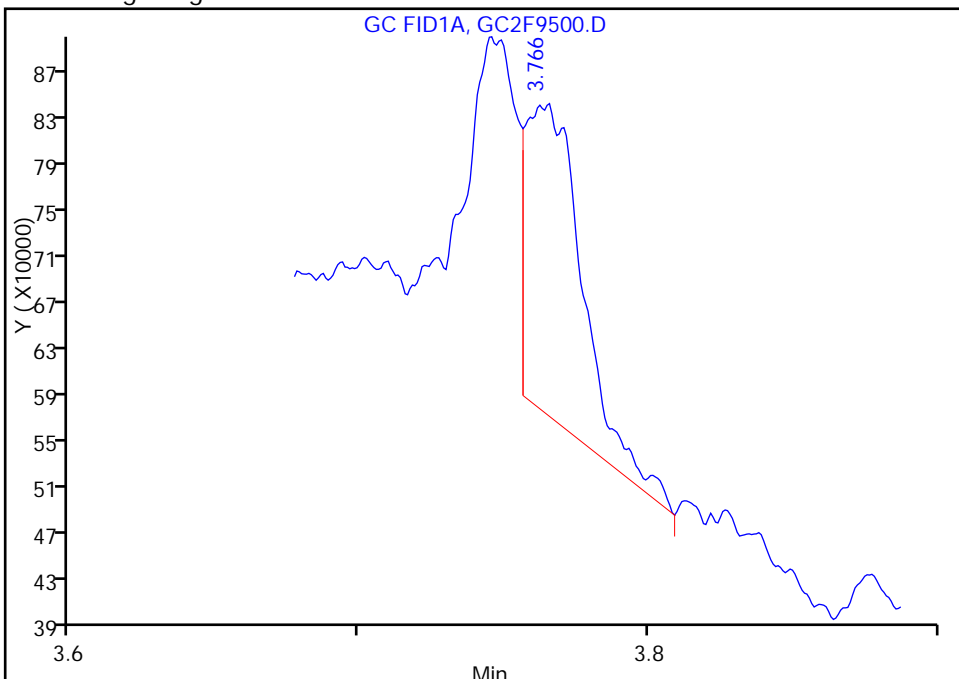
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9500.D				
Injection Date:	13-Mar-2014 13:07:05	Instrument ID:	CBNAGC2		
Lims ID:	460-72180-F-13-A	Lab Sample ID:	460-72180-13		
Client ID:	PMP-19SW-VD				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	29
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

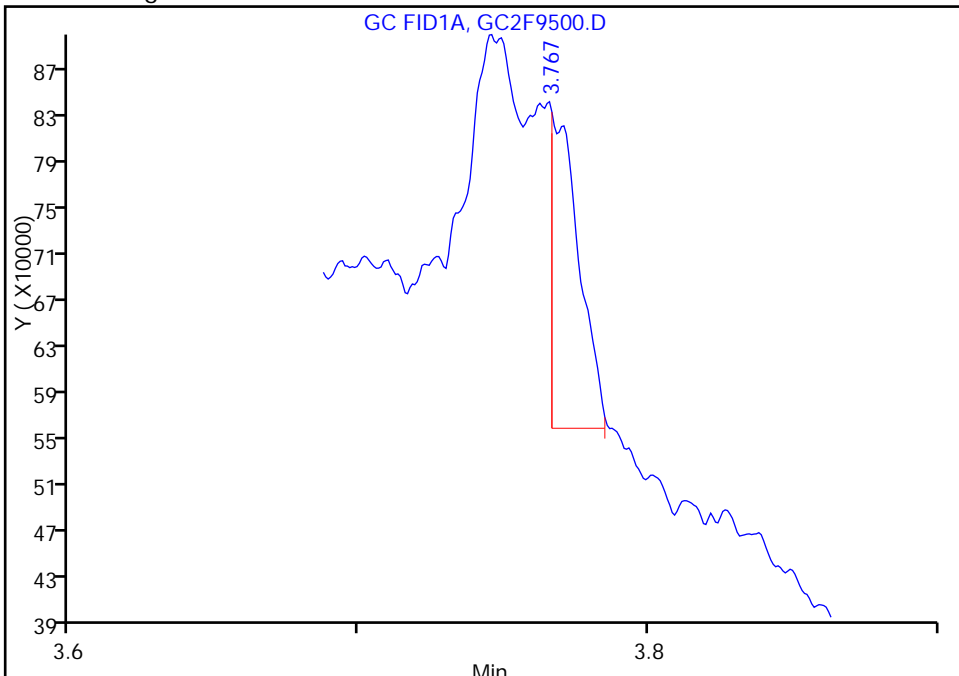
RT: 3.77
Response: 355753
Amount: 7.387990

Processing Integration Results



RT: 3.77
Response: 168332
Amount: 3.495783

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:23:33
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

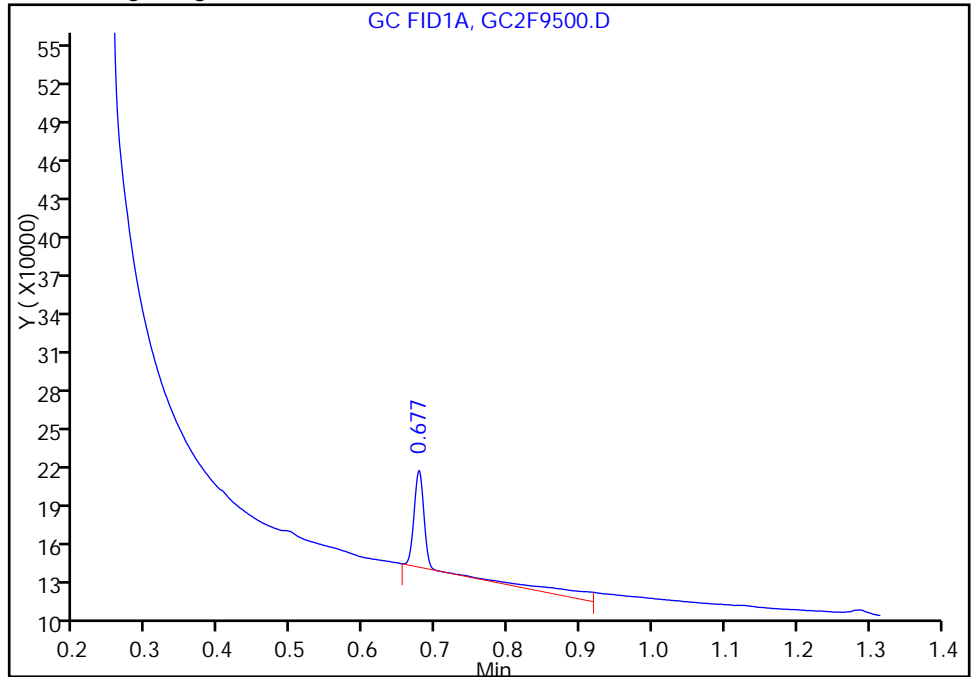
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9500.D
Injection Date: 13-Mar-2014 13:07:05 Instrument ID: CBNAGC2
Lims ID: 460-72180-F-13-A Lab Sample ID: 460-72180-13
Client ID: PMP-19SW-VD
Operator ID: ALS Bottle#: 27 Worklist Smp#: 29
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

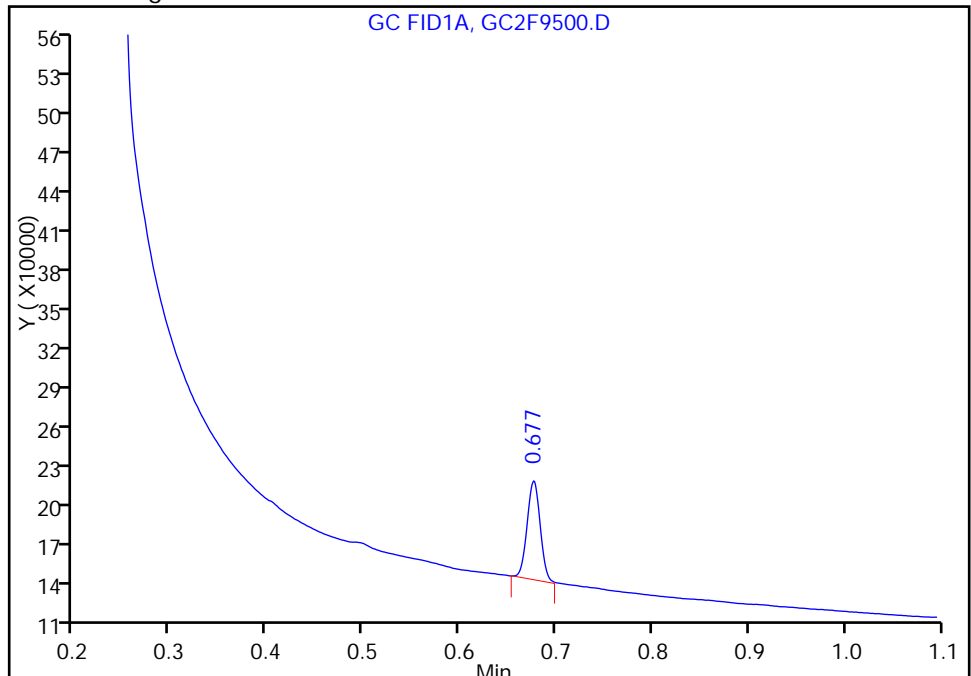
RT: 0.68
Response: 104013
Amount: 4.395696

Processing Integration Results



RT: 0.68
Response: 71426
Amount: 3.018536

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:23:33
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-WT Lab Sample ID: 460-72180-14
 Matrix: Solid Lab File ID: GC2F9501.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:05
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 13:20
 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.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	3100		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\20140313-10807.b\GC2F9501.D
 Lims ID: 460-72180-F-14-A Lab Sample ID: 460-72180-14
 Client ID: PMP-19SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 13:20:43 ALS Bottle#: 28 Worklist Smp#: 30
 Injection Vol: 1.0 ul Dil. Factor: 25.0000
 Sample Info: 460-0010807-030
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:23:43

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 43232290 1618.2 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9501.D

Injection Date: 13-Mar-2014 13:20:43

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-14-A

Lab Sample ID: 460-72180-14

Client ID: PMP-19SW-WT

Operator ID:

ALS Bottle#: 28

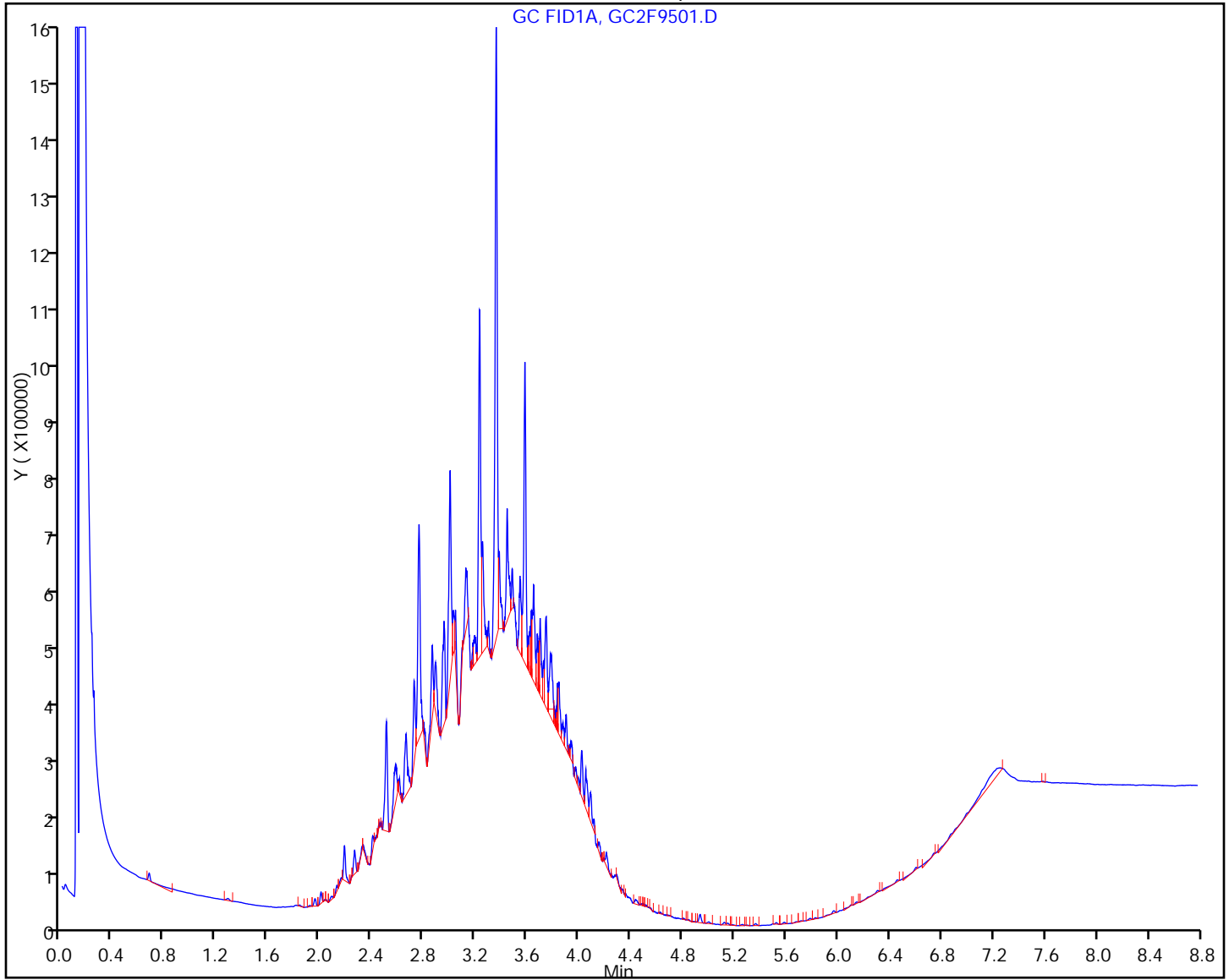
Worklist Smp#: 30

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-19SW-SI Lab Sample ID: 460-72180-15
 Matrix: Solid Lab File ID: GC2F9502.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:10
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 13:34
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	10		6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	68		50-105
108-90-7	Chlorobenzene	68		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9502.D
 Lims ID: 460-72180-F-15-A Lab Sample ID: 460-72180-15
 Client ID: PMP-19SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 13:34:22 ALS Bottle#: 29 Worklist Smp#: 31
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-031
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:23:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.677 0.678 -0.001 321635 13.6
 A 3 C8-C40
 3.765 0.393 - 7.136 3422019 128.1 k
 \$ 4 o-Terphenyl
 3.770 3.776 -0.006 650396 13.5

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9502.D

Injection Date: 13-Mar-2014 13:34:22

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-15-A

Lab Sample ID: 460-72180-15

Client ID: PMP-19SW-SI

Operator ID:

ALS Bottle#: 29

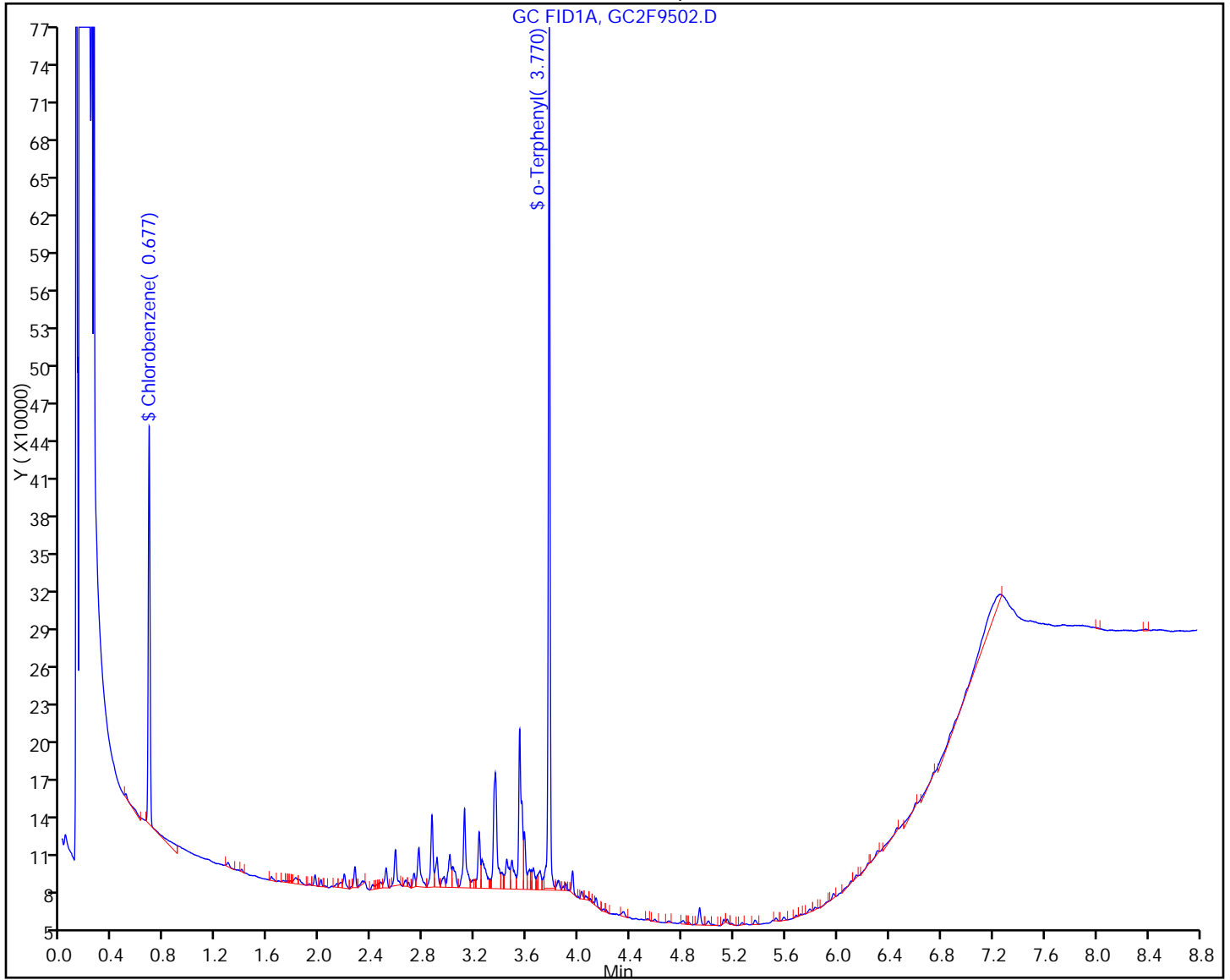
Worklist Smp#: 31

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-VD Lab Sample ID: 460-72180-16
 Matrix: Solid Lab File ID: GC2F9503.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:20
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 13:47
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 6.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	10		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		50-105
108-90-7	Chlorobenzene	77		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9503.D
 Lims ID: 460-72180-F-16-A Lab Sample ID: 460-72180-16
 Client ID: PMP-26SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 13:47:59 ALS Bottle#: 30 Worklist Smp#: 32
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-032
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:23:51

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.677 0.678 -0.001 366429 15.5
 A 3 C8-C40
 3.765 0.393 - 7.136 3787275 141.8 k
 \$ 4 o-Terphenyl
 3.771 3.776 -0.005 744163 15.5

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9503.D

Injection Date: 13-Mar-2014 13:47:59

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-16-A

Lab Sample ID: 460-72180-16

Client ID: PMP-26SW-VD

Operator ID:

ALS Bottle#: 30

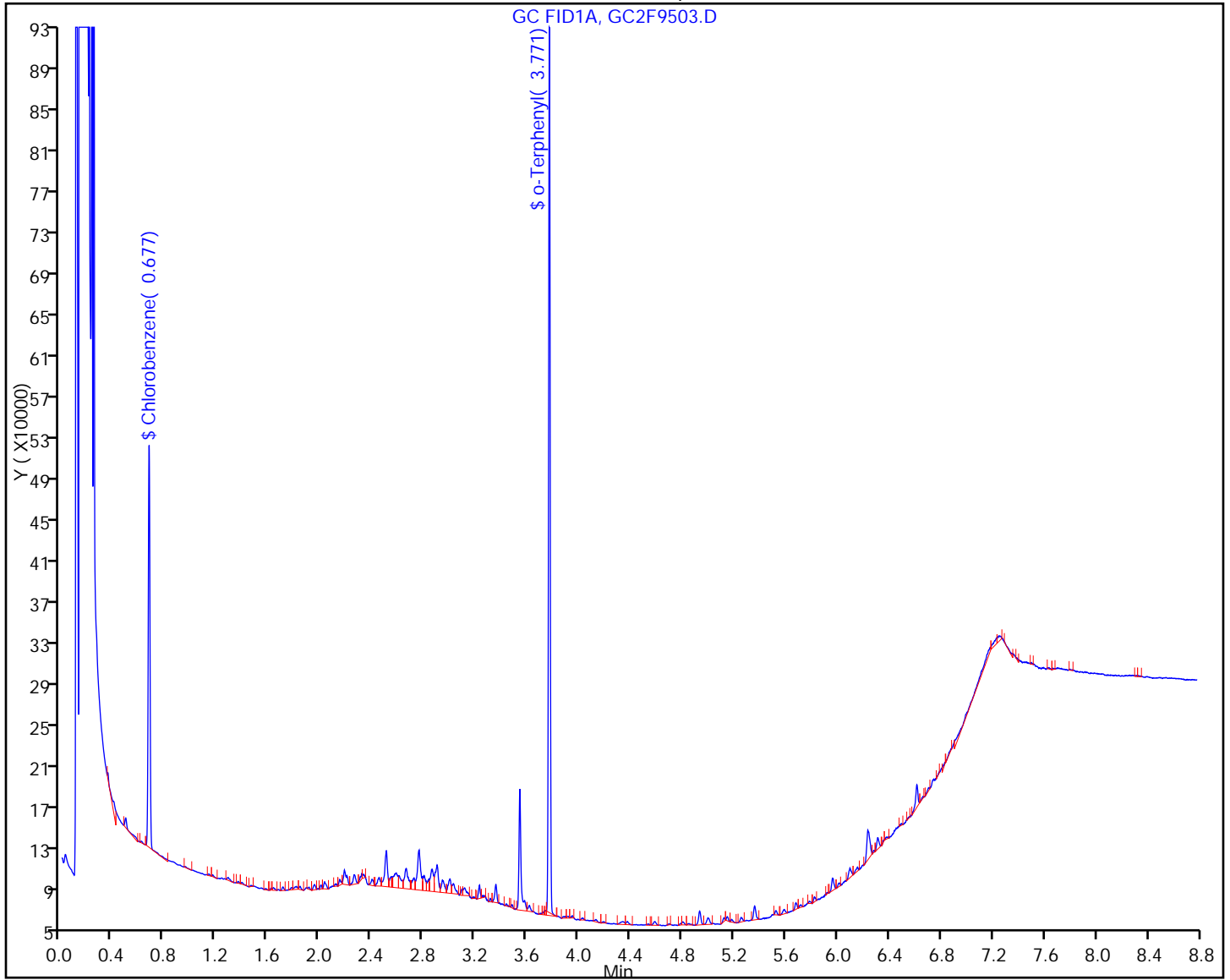
Worklist Smp#: 32

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-WT Lab Sample ID: 460-72180-17
 Matrix: Solid Lab File ID: GC2F9480.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:25
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 08:33
 Con. Extract Vol.: 1(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1900		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\20140313-10807.b\GC2F9480.D
 Lims ID: 460-72180-F-17-A Lab Sample ID: 460-72180-17
 Client ID: PMP-26SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:33:26 ALS Bottle#: 11 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010807-009
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:19:27

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 63773155 2387.1 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9480.D

Injection Date: 13-Mar-2014 08:33:26

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-17-A

Lab Sample ID: 460-72180-17

Client ID: PMP-26SW-WT

Operator ID:

ALS Bottle#: 11

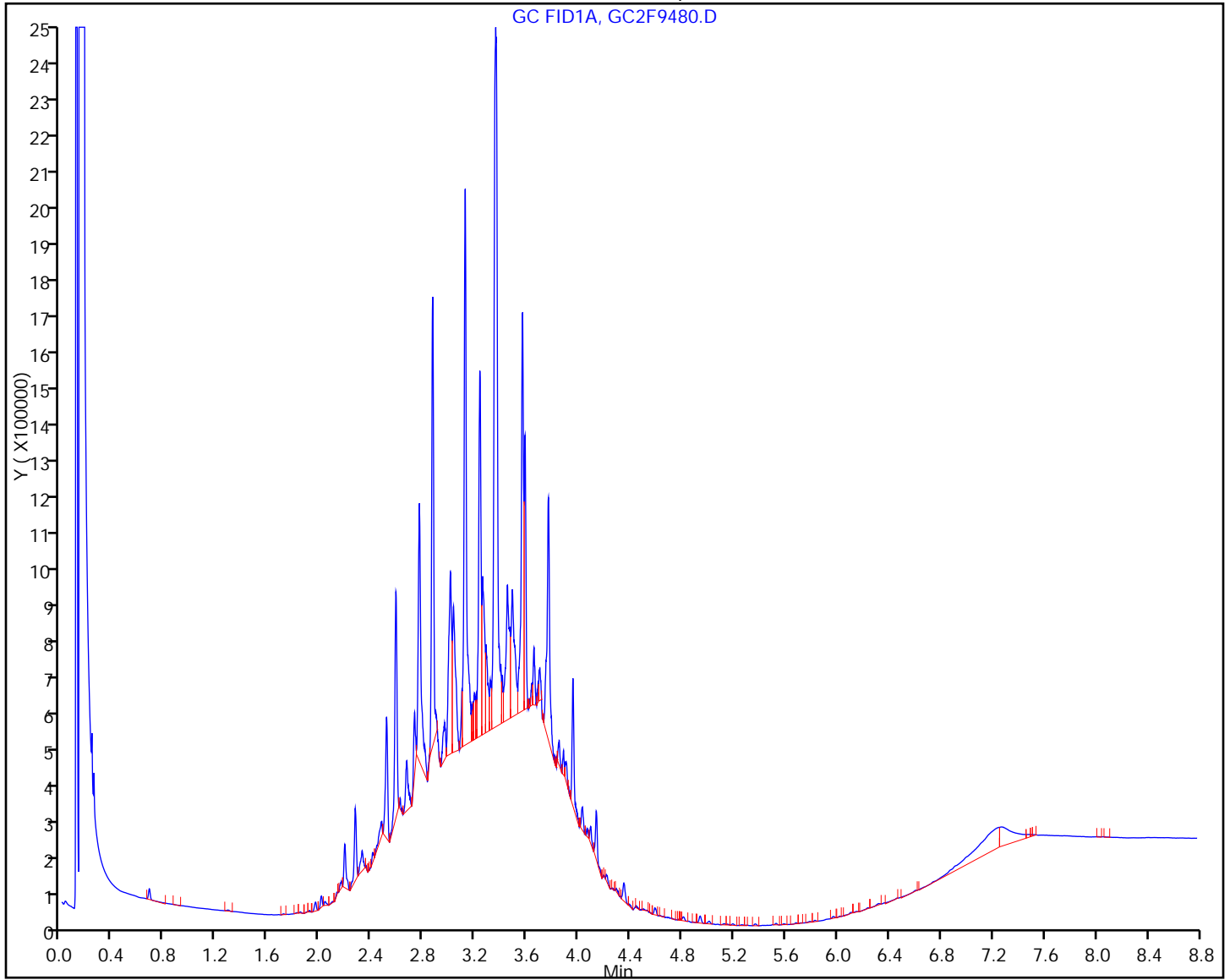
Worklist Smp#: 9

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-26SW-SI Lab Sample ID: 460-72180-18
 Matrix: Solid Lab File ID: GC2F9481.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:30
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 08:47
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 17.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	17		6.6	6.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	56		50-105
108-90-7	Chlorobenzene	46		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9481.D
 Lims ID: 460-72180-F-18-A Lab Sample ID: 460-72180-18
 Client ID: PMP-26SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:47:11 ALS Bottle#: 12 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-010
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 09:59:22

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.677 0.678 -0.001 215949 9.13
 A 3 C8-C40
 3.765 0.393 - 7.136 5610150 210.0 k
 \$ 4 o-Terphenyl
 3.774 3.776 -0.002 538867 11.2

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9481.D

Injection Date: 13-Mar-2014 08:47:11

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-18-A

Lab Sample ID: 460-72180-18

Client ID: PMP-26SW-SI

Operator ID:

ALS Bottle#: 12

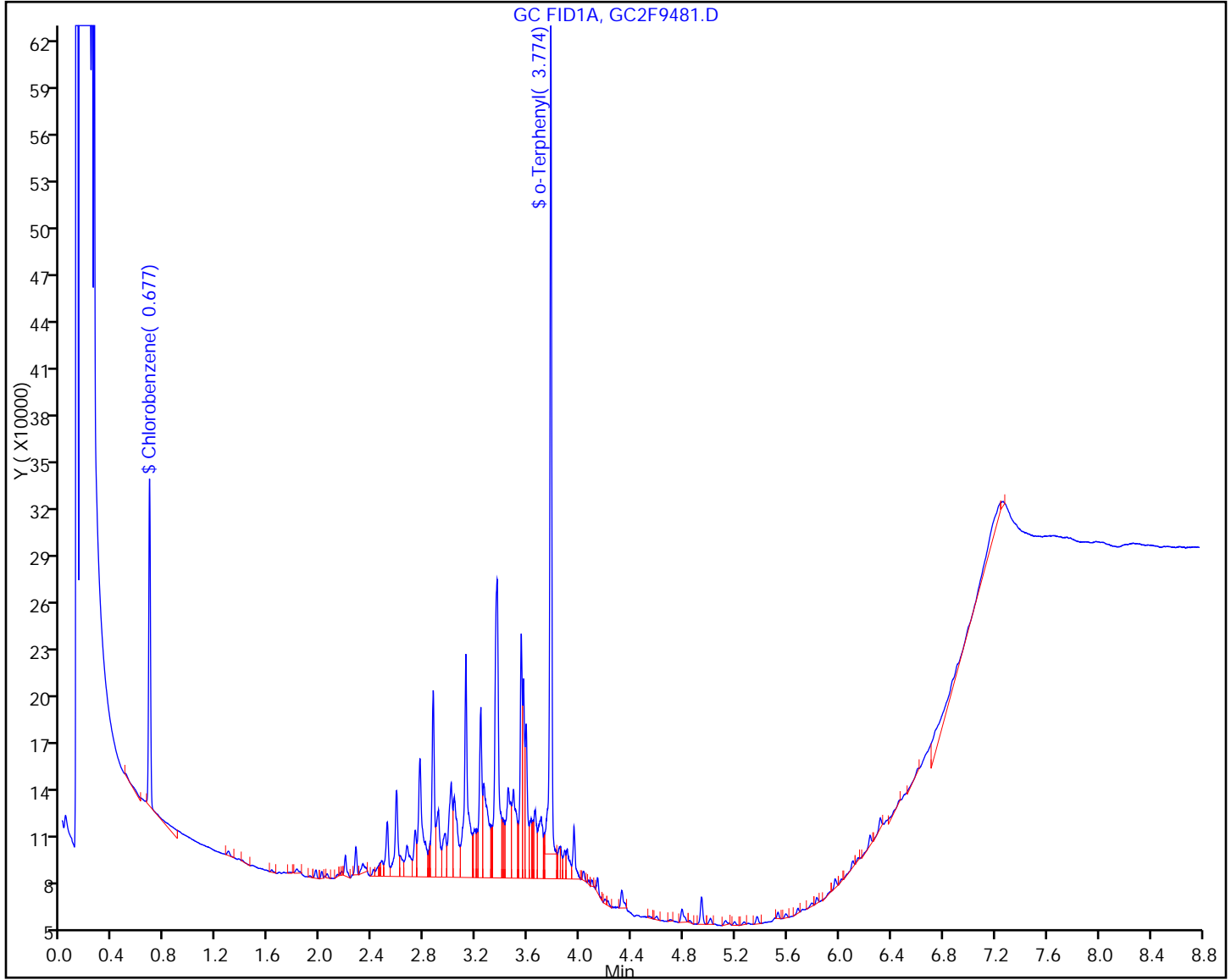
Worklist Smp#: 10

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-VD Lab Sample ID: 460-72180-19
 Matrix: Solid Lab File ID: GC2F9482.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:40
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 09:00
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 7.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		50-105
108-90-7	Chlorobenzene	62		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9482.D
 Lims ID: 460-72180-F-19-A Lab Sample ID: 460-72180-19
 Client ID: PMP-27SW-VD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 09:00:53 ALS Bottle#: 13 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-011
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:19:40

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.678 0.678 0.0 291899 12.3
 \$ 4 o-Terphenyl
 3.775 3.776 -0.001 583854 12.1

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9482.D

Injection Date: 13-Mar-2014 09:00:53

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-19-A

Lab Sample ID: 460-72180-19

Client ID: PMP-27SW-VD

Operator ID:

ALS Bottle#: 13

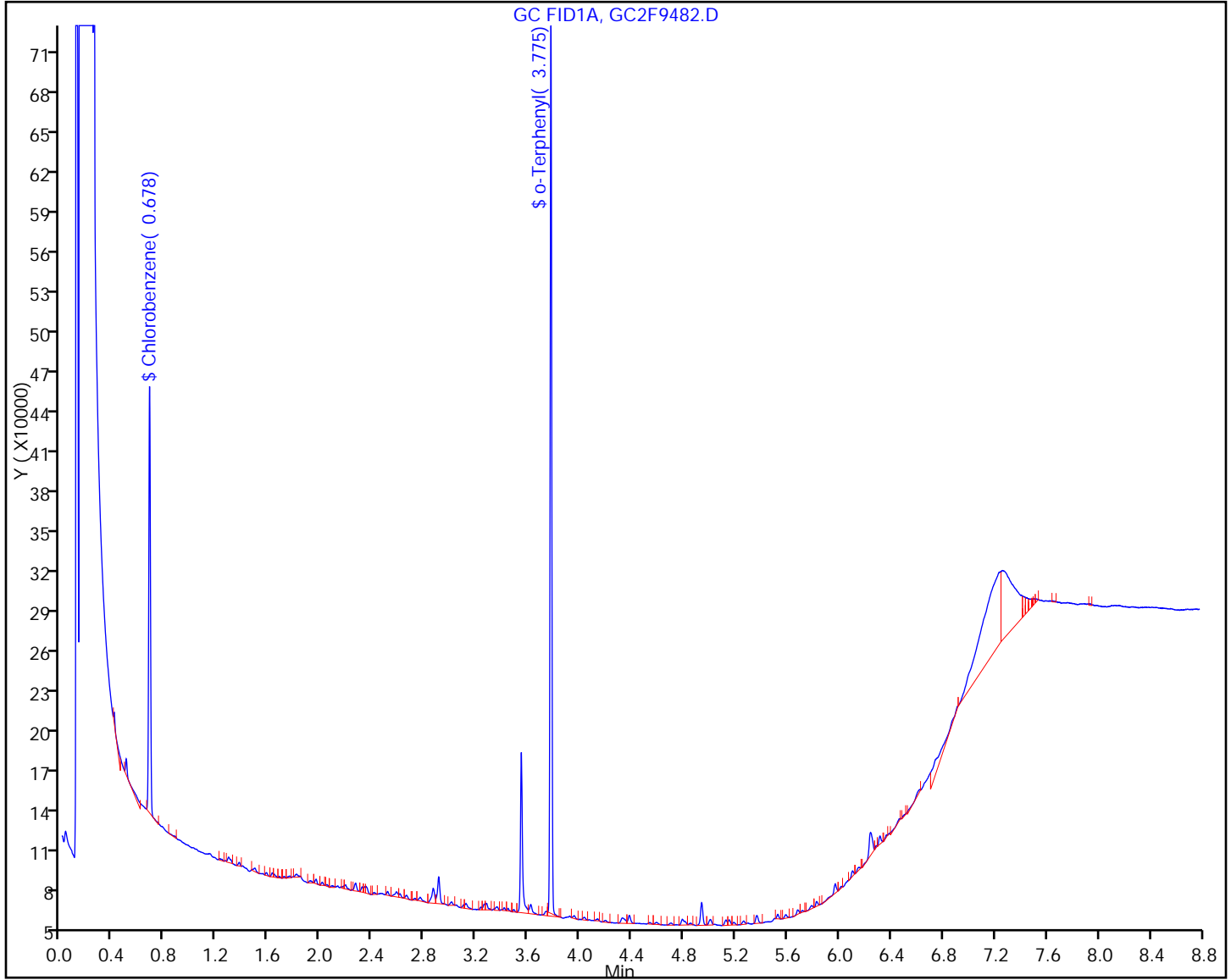
Worklist Smp#: 11

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT Lab Sample ID: 460-72180-20
 Matrix: Solid Lab File ID: GC2F9479.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 08:19
 Con. Extract Vol.: 1(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2100		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\20140313-10807.b\GC2F9479.D
 Lims ID: 460-72180-F-20-C Lab Sample ID: 460-72180-20
 Client ID: PMP-27SW-WT
 Sample Type: Client
 Inject. Date: 13-Mar-2014 08:19:44 ALS Bottle#: 10 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 20.0000
 Sample Info: 460-0010807-008
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:19:22

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
--------------	------------------	------------------	----------	---------------------	-------

A 3 C8-C40
 3.765 0.393 - 7.136 36227219 1356.0 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9479.D

Injection Date: 13-Mar-2014 08:19:44

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-20-C

Lab Sample ID: 460-72180-20

Client ID: PMP-27SW-WT

Operator ID:

ALS Bottle#: 10

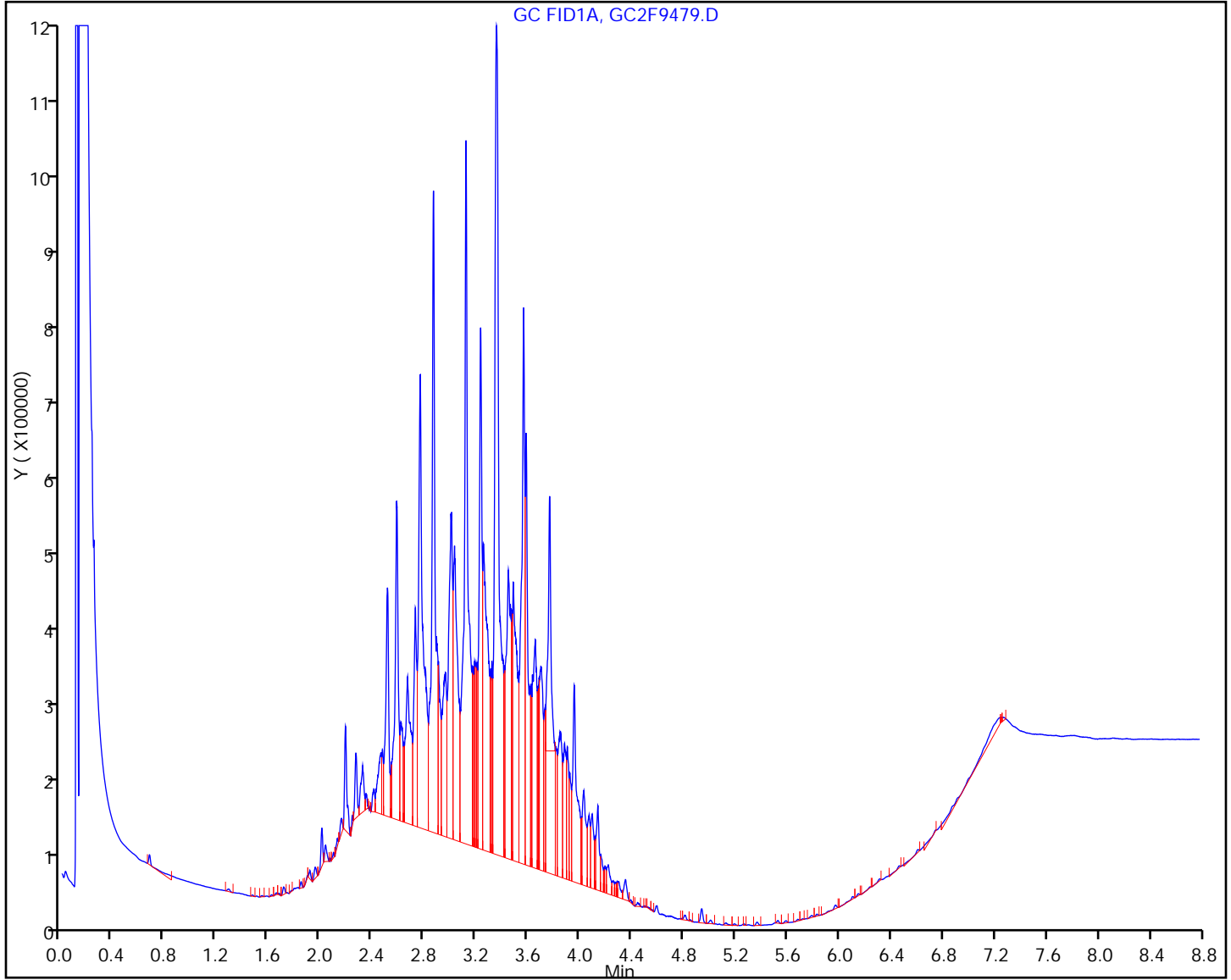
Worklist Smp#: 8

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21
 Matrix: Solid Lab File ID: GC2F9506.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:55
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.04(g) Date Analyzed: 03/13/2014 14:28
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 12.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	16		6.3	6.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		50-105
108-90-7	Chlorobenzene	63		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9506.D
 Lims ID: 460-72180-F-21-A Lab Sample ID: 460-72180-21
 Client ID: PMP-27SW-SD
 Sample Type: Client
 Inject. Date: 13-Mar-2014 14:28:48 ALS Bottle#: 31 Worklist Smp#: 35
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-035
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:24:07

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					
0.678	0.678	0.0	298011	12.6	
A 3 C8-C40					
3.765	0.393 -	7.136	5450129	204.0	k
\$ 4 o-Terphenyl					
3.772	3.776	-0.004	685741	14.2	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9506.D

Injection Date: 13-Mar-2014 14:28:48

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-21-A

Lab Sample ID: 460-72180-21

Client ID: PMP-27SW-SD

Operator ID:

ALS Bottle#:

31

Worklist Smp#:

35

Injection Vol: 1.0 ul

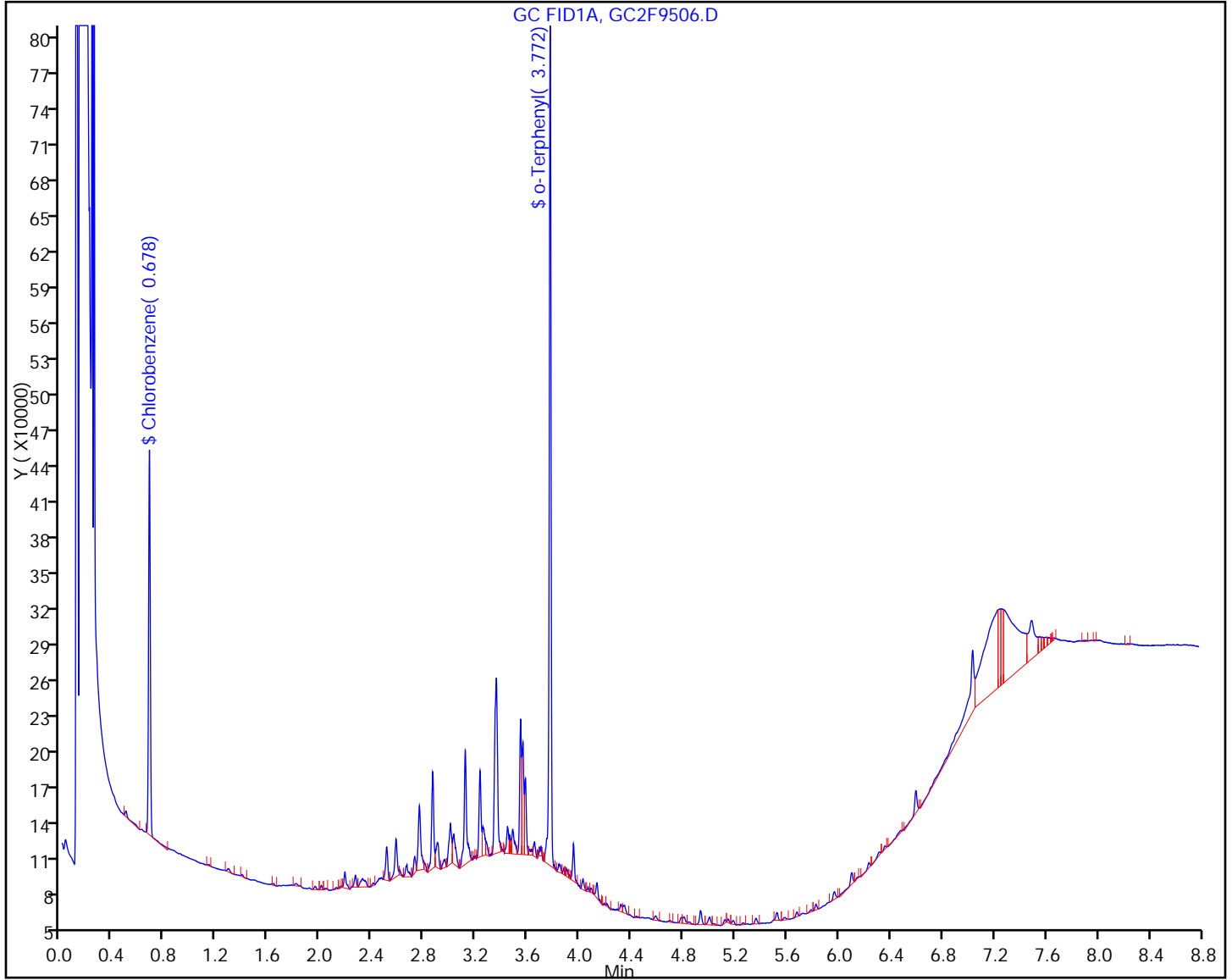
Dil. Factor:

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-31SW-VS Lab Sample ID: 460-72180-22
 Matrix: Solid Lab File ID: GC2F9507.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:35
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/13/2014 14:42
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-5MS ID: 0.25 (mm)
 % Moisture: 7.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	18		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	82		50-105
108-90-7	Chlorobenzene	75		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9507.D
 Lims ID: 460-72180-F-22-A Lab Sample ID: 460-72180-22
 Client ID: PMP-31SW-VS
 Sample Type: Client
 Inject. Date: 13-Mar-2014 14:42:28 ALS Bottle#: 32 Worklist Smp#: 36
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-036
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					
0.677	0.678	-0.001	355724	15.0	
A 3 C8-C40					
3.765	0.393 -	7.136	6618858	247.8	k
\$ 4 o-Terphenyl					
3.771	3.776	-0.005	791427	16.4	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9507.D

Injection Date: 13-Mar-2014 14:42:28

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-22-A

Lab Sample ID: 460-72180-22

Client ID: PMP-31SW-VS

Operator ID:

ALS Bottle#: 32

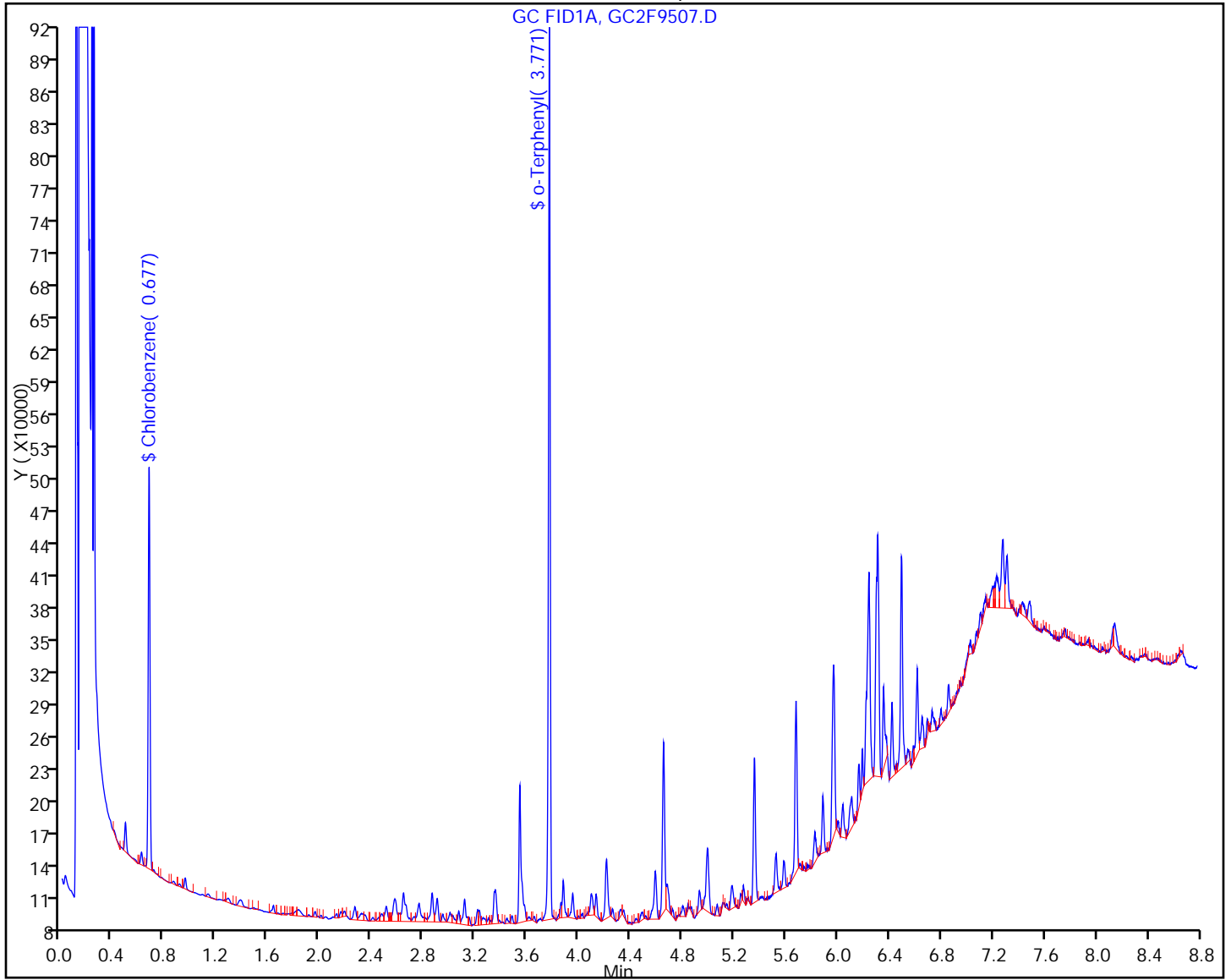
Worklist Smp#: 36

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-32SW-VS Lab Sample ID: 460-72180-23
 Matrix: Solid Lab File ID: GC2F9508.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 12:45
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 14:56
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 6.1 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.3		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	73		50-105
108-90-7	Chlorobenzene	69		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9508.D
 Lims ID: 460-72180-F-23-A Lab Sample ID: 460-72180-23
 Client ID: PMP-32SW-VS
 Sample Type: Client
 Inject. Date: 13-Mar-2014 14:56:05 ALS Bottle#: 33 Worklist Smp#: 37
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-037
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					
0.677	0.678	-0.001	325958	13.8	
A 3 C8-C40					
3.765	0.393 -	7.136	2737248	102.5	k
\$ 4 o-Terphenyl					
3.772	3.776	-0.004	706539	14.7	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9508.D

Injection Date: 13-Mar-2014 14:56:05

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-23-A

Lab Sample ID: 460-72180-23

Client ID: PMP-32SW-VS

Operator ID:

ALS Bottle#: 33

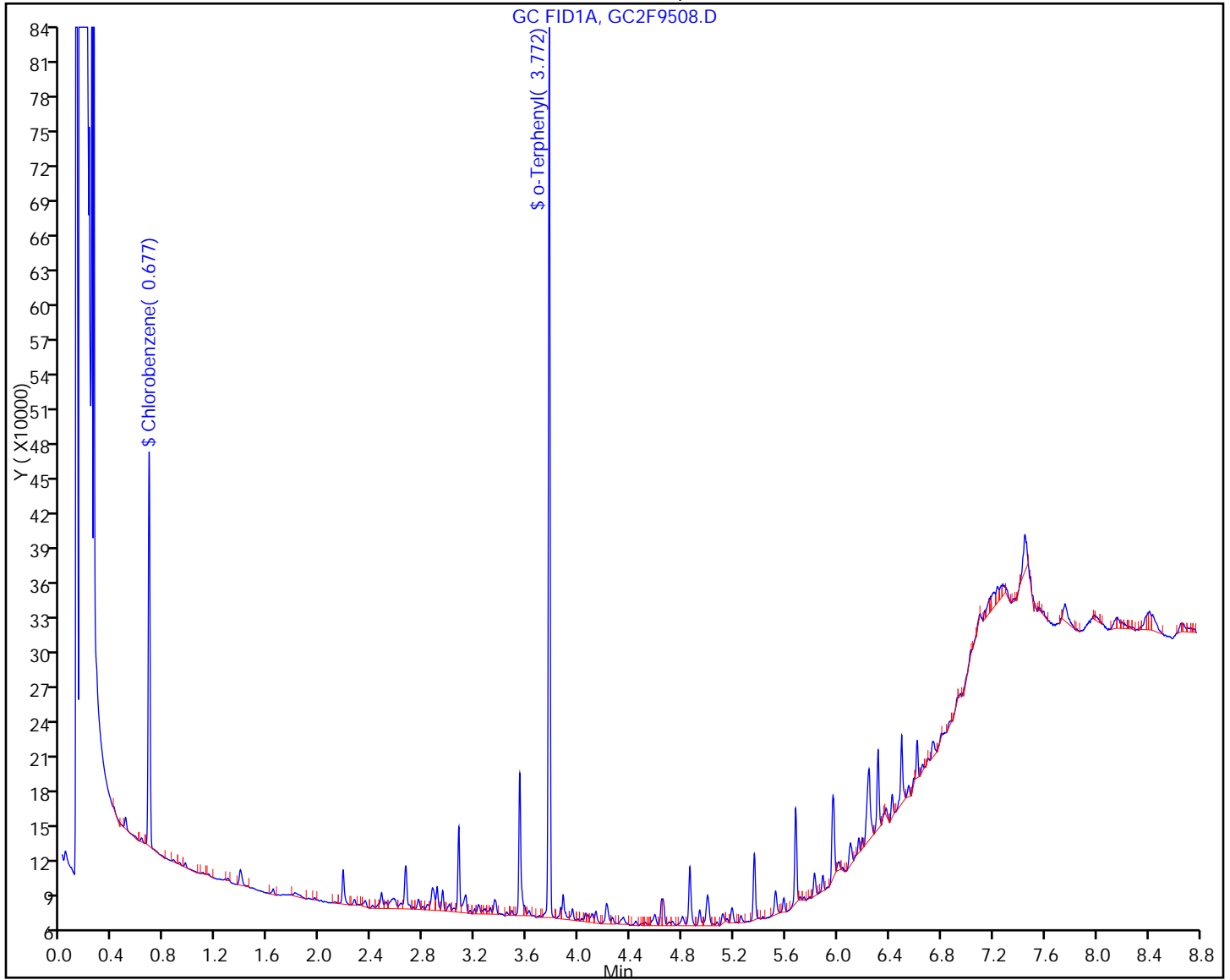
Worklist Smp#: 37

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP_030714 Lab Sample ID: 460-72180-24
 Matrix: Solid Lab File ID: GC2F9509.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 15:09
 Con. Extract Vol.: 1(mL) Dilution Factor: 25
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 7.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2400		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\20140313-10807.b\GC2F9509.D
 Lims ID: 460-72180-F-24-A Lab Sample ID: 460-72180-24
 Client ID: DUP_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 15:09:35 ALS Bottle#: 34 Worklist Smp#: 38
 Injection Vol: 1.0 ul Dil. Factor: 25.0000
 Sample Info: 460-0010807-038
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:24:22

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 35102128 1313.9 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9509.D

Injection Date: 13-Mar-2014 15:09:35

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-24-A

Lab Sample ID: 460-72180-24

Client ID: DUP_030714

Operator ID:

ALS Bottle#: 34

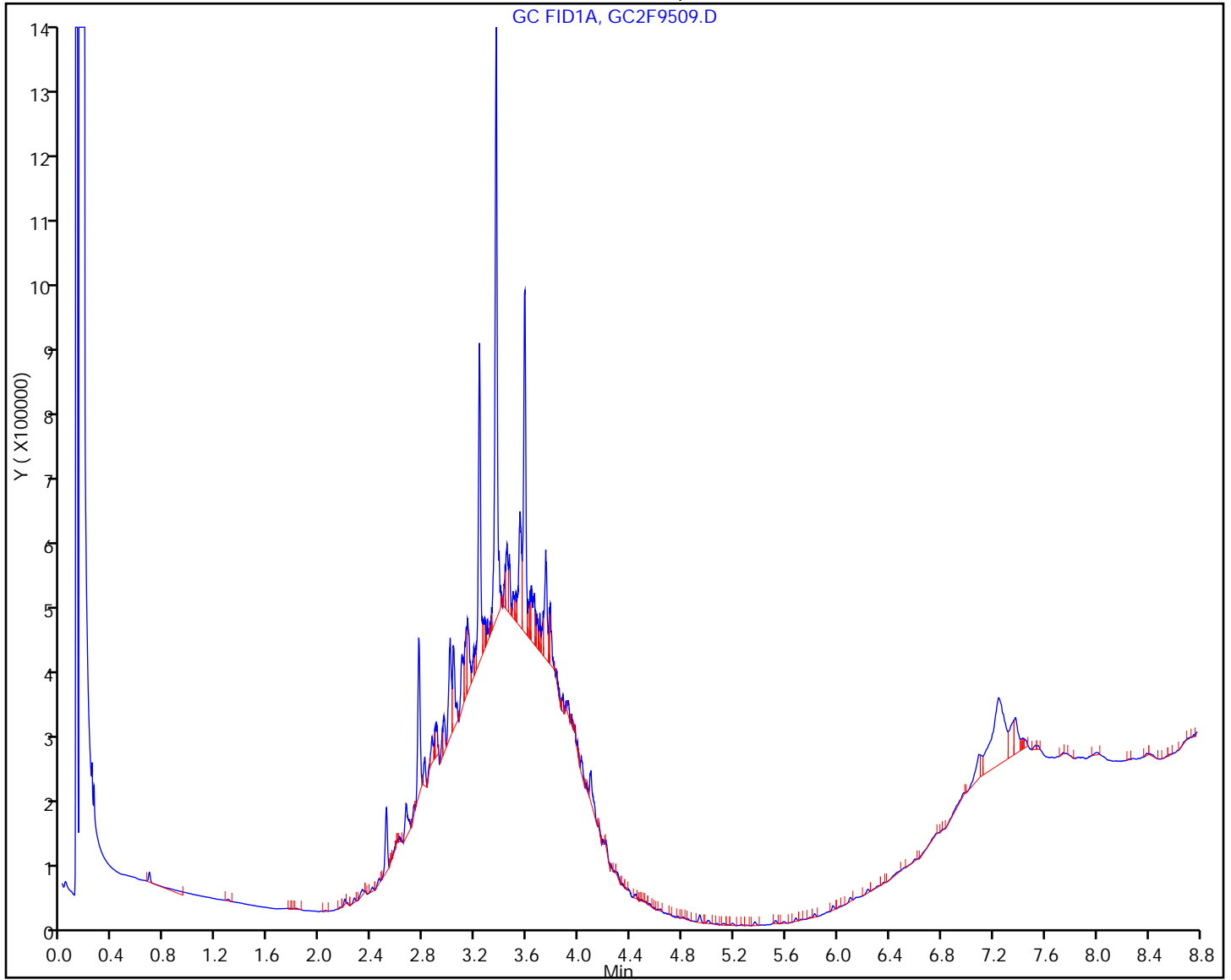
Worklist Smp#: 38

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP2_030714 Lab Sample ID: 460-72180-25
 Matrix: Solid Lab File ID: GC2F9510.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 15:23
 Con. Extract Vol.: 1(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.0 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1100		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\20140313-10807.b\GC2F9510.D
 Lims ID: 460-72180-F-25-A Lab Sample ID: 460-72180-25
 Client ID: DUP2_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 15:23:10 ALS Bottle#: 35 Worklist Smp#: 39
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010807-039
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:24:28

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 37583655 1406.8 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9510.D

Injection Date: 13-Mar-2014 15:23:10

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-25-A

Lab Sample ID: 460-72180-25

Client ID: DUP2_030714

Operator ID:

ALS Bottle#:

35

Worklist Smp#:

39

Injection Vol: 1.0 ul

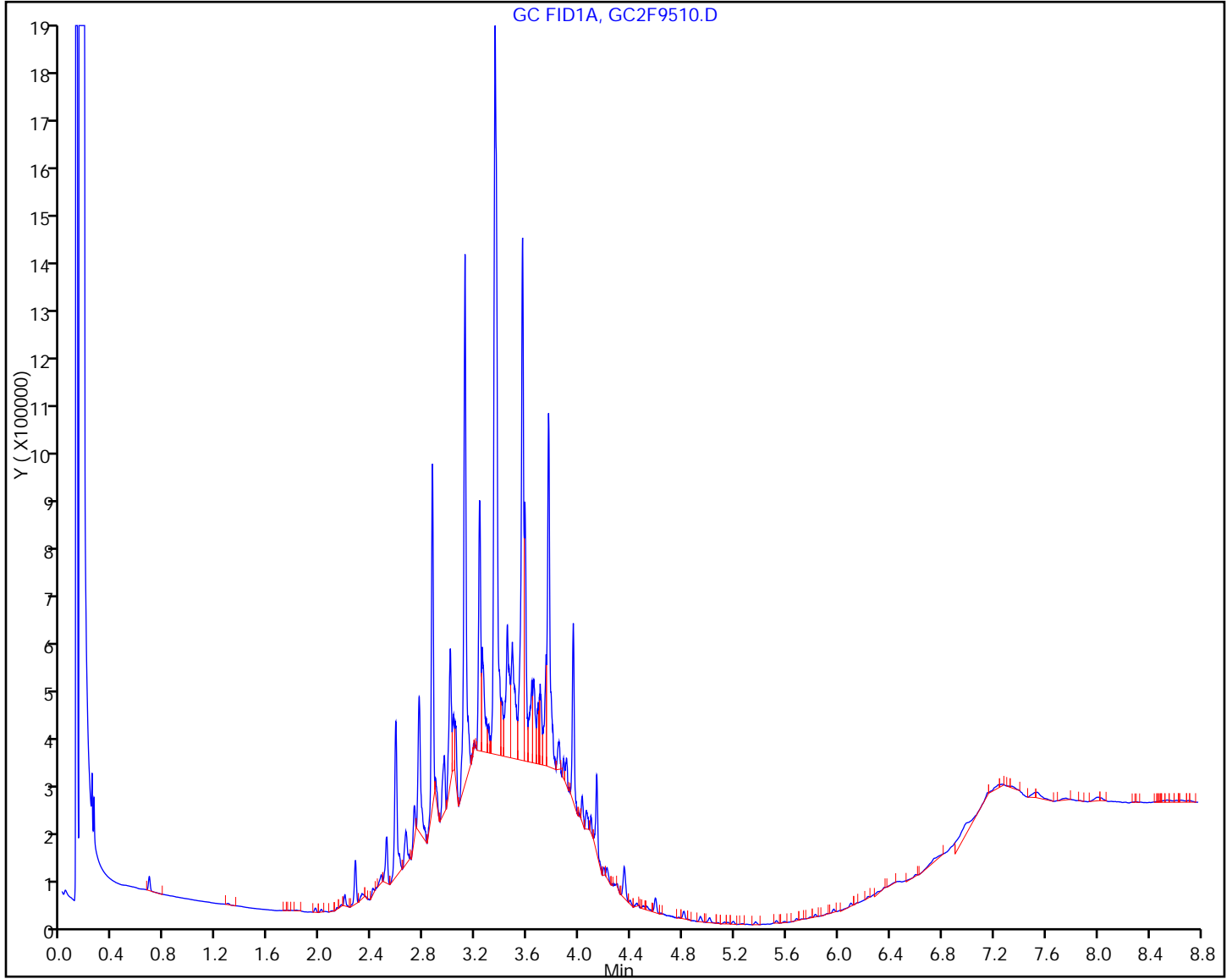
Dil. Factor:

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
 Matrix: Solid Lab File ID: GC2F9511.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 00:00
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 15:36
 Con. Extract Vol.: 1(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 5.8 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1600		58	58

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\20140313-10807.b\GC2F9511.D
 Lims ID: 460-72180-F-26-A Lab Sample ID: 460-72180-26
 Client ID: DUP3_030714
 Sample Type: Client
 Inject. Date: 13-Mar-2014 15:36:43 ALS Bottle#: 36 Worklist Smp#: 40
 Injection Vol: 1.0 ul Dil. Factor: 10.0000
 Sample Info: 460-0010807-040
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:24:32

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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A 3 C8-C40
 3.765 0.393 - 7.136 60824643 2276.7 k

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9511.D

Injection Date: 13-Mar-2014 15:36:43

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-26-A

Lab Sample ID: 460-72180-26

Client ID: DUP3_030714

Operator ID:

ALS Bottle#: 36

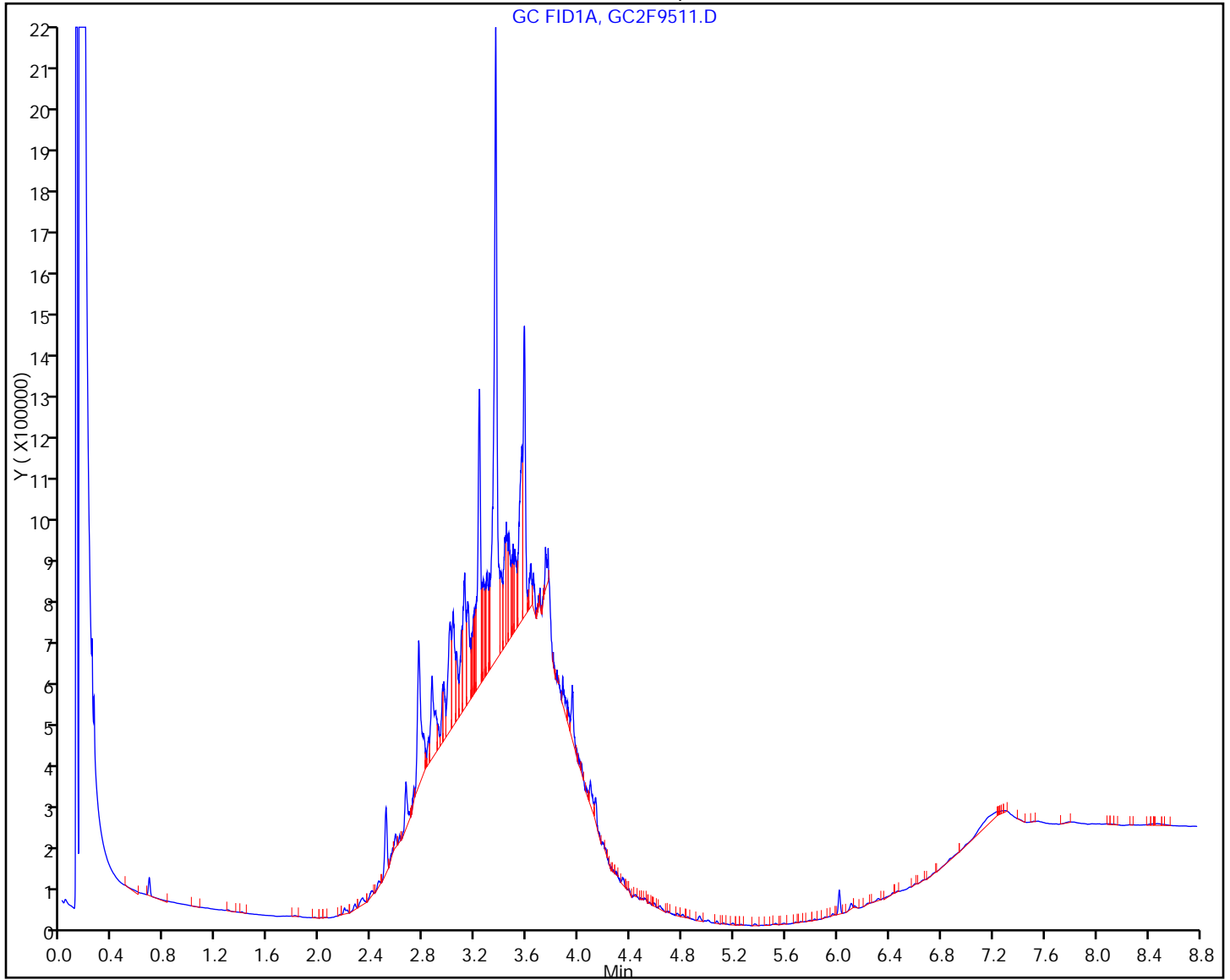
Worklist Smp#: 40

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: FB_030714 Lab Sample ID: 460-72180-27
 Matrix: Water Lab File ID: GC2F9332.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 14:00
 Extraction Method: 3510C Date Extracted: 03/09/2014 10:24
 Sample wt/vol: 980 (mL) Date Analyzed: 03/11/2014 10:00
 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)	0.084	U	0.084	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	71		51-123
108-90-7	Chlorobenzene	75		42-93

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9332.D
 Lims ID: 460-72180-J-27-A Lab Sample ID: 460-72180-27
 Client ID: FB_030714
 Sample Type: Client
 Inject. Date: 11-Mar-2014 10:00:32 ALS Bottle#: 15 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010689-013
 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 12:09:36

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.686 0.686 0.0 354901 15.0
 \$ 4 o-Terphenyl
 3.787 3.785 0.002 687297 14.3

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140311-10689.b\GC2F9332.D

Injection Date: 11-Mar-2014 10:00:32

Instrument ID: CBNAGC2

Lims ID: 460-72180-J-27-A

Lab Sample ID: 460-72180-27

Client ID: FB_030714

Operator ID:

ALS Bottle#: 15

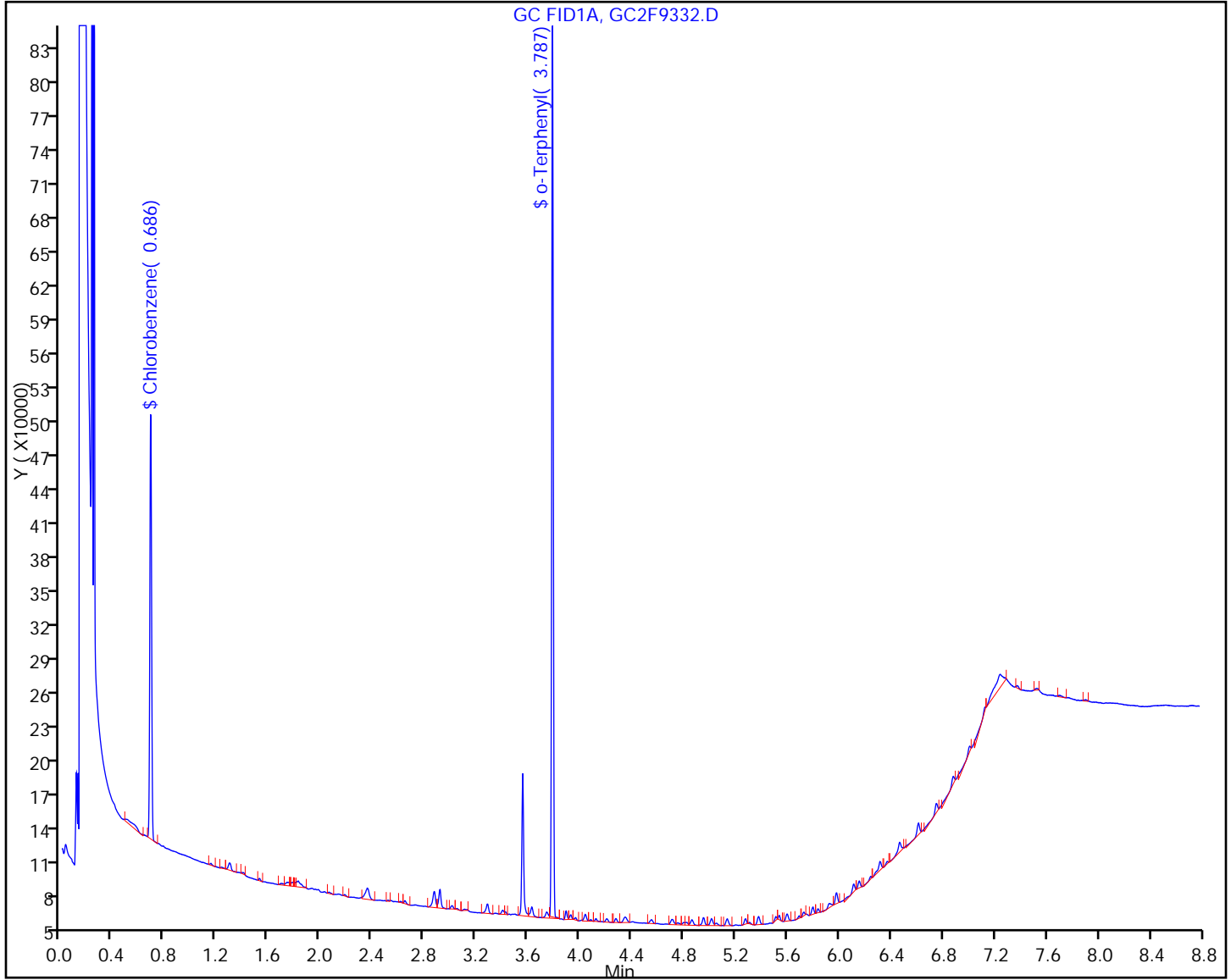
Worklist Smp#: 13

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-SI Lab Sample ID: 460-72180-29
 Matrix: Solid Lab File ID: GC2F9512.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:50
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.03(g) Date Analyzed: 03/13/2014 15:50
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 13.6 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	12		6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	56		50-105
108-90-7	Chlorobenzene	54		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9512.D
 Lims ID: 460-72180-F-29-A Lab Sample ID: 460-72180-29
 Client ID: PMP-27SW-SI
 Sample Type: Client
 Inject. Date: 13-Mar-2014 15:50:21 ALS Bottle#: 37 Worklist Smp#: 41
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-041
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:24:38

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
--------------	------------------	------------------	----------	---------------------	-------

\$ 5 Chlorobenzene	0.676	0.678	-0.002	253589	10.7	
A 3 C8-C40	3.765	0.393 -	7.136	4097922	153.4	k
\$ 4 o-Terphenyl	3.772	3.776	-0.004	536464	11.1	

QC Flag Legend

Processing Flags

k - Response Background Subtracted

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9512.D

Injection Date: 13-Mar-2014 15:50:21

Instrument ID: CBNAGC2

Lims ID: 460-72180-F-29-A

Lab Sample ID: 460-72180-29

Client ID: PMP-27SW-SI

Operator ID:

ALS Bottle#:

37

Worklist Smp#:

41

Injection Vol: 1.0 ul

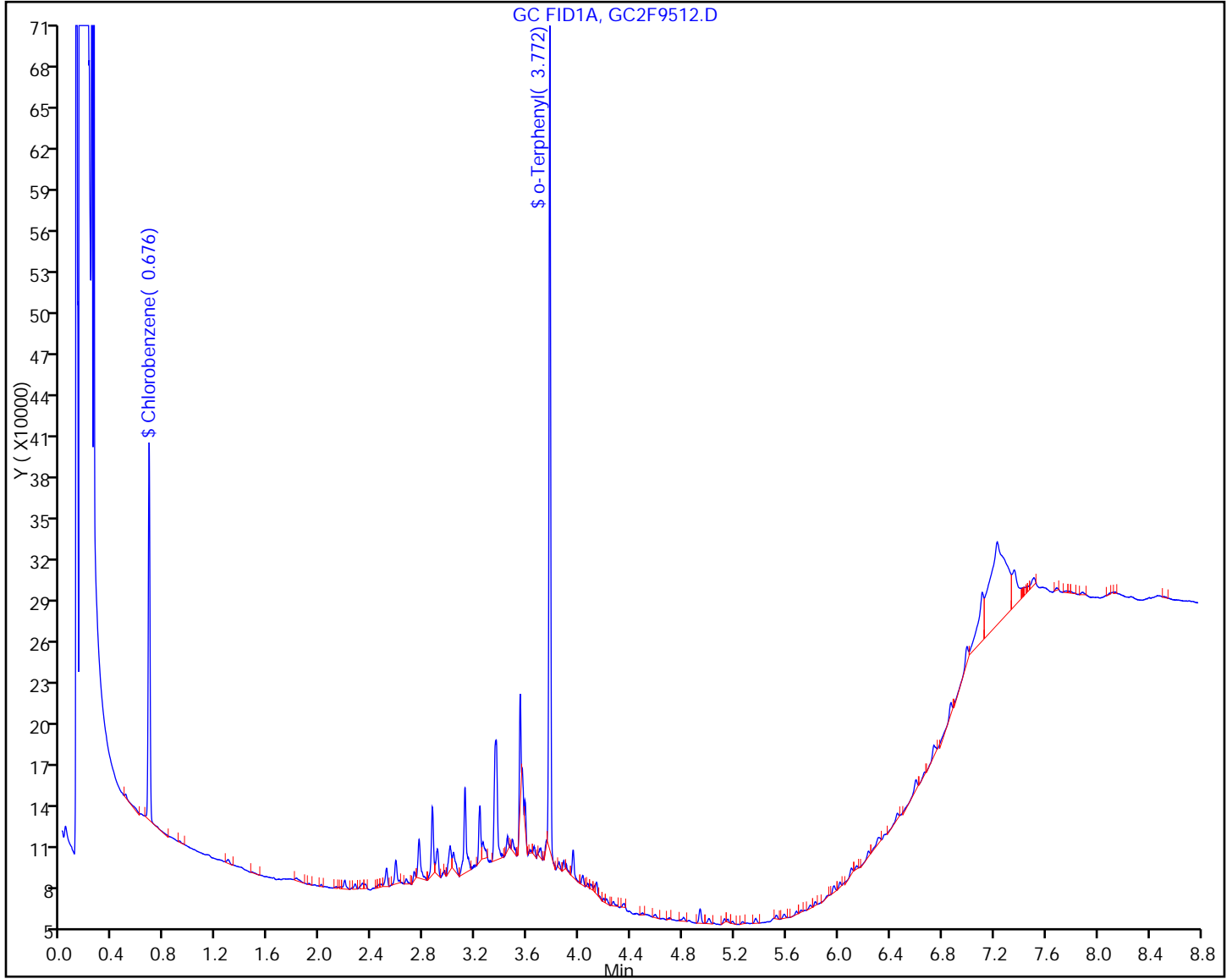
Dil. Factor:

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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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.: 460-72180-1
 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 VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/3 Calibration Date: 03/13/2014 06:41
 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: GC2F9474.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	26296		2030	2060	-1.6	15.0
Chlorobenzene	Ave	23662	24105		6.37	6.25	1.9	15.0
o-Terphenyl	Ave	48153	41274		5.36	6.25	-14.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/3 Calibration Date: 03/13/2014 06:41
 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: GC2F9474.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.14
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.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/13 Calibration Date: 03/13/2014 09:28
 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: GC2F9484.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	25859		1990	2060	-3.2	15.0
Chlorobenzene	Ave	23662	23323		6.16	6.25	-1.4	15.0
o-Terphenyl	Ave	48153	41386		5.37	6.25	-14.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/13 Calibration Date: 03/13/2014 09:28
 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: GC2F9484.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.14
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.77	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/24 Calibration Date: 03/13/2014 11:58
 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: GC2F9495.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	25019		1930	2060	-6.3	15.0
Chlorobenzene	Ave	23662	22663		5.99	6.25	-4.2	15.0
o-Terphenyl	Ave	48153	41519		5.39	6.25	-13.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/24 Calibration Date: 03/13/2014 11:58
 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: GC2F9495.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.14
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.77	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/34 Calibration Date: 03/13/2014 14:15
 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: GC2F9505.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	29015		2240	2060	8.6	15.0
Chlorobenzene	Ave	23662	26304		6.95	6.25	11.2	15.0
o-Terphenyl	Ave	48153	48512		6.30	6.25	0.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/34 Calibration Date: 03/13/2014 14:15
 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: GC2F9505.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.14
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.77	3.73	3.83

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/43 Calibration Date: 03/13/2014 16:17
 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: GC2F9514.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	28336		2180	2060	6.1	15.0
Chlorobenzene	Ave	23662	25280		6.68	6.25	6.8	15.0
o-Terphenyl	Ave	48153	46856		6.08	6.25	-2.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Lab Sample ID: CCV 460-212305/43 Calibration Date: 03/13/2014 16:17
 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: GC2F9514.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	3.77	0.39	7.14
Chlorobenzene	0.68	0.63	0.73
o-Terphenyl	3.77	3.73	3.83

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
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\$ 5 Chlorobenzene
 0.687 0.686 0.001 419494 17.7
 \$ 4 o-Terphenyl
 3.787 3.785 0.002 685026 14.2

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

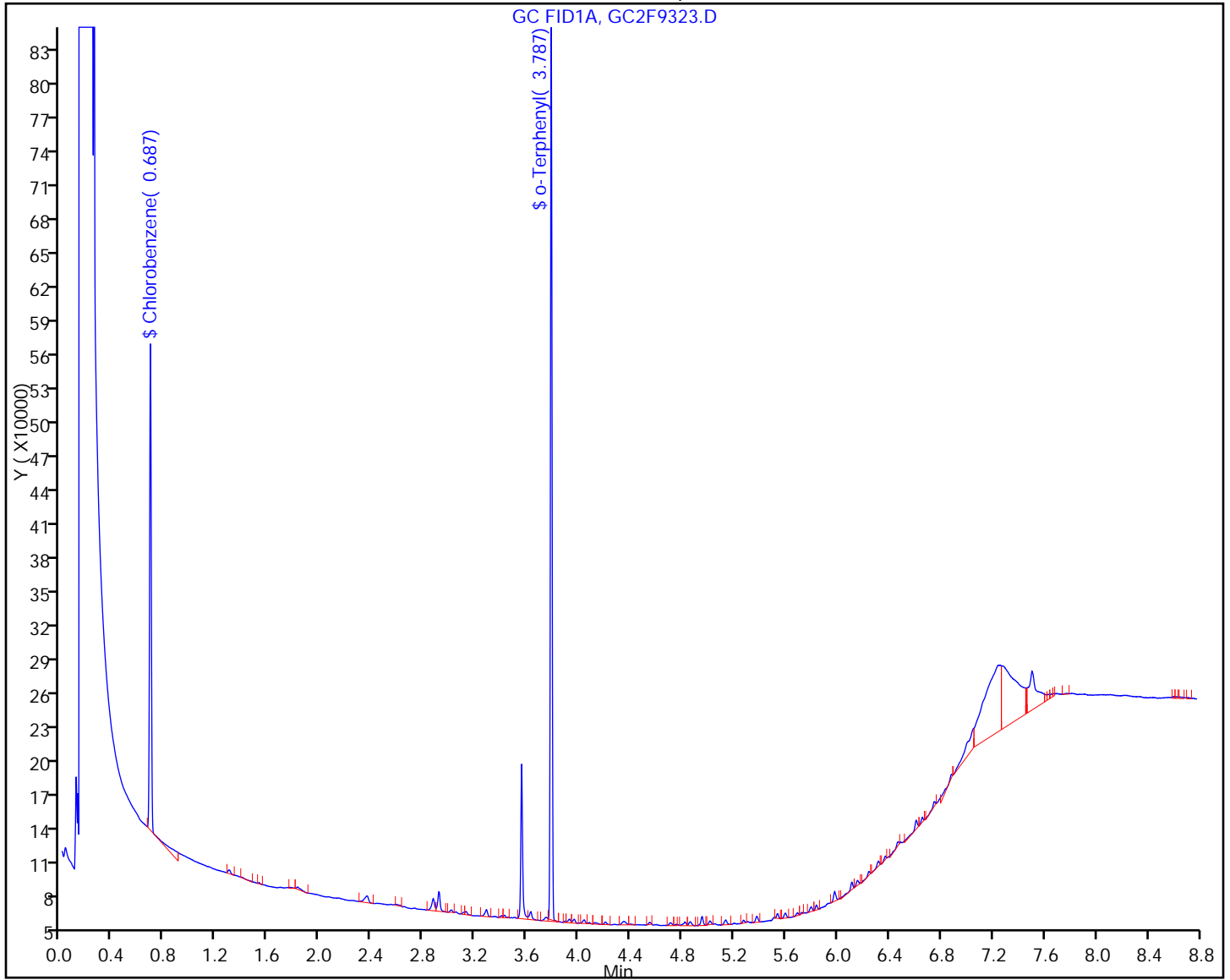
Worklist Smp#: 4

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.: 460-72180-1
 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
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\$ 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

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

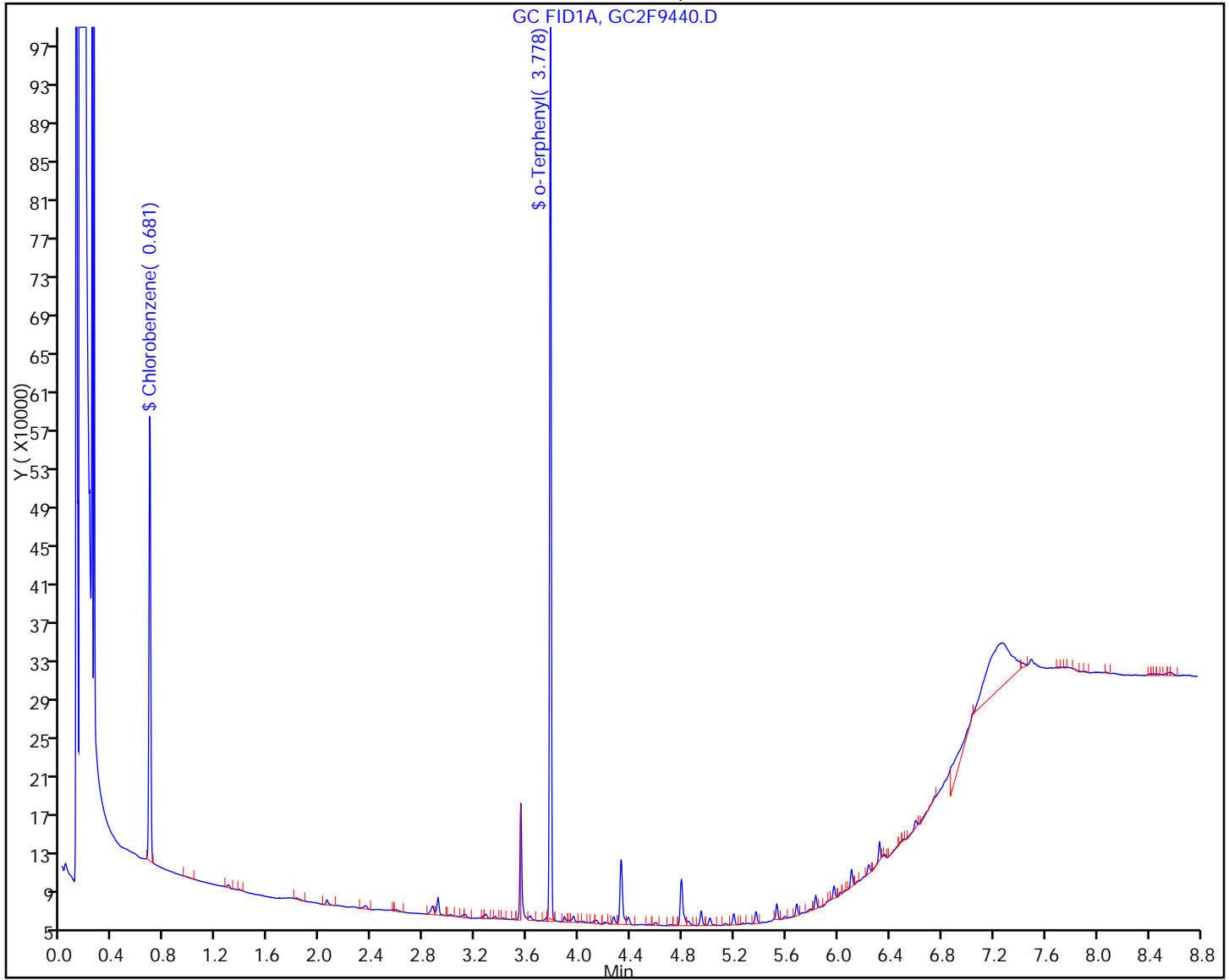
Worklist Smp#: 34

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



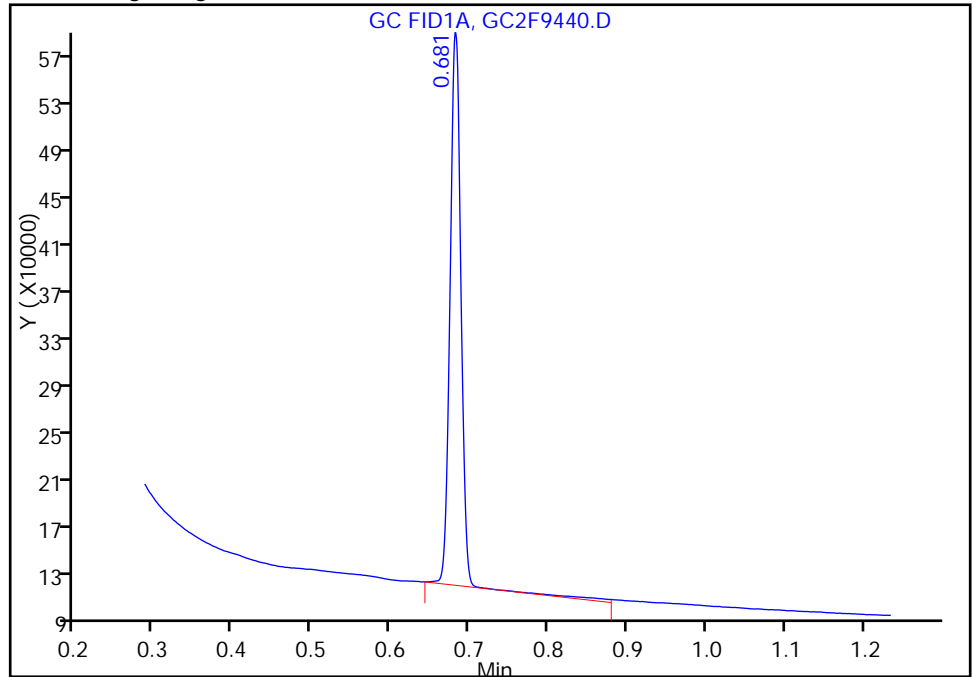
TestAmerica Edison

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

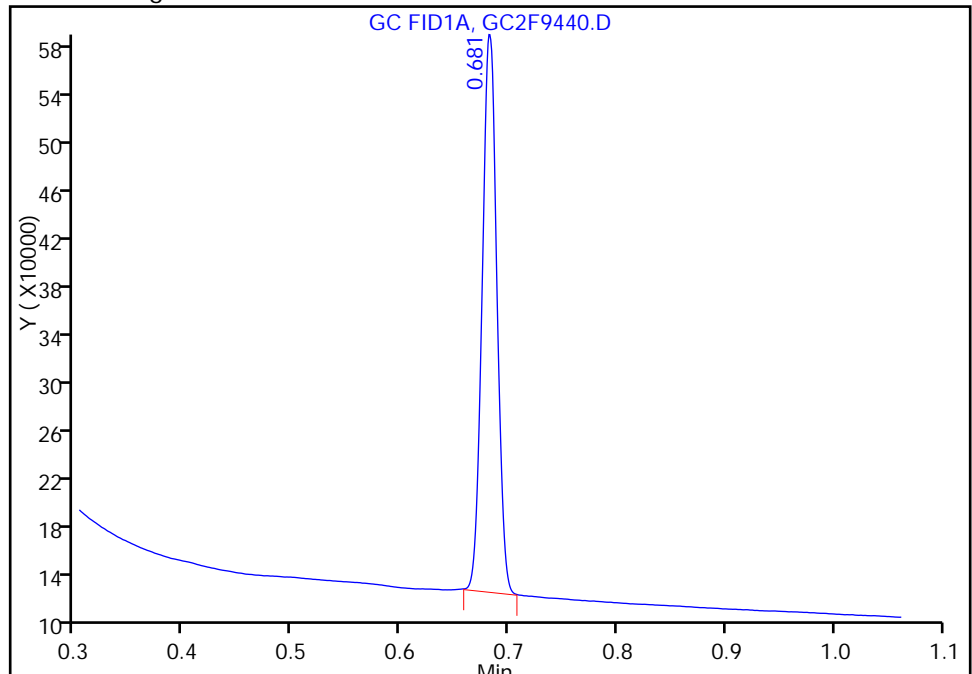
RT: 0.68
Response: 448336
Amount: 18.947139

Processing Integration Results



RT: 0.68
Response: 435603
Amount: 18.409030

Manual Integration Results



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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211689/1-A
 Matrix: Solid Lab File ID: GC2F9485.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00 (g) Date Analyzed: 03/13/2014 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.: 212305 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	70		50-105
108-90-7	Chlorobenzene	74		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9485.D
 Lims ID: MB 460-211689/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Mar-2014 09:41:57 ALS Bottle#: 14 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-014
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:19:59

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.678 0.678 0.0 349431 14.8
 \$ 4 o-Terphenyl
 3.775 3.776 -0.001 677436 14.1

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9485.D

Injection Date: 13-Mar-2014 09:41:57

Instrument ID: CBNAGC2

Lims ID: MB 460-211689/1-A

Client ID:

Operator ID:

ALS Bottle#: 14

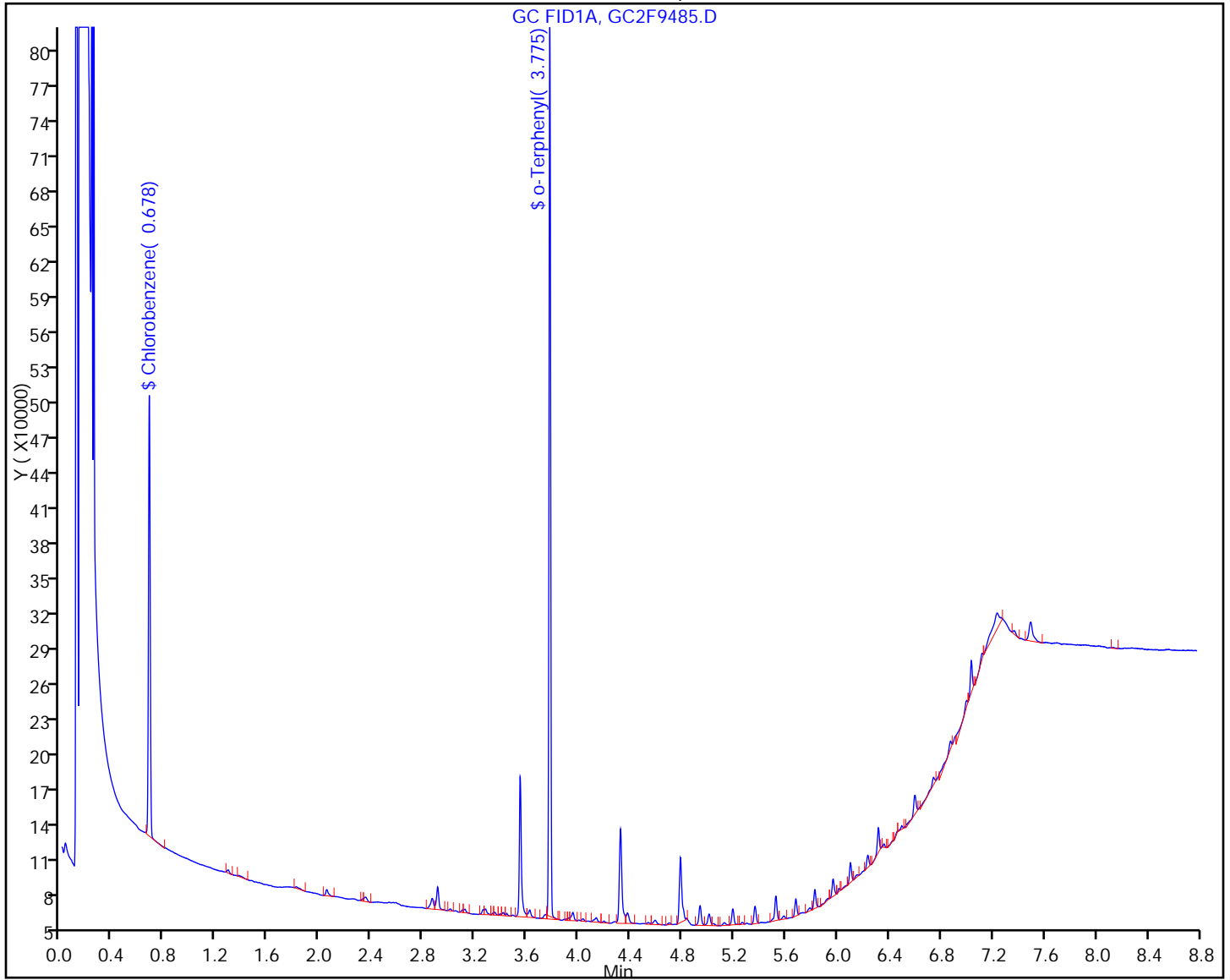
Worklist Smp#: 14

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-211888/1-A
 Matrix: Solid Lab File ID: GC2F9475.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 07:25
 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.: 212305 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	70		50-105
108-90-7	Chlorobenzene	80		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9475.D
 Lims ID: MB 460-211888/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 13-Mar-2014 07:25:08 ALS Bottle#: 6 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-004
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 08:49:02

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene
 0.677 0.678 -0.001 377548 16.0
 \$ 4 o-Terphenyl
 3.777 3.776 0.001 674890 14.0

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9475.D

Injection Date: 13-Mar-2014 07:25:08

Instrument ID: CBNAGC2

Lims ID: MB 460-211888/1-A

Client ID:

Operator ID:

ALS Bottle#: 6

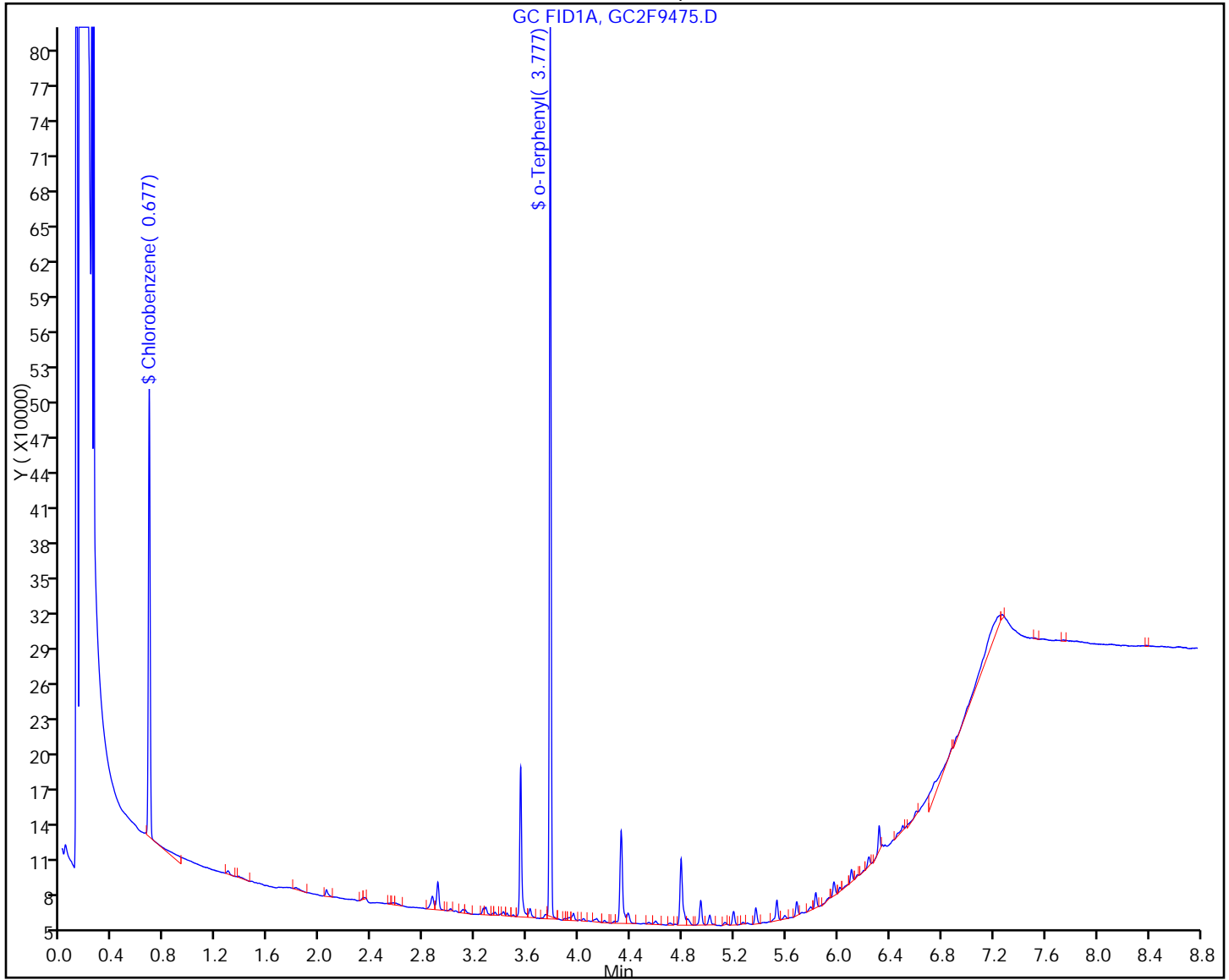
Worklist Smp#: 4

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.: 460-72180-1
 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
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\$ 5 Chlorobenzene

0.688 0.686 0.002 183363 7.75

\$ 4 o-Terphenyl

3.786 3.785 0.001 309527 6.43

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

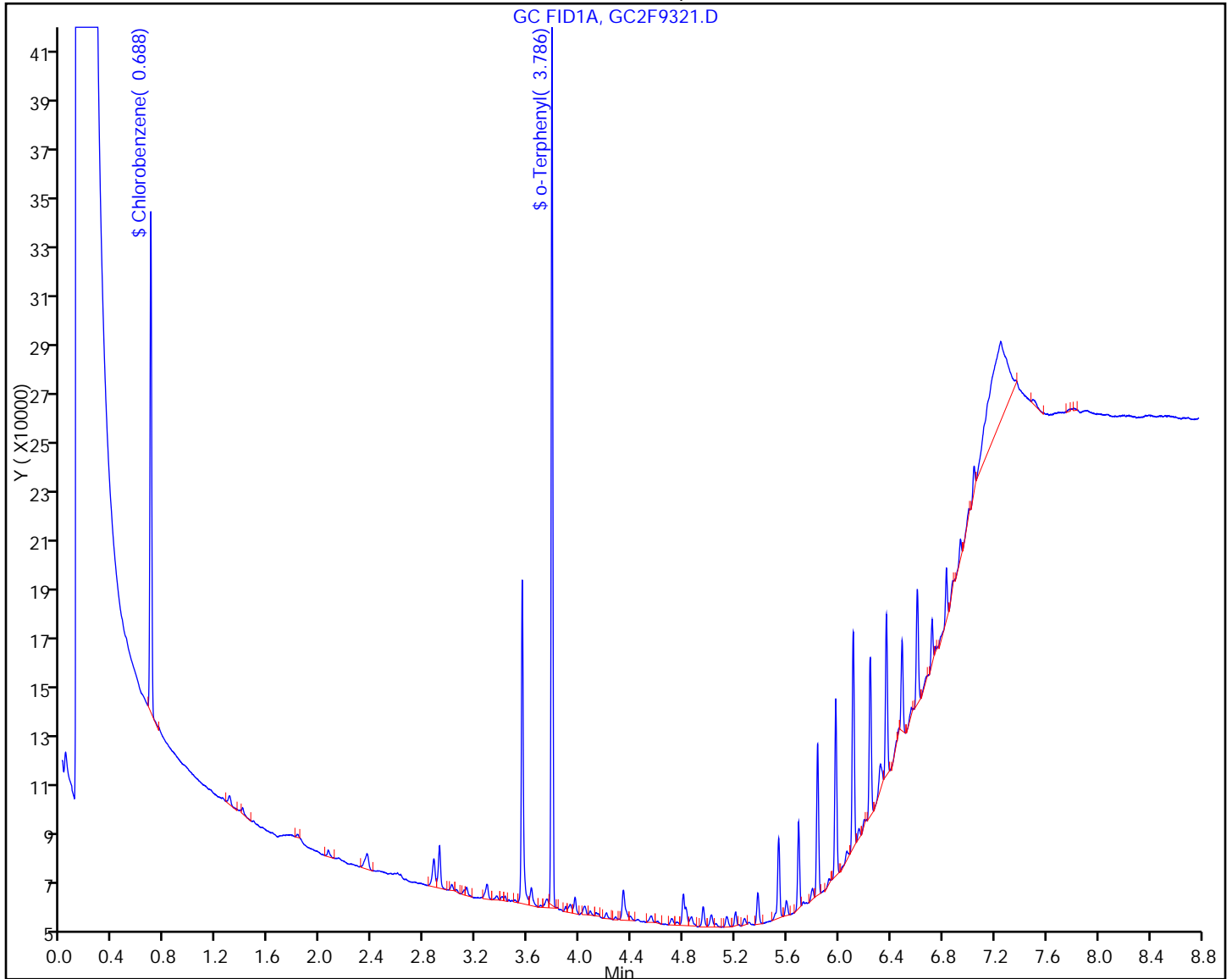
Worklist Smp#: 2

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.: 460-72180-1
 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
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\$ 5 Chlorobenzene

0.688 0.686 0.002 186533 7.88

\$ 4 o-Terphenyl

3.786 3.785 0.001 307203 6.38

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

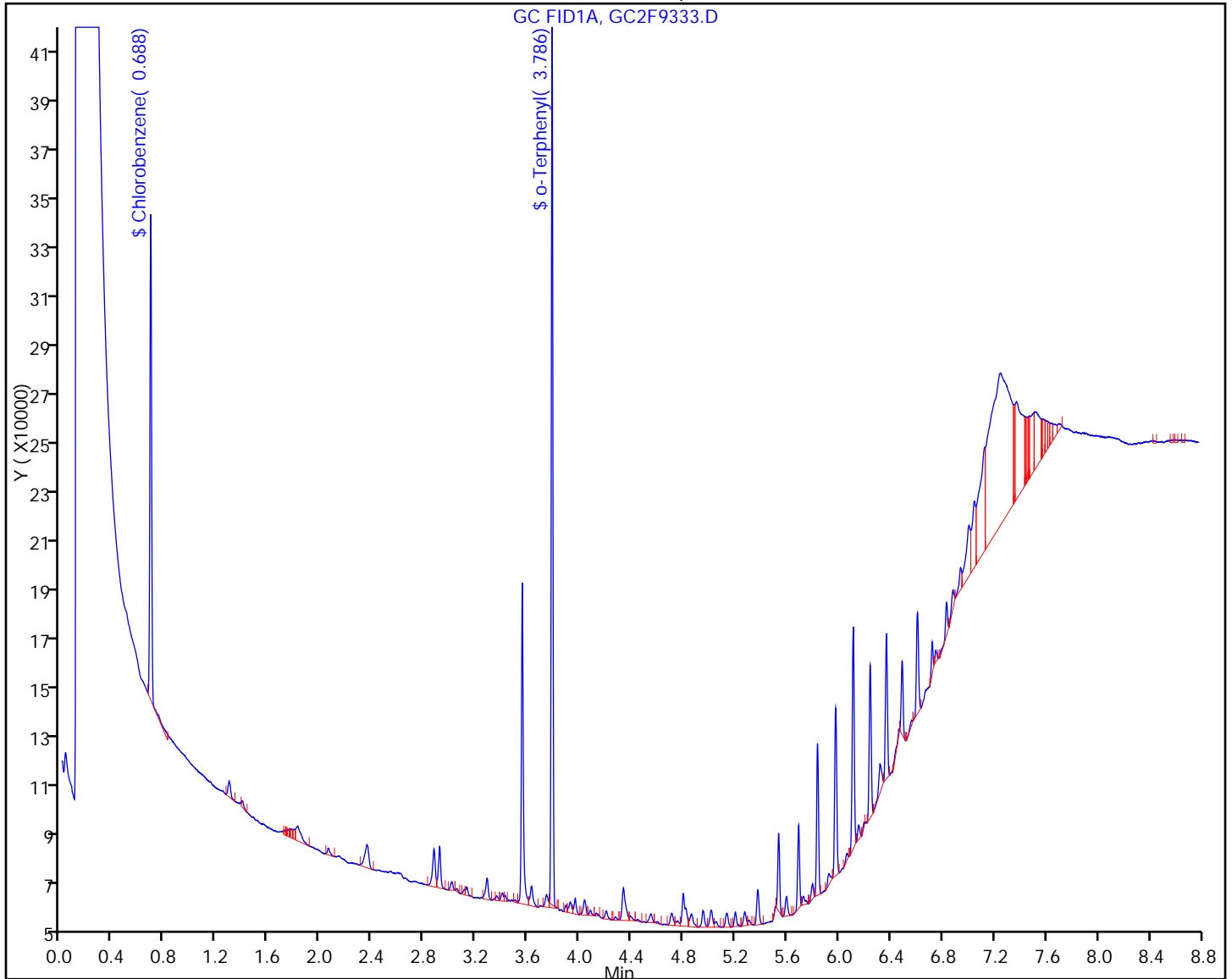
Worklist Smp#: 14

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.: 460-72180-1
 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
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\$ 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

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

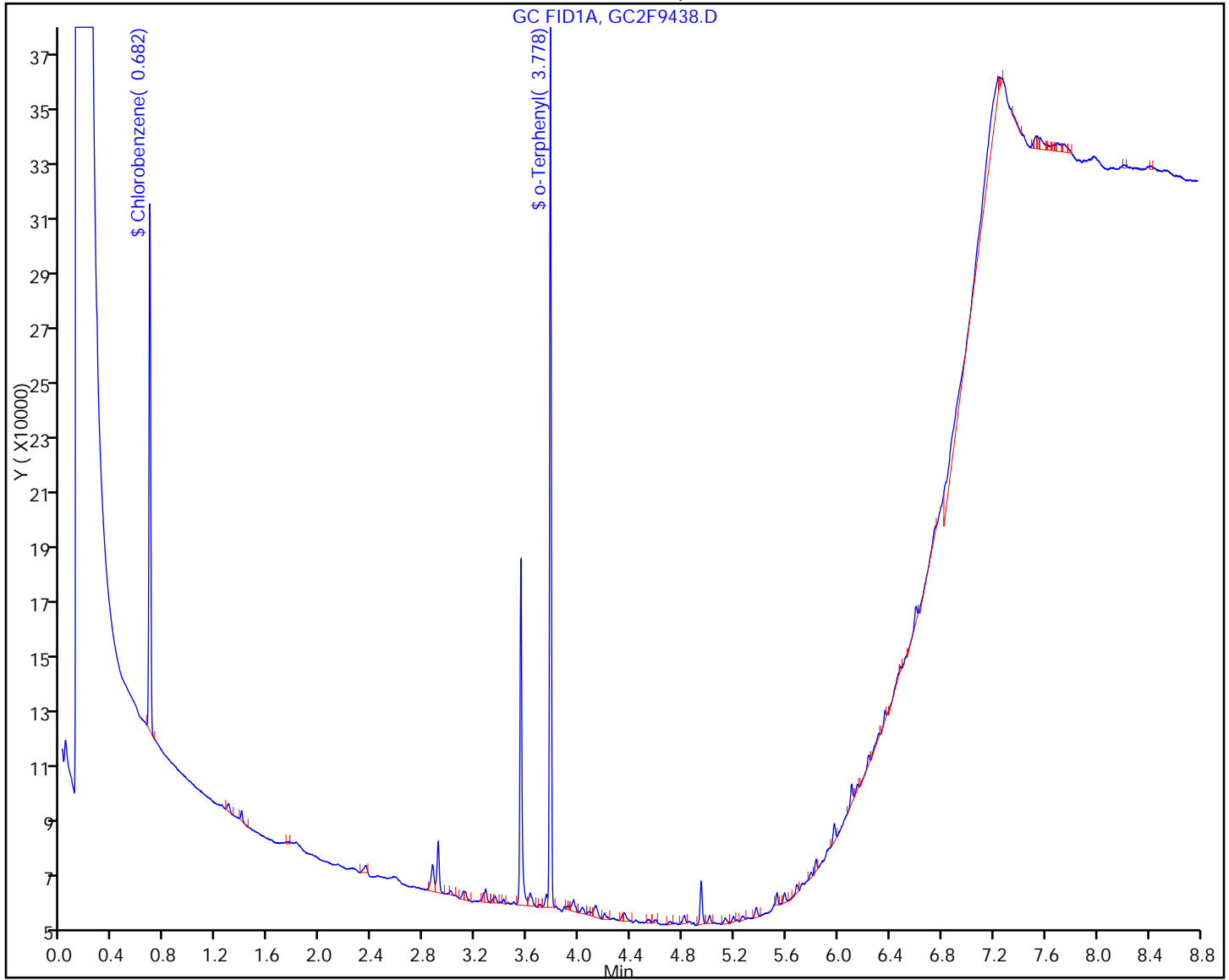
Worklist Smp#: 32

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

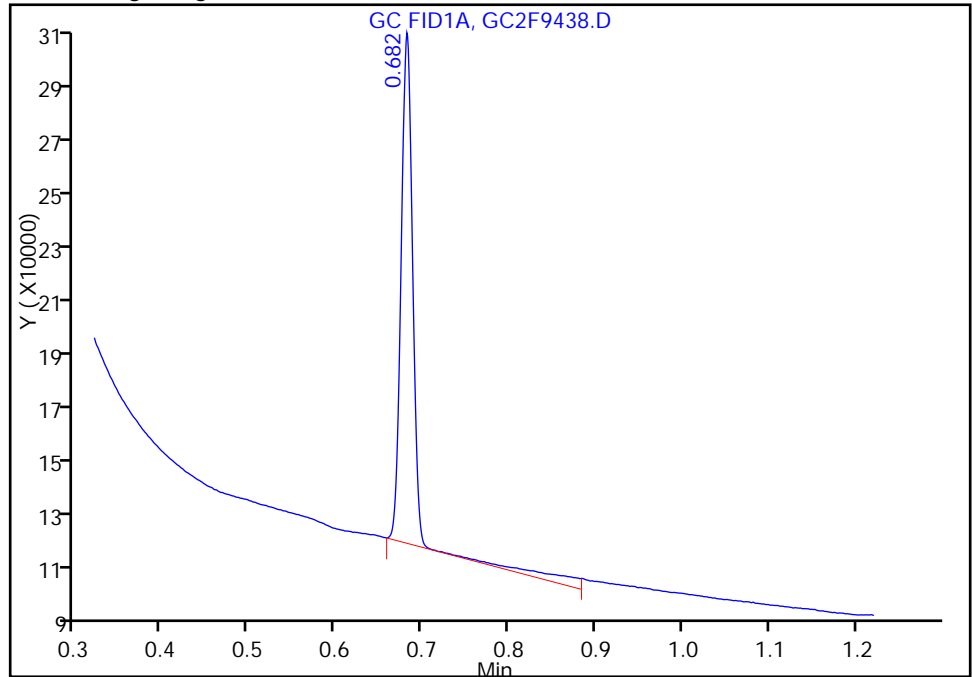
Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9438.D
Injection Date: 12-Mar-2014 15:49:13 Instrument ID: CBNAGC2
Lims ID: pibk
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 4 Worklist Smp#: 32
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

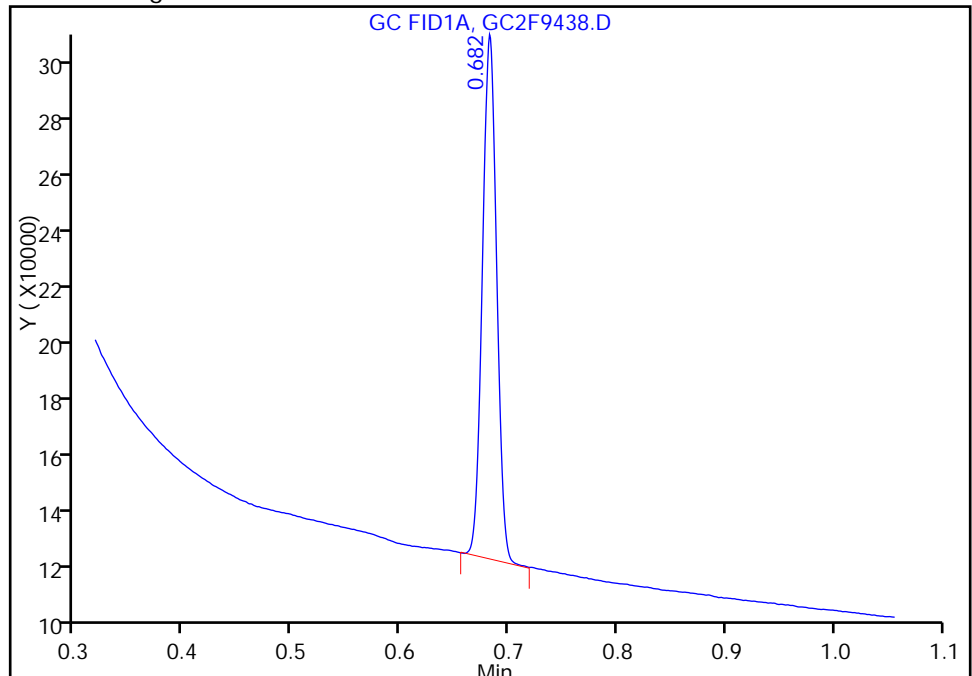
RT: 0.68
Response: 184672
Amount: 7.804428

Processing Integration Results



RT: 0.68
Response: 170118
Amount: 7.189361

Manual Integration Results



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.: 460-72180-1
 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
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\$ 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

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

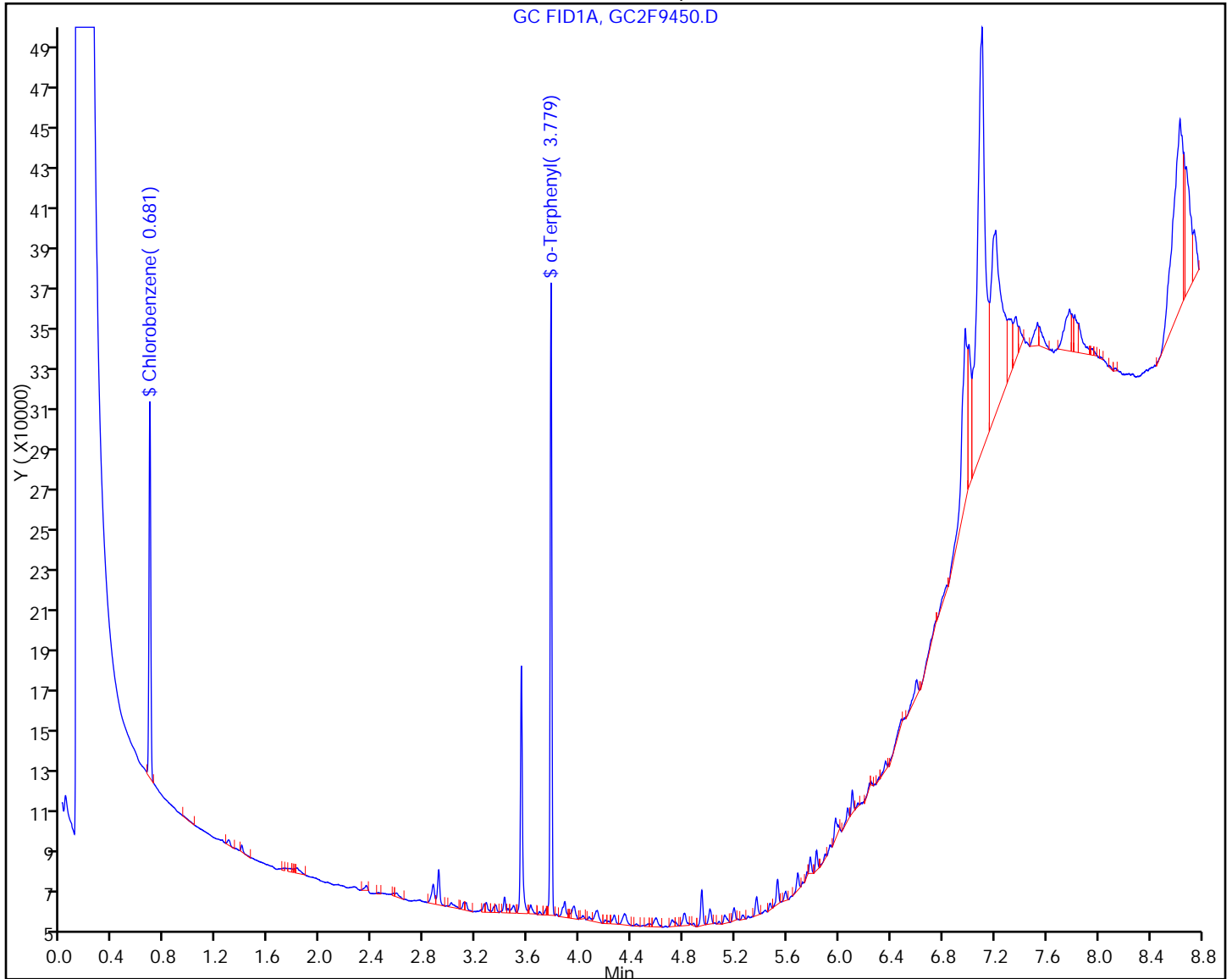
Worklist Smp#: 44

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

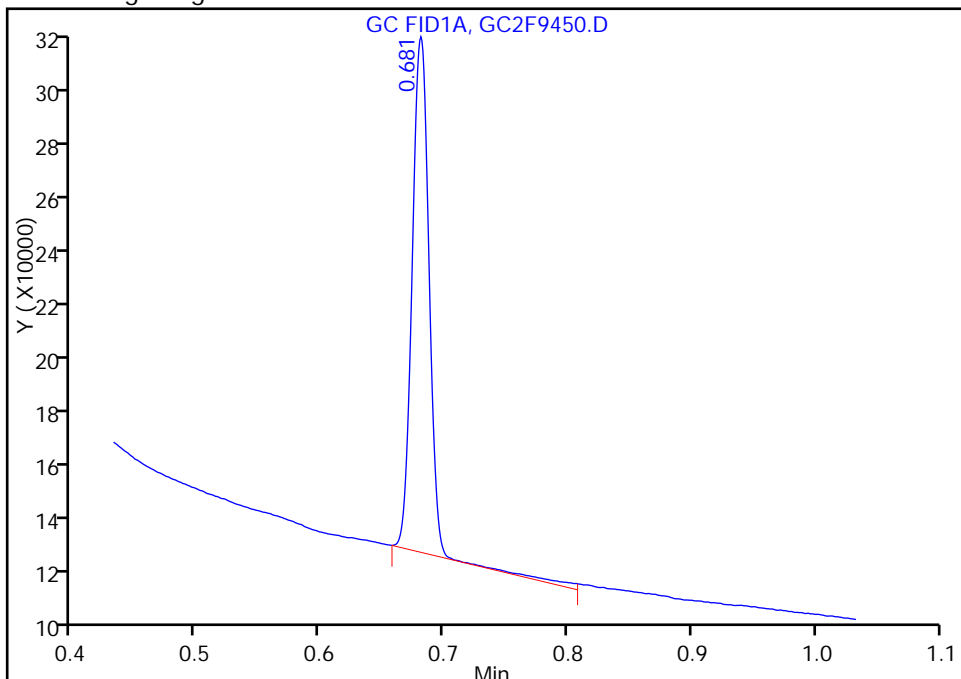
Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9450.D
Injection Date: 12-Mar-2014 18:32:27 Instrument ID: CBNAGC2
Lims ID: pibk
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 4 Worklist Smp#: 44
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

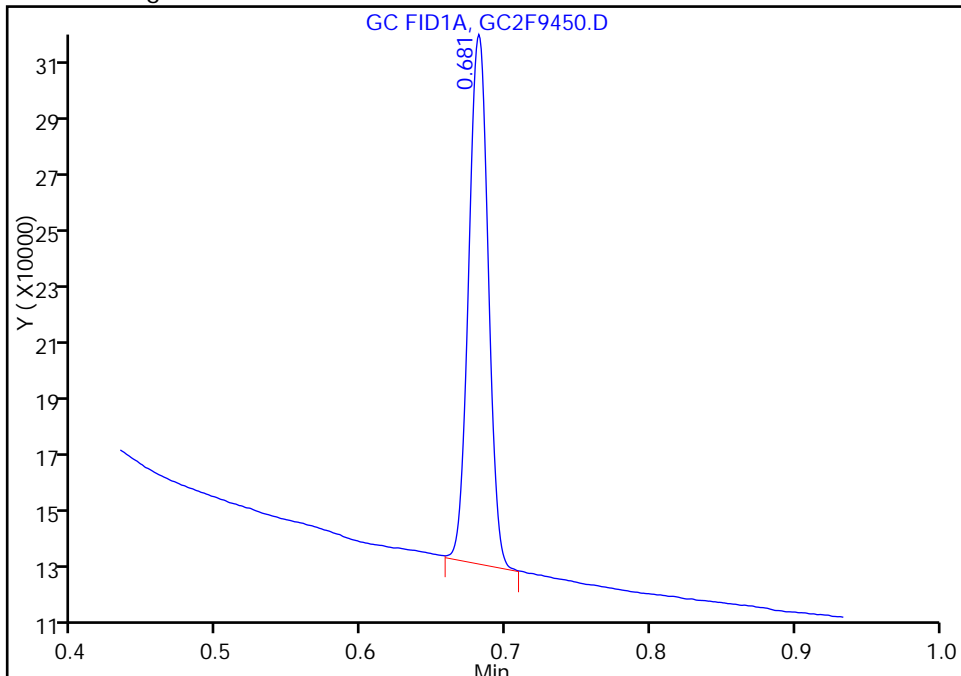
RT: 0.68
Response: 176971
Amount: 7.478976

Processing Integration Results



RT: 0.68
Response: 173682
Amount: 7.339979

Manual Integration Results



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.: 460-72180-1
 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
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\$ 5 Chlorobenzene

0.679 0.676 0.003 174464 7.37

\$ 4 o-Terphenyl

3.776 3.782 -0.006 275107 5.71

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

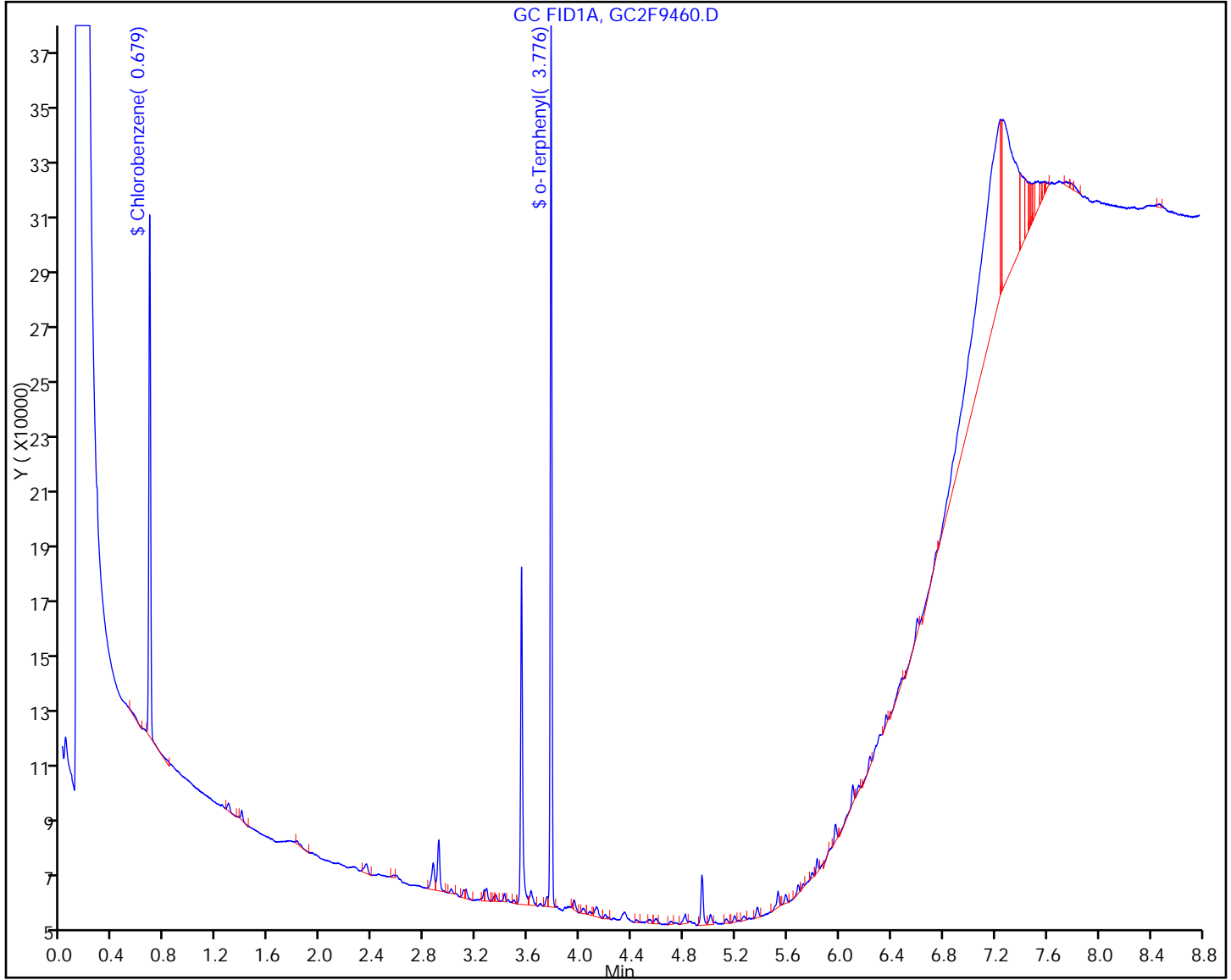
Worklist Smp#: 54

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.: 460-72180-1
 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
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\$ 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

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

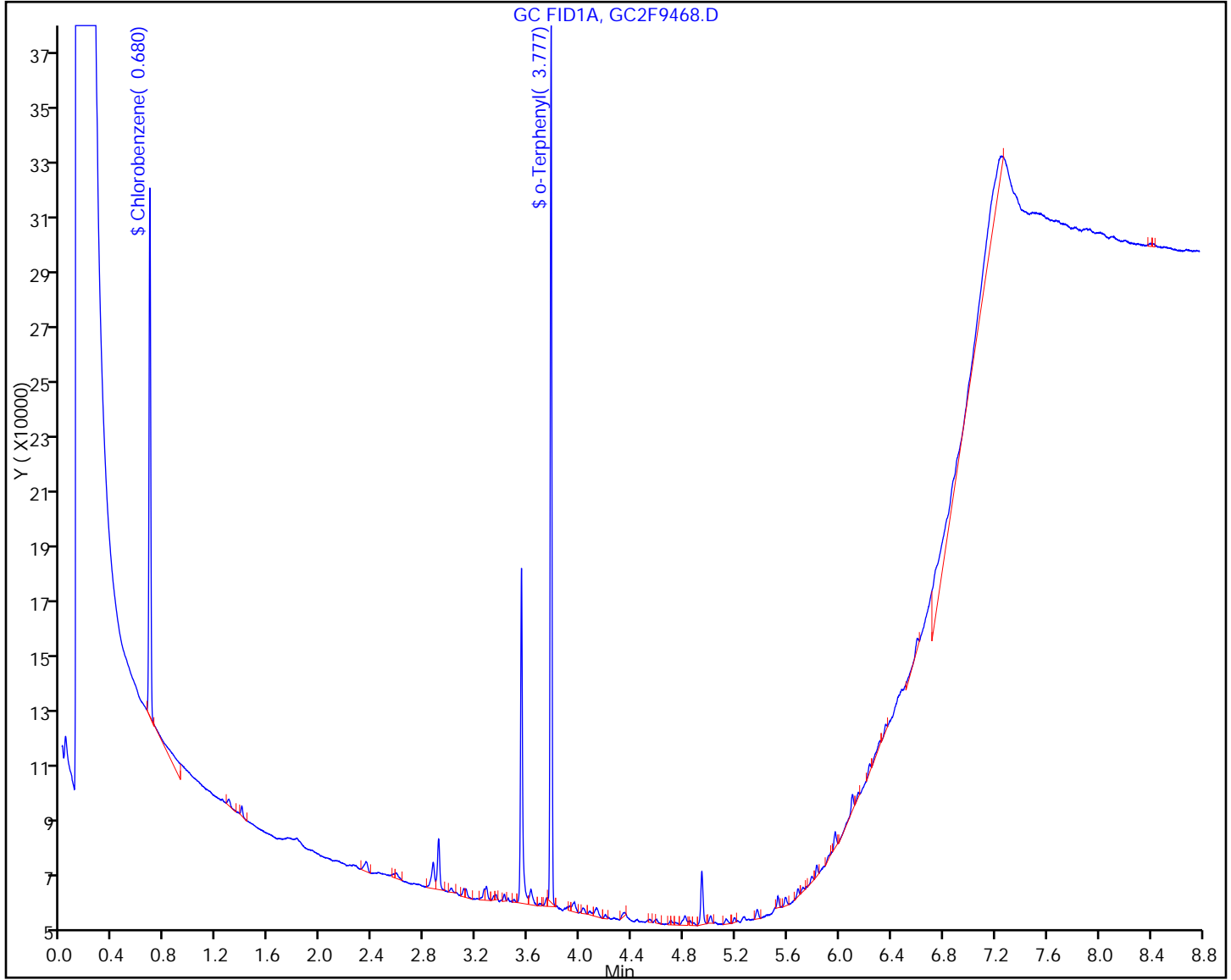
Worklist Smp#: 62

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

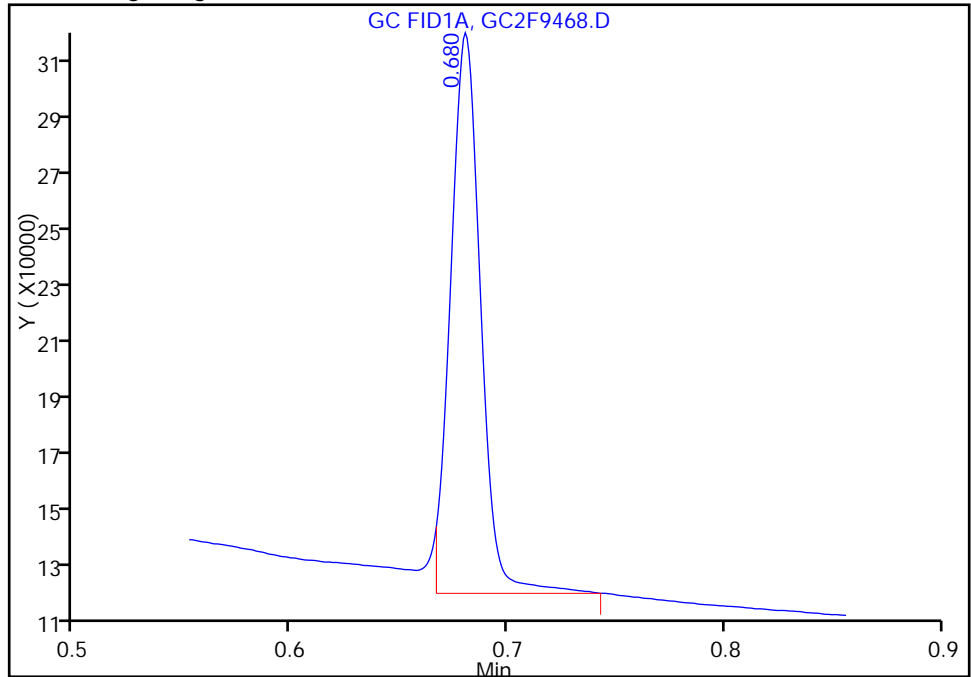
Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9468.D
Injection Date: 12-Mar-2014 22:37:58 Instrument ID: CBNAGC2
Lims ID: pibk
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 4 Worklist Smp#: 62
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

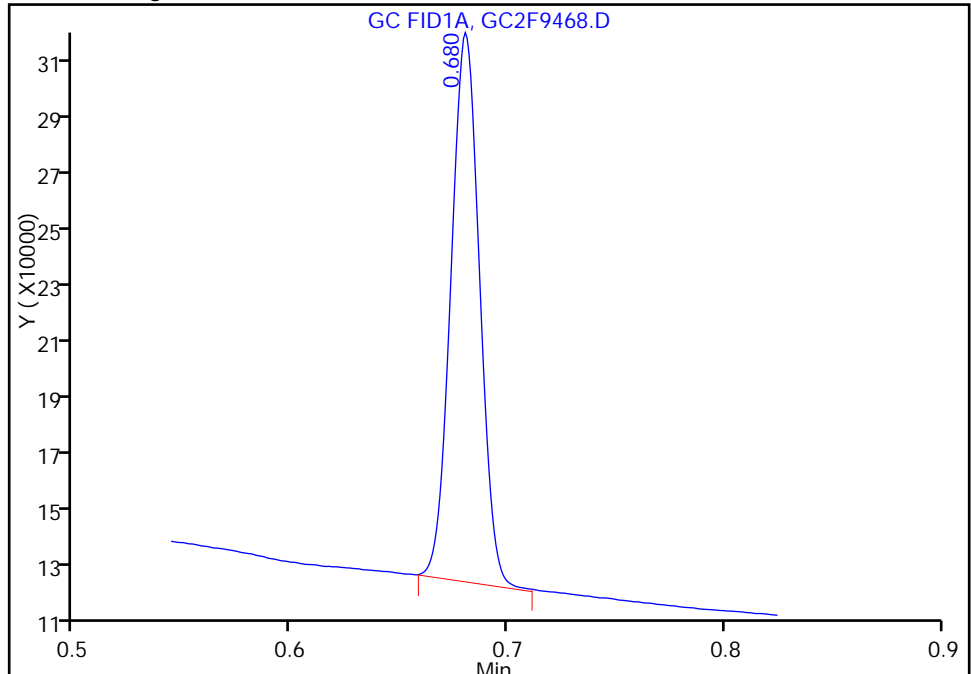
RT: 0.68
Response: 185813
Amount: 7.852648

Processing Integration Results



RT: 0.68
Response: 173275
Amount: 7.322779

Manual Integration Results



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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-212305/2
 Matrix: Solid Lab File ID: GC2F9473.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/13/2014 06:27
 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.: 212305 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	90		50-105
108-90-7	Chlorobenzene	117		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9473.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 13-Mar-2014 06:27:22 ALS Bottle#: 4 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: IB
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:15 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 07:41:44

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					M
0.678	0.678	0.0	172070	7.27	M

\$ 4 o-Terphenyl					
3.774	3.776	-0.002	270022	5.61	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9473.D

Injection Date: 13-Mar-2014 06:27:22

Instrument ID: CBNAGC2

Lims ID: PIBLK

Client ID:

Operator ID:

ALS Bottle#: 4

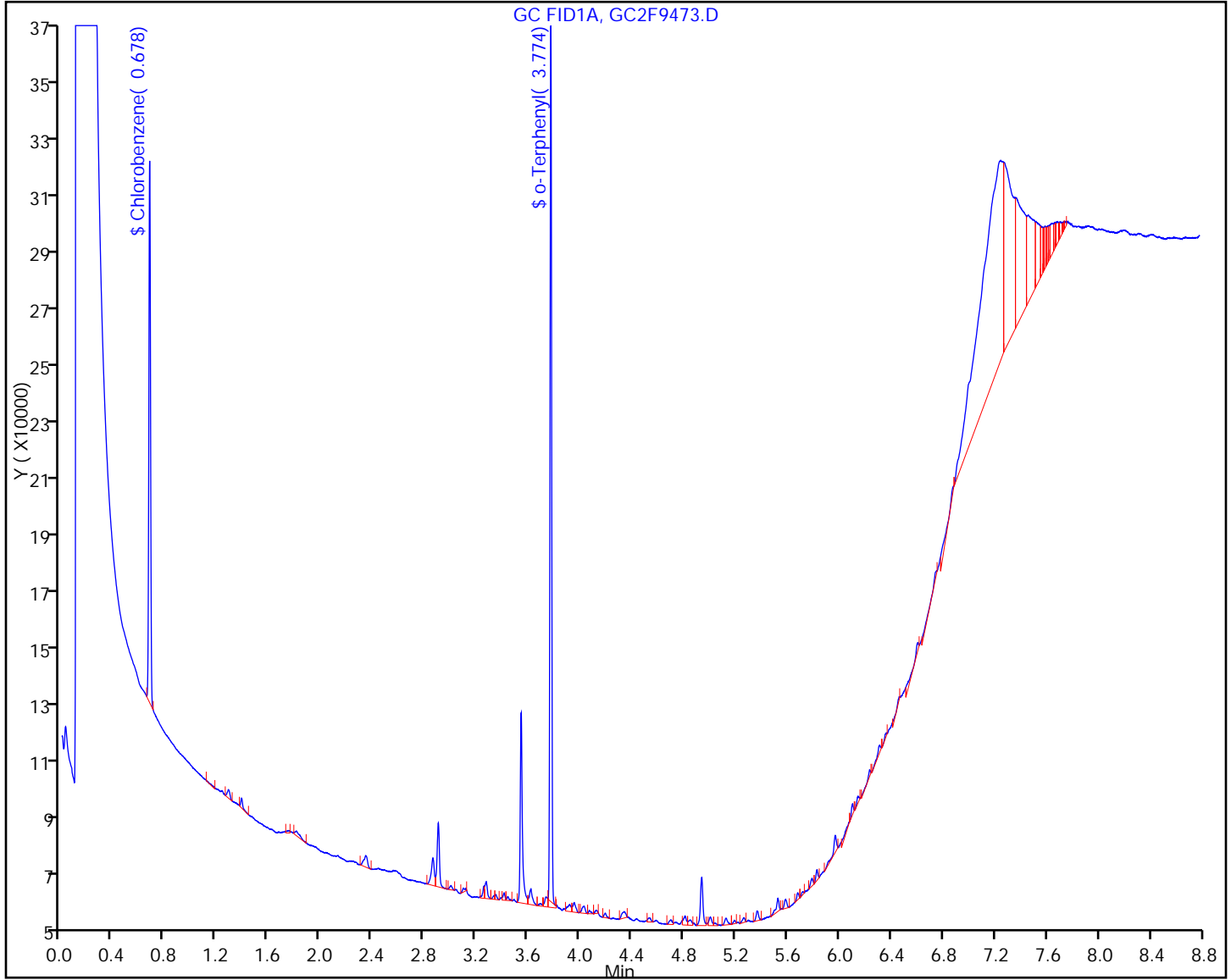
Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



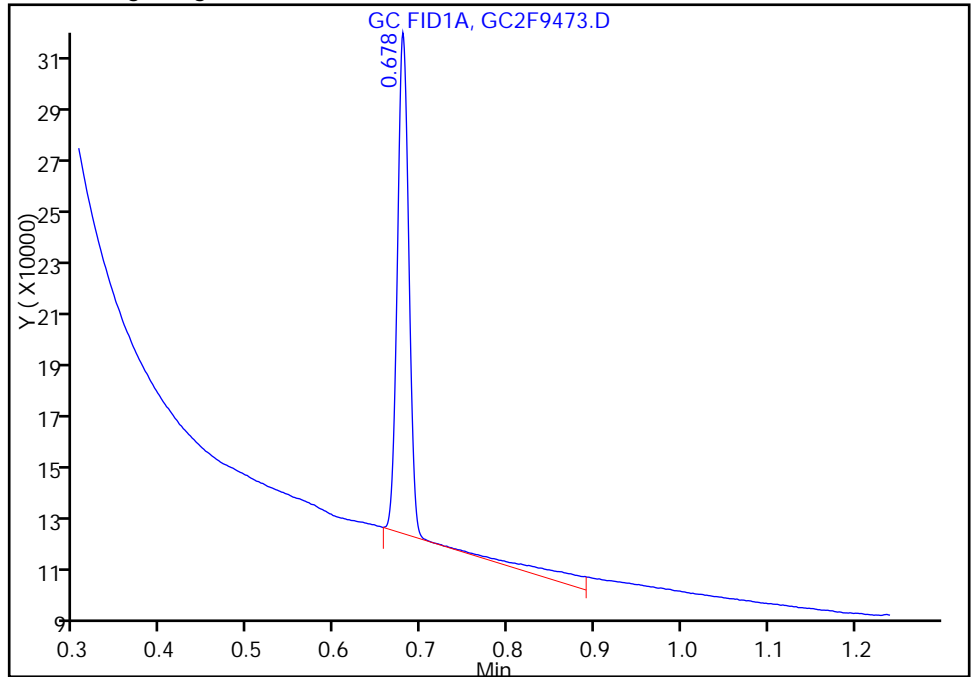
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9473.D
Injection Date: 13-Mar-2014 06:27:22 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
Column: Detector GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

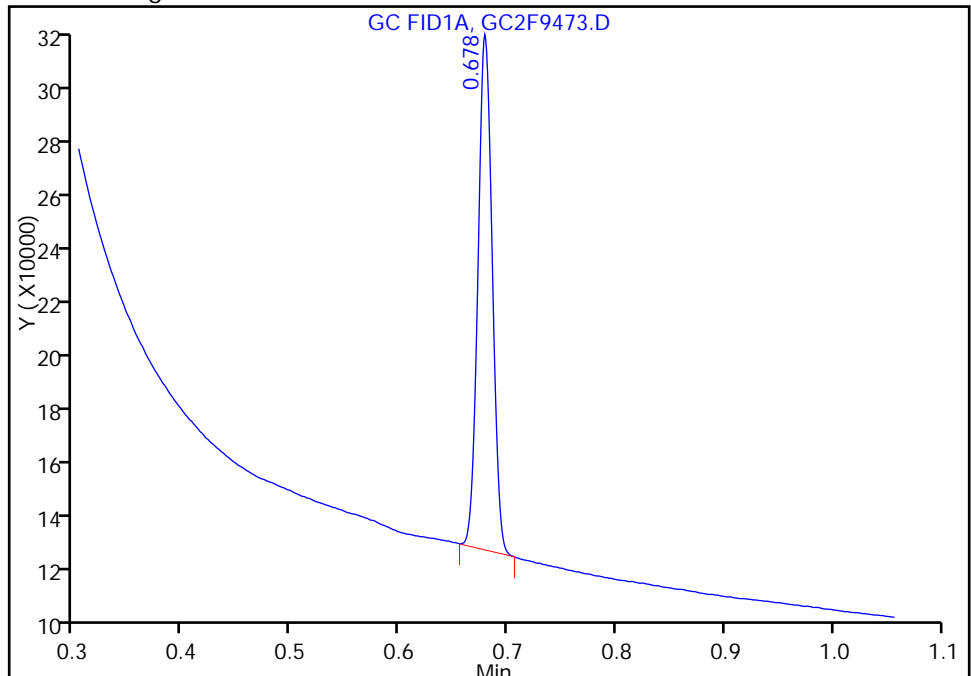
RT: 0.68
Response: 192705
Amount: 8.143911

Processing Integration Results



RT: 0.68
Response: 172070
Amount: 7.271855

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 07:58:54
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-212305/12
 Matrix: Solid Lab File ID: GC2F9483.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/13/2014 09:14
 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.: 212305 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	89		50-105
108-90-7	Chlorobenzene	112		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9483.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 13-Mar-2014 09:14:38 ALS Bottle#: 4 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-012
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:19:43

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					M
0.677	0.678	-0.001	164271	6.94	M

\$ 4 o-Terphenyl					
3.775	3.776	-0.001	265282	5.51	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9483.D

Injection Date: 13-Mar-2014 09:14:38

Instrument ID: CBNAGC2

Lims ID: PIBLK

Client ID:

Operator ID:

ALS Bottle#: 4

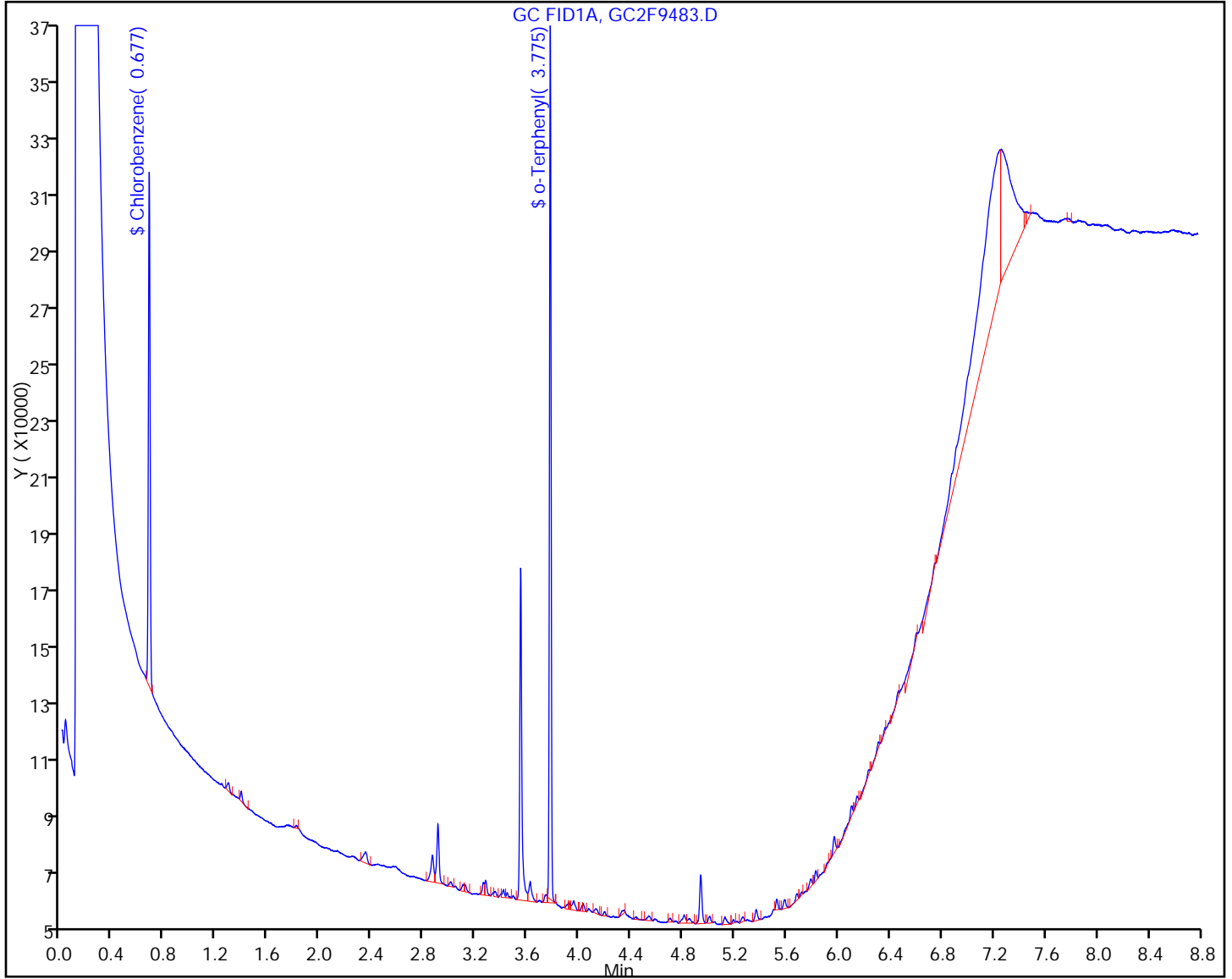
Worklist Smp#: 12

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

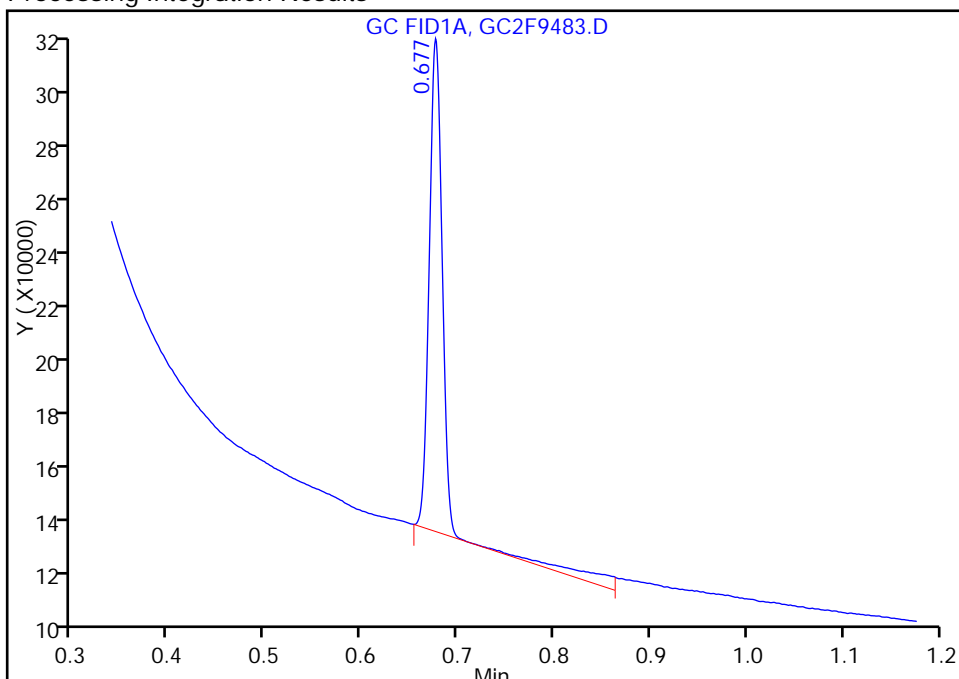
Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9483.D
Injection Date: 13-Mar-2014 09:14:38 Instrument ID: CBNAGC2
Lims ID: PIBLK
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 4 Worklist Smp#: 12
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

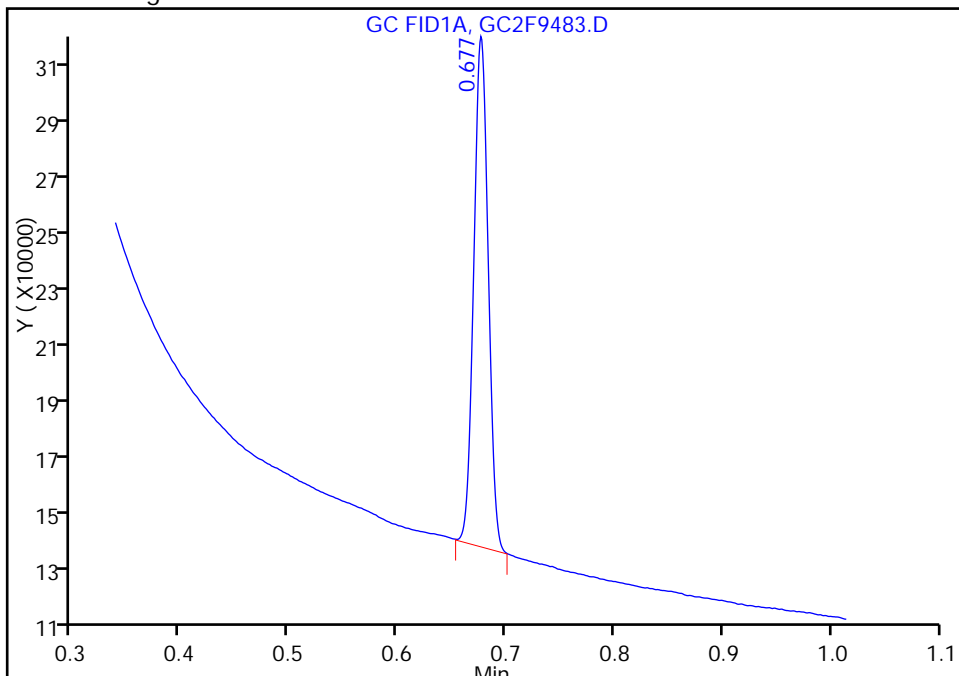
RT: 0.68
Response: 180341
Amount: 7.621396

Processing Integration Results



RT: 0.68
Response: 164271
Amount: 6.942261

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:19:53
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-212305/23
 Matrix: Solid Lab File ID: GC2F9494.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/13/2014 11:45
 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.: 212305 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	89		50-105
108-90-7	Chlorobenzene	114		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9494.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 13-Mar-2014 11:45:16 ALS Bottle#: 4 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-023
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 13:00:55

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene M
 0.677 0.678 -0.001 167669 7.09 M

\$ 4 o-Terphenyl
 3.775 3.776 -0.001 264512 5.49

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9494.D

Injection Date: 13-Mar-2014 11:45:16

Instrument ID: CBNAGC2

Lims ID: PIBLK

Client ID:

Operator ID:

ALS Bottle#: 4

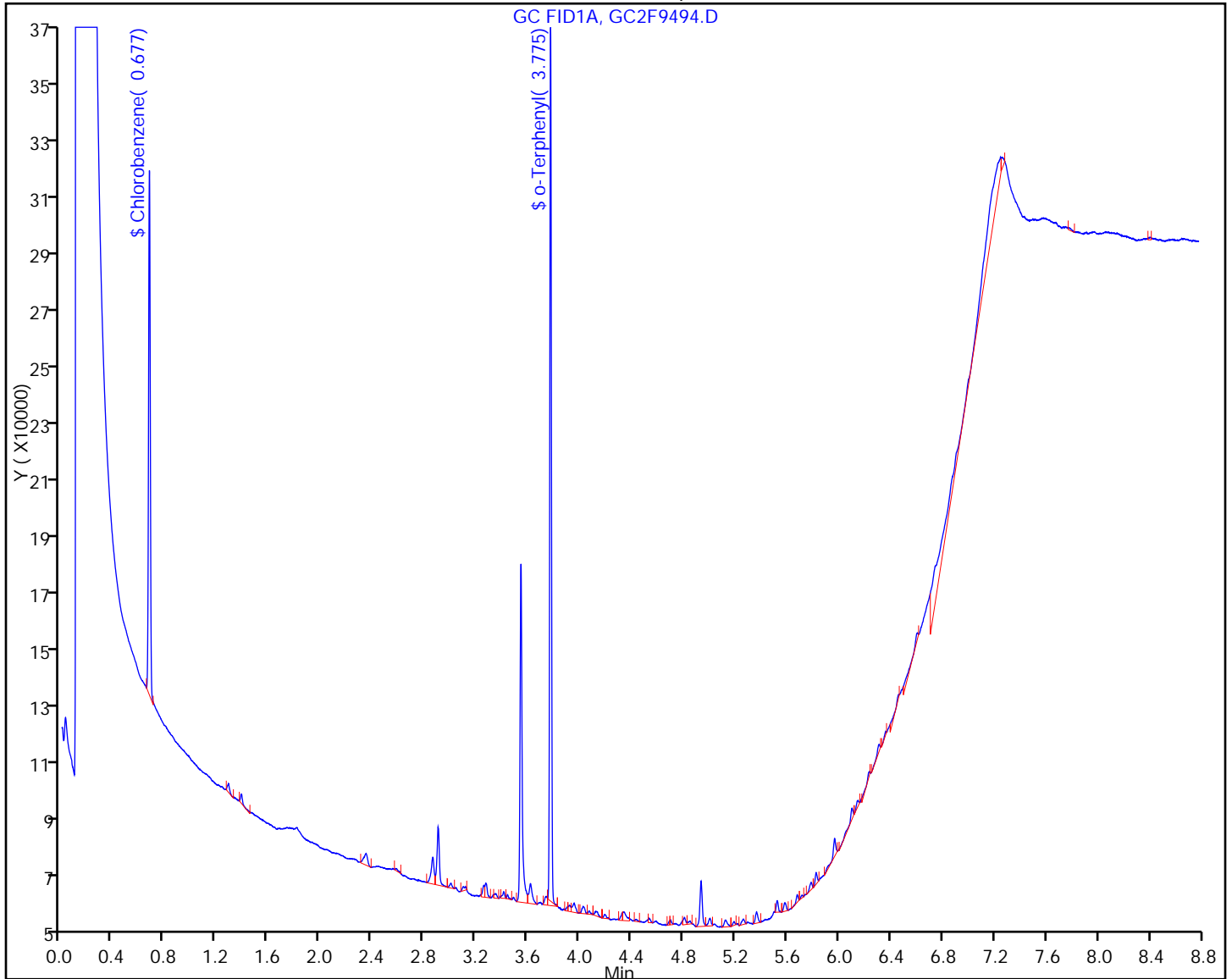
Worklist Smp#: 23

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



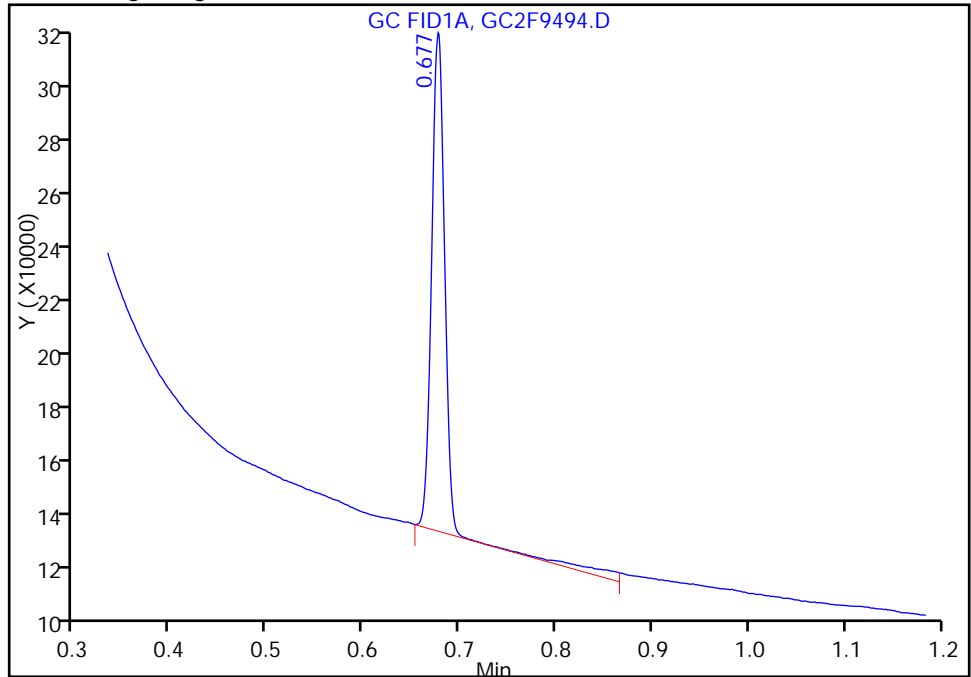
TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9494.D
Injection Date: 13-Mar-2014 11:45:16 Instrument ID: CBNAGC2
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 23
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

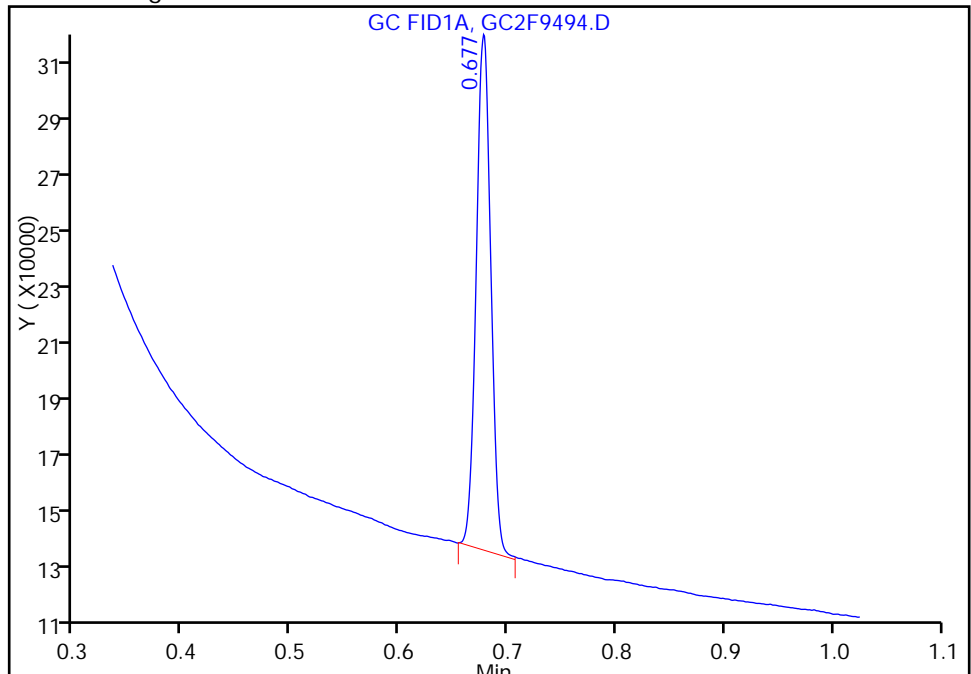
RT: 0.68
Response: 177637
Amount: 7.507122

Processing Integration Results



RT: 0.68
Response: 167669
Amount: 7.085864

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 13:00:55
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-212305/33
 Matrix: Solid Lab File ID: GC2F9504.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/13/2014 14:01
 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.: 212305 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	91		50-105
108-90-7	Chlorobenzene	114		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9504.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 13-Mar-2014 14:01:38 ALS Bottle#: 4 Worklist Smp#: 33
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-033
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:30 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 15:13:37

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					M
0.676	0.678	-0.002	167073	7.06	M

\$ 4 o-Terphenyl					
3.771	3.776	-0.005	273092	5.67	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9504.D

Injection Date: 13-Mar-2014 14:01:38

Instrument ID: CBNAGC2

Lims ID: PIBLK

Client ID:

Operator ID:

ALS Bottle#: 4

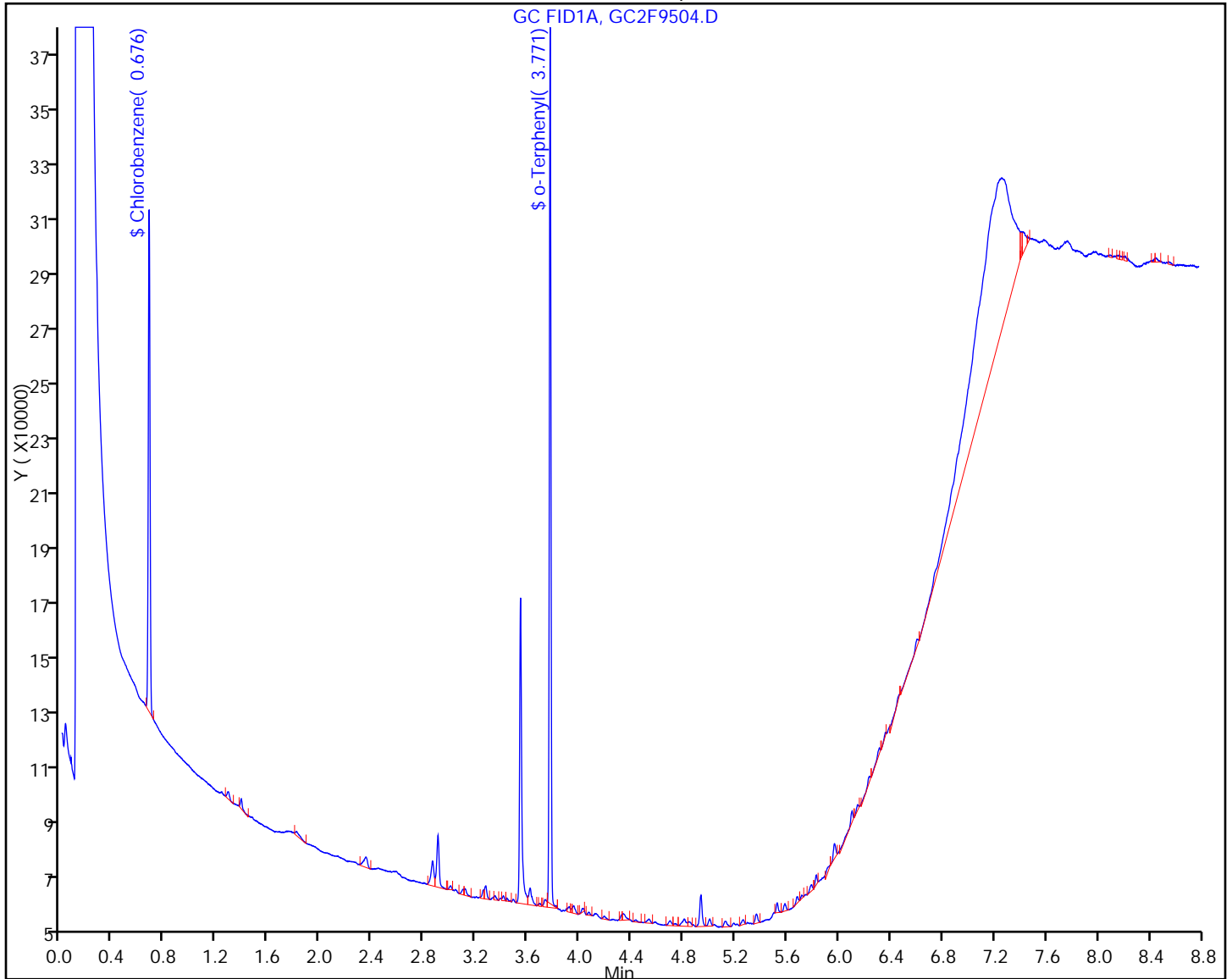
Worklist Smp#: 33

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

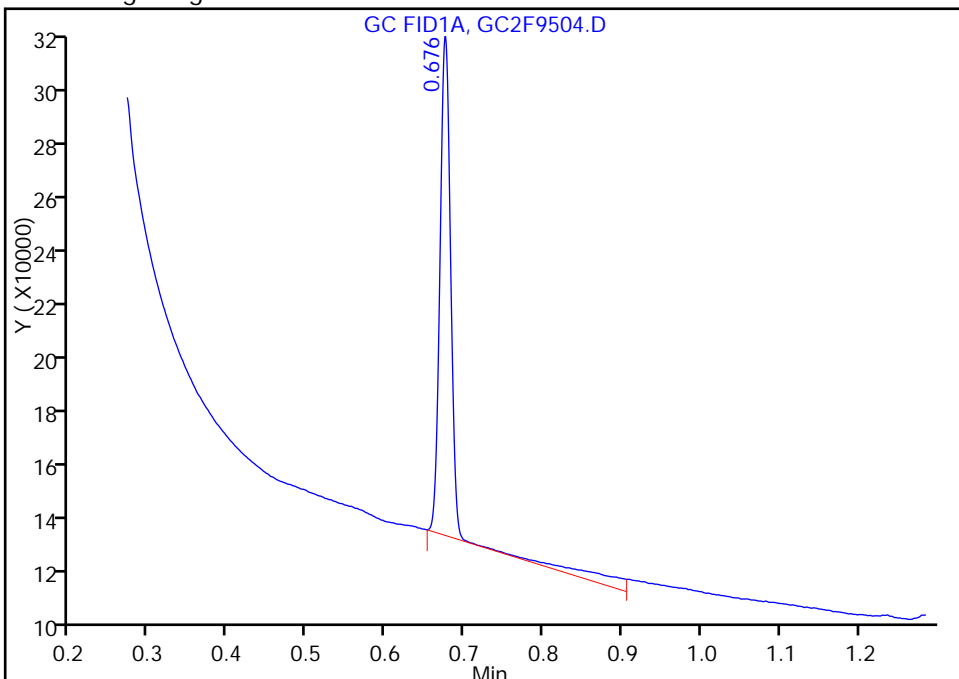
Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9504.D
Injection Date: 13-Mar-2014 14:01:38 Instrument ID: CBNAGC2
Lims ID: PIBLK
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 4 Worklist Smp#: 33
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

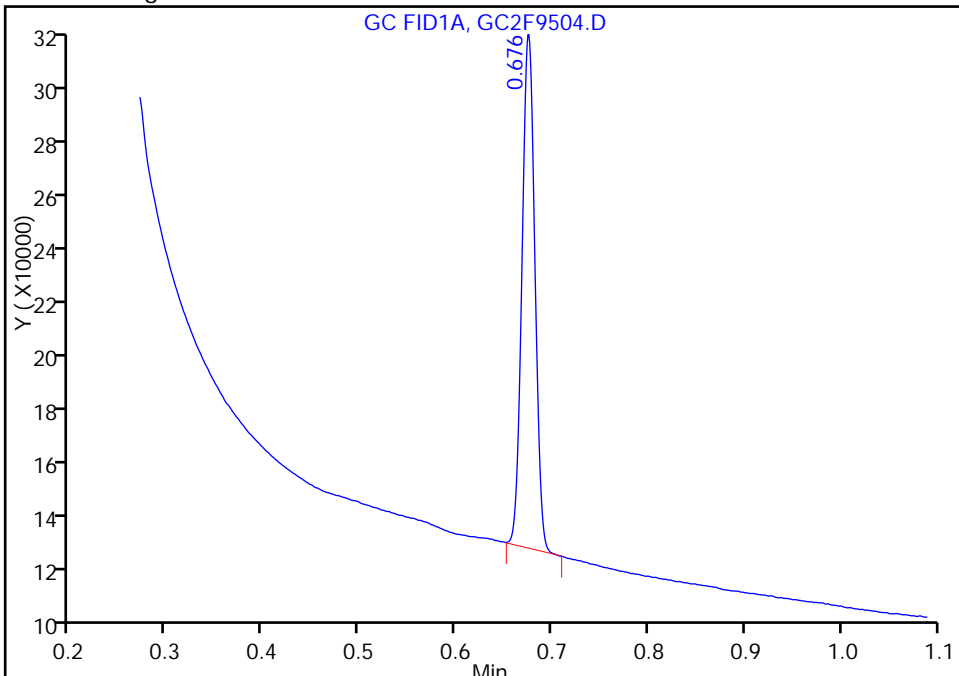
RT: 0.68
Response: 186858
Amount: 7.896811

Processing Integration Results



RT: 0.68
Response: 167073
Amount: 7.060676

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 15:13:37
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-212305/42
 Matrix: Solid Lab File ID: GC2F9513.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 03/13/2014 16:04
 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.: 212305 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	116		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9513.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 13-Mar-2014 16:04:02 ALS Bottle#: 4 Worklist Smp#: 42
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-042
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:36 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:24:52

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
--------------	------------------	------------------	----------	---------------------	-------

\$ 5 Chlorobenzene					M
0.675	0.678	-0.003	170420	7.20	M

\$ 4 o-Terphenyl					
3.770	3.776	-0.006	282207	5.86	

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9513.D

Injection Date: 13-Mar-2014 16:04:02

Instrument ID: CBNAGC2

Lims ID: PIBLK

Client ID:

Operator ID:

ALS Bottle#: 4

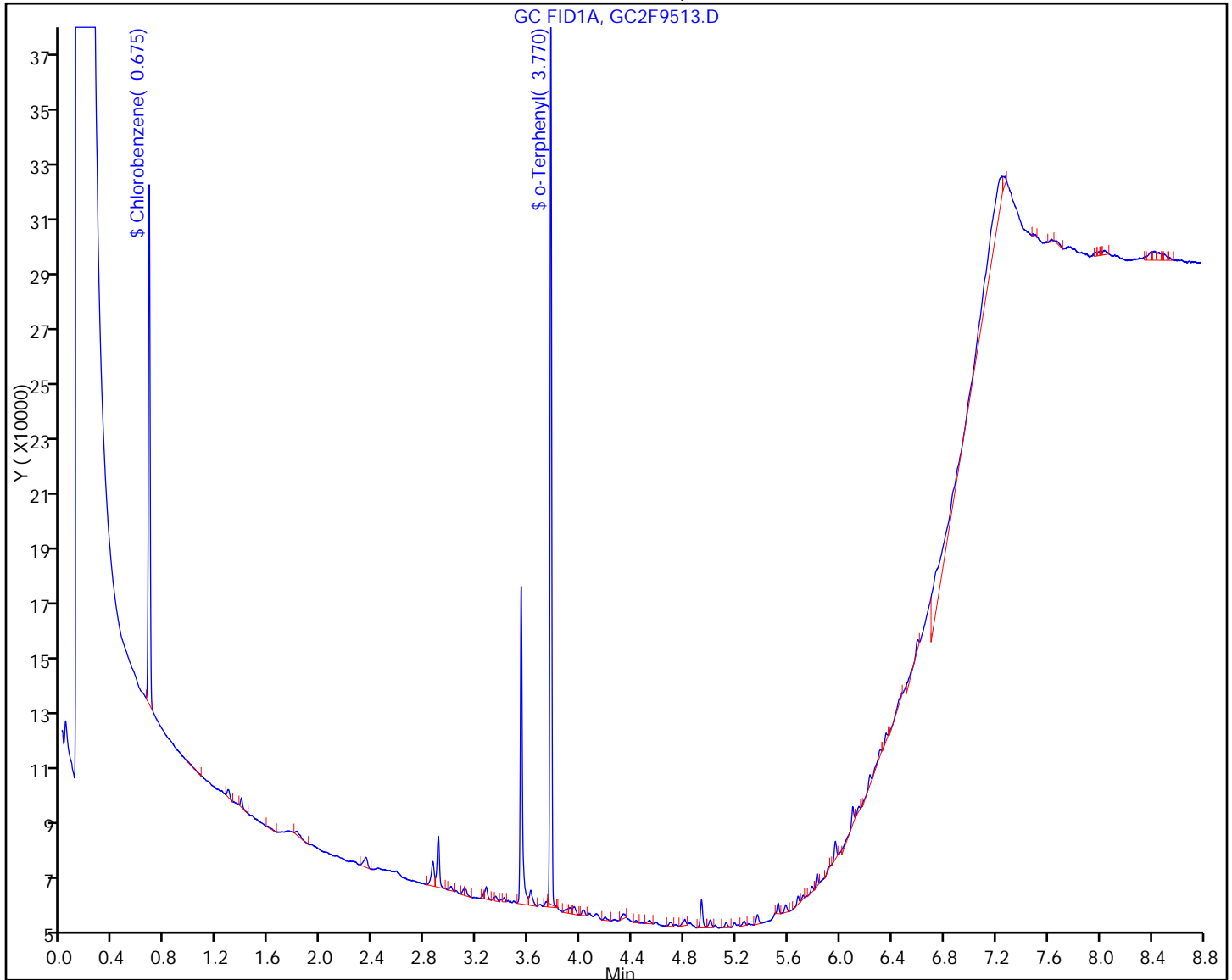
Worklist Smp#: 42

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

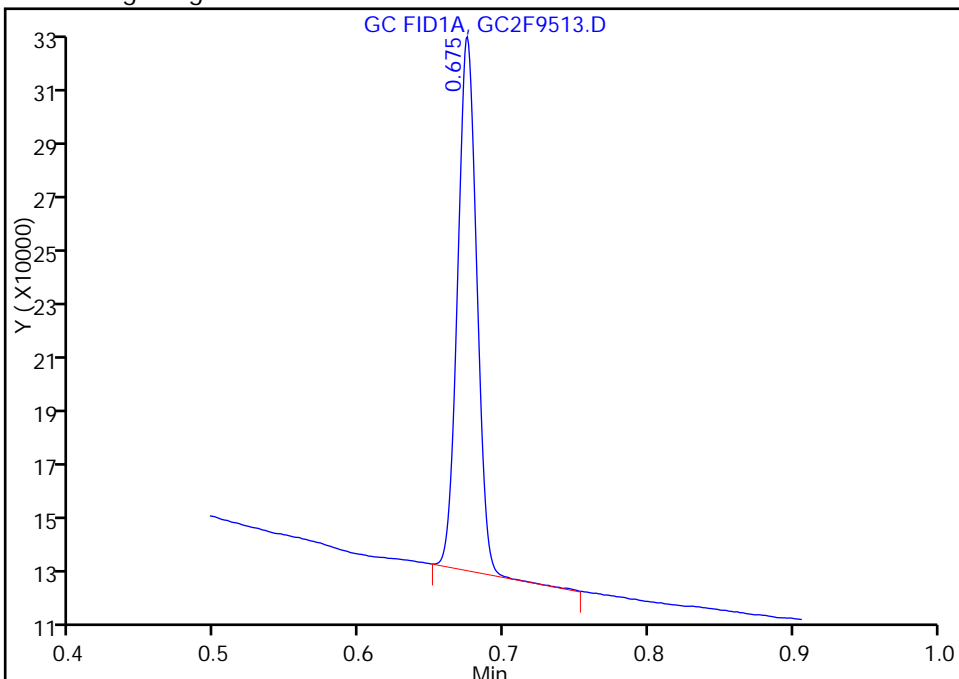
Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9513.D
Injection Date: 13-Mar-2014 16:04:02 Instrument ID: CBNAGC2
Lims ID: PIBLK
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 4 Worklist Smp#: 42
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

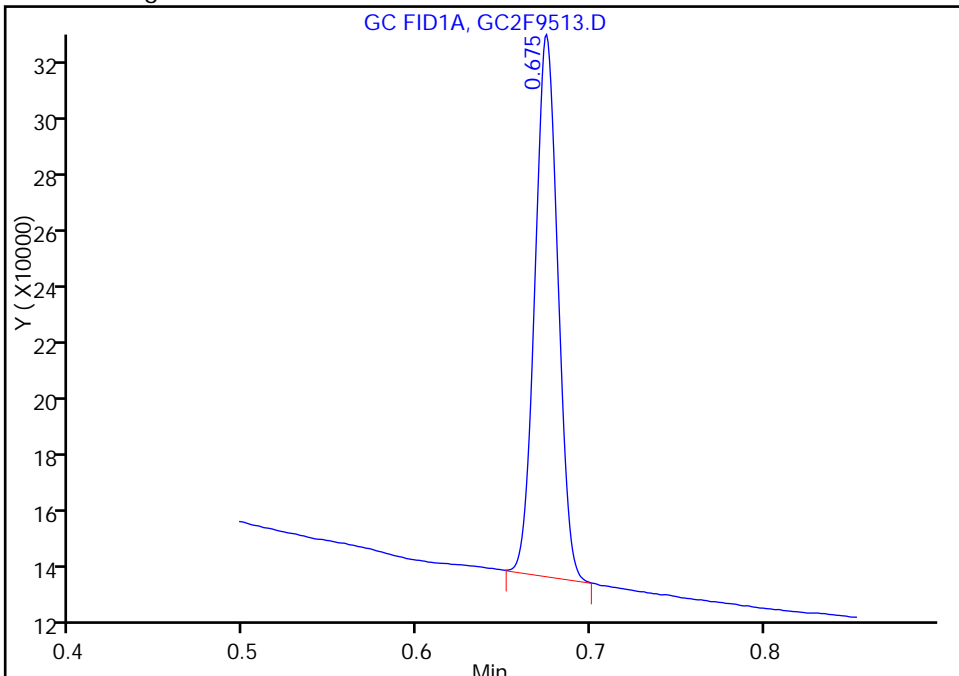
RT: 0.67
Response: 171218
Amount: 7.235848

Processing Integration Results



RT: 0.67
Response: 170420
Amount: 7.202124

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:24:52
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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
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\$ 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

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

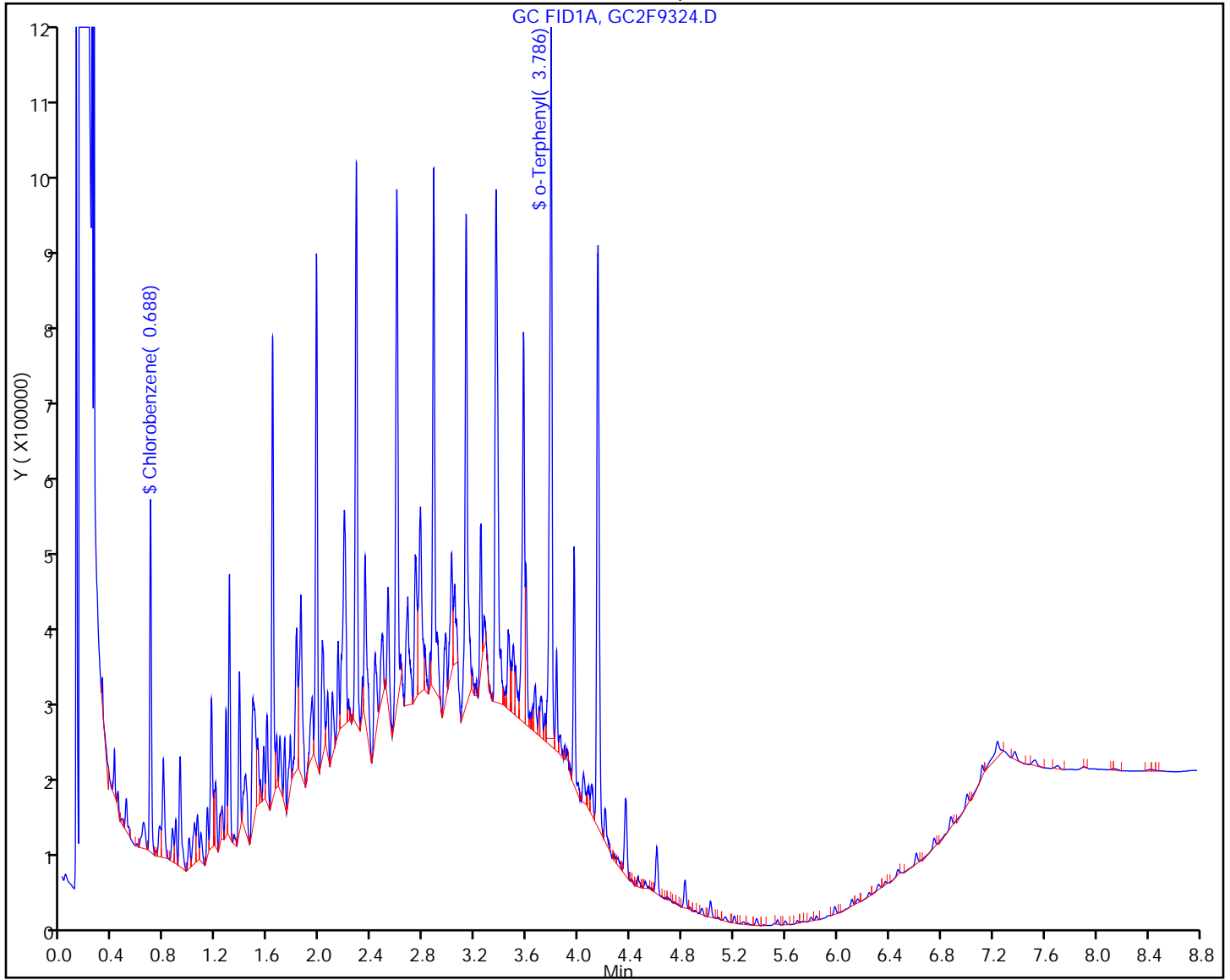
Worklist Smp#: 5

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.: 460-72180-1
 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
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\$ 5 Chlorobenzene					
0.682	0.676	0.006	491023	20.8	
A 3 C8-C40					
3.770	0.393 -	7.147	59576848	2230.0	kM
\$ 4 o-Terphenyl					
3.780	3.782	-0.002	993580	20.6	M

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

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

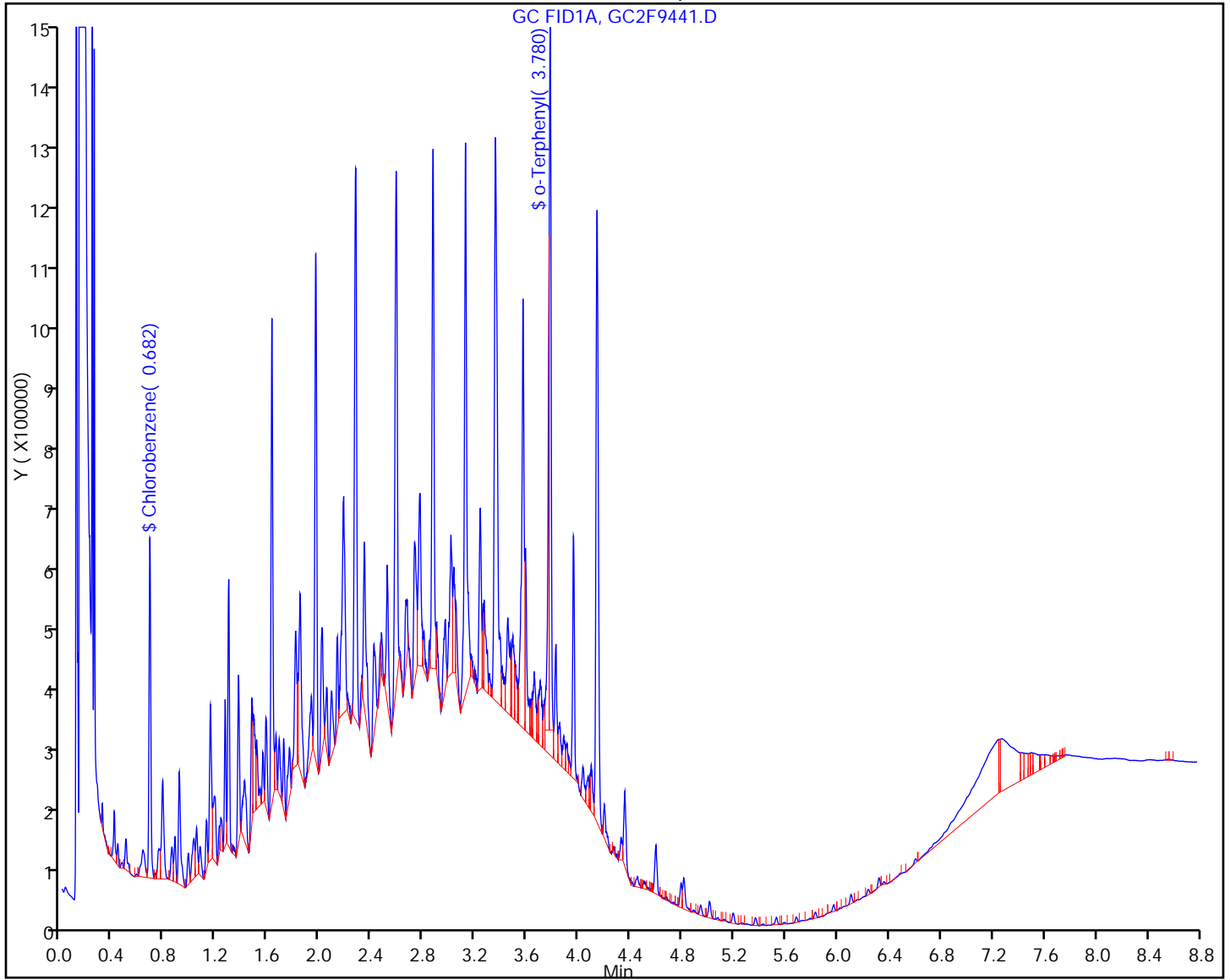
Worklist Smp#: 35

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



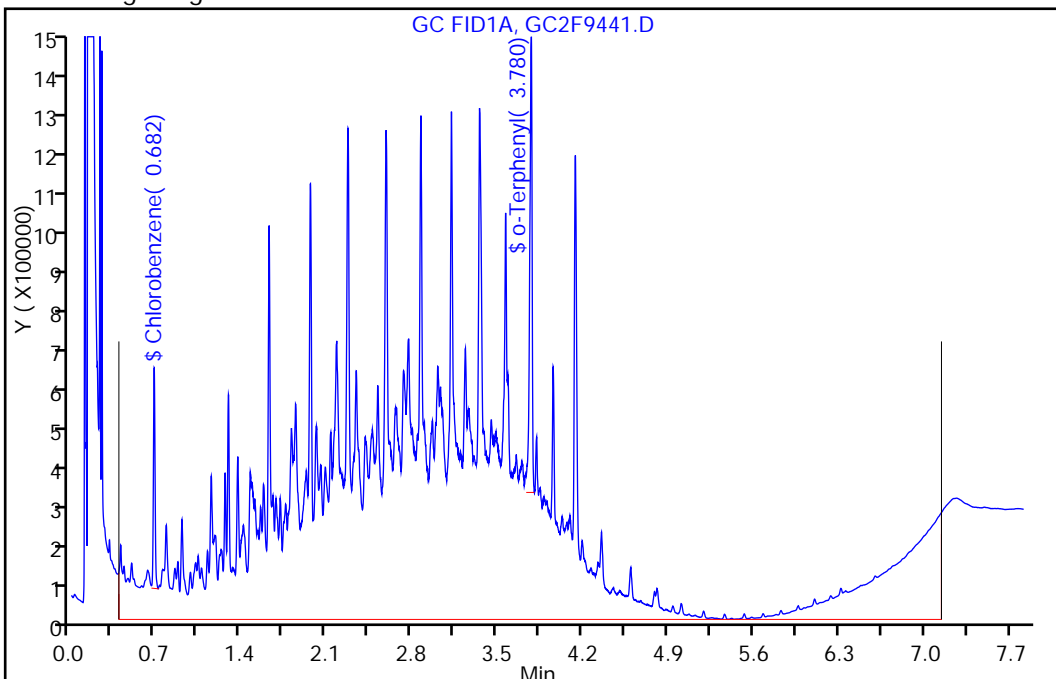
TestAmerica Edison

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

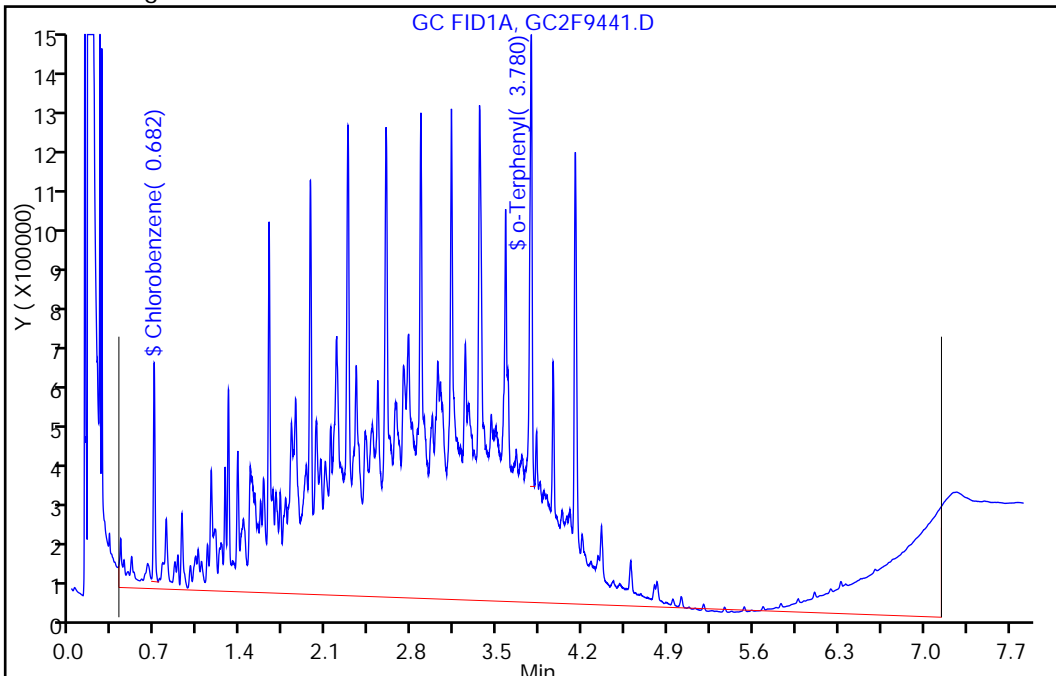
RT: 3.77
Response: 69164455
Amount: 2588.8983

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

TestAmerica Edison

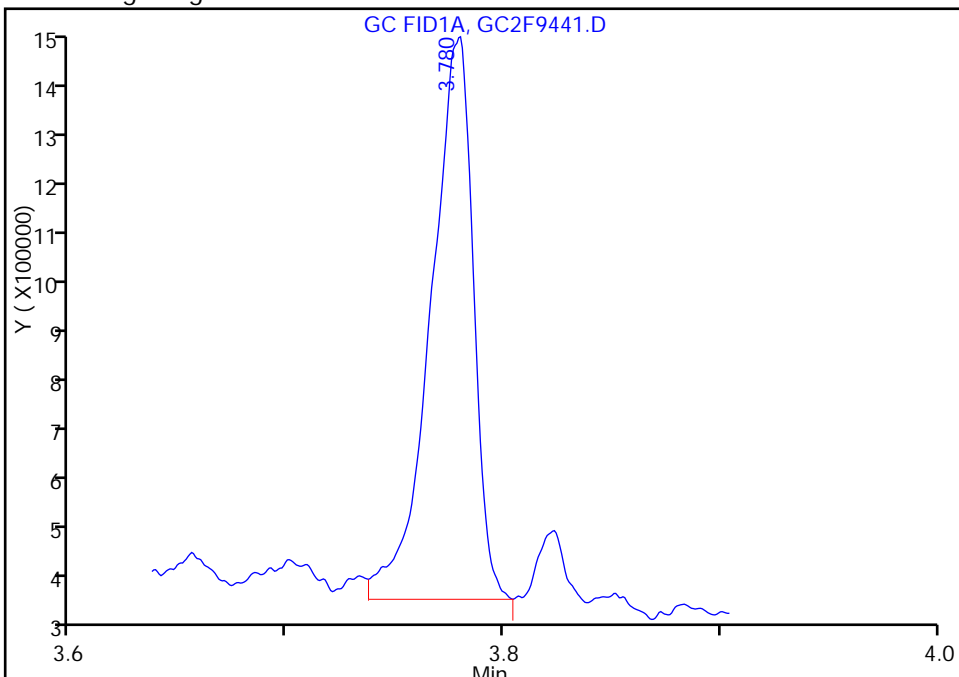
Data File: \\EDICHROM\ChromData\CBNAGC2\20140312-10762.b\GC2F9441.D
Injection Date: 12-Mar-2014 16:29:58 Instrument ID: CBNAGC2
Lims ID: LCS 460-211688/2-A
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 49 Worklist Smp#: 35
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 4 o-Terphenyl, CAS: 84-15-1

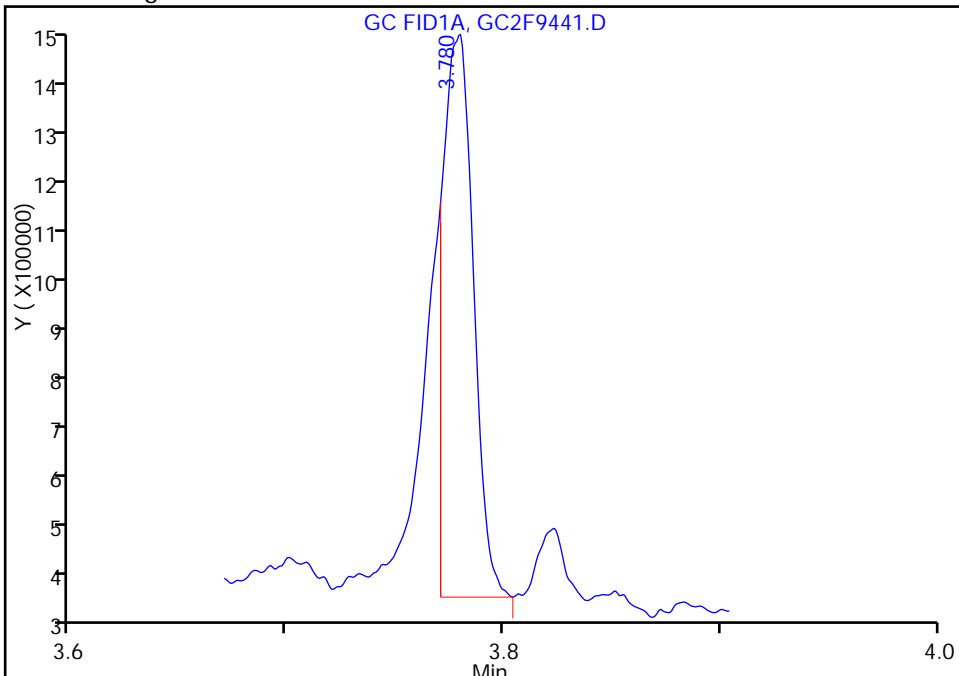
RT: 3.78
Response: 1458674
Amount: 30.292560

Processing Integration Results



RT: 3.78
Response: 993580
Amount: 20.633864

Manual Integration Results



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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211689/2-A
 Matrix: Solid Lab File ID: GC2F9486.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 09:55
 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.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	128		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		50-105
108-90-7	Chlorobenzene	75		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9486.D
 Lims ID: LCS 460-211689/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Mar-2014 09:55:33 ALS Bottle#: 15 Worklist Smp#: 15
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-015
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:23 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: XAWRK002

First Level Reviewer: nimerd Date: 14-Mar-2014 08:20:33

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
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\$ 5 Chlorobenzene					
0.679	0.678	0.001	353896	15.0	
A 3 C8-C40					
3.765	0.393 -	7.136	51438092	1925.4	k
\$ 4 o-Terphenyl					
3.775	3.776	-0.001	905634	18.8	M

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9486.D

Injection Date: 13-Mar-2014 09:55:33

Instrument ID: CBNAGC2

Lims ID: LCS 460-211689/2-A

Client ID:

Operator ID:

ALS Bottle#: 15

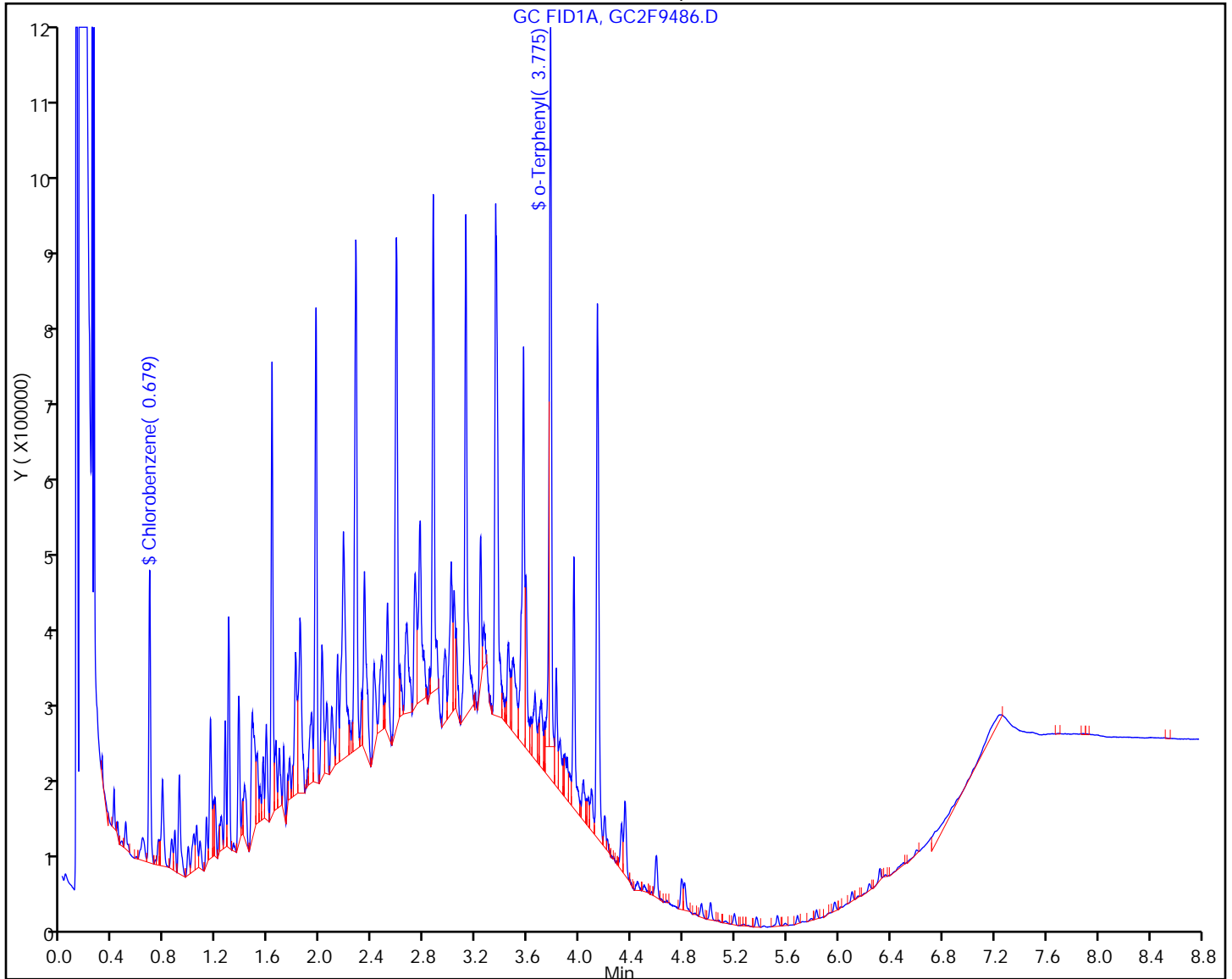
Worklist Smp#: 15

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

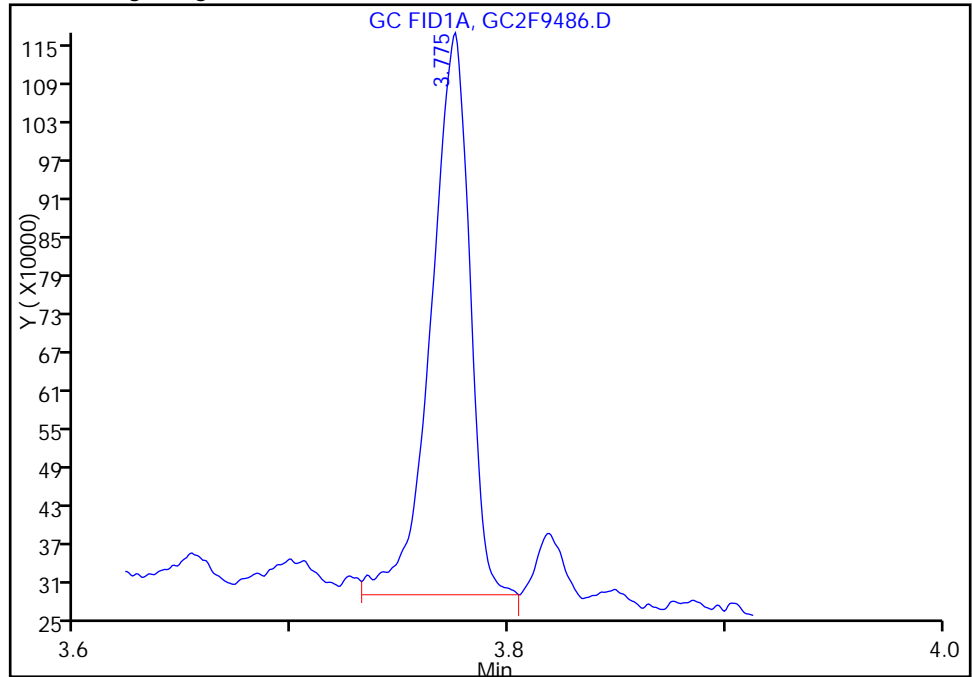
Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9486.D
Injection Date: 13-Mar-2014 09:55:33 Instrument ID: CBNAGC2
Lims ID: LCS 460-211689/2-A
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 15 Worklist Smp#: 15
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 4 o-Terphenyl, CAS: 84-15-1

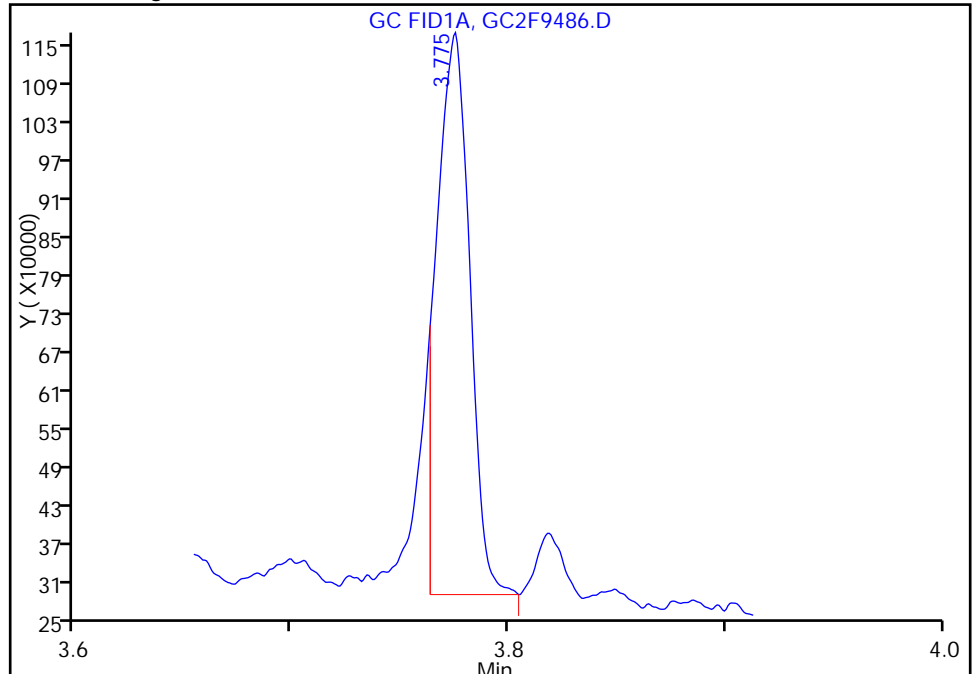
RT: 3.78
Response: 1096098
Amount: 22.762875

Processing Integration Results



RT: 3.78
Response: 905634
Amount: 18.807473

Manual Integration Results



Reviewer: nimerd, 14-Mar-2014 08:20:33
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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-211888/2-A
 Matrix: Solid Lab File ID: GC2F9476.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 07:38
 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.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	140		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		50-105
108-90-7	Chlorobenzene	79		40-80

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9476.D
 Lims ID: LCS 460-211888/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 13-Mar-2014 07:38:36 ALS Bottle#: 7 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0010807-005
 Operator ID: Instrument ID: CBNAGC2
 Method: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\QAM2F.m
 Limit Group: GC 8015 QAM ICAL
 Last Update: 14-Mar-2014 08:25:17 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: XAWRK002

First Level Reviewer: nimerd Date: 13-Mar-2014 08:52:35

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	On-Col Amt ug/ml	Flags
\$ 5 Chlorobenzene					
0.681	0.678	0.003	375045	15.8	M
A 3 C8-C40					
3.765	0.393 -	7.136	55989582	2095.7	k
\$ 4 o-Terphenyl					
3.775	3.776	-0.001	807058	16.8	M

QC Flag Legend

Processing Flags

k - Response Background Subtracted

Review Flags

M - Manually Integrated

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9476.D

Injection Date: 13-Mar-2014 07:38:36

Instrument ID: CBNAGC2

Lims ID: LCS 460-211888/2-A

Client ID:

Operator ID:

ALS Bottle#: 7

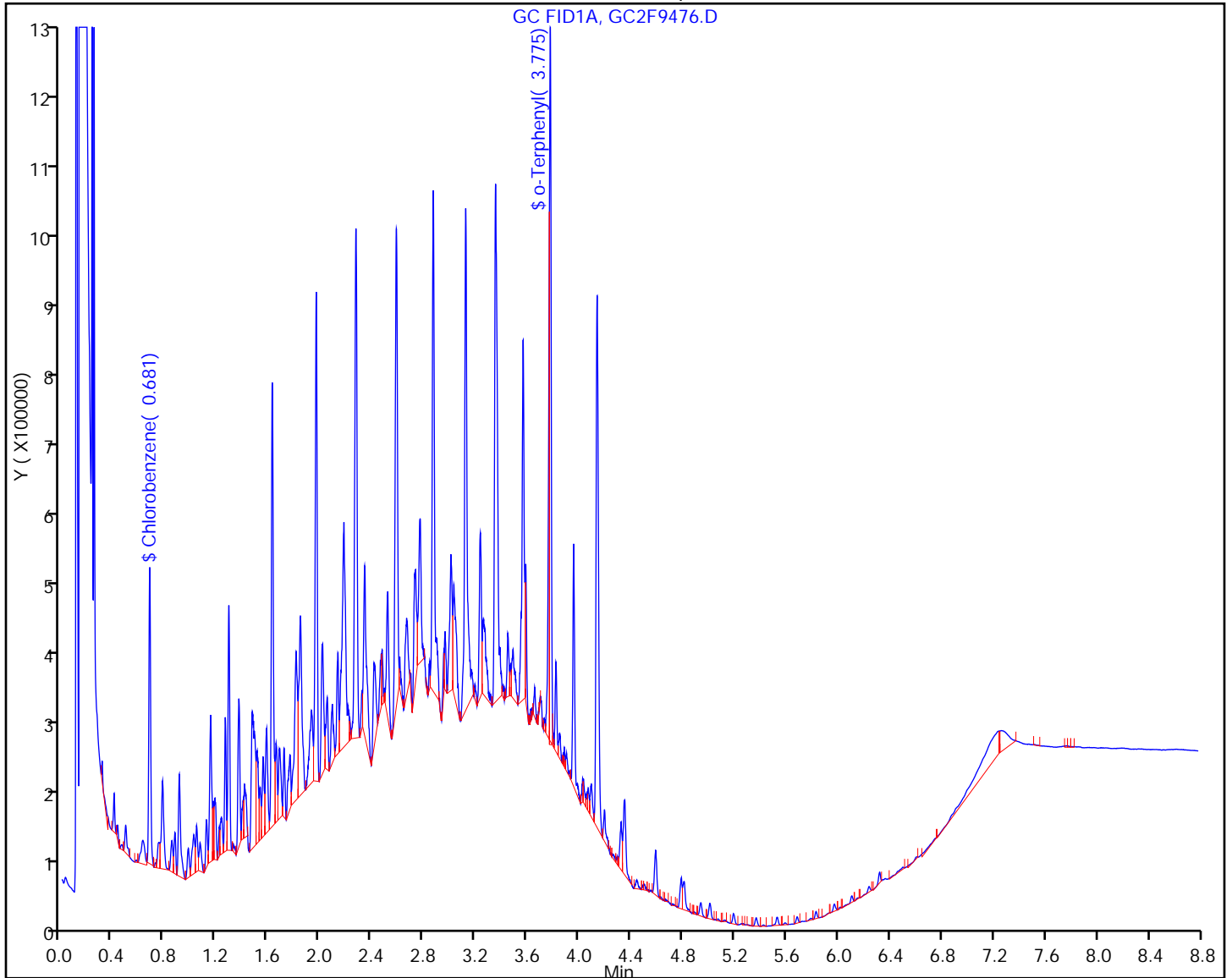
Worklist Smp#: 5

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: QAM2F

Limit Group: GC 8015 QAM ICAL



TestAmerica Edison

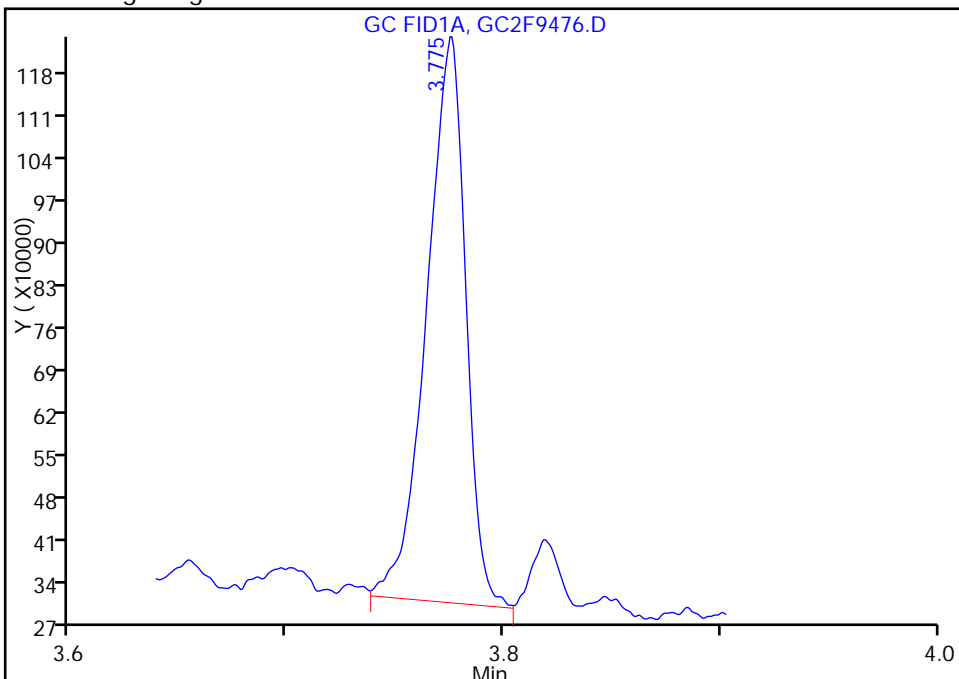
Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9476.D
Injection Date: 13-Mar-2014 07:38:36 Instrument ID: CBNAGC2
Lims ID: LCS 460-211888/2-A
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 7 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 4 o-Terphenyl, CAS: 84-15-1

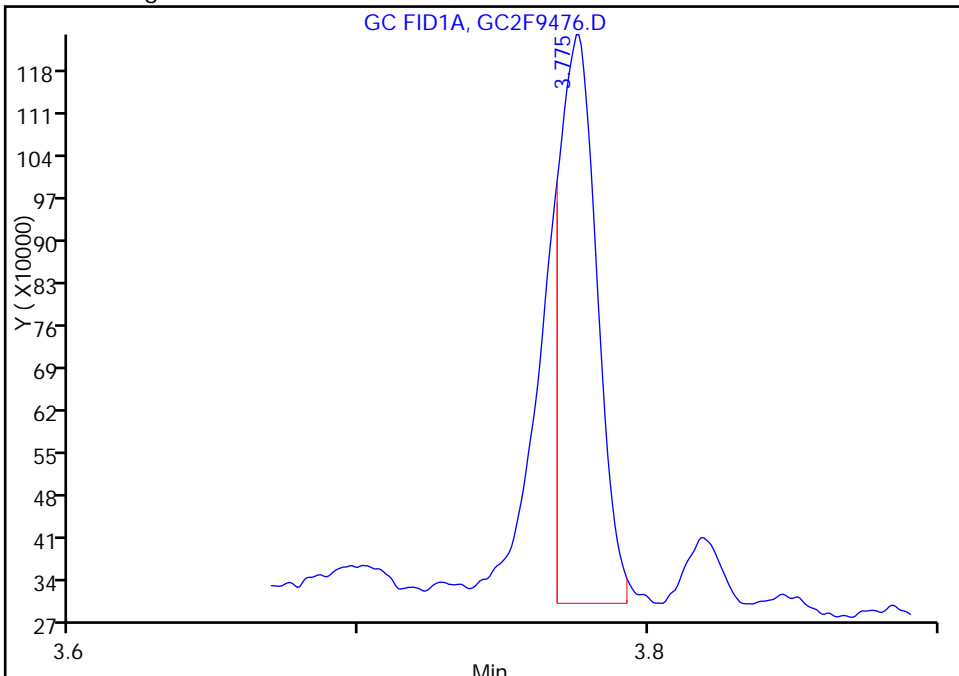
RT: 3.78
Response: 1169429
Amount: 24.285754

Processing Integration Results



RT: 3.78
Response: 807058
Amount: 16.760327

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 08:52:35
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison

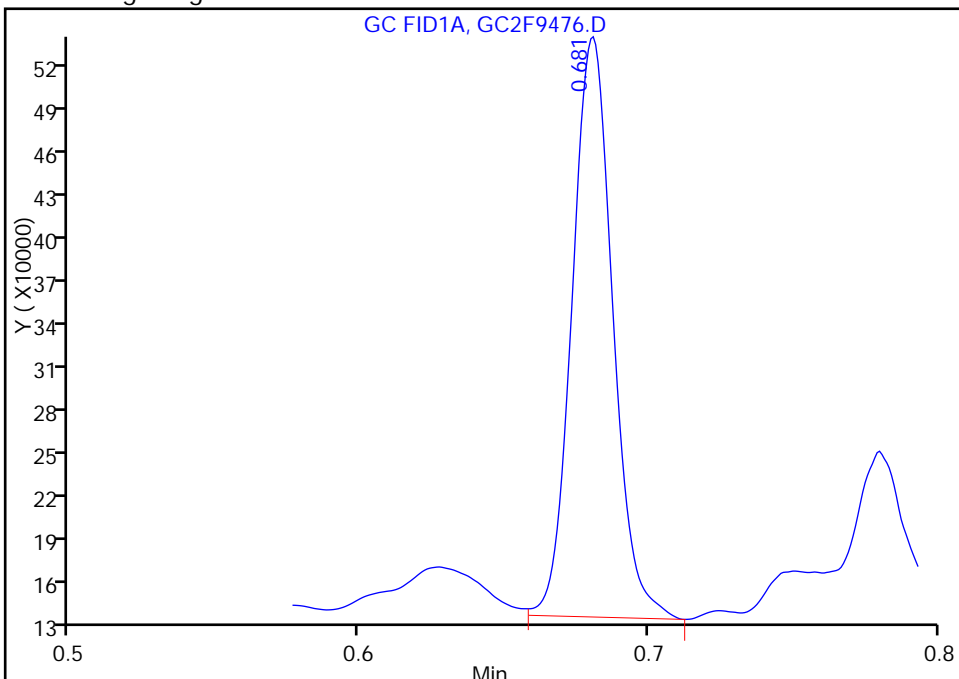
Data File: \\EDICHROM\ChromData\CBNAGC2\20140313-10807.b\GC2F9476.D
Injection Date: 13-Mar-2014 07:38:36 Instrument ID: CBNAGC2
Lims ID: LCS 460-211888/2-A
Client ID:
Operator ID:
Injection Vol: 1.0 ul
Method: QAM2F
Column:

ALS Bottle#: 7 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: GC 8015 QAM ICAL
Detector: GC FID2B

\$ 5 Chlorobenzene, CAS: 108-90-7

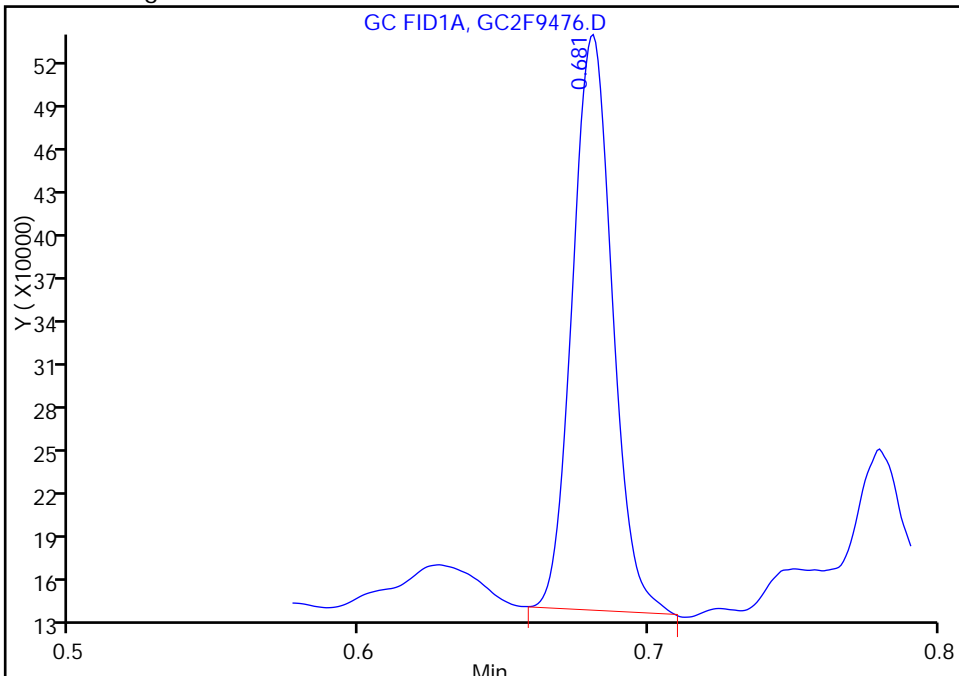
RT: 0.68
Response: 384262
Amount: 16.239306

Processing Integration Results



RT: 0.68
Response: 375045
Amount: 15.849786

Manual Integration Results



Reviewer: nimerd, 13-Mar-2014 08:52:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 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

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

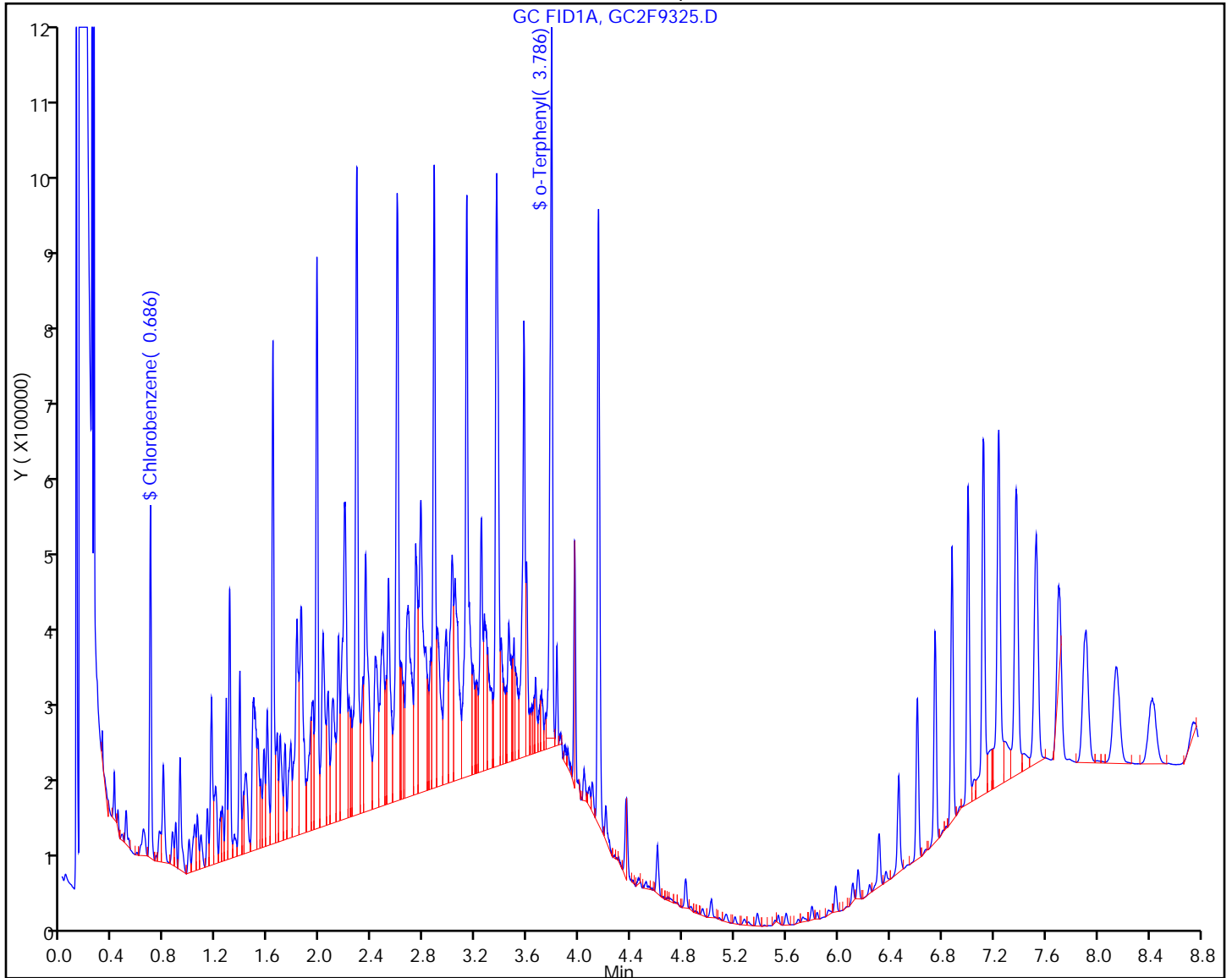
Worklist Smp#: 6

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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MS Lab Sample ID: 460-72180-9 MS
 Matrix: Solid Lab File ID: GC2F9487.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:40
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 10:09
 Con. Extract Vol.: 1(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1120		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

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT MS Lab Sample ID: 460-72180-20 MS
 Matrix: Solid Lab File ID: GC2F9477.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 07:52
 Con. Extract Vol.: 1(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2170		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

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72174-F-25-B 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.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-17SW-SI MSD Lab Sample ID: 460-72180-9 MSD
 Matrix: Solid Lab File ID: GC2F9488.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 10:40
 Extraction Method: 3546 Date Extracted: 03/10/2014 14:53
 Sample wt/vol: 15.01(g) Date Analyzed: 03/13/2014 10:22
 Con. Extract Vol.: 1(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 14.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1070		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

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: PMP-27SW-WT MSD Lab Sample ID: 460-72180-20 MSD
 Matrix: Solid Lab File ID: GC2F9478.D
 Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/07/2014 11:45
 Extraction Method: 3546 Date Extracted: 03/11/2014 13:19
 Sample wt/vol: 15.00(g) Date Analyzed: 03/13/2014 08:05
 Con. Extract Vol.: 1(mL) Dilution Factor: 20
 Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)
 % Moisture: 13.7 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 212305 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2370		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

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-72174-F-25-C 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.: 460-72180-1

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.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAGC2 Start Date: 03/11/2014 07:17Analysis 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)
ZZZZZ		03/11/2014 09:47	1		Rtx-5MS 0.25 (mm)
460-72180-27	FB_030714	03/11/2014 10:00	1	GC2F9332.D	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 EdisonJob No.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAGC2Start Date: 03/12/2014 08:21Analysis Batch Number: 212087End 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		Rtx-5MS 0.25 (mm)
CCV 460-212087/3		03/12/2014 09:06	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 09:28	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 09:41	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 09:55	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 10:09	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 10:22	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 10:36	2		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 10:49	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 11:03	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 11:17	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 11:30	5		Rtx-5MS 0.25 (mm)
PIBLK 460-212087/14		03/12/2014 11:44	1		Rtx-5MS 0.25 (mm)
CCV 460-212087/15		03/12/2014 11:57	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 12:11	10		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 12:25	5		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 12:38	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 12:52	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 13:05	10		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 13:19	20		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 13:33	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 13:46	5		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 14:00	5		Rtx-5MS 0.25 (mm)
PIBLK 460-212087/25		03/12/2014 14:13	1		Rtx-5MS 0.25 (mm)
CCV 460-212087/26		03/12/2014 14:27	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 14:41	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 14:54	5		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 15:08	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 15:21	10		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 15:35	20		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-F-25-B MS		03/12/2014 16:43	1	GC2F9442.D	Rtx-5MS 0.25 (mm)
460-72174-F-25-C MSD		03/12/2014 16:57	1	GC2F9443.D	Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 17:10	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 17:24	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 17:37	50		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 17:51	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 18:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 18:18	25		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.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAGC2 Start Date: 03/12/2014 08:21Analysis 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 18:59	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 19:13	50		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 19:27	25		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 19:40	5		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 19:54	25		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 20:07	10		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 20:21	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 20:35	10		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)
ZZZZZ		03/12/2014 21:16	1		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 21:29	5		Rtx-5MS 0.25 (mm)
ZZZZZ		03/12/2014 21:43	1		Rtx-5MS 0.25 (mm)
460-72180-1	PMP-28SW-SD	03/12/2014 21:57	1	GC2F9465.D	Rtx-5MS 0.25 (mm)
460-72180-2	PMP-15SW-VD	03/12/2014 22:10	1	GC2F9466.D	Rtx-5MS 0.25 (mm)
460-72180-3	PMP-15SW-WT	03/12/2014 22:24	20	GC2F9467.D	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 ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-72180-1

SDG No.: _____

Instrument ID: CBNAGC2Start Date: 03/13/2014 06:13Analysis Batch Number: 212305End Date: 03/13/2014 16:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/13/2014 06:13	1		Rtx-5MS 0.25 (mm)
PIBLK 460-212305/2		03/13/2014 06:27	1	GC2F9473.D	Rtx-5MS 0.25 (mm)
CCV 460-212305/3		03/13/2014 06:41	1	GC2F9474.D	Rtx-5MS 0.25 (mm)
MB 460-211888/1-A		03/13/2014 07:25	1	GC2F9475.D	Rtx-5MS 0.25 (mm)
LCS 460-211888/2-A		03/13/2014 07:38	1	GC2F9476.D	Rtx-5MS 0.25 (mm)
460-72180-20 MS	PMP-27SW-WT MS	03/13/2014 07:52	20	GC2F9477.D	Rtx-5MS 0.25 (mm)
460-72180-20 MSD	PMP-27SW-WT MSD	03/13/2014 08:05	20	GC2F9478.D	Rtx-5MS 0.25 (mm)
460-72180-20	PMP-27SW-WT	03/13/2014 08:19	20	GC2F9479.D	Rtx-5MS 0.25 (mm)
460-72180-17	PMP-26SW-WT	03/13/2014 08:33	10	GC2F9480.D	Rtx-5MS 0.25 (mm)
460-72180-18	PMP-26SW-SI	03/13/2014 08:47	1	GC2F9481.D	Rtx-5MS 0.25 (mm)
460-72180-19	PMP-27SW-VD	03/13/2014 09:00	1	GC2F9482.D	Rtx-5MS 0.25 (mm)
PIBLK 460-212305/12		03/13/2014 09:14	1	GC2F9483.D	Rtx-5MS 0.25 (mm)
CCV 460-212305/13		03/13/2014 09:28	1	GC2F9484.D	Rtx-5MS 0.25 (mm)
MB 460-211689/1-A		03/13/2014 09:41	1	GC2F9485.D	Rtx-5MS 0.25 (mm)
LCS 460-211689/2-A		03/13/2014 09:55	1	GC2F9486.D	Rtx-5MS 0.25 (mm)
460-72180-9 MS	PMP-17SW-SI MS	03/13/2014 10:09	10	GC2F9487.D	Rtx-5MS 0.25 (mm)
460-72180-9 MSD	PMP-17SW-SI MSD	03/13/2014 10:22	10	GC2F9488.D	Rtx-5MS 0.25 (mm)
460-72180-9	PMP-17SW-SI	03/13/2014 10:36	10	GC2F9489.D	Rtx-5MS 0.25 (mm)
460-72180-4	PMP-15SW-SI	03/13/2014 10:50	1	GC2F9490.D	Rtx-5MS 0.25 (mm)
460-72180-5	PMP-15SW-SD	03/13/2014 11:04	1	GC2F9491.D	Rtx-5MS 0.25 (mm)
460-72180-6	PMP-16SW-WT	03/13/2014 11:17	20	GC2F9492.D	Rtx-5MS 0.25 (mm)
460-72180-7	PMP-16SW-SI	03/13/2014 11:31	5	GC2F9493.D	Rtx-5MS 0.25 (mm)
PIBLK 460-212305/23		03/13/2014 11:45	1	GC2F9494.D	Rtx-5MS 0.25 (mm)
CCV 460-212305/24		03/13/2014 11:58	1	GC2F9495.D	Rtx-5MS 0.25 (mm)
460-72180-8	PMP-17SW-WT	03/13/2014 12:12	25	GC2F9496.D	Rtx-5MS 0.25 (mm)
460-72180-10	PMP-18SW-VD	03/13/2014 12:26	5	GC2F9497.D	Rtx-5MS 0.25 (mm)
460-72180-11	PMP-18SW-WT	03/13/2014 12:39	5	GC2F9498.D	Rtx-5MS 0.25 (mm)
460-72180-12	PMP-18SW-SI	03/13/2014 12:53	1	GC2F9499.D	Rtx-5MS 0.25 (mm)
460-72180-13	PMP-19SW-VD	03/13/2014 13:07	5	GC2F9500.D	Rtx-5MS 0.25 (mm)
460-72180-14	PMP-19SW-WT	03/13/2014 13:20	25	GC2F9501.D	Rtx-5MS 0.25 (mm)
460-72180-15	PMP-19SW-SI	03/13/2014 13:34	1	GC2F9502.D	Rtx-5MS 0.25 (mm)
460-72180-16	PMP-26SW-VD	03/13/2014 13:47	1	GC2F9503.D	Rtx-5MS 0.25 (mm)
PIBLK 460-212305/33		03/13/2014 14:01	1	GC2F9504.D	Rtx-5MS 0.25 (mm)
CCV 460-212305/34		03/13/2014 14:15	1	GC2F9505.D	Rtx-5MS 0.25 (mm)
460-72180-21	PMP-27SW-SD	03/13/2014 14:28	1	GC2F9506.D	Rtx-5MS 0.25 (mm)
460-72180-22	PMP-31SW-VS	03/13/2014 14:42	1	GC2F9507.D	Rtx-5MS 0.25 (mm)
460-72180-23	PMP-32SW-VS	03/13/2014 14:56	1	GC2F9508.D	Rtx-5MS 0.25 (mm)
460-72180-24	DUP_030714	03/13/2014 15:09	25	GC2F9509.D	Rtx-5MS 0.25 (mm)
460-72180-25	DUP2_030714	03/13/2014 15:23	10	GC2F9510.D	Rtx-5MS 0.25 (mm)
460-72180-26	DUP3_030714	03/13/2014 15:36	10	GC2F9511.D	Rtx-5MS 0.25 (mm)
460-72180-29	PMP-27SW-SI	03/13/2014 15:50	1	GC2F9512.D	Rtx-5MS 0.25 (mm)
PIBLK 460-212305/42		03/13/2014 16:04	1	GC2F9513.D	Rtx-5MS 0.25 (mm)
CCV 460-212305/43		03/13/2014 16:17	1	GC2F9514.D	Rtx-5MS 0.25 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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-0 25		7 SU	1000 mL	1 mL		1 mL	
LCS 460-211471/2		3510C, NJ-OQA-QAM-0 25		7 SU	1000 mL	1 mL	1 mL	1 mL	
LCSD 460-211471/3		3510C, NJ-OQA-QAM-0 25		7 SU	1000 mL	1 mL	1 mL	1 mL	
460-72180-J-27	FB_030714	3510C, NJ-OQA-QAM-0 25	T	<2 SU	980 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.: 460-72180-1

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-0 25		15.00 g	1 mL			1 mL	
LCS 460-211688/2		3546, NJ-OQA-QAM-0 25		15.00 g	1 mL	1 mL		1 mL	
460-72174-F-25 MS		3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL		1 mL	1 mL	
460-72174-F-25 MSD		3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL		1 mL	1 mL	
460-72180-F-1	PMP-28SW-SD	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			0.5 mL	
460-72180-F-2	PMP-15SW-VD	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-3	PMP-15SW-WT	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 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.: 460-72180-1

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.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211689 Batch Start Date: 03/10/14 14:53 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 460-211689/1		3546, NJ-OQA-QAM-0 25		15.00 g	1 mL			1 mL	
LCS 460-211689/2		3546, NJ-OQA-QAM-0 25		15.00 g	1 mL	1 mL		1 mL	
460-72180-F-9 MS	PMP-17SW-SI	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL		1 mL	1 mL	
460-72180-F-9 MSD	PMP-17SW-SI	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL		1 mL	1 mL	
460-72180-F-9	PMP-17SW-SI	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-4	PMP-15SW-SI	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			0.5 mL	
460-72180-F-5	PMP-15SW-SD	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-6	PMP-16SW-WT	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-7	PMP-16SW-SI	3546, NJ-OQA-QAM-0 25	T	15.05 g	1 mL			1 mL	
460-72180-F-8	PMP-17SW-WT	3546, NJ-OQA-QAM-0 25	T	15.05 g	1 mL			1 mL	
460-72180-F-10	PMP-18SW-VD	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-11	PMP-18SW-WT	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-12	PMP-18SW-SI	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-13	PMP-19SW-VD	3546, NJ-OQA-QAM-0 25	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.: 460-72180-1

SDG No.: _____

Batch Number: 211689 Batch Start Date: 03/10/14 14:53 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	
460-72180-F-14	PMP-19SW-WT	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-15	PMP-19SW-SI	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-16	PMP-26SW-VD	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-21	PMP-27SW-SD	3546, NJ-OQA-QAM-0 25	T	15.04 g	1 mL			1 mL	
460-72180-F-22	PMP-31SW-VS	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-23	PMP-32SW-VS	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-24	DUP_030714	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-25	DUP2_030714	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-26	DUP3_030714	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-29	PMP-27SW-SI	3546, NJ-OQA-QAM-0 25	T	15.03 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.: 460-72180-1

SDG No.: _____

Batch Number: 211689 Batch Start Date: 03/10/14 14:53 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	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)

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.: 460-72180-1

SDG No.: _____

Batch Number: 211888 Batch Start Date: 03/11/14 13:19 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 460-211888/1		3546, NJ-OQA-QAM-0 25		15.00 g	1 mL			1 mL	
LCS 460-211888/2		3546, NJ-OQA-QAM-0 25		15.00 g	1 mL	1 mL		1 mL	
460-72180-F-20 MS	PMP-27SW-WT	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL		1 mL	1 mL	
460-72180-F-20 MSD	PMP-27SW-WT	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL		1 mL	1 mL	
460-72180-F-20	PMP-27SW-WT	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-17	PMP-26SW-WT	3546, NJ-OQA-QAM-0 25	T	15.00 g	1 mL			1 mL	
460-72180-F-18	PMP-26SW-SI	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	
460-72180-F-19	PMP-27SW-VD	3546, NJ-OQA-QAM-0 25	T	15.01 g	1 mL			1 mL	

Batch Notes	
Balance ID	30
Batch Comment	QAM SOIL
Final Concentrator Volume	1 mL
MeCL2 Lot #	64542
Microwave Start Time	1705
Microwave Stop Time	1735
Na2SO4 Lot Number	320403
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.: 460-72180-1

SDG No.: _____

Batch Number: 211888 Batch Start Date: 03/11/14 13:19 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: 460-72180-1

SDG No.: _____

Project: Former McCandless Fuels Site

Client Sample ID	Lab Sample ID
PMP-28SW-SD	460-72180-1
PMP-15SW-VD	460-72180-2
PMP-15SW-WT	460-72180-3
PMP-15SW-SI	460-72180-4
PMP-15SW-SD	460-72180-5
PMP-16SW-WT	460-72180-6
PMP-16SW-SI	460-72180-7
PMP-17SW-WT	460-72180-8
PMP-17SW-SI	460-72180-9
PMP-18SW-VD	460-72180-10
PMP-18SW-WT	460-72180-11
PMP-18SW-SI	460-72180-12
PMP-19SW-VD	460-72180-13
PMP-19SW-WT	460-72180-14
PMP-19SW-SI	460-72180-15
PMP-26SW-VD	460-72180-16
PMP-26SW-WT	460-72180-17
PMP-26SW-SI	460-72180-18
PMP-27SW-VD	460-72180-19
PMP-27SW-WT	460-72180-20
PMP-27SW-SD	460-72180-21
PMP-31SW-VS	460-72180-22
PMP-32SW-VS	460-72180-23
DUP_030714	460-72180-24
DUP2_030714	460-72180-25
DUP3_030714	460-72180-26
FB_030714	460-72180-27
PMP-27SW-SI	460-72180-29

Comments:

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-28SW-SD Lab Sample ID: 460-72180-1
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 08:45
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-15SW-VD

Lab Sample ID: 460-72180-2

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 03/07/2014 09:30

Reporting Basis: WET

Date Received: 03/07/2014 16:10

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-15SW-WT Lab Sample ID: 460-72180-3
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 09:35
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-15SW-SI Lab Sample ID: 460-72180-4

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid Date Sampled: 03/07/2014 09:40

Reporting Basis: WET Date Received: 03/07/2014 16:10

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-15SW-SD Lab Sample ID: 460-72180-5

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid Date Sampled: 03/07/2014 09:45

Reporting Basis: WET Date Received: 03/07/2014 16:10

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-16SW-WT Lab Sample ID: 460-72180-6
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 10:20
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-16SW-SI Lab Sample ID: 460-72180-7
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 10:25
 Reporting Basis: WET Date Received: 03/07/2014 16:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.8	99.4	57.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-17SW-WT Lab Sample ID: 460-72180-8
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 10:35
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-17SW-SI Lab Sample ID: 460-72180-9

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid Date Sampled: 03/07/2014 10:40

Reporting Basis: WET Date Received: 03/07/2014 16:10

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-18SW-VD Lab Sample ID: 460-72180-10
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 10:35
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-18SW-WT Lab Sample ID: 460-72180-11
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 11:00
 Reporting Basis: WET Date Received: 03/07/2014 16:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.8	99.4	57.8	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-18SW-SI Lab Sample ID: 460-72180-12
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 11:05
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-19SW-VD Lab Sample ID: 460-72180-13

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid Date Sampled: 03/07/2014 12:00

Reporting Basis: WET Date Received: 03/07/2014 16:10

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-19SW-WT Lab Sample ID: 460-72180-14
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 12:05
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-19SW-SI Lab Sample ID: 460-72180-15
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 12:10
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-26SW-VD Lab Sample ID: 460-72180-16
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 12:20
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-26SW-WT Lab Sample ID: 460-72180-17
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 12:25
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-26SW-SI Lab Sample ID: 460-72180-18
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 12:30
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-27SW-VD Lab Sample ID: 460-72180-19
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 11:40
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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-27SW-WT Lab Sample ID: 460-72180-20
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 11:45
 Reporting Basis: WET Date Received: 03/07/2014 16:10

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.4	98.7	57.4	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: PMP-27SW-SD Lab Sample ID: 460-72180-21

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid Date Sampled: 03/07/2014 11:55

Reporting Basis: WET Date Received: 03/07/2014 16:10

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-31SW-VS Lab Sample ID: 460-72180-22

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid Date Sampled: 03/07/2014 12:35

Reporting Basis: WET Date Received: 03/07/2014 16:10

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-32SW-VS Lab Sample ID: 460-72180-23
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 12:45
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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: DUP_030714

Lab Sample ID: 460-72180-24

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 03/07/2014 00:00

Reporting Basis: WET

Date Received: 03/07/2014 16:10

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: <u>DUP2_030714</u>	Lab Sample ID: <u>460-72180-25</u>
Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-72180-1</u>
SDG ID.: _____	
Matrix: <u>Solid</u>	Date Sampled: <u>03/07/2014 00:00</u>
Reporting Basis: <u>WET</u>	Date Received: <u>03/07/2014 16:10</u>

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Chloride	57.4	98.7	57.4	mg/Kg	U		1	SM 4500 Cl- E

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: DUP3_030714 Lab Sample ID: 460-72180-26
Lab Name: TestAmerica Edison Job No.: 460-72180-1
SDG ID.: _____
Matrix: Solid Date Sampled: 03/07/2014 00:00
Reporting Basis: WET Date Received: 03/07/2014 16:10

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

Client Sample ID: FB_030714

Lab Sample ID: 460-72180-27

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

SDG ID.: _____

Matrix: Water

Date Sampled: 03/07/2014 14:00

Reporting Basis: WET

Date Received: 03/07/2014 16:10

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-27SW-SI Lab Sample ID: 460-72180-29
 Lab Name: TestAmerica Edison Job No.: 460-72180-1
 SDG ID.: _____
 Matrix: Solid Date Sampled: 03/07/2014 11:50
 Reporting Basis: WET Date Received: 03/07/2014 16:10

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

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

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	
3	CCV	11:12	Chloride	48.69	50.0	97	90-110		WTchlss1_00012
4	CCB	11:12	Chloride	2.9				U	
15	CCV	11:15	Chloride	49.84	50.0	100	90-110		WTchlss1_00012
16	CCB	11:15	Chloride	2.9				U	
19	CCV	11:16	Chloride	50.20	50.0	100	90-110		WTchlss1_00012
20	CCB	11:16	Chloride	2.9				U	
21	CCV	11:50	Chloride	48.86	50.0	98	90-110		WTchlss1_00012
22	CCB	11:50	Chloride	2.9				U	
33	CCV	11:53	Chloride	49.06	50.0	98	90-110		WTchlss1_00012
34	CCB	11:53	Chloride	2.9				U	
39	CCV	11:54	Chloride	49.09	50.0	98	90-110		WTchlss1_00012
40	CCB	11:54	Chloride	2.9				U	
41	CCV	12:17	Chloride	50.71	50.0	101	90-110		WTchlss1_00012
42	CCB	12:17	Chloride	2.9				U	
45	CCV	12:18	Chloride	51.53	50.0	103	90-110		WTchlss1_00012
46	CCB	12:18	Chloride	2.9				U	
47	CCV	12:51	Chloride	49.31	50.0	99	90-110		WTchlss1_00012
48	CCB	12:51	Chloride	2.9				U	
59	CCV	12:54	Chloride	50.15	50.0	100	90-110		WTchlss1_00012
60	CCB	12:54	Chloride	2.9				U	
63	CCV	12:55	Chloride	50.34	50.0	101	90-110		WTchlss1_00012
64	CCB	12:55	Chloride	2.9				U	
67	CCV	13:01	Chloride	50.77	50.0	102	90-110		WTchlss1_00012
68	CCB	13:01	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	

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

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-72180-1

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 11:12							
SM 4500 Cl- E	MB 460-212714/5	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 212714 Date: 03/14/2014 11:50							
SM 4500 Cl- E	MB 460-212714/23	Chloride	2.9	U	mg/Kg	5.0	1
Batch ID: 212714 Date: 03/14/2014 12:51							
SM 4500 Cl- E	MB 460-212714/49	Chloride	2.9	U	mg/Kg	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

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 212714 Date: 03/14/2014 11:12							
SM 4500 Cl- E	LB 460-212230/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 11:50							
SM 4500 Cl- E	LB 460-212230/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 12:51							
SM 4500 Cl- E	LB 460-212230/1-A	Chloride	58.2	U	mg/Kg	100	1
Batch ID: 212714 Date: 03/14/2014 12:51							
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 460-212232/1-A	Chloride	58.2	U	mg/Kg	100	1

5-IN
 MATRIX SPIKE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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 11:53											
SM 4500	460-72180-1	Chloride	57.9	U	mg/Kg						
Cl- E											
SM 4500	460-72180-1	Chloride	1050		mg/Kg	994	106	80-118			
Cl- E	MS										
Batch ID: 212714 Date: 03/14/2014 12:17											
SM 4500	460-72180-10	Chloride	57.5	U	mg/Kg						
Cl- E											
SM 4500	460-72180-10	Chloride	1006		mg/Kg	988	102	80-118			
Cl- E	MS										
Batch ID: 212714 Date: 03/14/2014 13:00											
SM 4500	460-72180-26	Chloride	58.0	U	mg/Kg						
Cl- E											
SM 4500	460-72180-26	Chloride	994.9		mg/Kg	997	100	80-118			
Cl- E	MS										
Batch ID: 212714 Date: 03/14/2014 13:20											
SM 4500	460-72180-29	Chloride	57.8	U	mg/Kg						
Cl- E											
SM 4500	460-72180-29	Chloride	1007		mg/Kg	993	101	80-118			
Cl- E	MS										

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

5-IN
 MATRIX SPIKE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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	460-72038-A-1	Chloride	119		mg/L						
Cl- B	MS ^10										
SM 4500	460-72038-A-1	Chloride	379.9		mg/L	250	104	90-110			
Cl- B	MS ^10										

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

5-IN
 MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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 11:53											
SM 4500	460-72180-1	Chloride	1051		mg/Kg	994	106	80-118	0	10	
Cl- E	MSD										
Batch ID: 212714 Date: 03/14/2014 12:17											
SM 4500	460-72180-10	Chloride	1011		mg/Kg	988	102	80-118	0	10	
Cl- E	MSD										
Batch ID: 212714 Date: 03/14/2014 13:00											
SM 4500	460-72180-26	Chloride	1013		mg/Kg	997	102	80-118	2	10	
Cl- E	MSD										
Batch ID: 212714 Date: 03/14/2014 13:20											
SM 4500	460-72180-29	Chloride	1019		mg/Kg	993	103	80-118	1	10	
Cl- E	MSD										

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

5-IN
 MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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	460-72038-A-1	Chloride	384.9		mg/L	250	106	90-110	1	10	
Cl- B	MSD ^10										

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

7A-IN
 LCS-CERTIFIED REFERENCE MATERIAL
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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 11:12											
						LCS Source: WTchlLCS_00048					
SM 4500	LCSSRM	Chloride	71.95		mg/Kg	75.2	95.7	90.2-11			
Cl- E	460-212714/6							0.0			
Batch ID: 212714 Date: 03/14/2014 11:50											
						LCS Source: WTchlLCS_00048					
SM 4500	LCSSRM	Chloride	72.43		mg/Kg	75.2	96.3	90.2-11			
Cl- E	460-212714/24							0.0			
Batch ID: 212714 Date: 03/14/2014 12:51											
						LCS Source: WTchlLCS_00048					
SM 4500	LCSSRM	Chloride	74.03		mg/Kg	75.2	98.5	90.2-11			
Cl- E	460-212714/50							0.0			
Batch ID: 212714 Date: 03/14/2014 13:17											
						LCS Source: WTchlLCS_00048					
SM 4500	LCSSRM	Chloride	74.87		mg/Kg	75.2	99.6	90.2-11			
Cl- E	460-212714/72							0.0			

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

7A-IN
 LCS-CERTIFIED REFERENCE MATERIAL
 GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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	LCSSRM	Chloride	105.0		mg/L	105	100	90.1-11			
Cl- B	460-211961/2							0.5			
	^2										

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

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-72180-1
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: 460-72180-1
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: 460-72180-1
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: 460-72180-1
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: 460-72180-1
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: 460-72180-1
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.: 460-72180-1

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	T y p e	Time	Analytes															
				C L -															
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															
ZZZZZZ			15:00																
460-72180-27	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																

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/08/2014 11:40 End Date: 03/08/2014 11:40

Lab Sample ID	D / F	Type	Time	Analytes																								
				% S o l	M o i s t																							
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
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ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
ZZZZZZ			11:40																									
460-72180-1	1	T	11:40	X	X																							
460-72180-2	1	T	11:40	X	X																							
460-72180-2 DU	1	T	11:40	X	X																							

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/08/2014 11:58 End Date: 03/08/2014 11:58

Lab Sample ID	D / F	Type	Time	Analytes															
				% S o l	M o i s t														
ZZZZZZ			11:58																
460-72180-3	1	T	11:58	X	X														
460-72180-4	1	T	11:58	X	X														
460-72180-5	1	T	11:58	X	X														
460-72180-6	1	T	11:58	X	X														
460-72180-7	1	T	11:58	X	X														
460-72180-8	1	T	11:58	X	X														
460-72180-9	1	T	11:58	X	X														
460-72180-10	1	T	11:58	X	X														
460-72180-11	1	T	11:58	X	X														
460-72180-12	1	T	11:58	X	X														
460-72180-13	1	T	11:58	X	X														
460-72180-14	1	T	11:58	X	X														
460-72180-15	1	T	11:58	X	X														
460-72180-16	1	T	11:58	X	X														
460-72180-17	1	T	11:58	X	X														
460-72180-18	1	T	11:58	X	X														
460-72180-19	1	T	11:58	X	X														
460-72180-20	1	T	11:58	X	X														
460-72180-21	1	T	11:58	X	X														
460-72180-21 DU	1	T	11:58	X	X														

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/08/2014 12:25 End Date: 03/08/2014 12:25

Lab Sample ID	D / F	Type	Time	Analytes																
				% S o l	M o i s t															
ZZZZZZ			12:25																	
460-72180-22	1	T	12:25	X	X															
460-72180-23	1	T	12:25	X	X															
460-72180-24	1	T	12:25	X	X															
460-72180-25	1	T	12:25	X	X															
460-72180-26	1	T	12:25	X	X															
460-72180-29	1	T	12:25	X	X															
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
ZZZZZZ			12:25																	
460-72196-A-13 DU	1	T	12:25	X	X															

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: Konelabl 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	1		11:12	X															
CCB 460-212714/4	1		11:12	X															
MB 460-212714/5	1	T	11:12	X															
LCSSRM 460-212714/6	1	T	11:12	X															
LB 460-212230/1-A	1	Y	11:12	X															
460-72180-1	1	Y	11:12	X															
460-72180-2	1	Y	11:12	X															
460-72180-3	1	Y	11:12	X															
460-72180-4	1	Y	11:12	X															
460-72180-5	1	Y	11:12	X															
460-72180-6	1	Y	11:12	X															
460-72180-7	1	Y	11:12	X															
CCV 460-212714/15	1		11:15	X															
CCB 460-212714/16	1		11:15	X															
460-72180-8	1	Y	11:15	X															
460-72180-9	1	Y	11:15	X															
CCV 460-212714/19	1		11:16	X															
CCB 460-212714/20	1		11:16	X															
CCV 460-212714/21	1		11:50	X															
CCB 460-212714/22	1		11:50	X															
MB 460-212714/23	1	T	11:50	X															
LCSSRM 460-212714/24	1	T	11:50	X															
LB 460-212230/1-A	1	Y	11:50	X															
460-72180-10	1	Y	11:50	X															
460-72180-11	1	Y	11:50	X															
460-72180-12	1	Y	11:50	X															
460-72180-13	1	Y	11:50	X															
460-72180-14	1	Y	11:50	X															
460-72180-15	1	Y	11:50	X															
460-72180-16	1	Y	11:50	X															
CCV 460-212714/33	1		11:53	X															
CCB 460-212714/34	1		11:53	X															
460-72180-1 MS	1	Y	11:53	X															
460-72180-1 MSD	1	Y	11:53	X															
460-72180-17	1	Y	11:53	X															
460-72180-18	1	Y	11:53	X															
CCV 460-212714/39	1		11:54	X															
CCB 460-212714/40	1		11:54	X															
CCV 460-212714/41	1		12:17	X															
CCB 460-212714/42	1		12:17	X															

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: Konelabl Method: SM 4500 Cl- E

Start Date: 03/14/2014 10:51 End Date: 03/14/2014 14:42

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				CL																			
460-72180-10 MS	1	Y	12:17	X																			
460-72180-10 MSD	1	Y	12:17	X																			
CCV 460-212714/45	1		12:18	X																			
CCB 460-212714/46	1		12:18	X																			
CCV 460-212714/47	1		12:51	X																			
CCB 460-212714/48	1		12:51	X																			
MB 460-212714/49	1	T	12:51	X																			
LCSSRM 460-212714/50	1	T	12:51	X																			
LB 460-212230/1-A	1	Y	12:51	X																			
460-72180-19	1	Y	12:51	X																			
LB 460-212232/1-A	1	Y	12:51	X																			
460-72180-20	1	Y	12:51	X																			
460-72180-21	1	Y	12:51	X																			
460-72180-22	1	Y	12:51	X																			
460-72180-23	1	Y	12:51	X																			
460-72180-24	1	Y	12:51	X																			
CCV 460-212714/59	1		12:54	X																			
CCB 460-212714/60	1		12:54	X																			
460-72180-25	1	Y	12:54	X																			
460-72180-26	1	Y	12:54	X																			
CCV 460-212714/63	1		12:55	X																			
CCB 460-212714/64	1		12:55	X																			
460-72180-26 MS	1	Y	13:00	X																			
460-72180-26 MSD	1	Y	13:00	X																			
CCV 460-212714/67	1		13:01	X																			
CCB 460-212714/68	1		13:01	X																			
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																			
460-72180-29	1	Y	13:17	X																			
ZZZZZZ			13:17																				
ZZZZZZ			13:17																				
ZZZZZZ			13:17																				
ZZZZZZ			13:17																				
ZZZZZZ			13:17																				
ZZZZZZ			13:17																				
CCV 460-212714/81	1		13:20	X																			
CCB 460-212714/82	1		13:20	X																			
460-72180-29 MS	1	Y	13:20	X																			
460-72180-29 MSD	1	Y	13:20	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: Konelabl 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															
ZZZZZZ			13:20																
ZZZZZZ			13:20																
CCV 460-212714/87	1		13:21	X															
CCB 460-212714/88	1		13:21	X															
CCV 460-212714/89			13:31																
CCB 460-212714/90			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
ZZZZZZ			13:31																
CCV 460-212714/101			13:34																
CCB 460-212714/102			13:34																
ZZZZZZ			13:34																
ZZZZZZ			13:34																
ZZZZZZ			13:34																
ZZZZZZ			13:34																
CCV 460-212714/107			13:35																
CCB 460-212714/108			13:35																
CCV 460-212714/109			13:46																
CCB 460-212714/110			13:46																
ZZZZZZ			13:46																
ZZZZZZ			13:46																
ZZZZZZ			13:46																
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ZZZZZZ			13:46																
ZZZZZZ			13:46																
ZZZZZZ			13:46																
ZZZZZZ			13:47																
CCV 460-212714/121			13:50																
CCB 460-212714/122			13:50																
ZZZZZZ			13:50																
ZZZZZZ			13:50																
ZZZZZZ			13:50																
ZZZZZZ			13:50																

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Instrument ID: Konelabl 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			13:51																
CCB 460-212714/128			13:51																
CCV 460-212714/129			14:11																
CCB 460-212714/130			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
ZZZZZZ			14:11																
CCV 460-212714/141			14:14																
CCB 460-212714/142			14:14																
ZZZZZZ			14:14																
ZZZZZZ			14:14																
ZZZZZZ			14:14																
ZZZZZZ			14:14																
ZZZZZZ			14:14																
CCV 460-212714/147			14:15																
CCB 460-212714/148			14:15																
ZZZZZZ			14:17																
ZZZZZZ			14:17																
ZZZZZZ			14:20																
ZZZZZZ			14:20																
ZZZZZZ			14:20																
ZZZZZZ			14:20																
ZZZZZZ			14:20																
CCV 460-212714/156			14:21																
CCB 460-212714/157			14:21																
CCV 460-212714/158			14:41																
CCB 460-212714/159			14:41																
ZZZZZZ			14:41																
ZZZZZZ			14:41																
CCV 460-212714/162			14:42																
CCB 460-212714/163			14:42																

Prep Types
T = Total/NA
Y = ASTM Leach

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

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			E-3078-14 : 0.0141 N AgNO3 exp;08/04/14		
LCSSRM 460-211961/2 ^2		SM 4500 Cl- B		100 mL	50 mL		E-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			
460-72180-D-27	FB_030714	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.: 460-72180-1

SDG No.: _____

Batch Number: 211389 Batch Start Date: 03/08/14 11:40 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-72180-E-1	PMP-28SW-SD	Moisture	T	82	1.00 g	6.32 g	5.69 g		
460-72180-E-2	PMP-15SW-VD	Moisture	T	83	1.00 g	6.20 g	5.91 g		
460-72180-E-2 DU	PMP-15SW-VD	Moisture	T	84	1.01 g	6.68 g	6.36 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	3/8/14
Oven Temp when samples are put in oven	102 Degrees C
Time samples were place in the oven	11:57
Date samples were removed from oven	3/10/14
Oven Temp when samples removed from oven	102 Degrees C
Time Samples were removed from oven	08:05
Oven ID	3
ID number of the thermometer	P23781
Uncorrected In Temperature	102 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.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211390 Batch Start Date: 03/08/14 11:58 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-72180-E-3	PMP-15SW-WT	Moisture	T	86	1.03 g	6.23 g	5.57 g		
460-72180-E-4	PMP-15SW-SI	Moisture	T	87	1.04 g	6.50 g	5.70 g		
460-72180-E-5	PMP-15SW-SD	Moisture	T	88	1.02 g	6.27 g	5.62 g		
460-72180-E-6	PMP-16SW-WT	Moisture	T	89	1.01 g	6.55 g	5.88 g		
460-72180-E-7	PMP-16SW-SI	Moisture	T	90	1.03 g	6.51 g	5.73 g		
460-72180-E-8	PMP-17SW-WT	Moisture	T	91	1.05 g	6.33 g	5.62 g		
460-72180-E-9	PMP-17SW-SI	Moisture	T	92	1.05 g	6.85 g	6.02 g		
460-72180-E-10	PMP-18SW-VD	Moisture	T	93	1.04 g	6.64 g	6.29 g		
460-72180-E-11	PMP-18SW-WT	Moisture	T	94	1.01 g	6.50 g	5.78 g		
460-72180-E-12	PMP-18SW-SI	Moisture	T	95	1.03 g	6.70 g	5.86 g		
460-72180-E-13	PMP-19SW-VD	Moisture	T	96	1.01 g	6.75 g	6.38 g		
460-72180-E-14	PMP-19SW-WT	Moisture	T	97	1.01 g	6.22 g	5.57 g		
460-72180-E-15	PMP-19SW-SI	Moisture	T	98	0.98 g	6.85 g	5.98 g		
460-72180-E-16	PMP-26SW-VD	Moisture	T	99	1.02 g	6.43 g	6.08 g		
460-72180-E-17	PMP-26SW-WT	Moisture	T	100	1.03 g	6.76 g	5.95 g		
460-72180-E-18	PMP-26SW-SI	Moisture	T	101	1.03 g	6.04 g	5.18 g		
460-72180-E-19	PMP-27SW-VD	Moisture	T	102	1.03 g	6.68 g	6.28 g		
460-72180-E-20	PMP-27SW-WT	Moisture	T	103	1.02 g	6.55 g	5.79 g		
460-72180-E-21	PMP-27SW-SD	Moisture	T	104	1.04 g	6.80 g	6.07 g		
460-72180-E-21 DU	PMP-27SW-SD	Moisture	T	105	1.02 g	6.03 g	5.35 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.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211390 Batch Start Date: 03/08/14 11:58 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: _____

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	3/8/14
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	12:25
Date samples were removed from oven	08/10/14
Oven Temp when samples removed from oven	106 Degrees C
Time Samples were removed from oven	08:23
Oven ID	2
ID number of the thermometer	P23707
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	106 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.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 211398 Batch Start Date: 03/08/14 12:25 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-72180-E-22	PMP-31SW-VS	Moisture	T	107	1.04 g	6.77 g	6.36 g		
460-72180-E-23	PMP-32SW-VS	Moisture	T	108	1.02 g	6.40 g	6.07 g		
460-72180-E-24	DUP_030714	Moisture	T	109	1.01 g	6.64 g	6.23 g		
460-72180-E-25	DUP2_030714	Moisture	T	110	0.99 g	6.83 g	6.01 g		
460-72180-E-26	DUP3_030714	Moisture	T	111	1.02 g	6.91 g	6.57 g		
460-72180-E-29	PMP-27SW-SI	Moisture	T	112	1.03 g	6.39 g	5.66 g		
460-72196-A-13 DU		Moisture	T	126	1.01 g	6.03 g	5.21 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	3/8/14
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	12:53
Date samples were removed from oven	3/10/14
Oven Temp when samples removed from oven	106 Degrees C
Time Samples were removed from oven	08:23
Oven ID	2
ID number of the thermometer	P23707
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	106 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.

Moisture

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 212230 Batch Start Date: 03/12/14 18:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/13/14 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-212230/1		D3987-85, SM 4500 Cl- E		35 g	700 mL	5.93 SU	30% head space in 1L container		
460-72180-A-1	PMP-28SW-SD	D3987-85, SM 4500 Cl- E	Y	35.21 g	700 mL	5.25 SU	30% head space in 1L container		
460-72180-A-2	PMP-15SW-VD	D3987-85, SM 4500 Cl- E	Y	35.11 g	700 mL	5.55 SU	30% head space in 1L container		
460-72180-A-3	PMP-15SW-WT	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	5.03 SU	30% head space in 1L container		
460-72180-A-4	PMP-15SW-SI	D3987-85, SM 4500 Cl- E	Y	35.38 g	700 mL	4.86 SU	30% head space in 1L container		
460-72180-A-5	PMP-15SW-SD	D3987-85, SM 4500 Cl- E	Y	35.38 g	700 mL	5.37 SU	30% head space in 1L container		
460-72180-A-6	PMP-16SW-WT	D3987-85, SM 4500 Cl- E	Y	35.39 g	700 mL	5.41 SU	30% head space in 1L container		
460-72180-A-7	PMP-16SW-SI	D3987-85, SM 4500 Cl- E	Y	35.22 g	700 mL	4.70 SU	30% head space in 1L container		
460-72180-A-8	PMP-17SW-WT	D3987-85, SM 4500 Cl- E	Y	35.45 g	700 mL	5.05 SU	30% head space in 1L container		
460-72180-A-9	PMP-17SW-SI	D3987-85, SM 4500 Cl- E	Y	35.25 g	700 mL	5.05 SU	30% head space in 1L container		
460-72180-A-10	PMP-18SW-VD	D3987-85, SM 4500 Cl- E	Y	35.44 g	700 mL	5.44 SU	30% head space in 1L container		
460-72180-A-11	PMP-18SW-WT	D3987-85, SM 4500 Cl- E	Y	35.22 g	700 mL	5.80 SU	30% head space in 1L container		
460-72180-A-12	PMP-18SW-SI	D3987-85, SM 4500 Cl- E	Y	35.28 g	700 mL	5.01 SU	30% head space in 1L container		
460-72180-A-13	PMP-19SW-VD	D3987-85, SM 4500 Cl- E	Y	35.24 g	700 mL	5.89 SU	30% head space in 1L container		
460-72180-A-14	PMP-19SW-WT	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	5.43 SU	30% head space in 1L container		
460-72180-A-15	PMP-19SW-SI	D3987-85, SM 4500 Cl- E	Y	35.41 g	700 mL	5.10 SU	30% head space in 1L container		
460-72180-A-16	PMP-26SW-VD	D3987-85, SM 4500 Cl- E	Y	35.34 g	700 mL	5.57 SU	30% head space in 1L container		
460-72180-A-17	PMP-26SW-WT	D3987-85, SM 4500 Cl- E	Y	35.43 g	700 mL	4.92 SU	30% head space in 1L container		
460-72180-A-18	PMP-26SW-SI	D3987-85, SM 4500 Cl- E	Y	35.26 g	700 mL	5.15 SU	30% head space in 1L container		
460-72180-A-19	PMP-27SW-VD	D3987-85, SM 4500 Cl- E	Y	35.49 g	700 mL	5.11 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.

SM 4500 Cl- E

Page 1 of 2

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-72180-1

SDG No.: _____

Batch Number: 212230 Batch Start Date: 03/12/14 18:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-85 Batch End Date: 03/13/14 12:00

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.: 460-72180-1

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		
460-72180-A-20	PMP-27SW-WT	D3987-85, SM 4500 Cl- E	Y	35.47 g	700 mL	5.46 SU	30% headspace in 1L container		
460-72180-A-21	PMP-27SW-SD	D3987-85, SM 4500 Cl- E	Y	35.39 g	700 mL	5.45 SU	30% headspace in 1L container		
460-72180-A-22	PMP-31SW-VS	D3987-85, SM 4500 Cl- E	Y	35.17 g	700 mL	6.27 SU	30% headspace in 1L container		
460-72180-A-23	PMP-32SW-VS	D3987-85, SM 4500 Cl- E	Y	35.43 g	700 mL	5.92 SU	30% headspace in 1L container		
460-72180-A-24	DUP_030714	D3987-85, SM 4500 Cl- E	Y	35.05 g	700 mL	6.30 SU	30% headspace in 1L container		
460-72180-A-25	DUP2_030714	D3987-85, SM 4500 Cl- E	Y	35.46 g	700 mL	5.56 SU	30% headspace in 1L container		
460-72180-A-26	DUP3_030714	D3987-85, SM 4500 Cl- E	Y	35.10 g	700 mL	6.22 SU	30% headspace in 1L container		
460-72180-A-29	PMP-27SW-SI	D3987-85, SM 4500 Cl- E	Y	35.23 g	700 mL	5.63 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
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.: 460-72180-1

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 460-212714/3		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/6		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/15		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/19		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/21		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/24		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/33		SM 4500 Cl- E		50 mL			2.5 mL		
460-72180-A-1-B MS	PMP-28SW-SD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72180-A-1-B MSD	PMP-28SW-SD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/39		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/41		SM 4500 Cl- E		50 mL			2.5 mL		
460-72180-A-10- B MS	PMP-18SW-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72180-A-10- B MSD	PMP-18SW-VD	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/45		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/47		SM 4500 Cl- E		50 mL			2.5 mL		
LCSSRM 460-212714/50		SM 4500 Cl- E		50 mL	50 mL				
CCV 460-212714/59		SM 4500 Cl- E		50 mL			2.5 mL		
CCV 460-212714/63		SM 4500 Cl- E		50 mL			2.5 mL		
460-72180-A-26- B MS	DUP3_030714	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72180-A-26- B MSD	DUP3_030714	SM 4500 Cl- E	Y	50 mL		2.5 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.: 460-72180-1

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 460-212714/67		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	PMP-27SW-SI	SM 4500 Cl- E	Y	50 mL		2.5 mL			
460-72180-A-29- B MSD	PMP-27SW-SI	SM 4500 Cl- E	Y	50 mL		2.5 mL			
CCV 460-212714/87		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

5/7/58, 6/5/66, 6-2/6,3" 225 on lot
CHAIN OF CUSTODY / ANALYSIS REQUEST

777
 Edi
 Phi

460-72180 Chain of Custody



Page 1 of 2

Name (for report and invoice) Case 10 Massachusetts		Sampler's Name (Printed) Chris Gorsky		Site/Project Identification Formerly Macandless Fertilizer Site	
Company Antea Group		P.O.# 810 8245850007		State (Location of site): NY: <input checked="" type="checkbox"/> Other:	
Address 1031 US Highway 22 Suite 100 Ridgewater NY		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>		Regulatory Program: SRP	
City Ridgewater		Analysis Requested (Enter % below to indicate request)		LAB USE ONLY Loc: 460 72180	
Phone 908-547-3834		Fax 908-547-3834		Numbers	

Sample Identification	Date	Time	Matrix	No. of Cont.	Soil:	Water:	Received by	Received by	Company	Company	Water Metals Filtered (Yes/No)?
PMP-285W-50	3/7/14	0845	Soil	6	↓	↓	↓	↓	↓	↓	10
PMP-155W-V0		0830			↓	↓	↓	↓	↓	↓	9
PMP-185W-WT		0935			↓	↓	↓	↓	↓	↓	8
PMP-185W-SI		0940			↓	↓	↓	↓	↓	↓	7
PMP-185W-SD		0945			↓	↓	↓	↓	↓	↓	6
PMP-165W-WT		1020			↓	↓	↓	↓	↓	↓	5
PMP-165W-SI		1025			↓	↓	↓	↓	↓	↓	4
PMP-175W-WT		1035			↓	↓	↓	↓	↓	↓	3
PMP-175W-SI		1040			↓	↓	↓	↓	↓	↓	2
PMP-185W-V0		1055			↓	↓	↓	↓	↓	↓	1

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH
 6 = Other Method 7 = Other DI

SHORT
HOLD

Special Instructions

Relinquished by	Company	Date / Time	Received by	Company	Water Metals Filtered (Yes/No)?
Relinquished by [Signature]	Antea Group	3/7/14 1610	Received by [Signature]	Test America Ed	3/1/14 1610
Relinquished by	Company	Date / Time	Received by	Company	
Relinquished by	Company	Date / Time	Received by	Company	
Relinquished by	Company	Date / Time	Received by	Company	

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 (0-06)

TestAmerica

5-7/58', 6.5/6.6', 6.2/6.3' DR5 at Joe
CHAIN OF CUSTODY / ANALYSIS REQUEST
 NOCS

777 New Durham Road
 Edison, New Jersey 08817
 Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice) CHARLA MASCIMUNTO		Samplers Name (Printed) CHLASCARSKI, BILL BISHOP, WIKI HOW		Site/Project Identification FORMER MCCANN/LESS FUELS SITE						
Company ANTEA GROUP		P. O. # SEUS124585P		Regulatory Program: SRP						
Address 1031 US HIGHWAY 22 SUITE 100		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>		ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)						
City BALDINGWATER		State NJ		State (Location of site): NJ: <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other: <input type="checkbox"/>						
Phone 908-547-3834		Fax		LAB USE ONLY Loc: 460 72180						
Sample Identification	Date	Time	Matrix	No. of Cont.	82608 VOC #10	82700 BVA #15	8082 PCBs	00RA-QAM TPH	\$M4500-CL.E CHLORIDE	Numbers
PMP-1850-WT	3/11/14	1100	SOIL	6	X	X	X	X	X	11
PMP-1850-SI		1105								12
PMP-1950-ND		1200								13
PMP-1950-WT		1205								14
PMP-1950-SI		1210								15
PMP-3650-ND		1220								16
PMP-3650-WT		1225								17
PMP-2650-SI		1230								18
PMP-2750-ND		1140								19
PMP-2750-WT		1145								20
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH			Soil:	1, 6, 7						
6 = Other META/ANALY-7 = Other D1			Water:							

Special Instructions

Relinquished by	Company	Date / Time	Received by	Company	Water Metals Filtered (Yes/No)?
<i>[Signature]</i>	Antea Group	3/11/14 11:00	<i>[Signature]</i>	TEST AMERICA ED. 1541C	
Relinquished by	Company	Date / Time	Received by	Company	
2)			2)		
Relinquished by	Company	Date / Time	Received by	Company	
3)			3)		
Relinquished by	Company	Date / Time	Received by	Company	
4)			4)		

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

5/7/56, 6/5/66, 6/2/63, 225 on ice

Page 3 of 3

CHAIN OF CUSTODY / ANALYSIS REQUEST

1025

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) CHARL MASCARENATO		Samplers Name (Printed) CHARL MASCARENATO, GUY RASBY, VIKKA HAN		Site/Project Identification FUEL/MECHANICAL FUELS SITE	
Company Autera Group		P.O. # SE 08124585P		Regulatory Program: SRP	
Address 1051 US HIGHWAY		Analysis Turnaround Time Standard <input checked="" type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input type="checkbox"/>		State (Location of site): NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:	
City BRIDGEPLATE		State NJ		LAB USE ONLY Project No. Loc: 460 72180	
Phone 908-547-3834		Fax			
Sample Identification	Date	Time	Matrix	No. of Cont.	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
QMP-2750-05	3/7/14	1150	Soil	1	X
QMP-2750-05	3/7/14	1150	Soil	1	X
QMP-3150-05		1235	Soil	1	X
QMP-3250-05		1245	Soil	1	X
QMP-030714			Soil	1	X
DV02030714			Soil	1	X
DV03030714			Soil	1	X
FB-030714		1400	Blank	10	X
Temp Blank				3	X
QMP-2750-SI		1150	Soil	1	X
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH 6 = Other <u>Autera</u> , 7 = Other <u>DI</u>					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by 	Company Autera Group	Date / Time 5/7/14 1610	Received by 	Company TestAmerica Ed.	Date / Time 3/7/14 1610
Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	Date / Time	Received by	Company	Date / Time
Relinquished by	Company	Date / Time	Received by	Company	Date / Time

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica Edison Receipt Temperature and pH Log

Page of

Job Number:

22180

Number of Coolers:	<u>3</u>	IR Gun #	<u>5</u>
Temp. Cooler #1 (Deg C) (Raw/Corrected)	<u>57/58</u>	Temp. Cooler #4 (Deg C) (Raw/Corrected)	
Temp. Cooler #2 (Deg C) (Raw/Corrected)	<u>65/66</u>	Temp. Cooler #5 (Deg C) (Raw/Corrected)	
Temp. Cooler #3 (Deg C) (Raw/Corrected)	<u>62/63</u>	Temp. Cooler #6 (Deg C) (Raw/Corrected)	
		Temp. Cooler #7 (Deg C) (Raw/Corrected)	
		Temp. Cooler #8 (Deg C) (Raw/Corrected)	
		Temp. Cooler #9 (Deg C) (Raw/Corrected)	

Sample No.	(pH<2)	(pH<2)	(pH<2)	(pH<2)	(pH 5-9)	(pH<2)	(pH<2)	(pH>9)	(pH<2)	(pH<2)	(pH<2)	(pH>12)	(pH<2)	Total	
														Cyanide	Phos
	Ammonia	COD	Nitrate	Nitrite	*Metals	Pest	PHC	Phenols	Sulfide	TKN	TOC	Cyanide	Phos	Other	
27							72								

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-MH-038, Rev 3, 10/8/12

Initials: AS/ELC Date: 3/17/14

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-72180-1

Login Number: 72180

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

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.	N/A	Not present
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	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	5.8,6.6,6.3° 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	No analysis requiring residual chlorine check assigned.