TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-121208-1

Job Description: McCandless

For:
Antea USA, Inc.
500 Summit Lake Drive
Suite 150
Valhalla, NY 10595

Attention: Timothy Fisher

Approved for release.
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Project Manager II
10/12/2016 11:37 AM

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10/12/2016

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Table of Contents

Cover Title Page 1

Data Summaries 5

- Report Narrative 5
- Sample Summary 7
- Detection Summary 8
- Method Summary 11
- Client Sample Results 12
- Surrogate Summary 36
- QC Sample Results 38
- Definitions 54
- QC Association 56
- Chronicle 59
- Certification Summary 62

Organic Sample Data 63

- GC/MS VOA 63
  - Method 624 63
    - Method 624 QC Summary 64
    - Method 624 Sample Data 84
    - Standards Data 238
      - Method 624 ICAL Data 238
      - Method 624 CCAL Data 282
    - Raw QC Data 298
      - Method 624 Tune Data 298
      - Method 624 Blank Data 307
      - Method 624 LCS/LCSD Data 317
      - Method 624 MS/MSD Data 339

Table of Contents

Method 624 Run Logs 343

GC/MS Semi VOA 346

Method 625 346

Method 625 QC Summary 347

Method 625 Sample Data 357

Standards Data 476

Method 625 ICAL Data 476

Method 625 CCAL Data 516

Raw QC Data 523

Method 625 Tune Data 523

Method 625 Blank Data 537

Method 625 LCS/LCSD Data 542

Method 625 Run Logs 556

Method 625 Prep Data 558

GC Semi VOA 562

8082A 562

8082A QC Summary 563

8082A Sample Data 583

Standards Data 646

8082A ICAL Data 646

8082A CCAL Data 760

Raw QC Data 812

8082A Blank Data 812

8082A LCS/LCSD Data 828

8082A Run Logs 863

8082A Prep Data 868

Table of Contents

Inorganic Sample Data 869

General Chemistry Data 869

Gen Chem Cover Page 870

Gen Chem Sample Data 871

Gen Chem QC Data 878

Gen Chem Blanks 878

Gen Chem Duplicates 879

Gen Chem LCS/LCSD 880

Gen Chem MDL 881

Gen Chem Analysis Run Log 885

Gen Chem Prep Data 887

Shipping and Receiving Documents 892

Client Chain of Custody 893

Sample Receipt Checklist 895

CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-121208-1

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 9/30/2016 9:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.4º 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 MW-14 (460-121208-1), MW-9 (460-121208-2), MW-14 Filtered (460-121208-3), MW-22 (460-121208-4), MW-18 (460-121208-5), MW-18 Filtered (460-121208-6), FB_20160930 (460-121208-7) and Trip Blank (460-121208-8) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA Method 624. The samples were analyzed on 10/05/2016 and 10/06/2016.

Freon TF failed the recovery criteria high for LCS 460-395000/4. Cyclohexane, Freon TF and Trichlorofluoromethane failed the recovery criteria high for LCS 460-395281/4. Freon TF and Trichlorofluoromethane failed the recovery criteria high for LCSD 460-395281/5. Refer to the QC report for details.

Trichlorofluoromethane failed the recovery criteria high for the MS of sample 460-121202-2 in batch 460-395000.

Trichlorofluoromethane failed the recovery criteria high for the MSD of sample 460-121202-2 in batch 460-395000.

Trichlorofluoromethane failed the recovery criteria high for the MSD of sample 460-121202-2 in batch 460-395000.

Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 395281 recovered above the upper control limit for Trichlorofluoromethane and Freon TF. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 395281 recovered outside control limits for the following analytes: Trichlorofluoromethane, Freon TF and Cyclohexane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 395000 recovered above the upper control limit for Trichlorofluoromethane and Freon TF. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) associated with batch 395000 was outside acceptance criteria for Freon TF. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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 MW-14 (460-121208-1), MW-9 (460-121208-2), MW-14 Filtered (460-121208-3), MW-22 (460-121208-4), MW-18 (460-121208-5), MW-18 Filtered (460-121208-6) and FB_20160930 (460-121208-7) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA Method 625. The samples were prepared on 10/04/2016 and analyzed on 10/11/2016 and 10/12/2016.

2-Chloronaphthalene failed the recovery criteria low for LCS 460-394928/2-A. Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 460-396356 recovered above the upper control limit for 3,3'-Dichlorobenzidine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 460-394928 had one analyte (2-Chloronaphthalene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples MW-14 (460-121208-1), MW-9 (460-121208-2), MW-14 Filtered (460-121208-3), MW-22 (460-121208-4), MW-18 (460-121208-5), MW-18 Filtered (460-121208-6) and FB_20160930 (460-121208-7) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/03/2016 and analyzed on 10/04/2016 and 10/05/2016.

Samples MW-14 (460-121208-1)[5X] and MW-18 (460-121208-5)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-14 (460-121208-1) at 5.0 and 5.0. Elevated reporting limits (RLs) are provided.

Method(s) 8082A: The following samples required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: MW-14 (460-121208-1) and MW-9 (460-121208-2). The reagent lot number used was: SLBC3181V.

The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-18 (460-121208-5) at 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

The following samples required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: MW-14 Filtered (460-121208-3), MW-22 (460-121208-4), MW-18 (460-121208-5) and MW-18 Filtered (460-121208-6). The reagent lot number used was: <SLBC3181V>.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TOTAL DISSOLVED SOLIDS

Samples MW-14 (460-121208-1), MW-9 (460-121208-2), MW-14 Filtered (460-121208-3), MW-22 (460-121208-4), MW-18 (460-121208-5), MW-18 Filtered (460-121208-6) and FB_20160930 (460-121208-7) were analyzed for total dissolved solids in accordance with SM 2540C. The samples were analyzed on 10/07/2016.

Total Dissolved Solids exceeded the RPD limit for the duplicate of sample 460-121157-1. Refer to the QC report for details.

No other difficulties were encountered during the TDS analysis.

All other quality control parameters were within the acceptance limits.

TOTAL SUSPENDED SOLIDS

Samples MW-14 (460-121208-1), MW-9 (460-121208-2), MW-14 Filtered (460-121208-3), MW-22 (460-121208-4), MW-18 (460-121208-5), MW-18 Filtered (460-121208-6) and FB_20160930 (460-121208-7) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 10/05/2016.

No difficulties were encountered during the TSS analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-121208-1	MW-14	Water	09/30/16 09:00	09/30/16 21:00
460-121208-2	MW-9	Water	09/30/16 09:05	09/30/16 21:00
460-121208-3	MW-14 Filtered	Water	09/30/16 09:10	09/30/16 21:00
460-121208-4	MW-22	Water	09/30/16 10:35	09/30/16 21:00
460-121208-5	MW-18	Water	09/30/16 10:50	09/30/16 21:00
460-121208-6	MW-18 Filtered	Water	09/30/16 11:00	09/30/16 21:00
460-121208-7	FB_20160930	Water	09/30/16 11:45	09/30/16 21:00
460-121208-8	Trip Blank	Water	09/30/16 00:00	09/30/16 21:00

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Client Sample ID: MW-14 — Lab Sample ID: 460-121208-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.6		1.0	0.22	ug/L	1		624	Total/NA
Toluene	2.1		1.0	0.25	ug/L	1		624	Total/NA
Benzene	0.14	J	1.0	0.090	ug/L	1		624	Total/NA
Cyclohexane	0.49	J	1.0	0.26	ug/L	1		624	Total/NA
Chlorobenzene	57		1.0	0.24	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	18		1.0	0.27	ug/L	1		624	Total/NA
1,2,3-Trichlorobenzene	20		1.0	0.35	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	36		1.0	0.22	ug/L	1		624	Total/NA
1,3-Dichlorobenzene	30		1.0	0.33	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	81		1.0	0.33	ug/L	1		624	Total/NA
Tetrachloroethene	0.48	J	1.0	0.12	ug/L	1		624	Total/NA
Isopropylbenzene	1.1		1.0	0.32	ug/L	1		624	Total/NA
Ethylbenzene	4.2		1.0	0.30	ug/L	1		624	Total/NA
trans-1,2-Dichloroethene	0.20	J	1.0	0.18	ug/L	1		624	Total/NA
cis-1,2-Dichloroethene	46		1.0	0.26	ug/L	1		624	Total/NA
Xylenes, Total	6.9		2.0	0.28	ug/L	1		624	Total/NA
Trichloroethene	2.5		1.0	0.22	ug/L	1		624	Total/NA
Methylcyclohexane	1.2		1.0	0.22	ug/L	1		624	Total/NA
1,3-Dichlorobenzene	14		10	1.1	ug/L	1		625	Total/NA
1,4-Dichlorobenzene	31		10	0.66	ug/L	1		625	Total/NA
1,2-Dichlorobenzene	17		10	0.83	ug/L	1		625	Total/NA
1,2,4-Trichlorobenzene	7.6		1.0	0.61	ug/L	1		625	Total/NA
Naphthalene	36		10	0.80	ug/L	1		625	Total/NA
2-Methylnaphthalene	4.2	J	10	0.88	ug/L	1		625	Total/NA
Acenaphthene	1.0	J	10	0.88	ug/L	1		625	Total/NA
Aroclor 1242 - DL	24	D	2.0	0.49	ug/L	5		8082A	Total/NA
Aroclor 1260 - DL	3.4	D	2.0	0.42	ug/L	5		8082A	Total/NA
Total Dissolved Solids	199		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	13.4		2.0	2.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 460-121208-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	4.4		1.0	0.22	ug/L	1		624	Total/NA
Toluene	0.31	J	1.0	0.25	ug/L	1		624	Total/NA
Benzene	0.29	J	1.0	0.090	ug/L	1		624	Total/NA
Cyclohexane	0.60	J	1.0	0.26	ug/L	1		624	Total/NA
Chlorobenzene	0.42	J	1.0	0.24	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	6.2		1.0	0.27	ug/L	1		624	Total/NA
1,2,3-Trichlorobenzene	2.0		1.0	0.35	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	0.74	J	1.0	0.22	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.5		1.0	0.33	ug/L	1		624	Total/NA
Tetrachloroethene	1.4		1.0	0.12	ug/L	1		624	Total/NA
Isopropylbenzene	1.2		1.0	0.32	ug/L	1		624	Total/NA
Ethylbenzene	3.4		1.0	0.30	ug/L	1		624	Total/NA
cis-1,2-Dichloroethene	0.99	J	1.0	0.26	ug/L	1		624	Total/NA
Xylenes, Total	5.4		2.0	0.28	ug/L	1		624	Total/NA
Trichloroethene	4.1		1.0	0.22	ug/L	1		624	Total/NA
Methylcyclohexane	0.38	J	1.0	0.22	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	2.8		1.0	0.61	ug/L	1		625	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-9 (Continued) — Lab Sample ID: 460-121208-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	2.1	J	10	0.80	ug/L	1		625	Total/NA
Total Dissolved Solids	193		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	123		4.0	4.0	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-14 Filtered — Lab Sample ID: 460-121208-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	71		5.0	1.1	ug/L	1		624	Total/NA
Chloroform	0.44	J	1.0	0.22	ug/L	1		624	Total/NA
Toluene	0.34	J	1.0	0.25	ug/L	1		624	Total/NA
Benzene	0.11	J	1.0	0.090	ug/L	1		624	Total/NA
Chlorobenzene	0.86	J	1.0	0.24	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	0.39	J	1.0	0.22	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.1		1.0	0.33	ug/L	1		624	Total/NA
2-Butanone	14		5.0	2.2	ug/L	1		624	Total/NA
trans-1,2-Dichloroethene	0.31	J	1.0	0.18	ug/L	1		624	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.26	ug/L	1		624	Total/NA
1,3-Dichlorobenzene	1.1	J	10	1.1	ug/L	1		625	Total/NA
1,4-Dichlorobenzene	2.3	J	10	0.66	ug/L	1		625	Total/NA
1,2-Dichlorobenzene	5.0	J	10	0.83	ug/L	1		625	Total/NA
Naphthalene	20		10	0.80	ug/L	1		625	Total/NA
Aroclor 1242	0.40		0.40	0.098	ug/L	1		8082A	Total/NA
Total Dissolved Solids	200		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	6.3		1.1	1.1	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-22 — Lab Sample ID: 460-121208-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		1.0	0.22	ug/L	1		624	Total/NA
Toluene	0.57	J	1.0	0.25	ug/L	1		624	Total/NA
Chlorobenzene	0.60	J	1.0	0.24	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	5.0		1.0	0.27	ug/L	1		624	Total/NA
1,2,3-Trichlorobenzene	1.7		1.0	0.35	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	0.50	J	1.0	0.22	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.8		1.0	0.33	ug/L	1		624	Total/NA
Tetrachloroethene	0.40	J	1.0	0.12	ug/L	1		624	Total/NA
Isopropylbenzene	0.82	J	1.0	0.32	ug/L	1		624	Total/NA
Ethylbenzene	1.1		1.0	0.30	ug/L	1		624	Total/NA
cis-1,2-Dichloroethene	0.26	J	1.0	0.26	ug/L	1		624	Total/NA
Xylenes, Total	5.2		2.0	0.28	ug/L	1		624	Total/NA
Trichloroethene	0.23	J	1.0	0.22	ug/L	1		624	Total/NA
Methylcyclohexane	0.40	J	1.0	0.22	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.3	J	10	0.66	ug/L	1		625	Total/NA
1,2,4-Trichlorobenzene	3.8		1.0	0.61	ug/L	1		625	Total/NA
Naphthalene	7.6	J	10	0.80	ug/L	1		625	Total/NA
2-Methylnaphthalene	9.0	J	10	0.88	ug/L	1		625	Total/NA
Acenaphthene	1.1	J	10	0.88	ug/L	1		625	Total/NA
Total Dissolved Solids	118		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	20.0		1.3	1.3	mg/L	1		SM 2540D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Client Sample ID: MW-18 — Lab Sample ID: 460-121208-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.62	J	1.0	0.22	ug/L	1		624	Total/NA
Chlorobenzene	0.45	J	1.0	0.24	ug/L	1		624	Total/NA
1,2,4-Trichlorobenzene	11		1.0	0.27	ug/L	1		624	Total/NA
1,2,3-Trichlorobenzene	3.6		1.0	0.35	ug/L	1		624	Total/NA
1,2-Dichlorobenzene	0.43	J	1.0	0.22	ug/L	1		624	Total/NA
1,3-Dichlorobenzene	0.38	J	1.0	0.33	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.7		1.0	0.33	ug/L	1		624	Total/NA
Tetrachloroethene	0.61	J	1.0	0.12	ug/L	1		624	Total/NA
trans-1,2-Dichloroethene	0.20	J	1.0	0.18	ug/L	1		624	Total/NA
cis-1,2-Dichloroethene	1.6		1.0	0.26	ug/L	1		624	Total/NA
Xylenes, Total	0.59	J	2.0	0.28	ug/L	1		624	Total/NA
Trichloroethene	0.41	J	1.0	0.22	ug/L	1		624	Total/NA
1,4-Dichlorobenzene	1.2	J	10	0.66	ug/L	1		625	Total/NA
1,2,4-Trichlorobenzene	8.3		1.0	0.61	ug/L	1		625	Total/NA
Naphthalene	1.0	J	10	0.80	ug/L	1		625	Total/NA
2-Methylnaphthalene	1.9	J	10	0.88	ug/L	1		625	Total/NA
Aroclor 1242 - DL	43	D	4.0	0.98	ug/L	10		8082A	Total/NA
Total Dissolved Solids	57.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA
Total Suspended Solids	12.3		1.3	1.3	mg/L	1		SM 2540D	Total/NA

Client Sample ID: MW-18 Filtered — Lab Sample ID: 460-121208-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	64		5.0	1.1	ug/L	1		624	Total/NA
Toluene	0.27	J	1.0	0.25	ug/L	1		624	Total/NA
Benzene	0.11	J	1.0	0.090	ug/L	1		624	Total/NA
2-Butanone	17		5.0	2.2	ug/L	1		624	Total/NA
Total Dissolved Solids	57.0		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB_20160930 — Lab Sample ID: 460-121208-7

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 460-121208-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.4		5.0	1.1	ug/L	1		624	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
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.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: MW-14

Date Collected: 09/30/16 09:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 23:11	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 23:11	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 23:11	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 23:11	1
Acetone	1.1	U	5.0	1.1	ug/L			10/05/16 23:11	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 23:11	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 23:11	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 23:11	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 23:11	1
Chloroform	**1.6**		1.0	0.22	ug/L			10/05/16 23:11	1
Toluene	**2.1**		1.0	0.25	ug/L			10/05/16 23:11	1
Benzene	**0.14**	**J**	1.0	0.090	ug/L			10/05/16 23:11	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 23:11	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 23:11	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 23:11	1
Cyclohexane	**0.49**	**J**	1.0	0.26	ug/L			10/05/16 23:11	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 23:11	1
Chlorobenzene	**57**		1.0	0.24	ug/L			10/05/16 23:11	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 23:11	1
1,2,4-Trichlorobenzene	**18**		1.0	0.27	ug/L			10/05/16 23:11	1
1,2,3-Trichlorobenzene	**20**		1.0	0.35	ug/L			10/05/16 23:11	1
1,2-Dichlorobenzene	**36**		1.0	0.22	ug/L			10/05/16 23:11	1
1,3-Dichlorobenzene	**30**		1.0	0.33	ug/L			10/05/16 23:11	1
1,4-Dichlorobenzene	**81**		1.0	0.33	ug/L			10/05/16 23:11	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 23:11	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 23:11	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 23:11	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 23:11	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 23:11	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 23:11	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 23:11	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 23:11	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 23:11	1
Tetrachloroethene	**0.48**	**J**	1.0	0.12	ug/L			10/05/16 23:11	1
Isopropylbenzene	**1.1**		1.0	0.32	ug/L			10/05/16 23:11	1
Ethylbenzene	**4.2**		1.0	0.30	ug/L			10/05/16 23:11	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 23:11	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 23:11	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 23:11	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 23:11	1
trans-1,2-Dichloroethene	**0.20**	**J**	1.0	0.18	ug/L			10/05/16 23:11	1
cis-1,2-Dichloroethene	**46**		1.0	0.26	ug/L			10/05/16 23:11	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 23:11	1
Xylenes, Total	**6.9**		2.0	0.28	ug/L			10/05/16 23:11	1
Trichloroethene	**2.5**		1.0	0.22	ug/L			10/05/16 23:11	1
Methylcyclohexane	**1.2**		1.0	0.22	ug/L			10/05/16 23:11	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 23:11	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 23:11	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 23:11	1

Client Sample ID: MW-14

Date Collected: 09/30/16 09:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-1

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 23:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Indane	*11*	*J N*	*ug/L*		*10.47*	*496-11-7*		*10/05/16 23:11*	*1*
Indene	*15*	*J N*	*ug/L*		*11.00*	*95-13-6*		*10/05/16 23:11*	*1*
Benzene, 1,2,3,5-tetramethyl-	*6.3*	*J N*	*ug/L*		*11.83*	*527-53-7*		*10/05/16 23:11*	*1*
Benzene, 2-ethenyl-1,4-dimethyl-	*7.3*	*J N*	*ug/L*		*12.15*	*2039-89-6*		*10/05/16 23:11*	*1*
Benzene, 1,2,4,5-tetramethyl-	*5.5*	*J N*	*ug/L*		*12.19*	*95-93-2*		*10/05/16 23:11*	*1*
Naphthalene	*43*	*J N*	*ug/L*		*12.69*	*91-20-3*		*10/05/16 23:11*	*1*
Naphthalene, 1-methyl-	*8.0*	*J N*	*ug/L*		*13.43*	*90-12-0*		*10/05/16 23:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*48 - 130*		*10/05/16 23:11*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/05/16 23:11*	*1*
Bromofluorobenzene	*90*		*71 - 131*		*10/05/16 23:11*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/05/16 23:11*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/12/16 00:50	1
1,3-Dichlorobenzene	**14**		10	1.1	ug/L		10/04/16 20:14	10/12/16 00:50	1
1,4-Dichlorobenzene	**31**		10	0.66	ug/L		10/04/16 20:14	10/12/16 00:50	1
1,2-Dichlorobenzene	**17**		10	0.83	ug/L		10/04/16 20:14	10/12/16 00:50	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/12/16 00:50	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/12/16 00:50	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/12/16 00:50	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/12/16 00:50	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/12/16 00:50	1
1,2,4-Trichlorobenzene	**7.6**		1.0	0.61	ug/L		10/04/16 20:14	10/12/16 00:50	1
Naphthalene	**36**		10	0.80	ug/L		10/04/16 20:14	10/12/16 00:50	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/12/16 00:50	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/12/16 00:50	1
2-Methylnaphthalene	**4.2**	**J**	10	0.88	ug/L		10/04/16 20:14	10/12/16 00:50	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/12/16 00:50	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/12/16 00:50	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/12/16 00:50	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/12/16 00:50	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/12/16 00:50	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/12/16 00:50	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/12/16 00:50	1
Acenaphthene	**1.0**	**J**	10	0.88	ug/L		10/04/16 20:14	10/12/16 00:50	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/12/16 00:50	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/12/16 00:50	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/12/16 00:50	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/12/16 00:50	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/12/16 00:50	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/12/16 00:50	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/12/16 00:50	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/12/16 00:50	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/12/16 00:50	1

Client Sample ID: MW-14

Date Collected: 09/30/16 09:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-1

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/12/16 00:50	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/12/16 00:50	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/12/16 00:50	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/12/16 00:50	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/12/16 00:50	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/12/16 00:50	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/12/16 00:50	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/12/16 00:50	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/12/16 00:50	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/12/16 00:50	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/12/16 00:50	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/12/16 00:50	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/12/16 00:50	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/12/16 00:50	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/12/16 00:50	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/12/16 00:50	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/12/16 00:50	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/12/16 00:50	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/12/16 00:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Indene	*12*	*J N*	*ug/L*		*4.56*	*95-13-6*	*10/04/16 20:14*	*10/12/16 00:50*	*1*
1-Phenyl-1-butene	*7.6*	*J N*	*ug/L*		*5.32*	*824-90-8*	*10/04/16 20:14*	*10/12/16 00:50*	*1*
Benzene, 1,2,3-trichloro-	*6.6*	*J N*	*ug/L*		*5.74*	*87-61-6*	*10/04/16 20:14*	*10/12/16 00:50*	*1*
Naphthalene, 1-methyl-	*7.7*	*J N*	*ug/L*		*6.39*	*90-12-0*	*10/04/16 20:14*	*10/12/16 00:50*	*1*
Heneicosane	*7.6*	*J N*	*ug/L*		*13.03*	*629-94-7*	*10/04/16 20:14*	*10/12/16 00:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*55*		*49 - 125*	*10/04/16 20:14*	*10/12/16 00:50*	*1*
Terphenyl-d14	*46*		*28 - 150*	*10/04/16 20:14*	*10/12/16 00:50*	*1*
2-Fluorobiphenyl	*51*		*44 - 129*	*10/04/16 20:14*	*10/12/16 00:50*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.49	U	2.0	0.49	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1221	0.49	U	2.0	0.49	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1232	0.49	U	2.0	0.49	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1242	**24**	**D**	2.0	0.49	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1248	0.49	U	2.0	0.49	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1254	0.42	U	2.0	0.42	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1260	**3.4**	**D**	2.0	0.42	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1262	0.42	U	2.0	0.42	ug/L		10/03/16 13:55	10/05/16 11:43	5
Aroclor 1268	0.42	U	2.0	0.42	ug/L		10/03/16 13:55	10/05/16 11:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*	*D*	*10 - 150*	*10/03/16 13:55*	*10/05/16 11:43*	*5*
DCB Decachlorobiphenyl	*117*	*D*	*10 - 150*	*10/03/16 13:55*	*10/05/16 11:43*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**199**		10.0	10.0	mg/L			10/07/16 12:30	1

Client Sample ID: MW-14

Lab Sample ID: 460-121208-1

Date Collected: 09/30/16 09:00

Matrix: Water

Date Received: 09/30/16 21:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**13.4**		2.0	2.0	mg/L			10/05/16 08:59	1

Client Sample ID: MW-9

Lab Sample ID: 460-121208-2

Date Collected: 09/30/16 09:05

Matrix: Water

Date Received: 09/30/16 21:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 22:45	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 22:45	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 22:45	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 22:45	1
Acetone	1.1	U	5.0	1.1	ug/L			10/05/16 22:45	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 22:45	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 22:45	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 22:45	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 22:45	1
Chloroform	**4.4**		1.0	0.22	ug/L			10/05/16 22:45	1
Toluene	**0.31**	**J**	1.0	0.25	ug/L			10/05/16 22:45	1
Benzene	**0.29**	**J**	1.0	0.090	ug/L			10/05/16 22:45	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 22:45	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 22:45	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 22:45	1
Cyclohexane	**0.60**	**J**	1.0	0.26	ug/L			10/05/16 22:45	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 22:45	1
Chlorobenzene	**0.42**	**J**	1.0	0.24	ug/L			10/05/16 22:45	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 22:45	1
1,2,4-Trichlorobenzene	**6.2**		1.0	0.27	ug/L			10/05/16 22:45	1
1,2,3-Trichlorobenzene	**2.0**		1.0	0.35	ug/L			10/05/16 22:45	1
1,2-Dichlorobenzene	**0.74**	**J**	1.0	0.22	ug/L			10/05/16 22:45	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 22:45	1
1,4-Dichlorobenzene	**1.5**		1.0	0.33	ug/L			10/05/16 22:45	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 22:45	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 22:45	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 22:45	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 22:45	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 22:45	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 22:45	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 22:45	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 22:45	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 22:45	1
Tetrachloroethene	**1.4**		1.0	0.12	ug/L			10/05/16 22:45	1
Isopropylbenzene	**1.2**		1.0	0.32	ug/L			10/05/16 22:45	1
Ethylbenzene	**3.4**		1.0	0.30	ug/L			10/05/16 22:45	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 22:45	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 22:45	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 22:45	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 22:45	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/05/16 22:45	1
cis-1,2-Dichloroethene	**0.99**	**J**	1.0	0.26	ug/L			10/05/16 22:45	1

Client Sample ID: MW-9

Date Collected: 09/30/16 09:05
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-2

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 22:45	1
Xylenes, Total	**5.4**		2.0	0.28	ug/L			10/05/16 22:45	1
Trichloroethene	**4.1**		1.0	0.22	ug/L			10/05/16 22:45	1
Methylcyclohexane	**0.38**	**J**	1.0	0.22	ug/L			10/05/16 22:45	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 22:45	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 22:45	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 22:45	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 22:45	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-2-methyl-	*17*	*J N*	*ug/L*		*9.33*	*611-14-3*		*10/05/16 22:45*	*1*
Benzene, 1,2,3-trimethyl-	*6.5*	*J N*	*ug/L*		*10.31*	*526-73-8*		*10/05/16 22:45*	*1*
Indane	*12*	*J N*	*ug/L*		*10.47*	*496-11-7*		*10/05/16 22:45*	*1*
Indan, 1-methyl-	*9.5*	*J N*	*ug/L*		*11.38*	*767-58-8*		*10/05/16 22:45*	*1*
Benzene, 1,2,4,5-tetramethyl-	*7.5*	*J N*	*ug/L*		*11.83*	*95-93-2*		*10/05/16 22:45*	*1*
Benzene, 2-ethenyl-1,4-dimethyl-	*15*	*J N*	*ug/L*		*12.15*	*2039-89-6*		*10/05/16 22:45*	*1*
Benzene, 1,2,3,4-tetramethyl-	*9.1*	*J N*	*ug/L*		*12.19*	*488-23-3*		*10/05/16 22:45*	*1*
Naphthalene, 1,2,3,4-tetrahydro-	*5.8*	*J N*	*ug/L*		*12.26*	*119-64-2*		*10/05/16 22:45*	*1*
Unknown	*6.0*	*J*	*ug/L*		*12.76*			*10/05/16 22:45*	*1*
Unknown Aromatic	*6.1*	*J*	*ug/L*		*13.07*			*10/05/16 22:45*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*48 - 130*		*10/05/16 22:45*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*10/05/16 22:45*	*1*
Bromofluorobenzene	*96*		*71 - 131*		*10/05/16 22:45*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*10/05/16 22:45*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 18:48	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/04/16 20:14	10/11/16 18:48	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/04/16 20:14	10/11/16 18:48	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 18:48	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 18:48	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 18:48	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 18:48	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 18:48	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 18:48	1
1,2,4-Trichlorobenzene	**2.8**		1.0	0.61	ug/L		10/04/16 20:14	10/11/16 18:48	1
Naphthalene	**2.1**	**J**	10	0.80	ug/L		10/04/16 20:14	10/11/16 18:48	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 18:48	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 18:48	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 18:48	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 18:48	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/11/16 18:48	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 18:48	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 18:48	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 18:48	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 18:48	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 18:48	1

Client Sample ID: MW-9

Date Collected: 09/30/16 09:05
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-2

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 18:48	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 18:48	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 18:48	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 18:48	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 18:48	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 18:48	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 18:48	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 18:48	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 18:48	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 18:48	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 18:48	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 18:48	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 18:48	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 18:48	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 18:48	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 18:48	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 18:48	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 18:48	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 18:48	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 18:48	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 18:48	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 18:48	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 18:48	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 18:48	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 18:48	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 18:48	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 18:48	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 18:48	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 18:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*100*	*J*	*ug/L*		*1.43*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Benzene, 1-ethyl-3-methyl-	*10*	*J N*	*ug/L*		*4.00*	*620-14-4*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
Benzene, 1-methyl-2-(2-propenyl)-	*11*	*J N*	*ug/L*		*5.33*	*1587-04-8*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*8.2*	*J*	*ug/L*		*5.50*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Benzene, (2-methyl-1-butenyl)-	*7.7*	*J N*	*ug/L*		*5.63*	*56253-64-6*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*8.3*	*J*	*ug/L*		*6.12*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*8.7*	*J*	*ug/L*		*6.25*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Naphthalene, 1-methyl-	*9.5*	*J N*	*ug/L*		*6.38*	*90-12-0*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*12*	*J*	*ug/L*		*6.92*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
1(2H)-Naphthalenone, 3,4-dihydro-3-methy	*16*	*J N*	*ug/L*		*6.98*	*14944-23-1*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
Benzoic acid, 2,4,6-trimethyl-	*9.6*	*J N*	*ug/L*		*7.05*	*480-63-7*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*7.3*	*J*	*ug/L*		*7.11*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*14*	*J*	*ug/L*		*7.23*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*12*	*J*	*ug/L*		*7.69*		*10/04/16 20:14*	*10/11/16 18:48*	*1*
Unknown	*8.8*	*J*	*ug/L*		*8.05*		*10/04/16 20:14*	*10/11/16 18:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*55*		*49 - 125*	*10/04/16 20:14*	*10/11/16 18:48*	*1*

Client Sample ID: MW-9

Date Collected: 09/30/16 09:05
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-2

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	*46*		*28 - 150*	*10/04/16 20:14*	*10/11/16 18:48*	*1*
2-Fluorobiphenyl	*55*		*44 - 129*	*10/04/16 20:14*	*10/11/16 18:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 11:58	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*59*		*10 - 150*	*10/03/16 13:55*	*10/05/16 11:58*	*1*
DCB Decachlorobiphenyl	*67*		*10 - 150*	*10/03/16 13:55*	*10/05/16 11:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**193**		10.0	10.0	mg/L			10/07/16 12:30	1
Total Suspended Solids	**123**		4.0	4.0	mg/L			10/05/16 08:59	1

Client Sample ID: MW-14 Filtered

Date Collected: 09/30/16 09:10
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/06/16 09:36	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/06/16 09:36	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/06/16 09:36	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/06/16 09:36	1
Acetone	**71**		5.0	1.1	ug/L			10/06/16 09:36	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/06/16 09:36	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/06/16 09:36	1
Trichlorofluoromethane	0.15	U *	1.0	0.15	ug/L			10/06/16 09:36	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/06/16 09:36	1
Chloroform	**0.44**	**J**	1.0	0.22	ug/L			10/06/16 09:36	1
Toluene	**0.34**	**J**	1.0	0.25	ug/L			10/06/16 09:36	1
Benzene	**0.11**	**J**	1.0	0.090	ug/L			10/06/16 09:36	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/06/16 09:36	1
Styrene	0.17	U	1.0	0.17	ug/L			10/06/16 09:36	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/06/16 09:36	1
Cyclohexane	0.26	U *	1.0	0.26	ug/L			10/06/16 09:36	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/06/16 09:36	1
Chlorobenzene	**0.86**	**J**	1.0	0.24	ug/L			10/06/16 09:36	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/06/16 09:36	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/06/16 09:36	1

Client Sample ID: MW-14 Filtered

Date Collected: 09/30/16 09:10
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-3

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/06/16 09:36	1
1,2-Dichlorobenzene	**0.39**	**J**	1.0	0.22	ug/L			10/06/16 09:36	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/06/16 09:36	1
1,4-Dichlorobenzene	**1.1**		1.0	0.33	ug/L			10/06/16 09:36	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/06/16 09:36	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/06/16 09:36	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/06/16 09:36	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/06/16 09:36	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/06/16 09:36	1
2-Butanone	**14**		5.0	2.2	ug/L			10/06/16 09:36	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/06/16 09:36	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/06/16 09:36	1
MTBE	0.13	U	1.0	0.13	ug/L			10/06/16 09:36	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/06/16 09:36	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/06/16 09:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/06/16 09:36	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/06/16 09:36	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/06/16 09:36	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/06/16 09:36	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/06/16 09:36	1
trans-1,2-Dichloroethene	**0.31**	**J**	1.0	0.18	ug/L			10/06/16 09:36	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.26	ug/L			10/06/16 09:36	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/06/16 09:36	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/06/16 09:36	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/06/16 09:36	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/06/16 09:36	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/06/16 09:36	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/06/16 09:36	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/06/16 09:36	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/06/16 09:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/06/16 09:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*48 - 130*		*10/06/16 09:36*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*10/06/16 09:36*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/06/16 09:36*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/06/16 09:36*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 20:48	1
1,3-Dichlorobenzene	**1.1**	**J**	10	1.1	ug/L		10/04/16 20:14	10/11/16 20:48	1
1,4-Dichlorobenzene	**2.3**	**J**	10	0.66	ug/L		10/04/16 20:14	10/11/16 20:48	1
1,2-Dichlorobenzene	**5.0**	**J**	10	0.83	ug/L		10/04/16 20:14	10/11/16 20:48	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 20:48	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 20:48	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 20:48	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 20:48	1

Client Sample ID: MW-14 Filtered

Date Collected: 09/30/16 09:10
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-3

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 20:48	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/04/16 20:14	10/11/16 20:48	1
Naphthalene	**20**		10	0.80	ug/L		10/04/16 20:14	10/11/16 20:48	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 20:48	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 20:48	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 20:48	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 20:48	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/11/16 20:48	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 20:48	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 20:48	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 20:48	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 20:48	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 20:48	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 20:48	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 20:48	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 20:48	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 20:48	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 20:48	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 20:48	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 20:48	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 20:48	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 20:48	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 20:48	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 20:48	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 20:48	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 20:48	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 20:48	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 20:48	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 20:48	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 20:48	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 20:48	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 20:48	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 20:48	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 20:48	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 20:48	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 20:48	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 20:48	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 20:48	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 20:48	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 20:48	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 20:48	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 20:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Indene	*12*	*J N*	*ug/L*		*4.56*	*95-13-6*	*10/04/16 20:14*	*10/11/16 20:48*	*1*
Unknown	*9.9*	*J*	*ug/L*		*5.33*		*10/04/16 20:14*	*10/11/16 20:48*	*1*
Naphthalene, 1-methyl-	*8.1*	*J N*	*ug/L*		*6.38*	*90-12-0*	*10/04/16 20:14*	*10/11/16 20:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*50*		*49 - 125*	*10/04/16 20:14*	*10/11/16 20:48*	*1*

Client Sample ID: MW-14 Filtered

Lab Sample ID: 460-121208-3

Date Collected: 09/30/16 09:10

Matrix: Water

Date Received: 09/30/16 21:00

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	*40*		*28 - 150*	*10/04/16 20:14*	*10/11/16 20:48*	*1*
2-Fluorobiphenyl	*45*		*44 - 129*	*10/04/16 20:14*	*10/11/16 20:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1242	**0.40**		0.40	0.098	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 12:47	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 12:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*56*		*10 - 150*	*10/03/16 13:55*	*10/05/16 12:47*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 150*	*10/03/16 13:55*	*10/05/16 12:47*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**200**		10.0	10.0	mg/L			10/07/16 12:30	1
Total Suspended Solids	**6.3**		1.1	1.1	mg/L			10/05/16 08:59	1

Client Sample ID: MW-22

Lab Sample ID: 460-121208-4

Date Collected: 09/30/16 10:35

Matrix: Water

Date Received: 09/30/16 21:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 21:53	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 21:53	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 21:53	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 21:53	1
Acetone	1.1	U	5.0	1.1	ug/L			10/05/16 21:53	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 21:53	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 21:53	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 21:53	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 21:53	1
Chloroform	**1.3**		1.0	0.22	ug/L			10/05/16 21:53	1
Toluene	**0.57**	**J**	1.0	0.25	ug/L			10/05/16 21:53	1
Benzene	0.090	U	1.0	0.090	ug/L			10/05/16 21:53	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 21:53	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 21:53	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 21:53	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/05/16 21:53	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 21:53	1
Chlorobenzene	**0.60**	**J**	1.0	0.24	ug/L			10/05/16 21:53	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 21:53	1
1,2,4-Trichlorobenzene	**5.0**		1.0	0.27	ug/L			10/05/16 21:53	1

Client Sample ID: MW-22

Date Collected: 09/30/16 10:35
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-4

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	**1.7**		1.0	0.35	ug/L			10/05/16 21:53	1
1,2-Dichlorobenzene	**0.50**	**J**	1.0	0.22	ug/L			10/05/16 21:53	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 21:53	1
1,4-Dichlorobenzene	**1.8**		1.0	0.33	ug/L			10/05/16 21:53	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 21:53	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 21:53	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 21:53	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 21:53	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 21:53	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 21:53	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 21:53	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 21:53	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 21:53	1
Tetrachloroethene	**0.40**	**J**	1.0	0.12	ug/L			10/05/16 21:53	1
Isopropylbenzene	**0.82**	**J**	1.0	0.32	ug/L			10/05/16 21:53	1
Ethylbenzene	**1.1**		1.0	0.30	ug/L			10/05/16 21:53	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 21:53	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 21:53	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 21:53	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 21:53	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/05/16 21:53	1
cis-1,2-Dichloroethene	**0.26**	**J**	1.0	0.26	ug/L			10/05/16 21:53	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 21:53	1
Xylenes, Total	**5.2**		2.0	0.28	ug/L			10/05/16 21:53	1
Trichloroethene	**0.23**	**J**	1.0	0.22	ug/L			10/05/16 21:53	1
Methylcyclohexane	**0.40**	**J**	1.0	0.22	ug/L			10/05/16 21:53	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 21:53	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 21:53	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 21:53	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 21:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-3-methyl-	*13*	*J N*	*ug/L*		*9.33*	*620-14-4*		*10/05/16 21:53*	*1*
Benzene, 1,3,5-trimethyl-	*11*	*J N*	*ug/L*		*9.62*	*108-67-8*		*10/05/16 21:53*	*1*
Benzene, 1,2,4-trimethyl-	*11*	*J N*	*ug/L*		*10.31*	*95-63-6*		*10/05/16 21:53*	*1*
Benzene, 1-ethenyl-2-methyl-	*9.5*	*J N*	*ug/L*		*10.47*	*611-15-4*		*10/05/16 21:53*	*1*
Benzene, 1,2,3,5-tetramethyl-	*9.9*	*J N*	*ug/L*		*11.83*	*527-53-7*		*10/05/16 21:53*	*1*
Benzene, 2-ethenyl-1,4-dimethyl-	*15*	*J N*	*ug/L*		*12.15*	*2039-89-6*		*10/05/16 21:53*	*1*
Benzene, 1,2,4,5-tetramethyl-	*16*	*J N*	*ug/L*		*12.19*	*95-93-2*		*10/05/16 21:53*	*1*
Naphthalene, 1,2,3,4-tetrahydro-	*8.4*	*J N*	*ug/L*		*12.26*	*119-64-2*		*10/05/16 21:53*	*1*
Naphthalene, 2-methyl-	*12*	*J N*	*ug/L*		*13.35*	*91-57-6*		*10/05/16 21:53*	*1*
Naphthalene, 1-methyl-	*11*	*J N*	*ug/L*		*13.43*	*90-12-0*		*10/05/16 21:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*48 - 130*		*10/05/16 21:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/05/16 21:53*	*1*
Bromofluorobenzene	*86*		*71 - 131*		*10/05/16 21:53*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*10/05/16 21:53*	*1*

Client Sample ID: MW-22

Date Collected: 09/30/16 10:35
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-4

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 19:08	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/04/16 20:14	10/11/16 19:08	1
1,4-Dichlorobenzene	**1.3**	**J**	10	0.66	ug/L		10/04/16 20:14	10/11/16 19:08	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 19:08	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 19:08	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 19:08	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 19:08	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 19:08	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 19:08	1
1,2,4-Trichlorobenzene	**3.8**		1.0	0.61	ug/L		10/04/16 20:14	10/11/16 19:08	1
Naphthalene	**7.6**	**J**	10	0.80	ug/L		10/04/16 20:14	10/11/16 19:08	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 19:08	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 19:08	1
2-Methylnaphthalene	**9.0**	**J**	10	0.88	ug/L		10/04/16 20:14	10/11/16 19:08	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 19:08	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/11/16 19:08	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:08	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 19:08	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:08	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 19:08	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 19:08	1
Acenaphthene	**1.1**	**J**	10	0.88	ug/L		10/04/16 20:14	10/11/16 19:08	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 19:08	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 19:08	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:08	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 19:08	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 19:08	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 19:08	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 19:08	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:08	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 19:08	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:08	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 19:08	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 19:08	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 19:08	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 19:08	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 19:08	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 19:08	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:08	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 19:08	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 19:08	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 19:08	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 19:08	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 19:08	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 19:08	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 19:08	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 19:08	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 19:08	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 19:08	1

Client Sample ID: MW-22
Date Collected: 09/30/16 10:35
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-4
Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 19:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 1-ethyl-2-methyl-	*11*	*J N*	*ug/L*		*4.00*	*611-14-3*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Benzene, 1,2,3-trimethyl-	*9.0*	*J N*	*ug/L*		*4.36*	*526-73-8*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Indene	*8.6*	*J N*	*ug/L*		*4.56*	*95-13-6*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Benzene, 1-methyl-2-(1-methylethyl)-	*7.9*	*J N*	*ug/L*		*5.10*	*527-84-4*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Benzene, 2-butenyl-	*18*	*J N*	*ug/L*		*5.32*	*1560-06-1*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*8.5*	*J*	*ug/L*		*5.41*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*15*	*J*	*ug/L*		*6.05*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*8.6*	*J*	*ug/L*		*6.25*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Benzocycloheptatriene	*16*	*J N*	*ug/L*		*6.38*	*264-09-5*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*8.3*	*J*	*ug/L*		*6.57*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*13*	*J*	*ug/L*		*6.99*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*9.9*	*J*	*ug/L*		*7.01*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*8.6*	*J*	*ug/L*		*7.64*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*13*	*J*	*ug/L*		*7.99*		*10/04/16 20:14*	*10/11/16 19:08*	*1*
Unknown	*8.4*	*J*	*ug/L*		*10.92*		*10/04/16 20:14*	*10/11/16 19:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*49 - 125*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
Terphenyl-d14	*55*		*28 - 150*	*10/04/16 20:14*	*10/11/16 19:08*	*1*
2-Fluorobiphenyl	*71*		*44 - 129*	*10/04/16 20:14*	*10/11/16 19:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:01	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/03/16 13:55*	*10/05/16 13:01*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 150*	*10/03/16 13:55*	*10/05/16 13:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**118**		10.0	10.0	mg/L			10/07/16 12:30	1
Total Suspended Solids	**20.0**		1.3	1.3	mg/L			10/05/16 08:59	1

Client Sample ID: MW-18

Date Collected: 09/30/16 10:50
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-5

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 21:28	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 21:28	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 21:28	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 21:28	1
Acetone	1.1	U	5.0	1.1	ug/L			10/05/16 21:28	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 21:28	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 21:28	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 21:28	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 21:28	1
Chloroform	**0.62**	**J**	1.0	0.22	ug/L			10/05/16 21:28	1
Toluene	0.25	U	1.0	0.25	ug/L			10/05/16 21:28	1
Benzene	0.090	U	1.0	0.090	ug/L			10/05/16 21:28	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 21:28	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 21:28	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 21:28	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/05/16 21:28	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 21:28	1
Chlorobenzene	**0.45**	**J**	1.0	0.24	ug/L			10/05/16 21:28	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 21:28	1
1,2,4-Trichlorobenzene	**11**		1.0	0.27	ug/L			10/05/16 21:28	1
1,2,3-Trichlorobenzene	**3.6**		1.0	0.35	ug/L			10/05/16 21:28	1
1,2-Dichlorobenzene	**0.43**	**J**	1.0	0.22	ug/L			10/05/16 21:28	1
1,3-Dichlorobenzene	**0.38**	**J**	1.0	0.33	ug/L			10/05/16 21:28	1
1,4-Dichlorobenzene	**1.7**		1.0	0.33	ug/L			10/05/16 21:28	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 21:28	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 21:28	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 21:28	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 21:28	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 21:28	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 21:28	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 21:28	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 21:28	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 21:28	1
Tetrachloroethene	**0.61**	**J**	1.0	0.12	ug/L			10/05/16 21:28	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/05/16 21:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/05/16 21:28	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 21:28	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 21:28	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 21:28	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 21:28	1
trans-1,2-Dichloroethene	**0.20**	**J**	1.0	0.18	ug/L			10/05/16 21:28	1
cis-1,2-Dichloroethene	**1.6**		1.0	0.26	ug/L			10/05/16 21:28	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 21:28	1
Xylenes, Total	**0.59**	**J**	2.0	0.28	ug/L			10/05/16 21:28	1
Trichloroethene	**0.41**	**J**	1.0	0.22	ug/L			10/05/16 21:28	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/05/16 21:28	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 21:28	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 21:28	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 21:28	1

Client Sample ID: MW-18

Date Collected: 09/30/16 10:50
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-5

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 21:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/05/16 21:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 130*		*10/05/16 21:28*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/05/16 21:28*	*1*
Bromofluorobenzene	*91*		*71 - 131*		*10/05/16 21:28*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/05/16 21:28*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 19:28	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/04/16 20:14	10/11/16 19:28	1
1,4-Dichlorobenzene	**1.2**	**J**	10	0.66	ug/L		10/04/16 20:14	10/11/16 19:28	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 19:28	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 19:28	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 19:28	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 19:28	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 19:28	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 19:28	1
1,2,4-Trichlorobenzene	**8.3**		1.0	0.61	ug/L		10/04/16 20:14	10/11/16 19:28	1
Naphthalene	**1.0**	**J**	10	0.80	ug/L		10/04/16 20:14	10/11/16 19:28	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 19:28	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 19:28	1
2-Methylnaphthalene	**1.9**	**J**	10	0.88	ug/L		10/04/16 20:14	10/11/16 19:28	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 19:28	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/11/16 19:28	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:28	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 19:28	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:28	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 19:28	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 19:28	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 19:28	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 19:28	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 19:28	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:28	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 19:28	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 19:28	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 19:28	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 19:28	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:28	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 19:28	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:28	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 19:28	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 19:28	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 19:28	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 19:28	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 19:28	1

Client Sample ID: MW-18
Date Collected: 09/30/16 10:50
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-5
Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 19:28	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:28	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 19:28	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 19:28	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 19:28	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 19:28	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 19:28	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 19:28	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 19:28	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 19:28	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 19:28	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 19:28	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 19:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*6.6*	*J*	*ug/L*		*4.81*		*10/04/16 20:14*	*10/11/16 19:28*	*1*
Benzene, 1,2,3-trichloro-	*6.8*	*J N*	*ug/L*		*5.75*	*87-61-6*	*10/04/16 20:14*	*10/11/16 19:28*	*1*
Unknown	*6.8*	*J*	*ug/L*		*6.61*		*10/04/16 20:14*	*10/11/16 19:28*	*1*
Unknown	*9.5*	*J*	*ug/L*		*8.65*		*10/04/16 20:14*	*10/11/16 19:28*	*1*
1,1'-Biphenyl, 2,3,4'-Trichloro-	*7.9*	*J N*	*ug/L*		*8.87*	*38444-85-8*	*10/04/16 20:14*	*10/11/16 19:28*	*1*
1,1'-Biphenyl, 3,4,4'-Trichloro-	*7.6*	*J N*	*ug/L*		*9.12*	*38444-90-5*	*10/04/16 20:14*	*10/11/16 19:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*73*		*49 - 125*	*10/04/16 20:14*	*10/11/16 19:28*	*1*
Terphenyl-d14	*56*		*28 - 150*	*10/04/16 20:14*	*10/11/16 19:28*	*1*
2-Fluorobiphenyl	*68*		*44 - 129*	*10/04/16 20:14*	*10/11/16 19:28*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1221	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1232	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1242	**43**	**D**	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1248	0.98	U	4.0	0.98	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1254	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1260	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1262	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 13:58	10
Aroclor 1268	0.84	U	4.0	0.84	ug/L		10/03/16 13:55	10/05/16 13:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*99*	*D*	*10 - 150*	*10/03/16 13:55*	*10/05/16 13:58*	*10*
DCB Decachlorobiphenyl	*109*	*D*	*10 - 150*	*10/03/16 13:55*	*10/05/16 13:58*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**57.0**		10.0	10.0	mg/L			10/07/16 12:30	1
Total Suspended Solids	**12.3**		1.3	1.3	mg/L			10/05/16 08:59	1

Client Sample ID: MW-18 Filtered

Date Collected: 09/30/16 11:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-6

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 21:02	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 21:02	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 21:02	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1
Acetone	**64**		5.0	1.1	ug/L			10/05/16 21:02	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 21:02	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 21:02	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 21:02	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1
Toluene	**0.27**	**J**	1.0	0.25	ug/L			10/05/16 21:02	1
Benzene	**0.11**	**J**	1.0	0.090	ug/L			10/05/16 21:02	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 21:02	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 21:02	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 21:02	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/05/16 21:02	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 21:02	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/05/16 21:02	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 21:02	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/05/16 21:02	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/05/16 21:02	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 21:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 21:02	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 21:02	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 21:02	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 21:02	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 21:02	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 21:02	1
2-Butanone	**17**		5.0	2.2	ug/L			10/05/16 21:02	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 21:02	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 21:02	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 21:02	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/05/16 21:02	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/05/16 21:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/05/16 21:02	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 21:02	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 21:02	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 21:02	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 21:02	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/05/16 21:02	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/05/16 21:02	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 21:02	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/05/16 21:02	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 21:02	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 21:02	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 21:02	1

Client Sample ID: MW-18 Filtered

Date Collected: 09/30/16 11:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-6

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 21:02	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/05/16 21:02*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 130*		*10/05/16 21:02*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/05/16 21:02*	*1*
Bromofluorobenzene	*90*		*71 - 131*		*10/05/16 21:02*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/05/16 21:02*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 19:48	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/04/16 20:14	10/11/16 19:48	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/04/16 20:14	10/11/16 19:48	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 19:48	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 19:48	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 19:48	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 19:48	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 19:48	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 19:48	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/04/16 20:14	10/11/16 19:48	1
Naphthalene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 19:48	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 19:48	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 19:48	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 19:48	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 19:48	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/11/16 19:48	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:48	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 19:48	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:48	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 19:48	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 19:48	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 19:48	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 19:48	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 19:48	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:48	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 19:48	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 19:48	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 19:48	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 19:48	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:48	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 19:48	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 19:48	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 19:48	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 19:48	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 19:48	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 19:48	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 19:48	1

Client Sample ID: MW-18 Filtered

Date Collected: 09/30/16 11:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-6

Matrix: Water

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 19:48	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 19:48	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 19:48	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 19:48	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 19:48	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 19:48	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 19:48	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 19:48	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 19:48	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 19:48	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 19:48	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 19:48	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 19:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.3*	*J*	*ug/L*		*5.52*		*10/04/16 20:14*	*10/11/16 19:48*	*1*
Unknown	*8.2*	*J*	*ug/L*		*6.02*		*10/04/16 20:14*	*10/11/16 19:48*	*1*
Unknown	*6.8*	*J*	*ug/L*		*6.05*		*10/04/16 20:14*	*10/11/16 19:48*	*1*
Unknown	*7.4*	*J*	*ug/L*		*6.31*		*10/04/16 20:14*	*10/11/16 19:48*	*1*
Unknown	*8.7*	*J*	*ug/L*		*8.65*		*10/04/16 20:14*	*10/11/16 19:48*	*1*
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca -6,	*27*	*J N*	*ug/L*		*9.17*	*82304-66-3*	*10/04/16 20:14*	*10/11/16 19:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*74*		*49 - 125*	*10/04/16 20:14*	*10/11/16 19:48*	*1*
Terphenyl-d14	*55*		*28 - 150*	*10/04/16 20:14*	*10/11/16 19:48*	*1*
2-Fluorobiphenyl	*62*		*44 - 129*	*10/04/16 20:14*	*10/11/16 19:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:31	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*10 - 150*	*10/03/16 13:55*	*10/05/16 13:31*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 150*	*10/03/16 13:55*	*10/05/16 13:31*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**57.0**		10.0	10.0	mg/L			10/07/16 12:30	1
Total Suspended Solids	1.1	U	1.1	1.1	mg/L			10/05/16 08:59	1

Client Sample ID: FB_20160930

Date Collected: 09/30/16 11:45
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-7

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 20:36	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 20:36	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 20:36	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1
Acetone	1.1	U	5.0	1.1	ug/L			10/05/16 20:36	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 20:36	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 20:36	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 20:36	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1
Toluene	0.25	U	1.0	0.25	ug/L			10/05/16 20:36	1
Benzene	0.090	U	1.0	0.090	ug/L			10/05/16 20:36	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 20:36	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 20:36	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 20:36	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/05/16 20:36	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 20:36	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/05/16 20:36	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 20:36	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/05/16 20:36	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/05/16 20:36	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 20:36	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 20:36	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 20:36	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 20:36	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 20:36	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 20:36	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 20:36	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 20:36	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 20:36	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 20:36	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 20:36	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/05/16 20:36	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/05/16 20:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/05/16 20:36	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 20:36	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 20:36	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 20:36	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 20:36	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/05/16 20:36	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/05/16 20:36	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 20:36	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/05/16 20:36	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 20:36	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 20:36	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 20:36	1

Client Sample ID: FB_20160930

Date Collected: 09/30/16 11:45
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-7

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 20:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/05/16 20:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*48 - 130*		*10/05/16 20:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/05/16 20:36*	*1*
Bromofluorobenzene	*86*		*71 - 131*		*10/05/16 20:36*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/05/16 20:36*	*1*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 20:08	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/04/16 20:14	10/11/16 20:08	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/04/16 20:14	10/11/16 20:08	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 20:08	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 20:08	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 20:08	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 20:08	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 20:08	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 20:08	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/04/16 20:14	10/11/16 20:08	1
Naphthalene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 20:08	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 20:08	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 20:08	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 20:08	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 20:08	1
2-Chloronaphthalene	0.61	U *	10	0.61	ug/L		10/04/16 20:14	10/11/16 20:08	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 20:08	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 20:08	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 20:08	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 20:08	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 20:08	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 20:08	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 20:08	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 20:08	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 20:08	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 20:08	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 20:08	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 20:08	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 20:08	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 20:08	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 20:08	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 20:08	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 20:08	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 20:08	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 20:08	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 20:08	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 20:08	1

Client Sample ID: FB_20160930

Lab Sample ID: 460-121208-7

Date Collected: 09/30/16 11:45

Matrix: Water

Date Received: 09/30/16 21:00

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 20:08	1
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 20:08	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 20:08	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 20:08	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 20:08	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 20:08	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 20:08	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 20:08	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 20:08	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 20:08	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 20:08	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 20:08	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 20:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*18*	*J*	*ug/L*		*5.14*		*10/04/16 20:14*	*10/11/16 20:08*	*1*
Unknown	*6.7*	*J*	*ug/L*		*5.22*		*10/04/16 20:14*	*10/11/16 20:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*75*		*49 - 125*	*10/04/16 20:14*	*10/11/16 20:08*	*1*
Terphenyl-d14	*66*		*28 - 150*	*10/04/16 20:14*	*10/11/16 20:08*	*1*
2-Fluorobiphenyl	*62*		*44 - 129*	*10/04/16 20:14*	*10/11/16 20:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 20:28	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*97*		*10 - 150*	*10/03/16 13:55*	*10/04/16 20:28*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/03/16 13:55*	*10/04/16 20:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.0	U	10.0	10.0	mg/L			10/07/16 12:30	1
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/05/16 08:59	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-121208-8

Date Collected: 09/30/16 00:00

Matrix: Water

Date Received: 09/30/16 21:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 20:10	1

Client Sample ID: Trip Blank

Date Collected: 09/30/16 00:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-8

Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 20:10	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 20:10	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
Acetone	**6.4**		5.0	1.1	ug/L			10/05/16 20:10	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 20:10	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 20:10	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 20:10	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
Toluene	0.25	U	1.0	0.25	ug/L			10/05/16 20:10	1
Benzene	0.090	U	1.0	0.090	ug/L			10/05/16 20:10	1
Freon TF	0.34	U *	1.0	0.34	ug/L			10/05/16 20:10	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 20:10	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 20:10	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/05/16 20:10	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 20:10	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/05/16 20:10	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 20:10	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/05/16 20:10	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/05/16 20:10	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 20:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 20:10	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 20:10	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 20:10	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 20:10	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 20:10	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 20:10	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 20:10	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 20:10	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 20:10	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 20:10	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/05/16 20:10	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/05/16 20:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/05/16 20:10	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 20:10	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 20:10	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 20:10	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 20:10	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/05/16 20:10	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/05/16 20:10	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 20:10	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/05/16 20:10	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 20:10	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 20:10	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 20:10	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 20:10	1

Client Sample ID: Trip Blank

Date Collected: 09/30/16 00:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-8

Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/05/16 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		48 - 130		10/05/16 20:10	1
Toluene-d8 (Surr)	100		80 - 120		10/05/16 20:10	1
Bromofluorobenzene	89		71 - 131		10/05/16 20:10	1
Dibromofluoromethane (Surr)	97		80 - 120		10/05/16 20:10	1

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(48-130)	(80-120)	(71-131)	(80-120)
460-121202-B-2 MS	Matrix Spike	99	97	88	95
460-121202-B-2 MSD	Matrix Spike Duplicate	105	104	92	103
460-121208-1	MW-14	100	102	90	99
460-121208-2	MW-9	112	112	96	109
460-121208-3	MW-14 Filtered	105	105	91	102
460-121208-4	MW-22	99	99	86	97
460-121208-5	MW-18	101	104	91	100
460-121208-6	MW-18 Filtered	101	102	90	99
460-121208-7	FB_20160930	101	101	86	99
460-121208-8	Trip Blank	100	100	89	97
LCS 460-395000/4	Lab Control Sample	107	103	91	103
LCS 460-395281/4	Lab Control Sample	105	102	92	100
LCSD 460-395281/5	Lab Control Sample Dup	108	102	92	100
MB 460-395000/8	Method Blank	103	101	93	102
MB 460-395281/8	Method Blank	116	115	100	112

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		NBZ	TPH	FBP
Lab Sample ID	Client Sample ID	(49-125)	(28-150)	(44-129)
460-121208-1	MW-14	55	46	51
460-121208-2	MW-9	55	46	55
460-121208-3	MW-14 Filtered	50	40	45
460-121208-4	MW-22	73	55	71
460-121208-5	MW-18	73	56	68
460-121208-6	MW-18 Filtered	74	55	62
460-121208-7	FB_20160930	75	66	62
LCS 460-394928/2-A	Lab Control Sample	62	56	58
LCSD 460-394928/3-A	Lab Control Sample Dup	64	61	60
MB 460-394928/1-A	Method Blank	57	54	50

Surrogate Legend

NBZ = Nitrobenzene-d5
TPH = Terphenyl-d14
FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCB1 (10-150)	DCB2 (10-150)								
460-121208-1 - DL	MW-14	108 D	117 D								
460-121208-2	MW-9	59	67								
460-121208-3	MW-14 Filtered	56	77								
460-121208-4	MW-22	69	80								
460-121208-5 - DL	MW-18	99 D	109 D								
460-121208-6	MW-18 Filtered	69	78								
460-121208-7	FB_20160930	97	105								
LCS 460-394557/2-A	Lab Control Sample	95	100								
LCS 460-394557/2-A - RA	Lab Control Sample	94	99								
LCSD 460-394557/3-A	Lab Control Sample Dup	87	91								
LCSD 460-394557/3-A - RA	Lab Control Sample Dup	85	88								
MB 460-394557/1-A	Method Blank	105	113								
MB 460-394557/1-A - RA	Method Blank	105	110								

Surrogate Legend

DCB = DCB Decachlorobiphenyl

Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-395000/8
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/05/16 10:04	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/05/16 10:04	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/05/16 10:04	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
Acetone	1.1	U	5.0	1.1	ug/L			10/05/16 10:04	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/05/16 10:04	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/05/16 10:04	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/05/16 10:04	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
Toluene	0.25	U	1.0	0.25	ug/L			10/05/16 10:04	1
Benzene	0.090	U	1.0	0.090	ug/L			10/05/16 10:04	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/05/16 10:04	1
Styrene	0.17	U	1.0	0.17	ug/L			10/05/16 10:04	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/05/16 10:04	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/05/16 10:04	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/05/16 10:04	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/05/16 10:04	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/05/16 10:04	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/05/16 10:04	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/05/16 10:04	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 10:04	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/05/16 10:04	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/05/16 10:04	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/05/16 10:04	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/05/16 10:04	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/05/16 10:04	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/05/16 10:04	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/05/16 10:04	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/05/16 10:04	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/05/16 10:04	1
MTBE	0.13	U	1.0	0.13	ug/L			10/05/16 10:04	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/05/16 10:04	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/05/16 10:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/05/16 10:04	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/05/16 10:04	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/05/16 10:04	1
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/05/16 10:04	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/05/16 10:04	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/05/16 10:04	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/05/16 10:04	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/05/16 10:04	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/05/16 10:04	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/05/16 10:04	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/05/16 10:04	1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-395000/8
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/05/16 10:04	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/05/16 10:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/05/16 10:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*48 - 130*		*10/05/16 10:04*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/05/16 10:04*	*1*
Bromofluorobenzene	*93*		*71 - 131*		*10/05/16 10:04*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*10/05/16 10:04*	*1*

Lab Sample ID: LCS 460-395000/4
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	20.0	16.4		ug/L		82	14 - 230
Vinyl chloride	20.0	21.3		ug/L		107	0 - 251
Bromomethane	20.0	19.9		ug/L		99	0 - 242
Chloromethane	20.0	20.3		ug/L		102	0 - 273
Acetone	100	79.8		ug/L		80	48 - 143
Carbon disulfide	20.0	22.3		ug/L		112	51 - 144
Methylene Chloride	20.0	22.9		ug/L		114	0 - 221
Trichlorofluoromethane	20.0	35.5		ug/L		177	17 - 181
1,1-Dichloroethene	20.0	23.5		ug/L		117	0 - 234
Chloroform	20.0	20.3		ug/L		102	51 - 138
Toluene	20.0	20.2		ug/L		101	78 - 120
Benzene	20.0	20.4		ug/L		102	37 - 151
Freon TF	20.0	31.3	*	ug/L		156	48 - 150
Styrene	20.0	17.6		ug/L		88	80 - 126
Bromoform	20.0	15.3		ug/L		77	45 - 169
Cyclohexane	20.0	28.7		ug/L		144	59 - 150
Carbon tetrachloride	20.0	21.5		ug/L		107	70 - 140
Chlorobenzene	20.0	19.3		ug/L		97	37 - 160
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	46 - 147
1,2,4-Trichlorobenzene	20.0	18.3		ug/L		91	64 - 124
1,2,3-Trichlorobenzene	20.0	18.1		ug/L		90	56 - 136
1,2-Dichlorobenzene	20.0	18.8		ug/L		94	18 - 190
1,3-Dichlorobenzene	20.0	18.1		ug/L		91	59 - 156
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	18 - 190
1,2-Dibromo-3-Chloropropane	20.0	18.4		ug/L		92	48 - 129
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	52 - 150
4-Methyl-2-pentanone	100	93.8		ug/L		94	73 - 124
p-Dioxane	400	403		ug/L		101	71 - 150
1,2-Dichloroethane	20.0	20.5		ug/L		102	49 - 155
2-Butanone	100	83.5		ug/L		83	57 - 144

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-395000/4
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	20.0	21.9		ug/L		110	59 - 155
2-Hexanone	100	92.1		ug/L		92	60 - 137
MTBE	20.0	23.2		ug/L		116	63 - 128
Tetrachloroethene	20.0	19.7		ug/L		99	78 - 121
Isopropylbenzene	20.0	19.8		ug/L		99	80 - 120
Ethylbenzene	20.0	19.7		ug/L		98	37 - 162
Bromodichloromethane	20.0	19.6		ug/L		98	35 - 155
Dichlorodifluoromethane	20.0	23.4		ug/L		117	50 - 127
Methyl acetate	100	84.6		ug/L		85	39 - 150
trans-1,3-Dichloropropene	20.0	20.1		ug/L		100	17 - 183
trans-1,2-Dichloroethene	20.0	21.9		ug/L		110	54 - 156
cis-1,2-Dichloroethene	20.0	20.2		ug/L		101	80 - 120
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	0 - 227
Xylenes, Total	40.0	39.0		ug/L		97	80 - 120
Trichloroethene	20.0	20.1		ug/L		100	71 - 157
Methylcyclohexane	20.0	26.7		ug/L		134	77 - 150
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	52 - 162
1,2-Dichloropropane	20.0	20.1		ug/L		100	0 - 210
Dibromochloromethane	20.0	18.2		ug/L		91	53 - 149
1,2-Dibromoethane	20.0	19.4		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*48 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
Bromofluorobenzene	*91*		*71 - 131*
Dibromofluoromethane (Surr)	*103*		*80 - 120*

Lab Sample ID: 460-121202-B-2 MS
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	0.37	U	200	244		ug/L		122	14 - 230
Vinyl chloride	0.060	U	200	203		ug/L		101	0 - 251
Bromomethane	0.18	U	200	188		ug/L		94	0 - 242
Chloromethane	0.22	U	200	187		ug/L		94	0 - 273
Acetone	1.1	U	1000	744		ug/L		74	48 - 143
Carbon disulfide	0.22	U	200	210		ug/L		105	51 - 144
Methylene Chloride	0.21	U	200	207		ug/L		104	0 - 221
Trichlorofluoromethane	0.15	U F1	200	370	F1	ug/L		185	17 - 181
1,1-Dichloroethene	0.34	U	200	214		ug/L		107	0 - 234
Chloroform	0.22	U	200	201		ug/L		100	51 - 138
Toluene	0.25	U	200	201		ug/L		101	78 - 120
Benzene	0.090	U	200	214		ug/L		107	37 - 151
Freon TF	0.34	U *	200	288		ug/L		144	48 - 150
Styrene	0.17	U	200	184		ug/L		92	80 - 126
Bromoform	0.18	U	200	142		ug/L		71	45 - 169
Cyclohexane	0.26	U	200	279		ug/L		140	59 - 150

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121202-B-2 MS
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	0.33	U	200	202		ug/L		101	70 - 140
Chlorobenzene	0.24	U	200	189		ug/L		95	37 - 160
1,1,2,2-Tetrachloroethane	0.19	U	200	195		ug/L		98	46 - 147
1,2,4-Trichlorobenzene	0.27	U	200	168		ug/L		84	64 - 124
1,2,3-Trichlorobenzene	0.35	U	200	157		ug/L		79	56 - 136
1,2-Dichlorobenzene	0.22	U	200	185		ug/L		92	18 - 190
1,3-Dichlorobenzene	0.33	U	200	191		ug/L		96	59 - 156
1,4-Dichlorobenzene	0.33	U	200	190		ug/L		95	18 - 190
1,2-Dibromo-3-Chloropropane	0.23	U	200	156		ug/L		78	48 - 129
1,1,2-Trichloroethane	0.080	U	200	192		ug/L		96	52 - 150
4-Methyl-2-pentanone	0.63	U	1000	950		ug/L		95	73 - 124
p-Dioxane	8.7	U	4000	3840		ug/L		96	71 - 150
1,2-Dichloroethane	0.25	U	200	202		ug/L		101	49 - 155
2-Butanone	2.2	U	1000	826		ug/L		83	57 - 144
1,1-Dichloroethane	0.24	U	200	222		ug/L		111	59 - 155
2-Hexanone	0.72	U	1000	881		ug/L		88	60 - 137
MTBE	0.67	J	200	222		ug/L		111	63 - 128
Tetrachloroethene	0.12	U	200	185		ug/L		92	78 - 121
Isopropylbenzene	0.32	U	200	196		ug/L		98	80 - 120
Ethylbenzene	0.30	U	200	196		ug/L		98	37 - 162
Bromodichloromethane	0.15	U	200	191		ug/L		95	35 - 155
Dichlorodifluoromethane	0.14	U	200	237		ug/L		118	50 - 127
Methyl acetate	0.58	U	1000	963		ug/L		96	39 - 150
trans-1,3-Dichloropropene	0.19	U	200	191		ug/L		96	17 - 183
trans-1,2-Dichloroethene	0.18	U	200	208		ug/L		104	54 - 156
cis-1,2-Dichloroethene	0.26	U	200	195		ug/L		97	80 - 120
cis-1,3-Dichloropropene	0.16	U	200	193		ug/L		96	0 - 227
Xylenes, Total	0.28	U	400	394		ug/L		99	80 - 120
Trichloroethene	0.22	U	200	192		ug/L		96	71 - 157
Methylcyclohexane	0.22	U	200	260		ug/L		130	77 - 150
1,1,1-Trichloroethane	0.28	U	200	211		ug/L		105	52 - 162
1,2-Dichloropropane	0.18	U	200	203		ug/L		102	0 - 210
Dibromochloromethane	0.22	U	200	176		ug/L		88	53 - 149
1,2-Dibromoethane	0.19	U	200	184		ug/L		92	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*48 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
Bromofluorobenzene	*88*		*71 - 131*
Dibromofluoromethane (Surr)	*95*		*80 - 120*

Lab Sample ID: 460-121202-B-2 MSD
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Chloride	0.37	U	200	257		ug/L		129	14 - 230	5	30
Vinyl chloride	0.060	U	200	206		ug/L		103	0 - 251	2	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121202-B-2 MSD
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	0.18	U	200	209		ug/L		105	0 - 242	11	30
Chloromethane	0.22	U	200	199		ug/L		99	0 - 273	6	30
Acetone	1.1	U	1000	737		ug/L		74	48 - 143	1	30
Carbon disulfide	0.22	U	200	217		ug/L		109	51 - 144	4	30
Methylene Chloride	0.21	U	200	234		ug/L		117	0 - 221	12	30
Trichlorofluoromethane	0.15	U F1	200	386	F1	ug/L		193	17 - 181	4	30
1,1-Dichloroethene	0.34	U	200	222		ug/L		111	0 - 234	3	30
Chloroform	0.22	U	200	205		ug/L		102	51 - 138	2	30
Toluene	0.25	U	200	210		ug/L		105	78 - 120	4	30
Benzene	0.090	U	200	216		ug/L		108	37 - 151	1	30
Freon TF	0.34	U *	200	301		ug/L		150	48 - 150	4	30
Styrene	0.17	U	200	186		ug/L		93	80 - 126	1	30
Bromoform	0.18	U	200	145		ug/L		73	45 - 169	2	30
Cyclohexane	0.26	U	200	298		ug/L		149	59 - 150	6	30
Carbon tetrachloride	0.33	U	200	213		ug/L		106	70 - 140	5	30
Chlorobenzene	0.24	U	200	197		ug/L		99	37 - 160	4	30
1,1,2,2-Tetrachloroethane	0.19	U	200	205		ug/L		103	46 - 147	5	30
1,2,4-Trichlorobenzene	0.27	U	200	177		ug/L		88	64 - 124	5	30
1,2,3-Trichlorobenzene	0.35	U	200	168		ug/L		84	56 - 136	7	30
1,2-Dichlorobenzene	0.22	U	200	192		ug/L		96	18 - 190	4	30
1,3-Dichlorobenzene	0.33	U	200	195		ug/L		98	59 - 156	2	30
1,4-Dichlorobenzene	0.33	U	200	188		ug/L		94	18 - 190	1	30
1,2-Dibromo-3-Chloropropane	0.23	U	200	162		ug/L		81	48 - 129	3	30
1,1,2-Trichloroethane	0.080	U	200	198		ug/L		99	52 - 150	3	30
4-Methyl-2-pentanone	0.63	U	1000	970		ug/L		97	73 - 124	2	30
p-Dioxane	8.7	U	4000	3910		ug/L		98	71 - 150	2	30
1,2-Dichloroethane	0.25	U	200	212		ug/L		106	49 - 155	5	30
2-Butanone	2.2	U	1000	826		ug/L		83	57 - 144	0	30
1,1-Dichloroethane	0.24	U	200	223		ug/L		112	59 - 155	1	30
2-Hexanone	0.72	U	1000	894		ug/L		89	60 - 137	1	30
MTBE	0.67	J	200	225		ug/L		112	63 - 128	1	30
Tetrachloroethene	0.12	U	200	192		ug/L		96	78 - 121	4	30
Isopropylbenzene	0.32	U	200	202		ug/L		101	80 - 120	3	30
Ethylbenzene	0.30	U	200	196		ug/L		98	37 - 162	0	30
Bromodichloromethane	0.15	U	200	198		ug/L		99	35 - 155	4	30
Dichlorodifluoromethane	0.14	U	200	247		ug/L		124	50 - 127	4	30
Methyl acetate	0.58	U	1000	959		ug/L		96	39 - 150	0	30
trans-1,3-Dichloropropene	0.19	U	200	198		ug/L		99	17 - 183	4	30
trans-1,2-Dichloroethene	0.18	U	200	215		ug/L		108	54 - 156	4	30
cis-1,2-Dichloroethene	0.26	U	200	205		ug/L		102	80 - 120	5	30
cis-1,3-Dichloropropene	0.16	U	200	198		ug/L		99	0 - 227	3	30
Xylenes, Total	0.28	U	400	400		ug/L		100	80 - 120	1	30
Trichloroethene	0.22	U	200	196		ug/L		98	71 - 157	2	30
Methylcyclohexane	0.22	U	200	270		ug/L		135	77 - 150	4	30
1,1,1-Trichloroethane	0.28	U	200	222		ug/L		111	52 - 162	5	30
1,2-Dichloropropane	0.18	U	200	211		ug/L		105	0 - 210	4	30
Dibromochloromethane	0.22	U	200	176		ug/L		88	53 - 149	0	30
1,2-Dibromoethane	0.19	U	200	189		ug/L		94	80 - 120	3	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-121202-B-2 MSD
Matrix: Water
Analysis Batch: 395000

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*48 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 460-395281/8
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Chloride	0.37	U	1.0	0.37	ug/L			10/06/16 09:03	1
Vinyl chloride	0.060	U	1.0	0.060	ug/L			10/06/16 09:03	1
Bromomethane	0.18	U	1.0	0.18	ug/L			10/06/16 09:03	1
Chloromethane	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
Acetone	1.1	U	5.0	1.1	ug/L			10/06/16 09:03	1
Carbon disulfide	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
Methylene Chloride	0.21	U	1.0	0.21	ug/L			10/06/16 09:03	1
Trichlorofluoromethane	0.15	U	1.0	0.15	ug/L			10/06/16 09:03	1
1,1-Dichloroethene	0.34	U	1.0	0.34	ug/L			10/06/16 09:03	1
Chloroform	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
Toluene	0.25	U	1.0	0.25	ug/L			10/06/16 09:03	1
Benzene	0.090	U	1.0	0.090	ug/L			10/06/16 09:03	1
Freon TF	0.34	U	1.0	0.34	ug/L			10/06/16 09:03	1
Styrene	0.17	U	1.0	0.17	ug/L			10/06/16 09:03	1
Bromoform	0.18	U	1.0	0.18	ug/L			10/06/16 09:03	1
Cyclohexane	0.26	U	1.0	0.26	ug/L			10/06/16 09:03	1
Carbon tetrachloride	0.33	U	1.0	0.33	ug/L			10/06/16 09:03	1
Chlorobenzene	0.24	U	1.0	0.24	ug/L			10/06/16 09:03	1
1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19	ug/L			10/06/16 09:03	1
1,2,4-Trichlorobenzene	0.27	U	1.0	0.27	ug/L			10/06/16 09:03	1
1,2,3-Trichlorobenzene	0.35	U	1.0	0.35	ug/L			10/06/16 09:03	1
1,2-Dichlorobenzene	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
1,3-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/06/16 09:03	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/06/16 09:03	1
1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23	ug/L			10/06/16 09:03	1
1,1,2-Trichloroethane	0.080	U	1.0	0.080	ug/L			10/06/16 09:03	1
4-Methyl-2-pentanone	0.63	U	5.0	0.63	ug/L			10/06/16 09:03	1
p-Dioxane	8.7	U	50	8.7	ug/L			10/06/16 09:03	1
1,2-Dichloroethane	0.25	U	1.0	0.25	ug/L			10/06/16 09:03	1
2-Butanone	2.2	U	5.0	2.2	ug/L			10/06/16 09:03	1
1,1-Dichloroethane	0.24	U	1.0	0.24	ug/L			10/06/16 09:03	1
2-Hexanone	0.72	U	5.0	0.72	ug/L			10/06/16 09:03	1
MTBE	0.13	U	1.0	0.13	ug/L			10/06/16 09:03	1
Tetrachloroethene	0.12	U	1.0	0.12	ug/L			10/06/16 09:03	1
Isopropylbenzene	0.32	U	1.0	0.32	ug/L			10/06/16 09:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/06/16 09:03	1
Bromodichloromethane	0.15	U	1.0	0.15	ug/L			10/06/16 09:03	1
Dichlorodifluoromethane	0.14	U	1.0	0.14	ug/L			10/06/16 09:03	1

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-395281/8
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.58	U	5.0	0.58	ug/L			10/06/16 09:03	1
trans-1,3-Dichloropropene	0.19	U	1.0	0.19	ug/L			10/06/16 09:03	1
trans-1,2-Dichloroethene	0.18	U	1.0	0.18	ug/L			10/06/16 09:03	1
cis-1,2-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/06/16 09:03	1
cis-1,3-Dichloropropene	0.16	U	1.0	0.16	ug/L			10/06/16 09:03	1
Xylenes, Total	0.28	U	2.0	0.28	ug/L			10/06/16 09:03	1
Trichloroethene	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
Methylcyclohexane	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
1,1,1-Trichloroethane	0.28	U	1.0	0.28	ug/L			10/06/16 09:03	1
1,2-Dichloropropane	0.18	U	1.0	0.18	ug/L			10/06/16 09:03	1
Dibromochloromethane	0.22	U	1.0	0.22	ug/L			10/06/16 09:03	1
1,2-Dibromoethane	0.19	U	1.0	0.19	ug/L			10/06/16 09:03	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*10/06/16 09:03*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*48 - 130*		*10/06/16 09:03*	*1*
Toluene-d8 (Surr)	*115*		*80 - 120*		*10/06/16 09:03*	*1*
Bromofluorobenzene	*100*		*71 - 131*		*10/06/16 09:03*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 120*		*10/06/16 09:03*	*1*

Lab Sample ID: LCS 460-395281/4
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethyl Chloride	20.0	19.8		ug/L		99	14 - 230
Vinyl chloride	20.0	20.6		ug/L		103	0 - 251
Bromomethane	20.0	20.8		ug/L		104	0 - 242
Chloromethane	20.0	19.5		ug/L		97	0 - 273
Acetone	100	84.7		ug/L		85	48 - 143
Carbon disulfide	20.0	23.1		ug/L		115	51 - 144
Methylene Chloride	20.0	24.4		ug/L		122	0 - 221
Trichlorofluoromethane	20.0	39.5	*	ug/L		197	17 - 181
1,1-Dichloroethene	20.0	24.3		ug/L		122	0 - 234
Chloroform	20.0	20.8		ug/L		104	51 - 138
Toluene	20.0	21.2		ug/L		106	78 - 120
Benzene	20.0	21.9		ug/L		109	37 - 151
Freon TF	20.0	32.5	*	ug/L		163	48 - 150
Styrene	20.0	19.1		ug/L		96	80 - 126
Bromoform	20.0	15.4		ug/L		77	45 - 169
Cyclohexane	20.0	30.1	*	ug/L		151	59 - 150
Carbon tetrachloride	20.0	22.3		ug/L		112	70 - 140
Chlorobenzene	20.0	20.1		ug/L		100	37 - 160
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/L		110	46 - 147
1,2,4-Trichlorobenzene	20.0	18.8		ug/L		94	64 - 124

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-395281/4
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	20.0	18.5		ug/L		92	56 - 136
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	18 - 190
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	59 - 156
1,4-Dichlorobenzene	20.0	19.5		ug/L		97	18 - 190
1,2-Dibromo-3-Chloropropane	20.0	18.2		ug/L		91	48 - 129
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	52 - 150
4-Methyl-2-pentanone	100	95.8		ug/L		96	73 - 124
p-Dioxane	400	378		ug/L		94	71 - 150
1,2-Dichloroethane	20.0	21.0		ug/L		105	49 - 155
2-Butanone	100	86.4		ug/L		86	57 - 144
1,1-Dichloroethane	20.0	23.2		ug/L		116	59 - 155
2-Hexanone	100	91.9		ug/L		92	60 - 137
MTBE	20.0	24.3		ug/L		122	63 - 128
Tetrachloroethene	20.0	19.7		ug/L		99	78 - 121
Isopropylbenzene	20.0	20.4		ug/L		102	80 - 120
Ethylbenzene	20.0	20.1		ug/L		101	37 - 162
Bromodichloromethane	20.0	20.2		ug/L		101	35 - 155
Dichlorodifluoromethane	20.0	25.1		ug/L		125	50 - 127
Methyl acetate	100	92.4		ug/L		92	39 - 150
trans-1,3-Dichloropropene	20.0	20.9		ug/L		104	17 - 183
trans-1,2-Dichloroethene	20.0	23.0		ug/L		115	54 - 156
cis-1,2-Dichloroethene	20.0	21.1		ug/L		105	80 - 120
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	0 - 227
Xylenes, Total	40.0	40.1		ug/L		100	80 - 120
Trichloroethene	20.0	20.5		ug/L		103	71 - 157
Methylcyclohexane	20.0	28.9		ug/L		145	77 - 150
1,1,1-Trichloroethane	20.0	22.1		ug/L		111	52 - 162
1,2-Dichloropropane	20.0	21.2		ug/L		106	0 - 210
Dibromochloromethane	20.0	18.2		ug/L		91	53 - 149
1,2-Dibromoethane	20.0	19.3		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*48 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-395281/5
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Chloride	20.0	19.5		ug/L		98	14 - 230	1	30
Vinyl chloride	20.0	21.4		ug/L		107	0 - 251	4	30
Bromomethane	20.0	21.8		ug/L		109	0 - 242	5	30
Chloromethane	20.0	20.6		ug/L		103	0 - 273	5	30
Acetone	100	82.5		ug/L		83	48 - 143	3	30
Carbon disulfide	20.0	22.3		ug/L		111	51 - 144	3	30

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-395281/5
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	20.0	23.5		ug/L		117	0 - 221	4	30
Trichlorofluoromethane	20.0	38.6	*	ug/L		193	17 - 181	2	30
1,1-Dichloroethene	20.0	23.5		ug/L		118	0 - 234	3	30
Chloroform	20.0	20.5		ug/L		102	51 - 138	2	30
Toluene	20.0	20.6		ug/L		103	78 - 120	3	30
Benzene	20.0	21.5		ug/L		107	37 - 151	2	30
Freon TF	20.0	30.8	*	ug/L		154	48 - 150	5	30
Styrene	20.0	18.6		ug/L		93	80 - 126	3	30
Bromoform	20.0	14.6		ug/L		73	45 - 169	5	30
Cyclohexane	20.0	29.3		ug/L		147	59 - 150	3	30
Carbon tetrachloride	20.0	21.2		ug/L		106	70 - 140	5	30
Chlorobenzene	20.0	19.6		ug/L		98	37 - 160	2	30
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		105	46 - 147	5	30
1,2,4-Trichlorobenzene	20.0	18.4		ug/L		92	64 - 124	2	30
1,2,3-Trichlorobenzene	20.0	18.0		ug/L		90	56 - 136	2	30
1,2-Dichlorobenzene	20.0	18.8		ug/L		94	18 - 190	5	30
1,3-Dichlorobenzene	20.0	19.3		ug/L		97	59 - 156	3	30
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	18 - 190	2	30
1,2-Dibromo-3-Chloropropane	20.0	17.2		ug/L		86	48 - 129	5	30
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	52 - 150	3	30
4-Methyl-2-pentanone	100	95.1		ug/L		95	73 - 124	1	30
p-Dioxane	400	369		ug/L		92	71 - 150	2	30
1,2-Dichloroethane	20.0	20.9		ug/L		104	49 - 155	0	30
2-Butanone	100	81.2		ug/L		81	57 - 144	6	30
1,1-Dichloroethane	20.0	22.9		ug/L		115	59 - 155	1	30
2-Hexanone	100	90.2		ug/L		90	60 - 137	2	30
MTBE	20.0	23.9		ug/L		120	63 - 128	1	30
Tetrachloroethene	20.0	19.3		ug/L		97	78 - 121	2	30
Isopropylbenzene	20.0	20.2		ug/L		101	80 - 120	1	30
Ethylbenzene	20.0	19.6		ug/L		98	37 - 162	3	30
Bromodichloromethane	20.0	19.4		ug/L		97	35 - 155	4	30
Dichlorodifluoromethane	20.0	25.2		ug/L		126	50 - 127	1	30
Methyl acetate	100	89.5		ug/L		89	39 - 150	3	30
trans-1,3-Dichloropropene	20.0	20.1		ug/L		100	17 - 183	4	30
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	54 - 156	5	30
cis-1,2-Dichloroethene	20.0	20.3		ug/L		101	80 - 120	4	30
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	0 - 227	5	30
Xylenes, Total	40.0	38.8		ug/L		97	80 - 120	3	30
Trichloroethene	20.0	19.8		ug/L		99	71 - 157	4	30
Methylcyclohexane	20.0	26.3		ug/L		132	77 - 150	9	30
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	52 - 162	4	30
1,2-Dichloropropane	20.0	20.7		ug/L		104	0 - 210	2	30
Dibromochloromethane	20.0	18.0		ug/L		90	53 - 149	1	30
1,2-Dibromoethane	20.0	19.3		ug/L		96	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*48 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-395281/5
Matrix: Water
Analysis Batch: 395281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Bromofluorobenzene	*92*		*71 - 131*
Dibromofluoromethane (Surr)	*100*		*80 - 120*

Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-394928/1-A
Matrix: Water
Analysis Batch: 396356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	0.12	U	1.0	0.12	ug/L		10/04/16 20:14	10/11/16 17:07	1
1,3-Dichlorobenzene	1.1	U	10	1.1	ug/L		10/04/16 20:14	10/11/16 17:07	1
1,4-Dichlorobenzene	0.66	U	10	0.66	ug/L		10/04/16 20:14	10/11/16 17:07	1
1,2-Dichlorobenzene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 17:07	1
N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83	ug/L		10/04/16 20:14	10/11/16 17:07	1
Hexachloroethane	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 17:07	1
Nitrobenzene	0.49	U	1.0	0.49	ug/L		10/04/16 20:14	10/11/16 17:07	1
Isophorone	0.67	U	10	0.67	ug/L		10/04/16 20:14	10/11/16 17:07	1
Bis(2-chloroethoxy)methane	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 17:07	1
1,2,4-Trichlorobenzene	0.61	U	1.0	0.61	ug/L		10/04/16 20:14	10/11/16 17:07	1
Naphthalene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 17:07	1
4-Chloroaniline	0.73	U	10	0.73	ug/L		10/04/16 20:14	10/11/16 17:07	1
Hexachlorobutadiene	0.76	U	1.0	0.76	ug/L		10/04/16 20:14	10/11/16 17:07	1
2-Methylnaphthalene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 17:07	1
Hexachlorocyclopentadiene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 17:07	1
2-Chloronaphthalene	0.61	U	10	0.61	ug/L		10/04/16 20:14	10/11/16 17:07	1
2-Nitroaniline	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 17:07	1
Dimethyl phthalate	0.98	U	10	0.98	ug/L		10/04/16 20:14	10/11/16 17:07	1
Acenaphthylene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 17:07	1
2,6-Dinitrotoluene	0.88	U	2.0	0.88	ug/L		10/04/16 20:14	10/11/16 17:07	1
3-Nitroaniline	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 17:07	1
Acenaphthene	0.88	U	10	0.88	ug/L		10/04/16 20:14	10/11/16 17:07	1
Dibenzofuran	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 17:07	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		10/04/16 20:14	10/11/16 17:07	1
Diethyl phthalate	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 17:07	1
4-Chlorophenyl phenyl ether	0.96	U	10	0.96	ug/L		10/04/16 20:14	10/11/16 17:07	1
Fluorene	0.80	U	10	0.80	ug/L		10/04/16 20:14	10/11/16 17:07	1
4-Nitroaniline	0.48	U	10	0.48	ug/L		10/04/16 20:14	10/11/16 17:07	1
N-Nitrosodiphenylamine	0.74	U	10	0.74	ug/L		10/04/16 20:14	10/11/16 17:07	1
4-Bromophenyl phenyl ether	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 17:07	1
Hexachlorobenzene	0.47	U	1.0	0.47	ug/L		10/04/16 20:14	10/11/16 17:07	1
Phenanthrene	0.65	U	10	0.65	ug/L		10/04/16 20:14	10/11/16 17:07	1
Anthracene	0.57	U	10	0.57	ug/L		10/04/16 20:14	10/11/16 17:07	1
Carbazole	0.85	U	10	0.85	ug/L		10/04/16 20:14	10/11/16 17:07	1
Di-n-butyl phthalate	0.82	U	10	0.82	ug/L		10/04/16 20:14	10/11/16 17:07	1
Fluoranthene	0.72	U	10	0.72	ug/L		10/04/16 20:14	10/11/16 17:07	1
Pyrene	0.83	U	10	0.83	ug/L		10/04/16 20:14	10/11/16 17:07	1
Butyl benzyl phthalate	0.60	U	10	0.60	ug/L		10/04/16 20:14	10/11/16 17:07	1

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-394928/1-A
Matrix: Water
Analysis Batch: 396356

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 394928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	1.0	U	10	1.0	ug/L		10/04/16 20:14	10/11/16 17:07	1
Benzo[a]anthracene	0.55	U	1.0	0.55	ug/L		10/04/16 20:14	10/11/16 17:07	1
Chrysene	0.67	U	2.0	0.67	ug/L		10/04/16 20:14	10/11/16 17:07	1
Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72	ug/L		10/04/16 20:14	10/11/16 17:07	1
Di-n-octyl phthalate	0.69	U	10	0.69	ug/L		10/04/16 20:14	10/11/16 17:07	1
Benzo[b]fluoranthene	0.44	U	1.0	0.44	ug/L		10/04/16 20:14	10/11/16 17:07	1
Benzo[k]fluoranthene	0.18	U	1.0	0.18	ug/L		10/04/16 20:14	10/11/16 17:07	1
Benzo[a]pyrene	0.16	U	1.0	0.16	ug/L		10/04/16 20:14	10/11/16 17:07	1
Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21	ug/L		10/04/16 20:14	10/11/16 17:07	1
Dibenz(a,h)anthracene	0.090	U	1.0	0.090	ug/L		10/04/16 20:14	10/11/16 17:07	1
Benzo[g,h,i]perylene	0.75	U	10	0.75	ug/L		10/04/16 20:14	10/11/16 17:07	1
bis (2-chloroisopropyl) ether	0.93	U	10	0.93	ug/L		10/04/16 20:14	10/11/16 17:07	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*10/04/16 20:14*	*10/11/16 17:07*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*57*		*49 - 125*	*10/04/16 20:14*	*10/11/16 17:07*	*1*
Terphenyl-d14	*54*		*28 - 150*	*10/04/16 20:14*	*10/11/16 17:07*	*1*
2-Fluorobiphenyl	*50*		*44 - 129*	*10/04/16 20:14*	*10/11/16 17:07*	*1*

Lab Sample ID: LCS 460-394928/2-A
Matrix: Water
Analysis Batch: 396356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethyl)ether	80.0	49.4		ug/L		62	12 - 158
1,3-Dichlorobenzene	80.0	41.0		ug/L		51	0.1 - 172
1,4-Dichlorobenzene	80.0	41.9		ug/L		52	20 - 124
1,2-Dichlorobenzene	80.0	41.8		ug/L		52	32 - 129
N-Nitrosodi-n-propylamine	80.0	55.6		ug/L		69	0.1 - 230
Hexachloroethane	80.0	33.1		ug/L		41	40 - 113
Nitrobenzene	80.0	51.8		ug/L		65	35 - 180
Isophorone	80.0	50.1		ug/L		63	21 - 196
Bis(2-chloroethoxy)methane	80.0	55.5		ug/L		69	33 - 184
1,2,4-Trichlorobenzene	80.0	36.7		ug/L		46	44 - 142
Naphthalene	80.0	49.0		ug/L		61	21 - 133
4-Chloroaniline	80.0	57.8		ug/L		72	49 - 117
Hexachlorobutadiene	80.0	40.1		ug/L		50	24 - 116
2-Methylnaphthalene	80.0	48.8		ug/L		61	56 - 113
Hexachlorocyclopentadiene	80.0	35.0		ug/L		44	27 - 124
2-Chloronaphthalene	80.0	47.3	*	ug/L		59	60 - 118
2-Nitroaniline	80.0	44.6		ug/L		56	54 - 128
Dimethyl phthalate	80.0	59.3		ug/L		74	0.1 - 112
Acenaphthylene	80.0	50.7		ug/L		63	33 - 145
2,6-Dinitrotoluene	80.0	64.0		ug/L		80	50 - 158
3-Nitroaniline	80.0	57.7		ug/L		72	51 - 130

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-394928/2-A
Matrix: Water
Analysis Batch: 396356

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 394928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	80.0	48.5		ug/L		61	47 - 145
Dibenzofuran	80.0	50.2		ug/L		63	59 - 121
2,4-Dinitrotoluene	80.0	63.1		ug/L		79	39 - 139
Diethyl phthalate	80.0	57.3		ug/L		72	0.1 - 114
4-Chlorophenyl phenyl ether	80.0	50.1		ug/L		63	25 - 158
Fluorene	80.0	48.2		ug/L		60	59 - 121
4-Nitroaniline	80.0	51.3		ug/L		64	48 - 136
N-Nitrosodiphenylamine	80.0	67.0		ug/L		84	53 - 130
4-Bromophenyl phenyl ether	80.0	59.1		ug/L		74	53 - 127
Hexachlorobenzene	80.0	63.5		ug/L		79	0.1 - 152
Phenanthrene	80.0	60.5		ug/L		76	54 - 120
Anthracene	80.0	57.7		ug/L		72	27 - 133
Carbazole	80.0	63.6		ug/L		80	64 - 129
Di-n-butyl phthalate	80.0	60.1		ug/L		75	1 - 118
Fluoranthene	80.0	55.5		ug/L		69	26 - 137
Pyrene	80.0	53.4		ug/L		67	52 - 115
Butyl benzyl phthalate	80.0	65.3		ug/L		82	0.1 - 152
3,3'-Dichlorobenzidine	80.0	72.9		ug/L		91	0.1 - 262
Benzo[a]anthracene	80.0	55.9		ug/L		70	33 - 143
Chrysene	80.0	62.3		ug/L		78	17 - 168
Bis(2-ethylhexyl) phthalate	80.0	64.1		ug/L		80	8 - 158
Di-n-octyl phthalate	80.0	49.9		ug/L		62	4 - 146
Benzo[b]fluoranthene	80.0	56.6		ug/L		71	24 - 159
Benzo[k]fluoranthene	80.0	48.1		ug/L		60	11 - 162
Benzo[a]pyrene	80.0	62.2		ug/L		78	17 - 163
Indeno[1,2,3-cd]pyrene	80.0	80.4		ug/L		100	0.1 - 171
Dibenz(a,h)anthracene	80.0	78.7		ug/L		98	0.1 - 227
Benzo[g,h,i]perylene	80.0	81.8		ug/L		102	0.1 - 219
bis (2-chloroisopropyl) ether	80.0	51.4		ug/L		64	36 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*62*		*49 - 125*
Terphenyl-d14	*56*		*28 - 150*
2-Fluorobiphenyl	*58*		*44 - 129*

Lab Sample ID: LCSD 460-394928/3-A
Matrix: Water
Analysis Batch: 396356

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394928

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	80.0	54.2		ug/L		68	12 - 158	9	40
1,3-Dichlorobenzene	80.0	42.1		ug/L		53	0.1 - 172	3	40
1,4-Dichlorobenzene	80.0	42.9		ug/L		54	20 - 124	2	40
1,2-Dichlorobenzene	80.0	43.1		ug/L		54	32 - 129	3	40
N-Nitrosodi-n-propylamine	80.0	59.0		ug/L		74	0.1 - 230	6	40
Hexachloroethane	80.0	34.7		ug/L		43	40 - 113	5	40
Nitrobenzene	80.0	51.7		ug/L		65	35 - 180	0	40
Isophorone	80.0	52.3		ug/L		65	21 - 196	4	40

Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-394928/3-A
Matrix: Water
Analysis Batch: 396356

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 394928

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane			80.0	56.9		ug/L		71	33 - 184	3	40
1,2,4-Trichlorobenzene			80.0	37.1		ug/L		46	44 - 142	1	40
Naphthalene			80.0	49.0		ug/L		61	21 - 133	0	40
4-Chloroaniline			80.0	57.7		ug/L		72	49 - 117	0	40
Hexachlorobutadiene			80.0	39.1		ug/L		49	24 - 116	2	40
2-Methylnaphthalene			80.0	47.9		ug/L		60	56 - 113	2	40
Hexachlorocyclopentadiene			80.0	36.4		ug/L		45	27 - 124	4	40
2-Chloronaphthalene			80.0	49.0		ug/L		61	60 - 118	3	40
2-Nitroaniline			80.0	46.1		ug/L		58	54 - 128	3	40
Dimethyl phthalate			80.0	56.5		ug/L		71	0.1 - 112	5	40
Acenaphthylene			80.0	53.6		ug/L		67	33 - 145	6	40
2,6-Dinitrotoluene			80.0	63.4		ug/L		79	50 - 158	1	40
3-Nitroaniline			80.0	57.6		ug/L		72	51 - 130	0	40
Acenaphthene			80.0	48.3		ug/L		60	47 - 145	1	40
Dibenzofuran			80.0	48.0		ug/L		60	59 - 121	4	40
2,4-Dinitrotoluene			80.0	62.5		ug/L		78	39 - 139	1	40
Diethyl phthalate			80.0	57.6		ug/L		72	0.1 - 114	1	40
4-Chlorophenyl phenyl ether			80.0	51.6		ug/L		64	25 - 158	3	40
Fluorene			80.0	49.5		ug/L		62	59 - 121	3	40
4-Nitroaniline			80.0	50.6		ug/L		63	48 - 136	1	40
N-Nitrosodiphenylamine			80.0	70.0		ug/L		87	53 - 130	4	40
4-Bromophenyl phenyl ether			80.0	62.6		ug/L		78	53 - 127	6	40
Hexachlorobenzene			80.0	64.4		ug/L		80	0.1 - 152	1	40
Phenanthrene			80.0	59.5		ug/L		74	54 - 120	2	40
Anthracene			80.0	57.1		ug/L		71	27 - 133	1	40
Carbazole			80.0	58.8		ug/L		74	64 - 129	8	40
Di-n-butyl phthalate			80.0	59.2		ug/L		74	1 - 118	1	40
Fluoranthene			80.0	55.8		ug/L		70	26 - 137	1	40
Pyrene			80.0	52.2		ug/L		65	52 - 115	2	40
Butyl benzyl phthalate			80.0	67.0		ug/L		84	0.1 - 152	3	40
3,3'-Dichlorobenzidine			80.0	77.6		ug/L		97	0.1 - 262	6	40
Benzo[a]anthracene			80.0	59.1		ug/L		74	33 - 143	6	40
Chrysene			80.0	63.3		ug/L		79	17 - 168	2	40
Bis(2-ethylhexyl) phthalate			80.0	64.2		ug/L		80	8 - 158	0	40
Di-n-octyl phthalate			80.0	53.0		ug/L		66	4 - 146	6	40
Benzo[b]fluoranthene			80.0	55.6		ug/L		70	24 - 159	2	40
Benzo[k]fluoranthene			80.0	61.0		ug/L		76	11 - 162	24	40
Benzo[a]pyrene			80.0	63.2		ug/L		79	17 - 163	2	40
Indeno[1,2,3-cd]pyrene			80.0	89.8		ug/L		112	0.1 - 171	11	40
Dibenz(a,h)anthracene			80.0	82.7		ug/L		103	0.1 - 227	5	40
Benzo[g,h,i]perylene			80.0	85.4		ug/L		107	0.1 - 219	4	40
bis (2-chloroisopropyl) ether			80.0	59.1		ug/L		74	36 - 166	14	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*64*		*49 - 125*
Terphenyl-d14	*61*		*28 - 150*
2-Fluorobiphenyl	*60*		*44 - 129*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-394557/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394836 — **Prep Batch: 394557**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1221	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1232	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1242	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1248	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1254	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1260	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1262	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1
Aroclor 1268	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/04/16 14:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/03/16 13:55*	*10/04/16 14:24*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/03/16 13:55*	*10/04/16 14:24*	*1*

Lab Sample ID: LCS 460-394557/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394836 — **Prep Batch: 394557**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	4.00	4.00		ug/L		100	77 - 150
Aroclor 1016	4.00	4.34		ug/L		109	77 - 150
Aroclor 1260	4.00	4.30		ug/L		108	80 - 150
Aroclor 1260	4.00	4.67		ug/L		117	80 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*95*		*10 - 150*
DCB Decachlorobiphenyl	*100*		*10 - 150*

Lab Sample ID: LCSD 460-394557/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 394836 — **Prep Batch: 394557**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016	4.00	3.59		ug/L		90	77 - 150	11	30
Aroclor 1016	4.00	3.86		ug/L		97	77 - 150	12	30
Aroclor 1260	4.00	3.92		ug/L		98	80 - 150	9	30
Aroclor 1260	4.00	4.24		ug/L		106	80 - 150	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*87*		*10 - 150*
DCB Decachlorobiphenyl	*91*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA

Lab Sample ID: MB 460-394557/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 395004 — **Prep Batch: 394557**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1221 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1232 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1242 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1248 - RA	0.098	U	0.40	0.098	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1254 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1260 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1262 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1
Aroclor 1268 - RA	0.084	U	0.40	0.084	ug/L		10/03/16 13:55	10/05/16 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl - RA	*105*		*10 - 150*	*10/03/16 13:55*	*10/05/16 10:44*	*1*
DCB Decachlorobiphenyl - RA	*110*		*10 - 150*	*10/03/16 13:55*	*10/05/16 10:44*	*1*

Lab Sample ID: LCS 460-394557/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 395004 — **Prep Batch: 394557**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016 - RA	4.00	3.87		ug/L		97	77 - 150
Aroclor 1016 - RA	4.00	4.08		ug/L		102	77 - 150
Aroclor 1260 - RA	4.00	4.26		ug/L		107	80 - 150
Aroclor 1260 - RA	4.00	4.54		ug/L		114	80 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl - RA	*94*		*10 - 150*
DCB Decachlorobiphenyl - RA	*99*		*10 - 150*

Lab Sample ID: LCSD 460-394557/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 395004 — **Prep Batch: 394557**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016 - RA	4.00	3.57		ug/L		89	77 - 150	8	30
Aroclor 1016 - RA	4.00	3.77		ug/L		94	77 - 150	8	30
Aroclor 1260 - RA	4.00	3.78		ug/L		94	80 - 150	12	30
Aroclor 1260 - RA	4.00	4.04		ug/L		101	80 - 150	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl - RA	*85*		*10 - 150*
DCB Decachlorobiphenyl - RA	*88*		*10 - 150*

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-395679/1
Matrix: Water
Analysis Batch: 395679

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.0	U	10.0	10.0	mg/L			10/07/16 12:30	1

Lab Sample ID: LCSSRM 460-395679/2
Matrix: Water
Analysis Batch: 395679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	274	242.0		mg/L		88.3	84.3 - 109.9

Lab Sample ID: 460-121157-C-1 DU
Matrix: Water
Analysis Batch: 395679

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	486		458.0	F3	mg/L		6	5

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 460-395047/1
Matrix: Water
Analysis Batch: 395047

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			10/05/16 08:59	1

Lab Sample ID: LCSSRM 460-395047/2
Matrix: Water
Analysis Batch: 395047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	79.0	74.00		mg/L		93.7	82.7 - 107.0

Lab Sample ID: 460-121104-A-7 DU
Matrix: Water
Analysis Batch: 395047

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	320		316.7		mg/L		1	5

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

GC/MS VOA

Analysis Batch: 395000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1	MW-14	Total/NA	Water	624	
460-121208-2	MW-9	Total/NA	Water	624	
460-121208-4	MW-22	Total/NA	Water	624	
460-121208-5	MW-18	Total/NA	Water	624	
460-121208-6	MW-18 Filtered	Total/NA	Water	624	
460-121208-7	FB_20160930	Total/NA	Water	624	
460-121208-8	Trip Blank	Total/NA	Water	624	
MB 460-395000/8	Method Blank	Total/NA	Water	624	
LCS 460-395000/4	Lab Control Sample	Total/NA	Water	624	
460-121202-B-2 MS	Matrix Spike	Total/NA	Water	624	
460-121202-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	624	

Analysis Batch: 395281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-3	MW-14 Filtered	Total/NA	Water	624	
MB 460-395281/8	Method Blank	Total/NA	Water	624	
LCS 460-395281/4	Lab Control Sample	Total/NA	Water	624	
LCSD 460-395281/5	Lab Control Sample Dup	Total/NA	Water	624	

GC/MS Semi VOA

Prep Batch: 394928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1	MW-14	Total/NA	Water	625	
460-121208-2	MW-9	Total/NA	Water	625	
460-121208-3	MW-14 Filtered	Total/NA	Water	625	
460-121208-4	MW-22	Total/NA	Water	625	
460-121208-5	MW-18	Total/NA	Water	625	
460-121208-6	MW-18 Filtered	Total/NA	Water	625	
460-121208-7	FB_20160930	Total/NA	Water	625	
MB 460-394928/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-394928/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-394928/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 396356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1	MW-14	Total/NA	Water	625	394928
460-121208-2	MW-9	Total/NA	Water	625	394928
460-121208-3	MW-14 Filtered	Total/NA	Water	625	394928
460-121208-4	MW-22	Total/NA	Water	625	394928
460-121208-5	MW-18	Total/NA	Water	625	394928
460-121208-6	MW-18 Filtered	Total/NA	Water	625	394928
460-121208-7	FB_20160930	Total/NA	Water	625	394928
MB 460-394928/1-A	Method Blank	Total/NA	Water	625	394928
LCS 460-394928/2-A	Lab Control Sample	Total/NA	Water	625	394928
LCSD 460-394928/3-A	Lab Control Sample Dup	Total/NA	Water	625	394928

GC Semi VOA

Prep Batch: 394557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1 - DL	MW-14	Total/NA	Water	3510C	
460-121208-2	MW-9	Total/NA	Water	3510C	
460-121208-3	MW-14 Filtered	Total/NA	Water	3510C	
460-121208-4	MW-22	Total/NA	Water	3510C	
460-121208-5 - DL	MW-18	Total/NA	Water	3510C	
460-121208-6	MW-18 Filtered	Total/NA	Water	3510C	
460-121208-7	FB_20160930	Total/NA	Water	3510C	
MB 460-394557/1-A - RA	Method Blank	Total/NA	Water	3510C	
MB 460-394557/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-394557/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 460-394557/2-A - RA	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-394557/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 460-394557/3-A - RA	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 394836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-7	FB_20160930	Total/NA	Water	8082A	394557
MB 460-394557/1-A	Method Blank	Total/NA	Water	8082A	394557
LCS 460-394557/2-A	Lab Control Sample	Total/NA	Water	8082A	394557
LCSD 460-394557/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	394557

Analysis Batch: 395004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1 - DL	MW-14	Total/NA	Water	8082A	394557
460-121208-2	MW-9	Total/NA	Water	8082A	394557
460-121208-3	MW-14 Filtered	Total/NA	Water	8082A	394557
460-121208-4	MW-22	Total/NA	Water	8082A	394557
460-121208-5 - DL	MW-18	Total/NA	Water	8082A	394557
460-121208-6	MW-18 Filtered	Total/NA	Water	8082A	394557
MB 460-394557/1-A - RA	Method Blank	Total/NA	Water	8082A	394557
LCS 460-394557/2-A - RA	Lab Control Sample	Total/NA	Water	8082A	394557
LCSD 460-394557/3-A - RA	Lab Control Sample Dup	Total/NA	Water	8082A	394557

General Chemistry

Analysis Batch: 395047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1	MW-14	Total/NA	Water	SM 2540D	
460-121208-2	MW-9	Total/NA	Water	SM 2540D	
460-121208-3	MW-14 Filtered	Total/NA	Water	SM 2540D	
460-121208-4	MW-22	Total/NA	Water	SM 2540D	
460-121208-5	MW-18	Total/NA	Water	SM 2540D	
460-121208-6	MW-18 Filtered	Total/NA	Water	SM 2540D	
460-121208-7	FB_20160930	Total/NA	Water	SM 2540D	
MB 460-395047/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-395047/2	Lab Control Sample	Total/NA	Water	SM 2540D	
460-121104-A-7 DU	Duplicate	Total/NA	Water	SM 2540D	

General Chemistry (Continued)

Analysis Batch: 395679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-121208-1	MW-14	Total/NA	Water	SM 2540C	
460-121208-2	MW-9	Total/NA	Water	SM 2540C	
460-121208-3	MW-14 Filtered	Total/NA	Water	SM 2540C	
460-121208-4	MW-22	Total/NA	Water	SM 2540C	
460-121208-5	MW-18	Total/NA	Water	SM 2540C	
460-121208-6	MW-18 Filtered	Total/NA	Water	SM 2540C	
460-121208-7	FB_20160930	Total/NA	Water	SM 2540C	
MB 460-395679/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-395679/2	Lab Control Sample	Total/NA	Water	SM 2540C	
460-121157-C-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Client Sample ID: MW-14
Date Collected: 09/30/16 09:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 23:11	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/12/16 00:50	BAW	TAL EDI
Total/NA	Prep	3510C	DL		394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A	DL	5	395004	10/05/16 11:43	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: MW-9
Date Collected: 09/30/16 09:05
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 22:45	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/11/16 18:48	BAW	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	395004	10/05/16 11:58	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: MW-14 Filtered
Date Collected: 09/30/16 09:10
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395281	10/06/16 09:36	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/11/16 20:48	BAW	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	395004	10/05/16 12:47	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: MW-22
Date Collected: 09/30/16 10:35
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 21:53	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/11/16 19:08	BAW	TAL EDI

Client Sample ID: MW-22
Date Collected: 09/30/16 10:35
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	395004	10/05/16 13:01	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: MW-18
Date Collected: 09/30/16 10:50
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 21:28	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/11/16 19:28	BAW	TAL EDI
Total/NA	Prep	3510C	DL		394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A	DL	10	395004	10/05/16 13:58	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: MW-18 Filtered
Date Collected: 09/30/16 11:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 21:02	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/11/16 19:48	BAW	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	395004	10/05/16 13:31	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: FB_20160930
Date Collected: 09/30/16 11:45
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 20:36	CJM	TAL EDI
Total/NA	Prep	625			394928	10/04/16 20:14	RAR	TAL EDI
Total/NA	Analysis	625		1	396356	10/11/16 20:08	BAW	TAL EDI
Total/NA	Prep	3510C			394557	10/03/16 13:55	KVR	TAL EDI
Total/NA	Analysis	8082A		1	394836	10/04/16 20:28	JHP	TAL EDI
Total/NA	Analysis	SM 2540C		1	395679	10/07/16 12:30	PLS	TAL EDI

Client Sample ID: FB_20160930
Date Collected: 09/30/16 11:45
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	395047	10/05/16 08:59	PLS	TAL EDI

Client Sample ID: Trip Blank
Date Collected: 09/30/16 00:00
Date Received: 09/30/16 21:00

Lab Sample ID: 460-121208-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	395000	10/05/16 20:10	CJM	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-121208-1

Laboratory: TestAmerica Edison

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	12028	06-30-17

Method 624

Volatile Organic Compounds (GC/MS) by Method 624

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-14	460-121208-1	99	100	102	90
MW-9	460-121208-2	109	112	112	96
MW-14 Filtered	460-121208-3	102	105	105	91
MW-22	460-121208-4	97	99	99	86
MW-18	460-121208-5	100	101	104	91
MW-18 Filtered	460-121208-6	99	101	102	90
FB_20160930	460-121208-7	99	101	101	86
Trip Blank	460-121208-8	97	100	100	89
	MB 460-395000/8	102	103	101	93
	MB 460-395281/8	112	116	115	100
	LCS 460-395000/4	103	107	103	91
	LCS 460-395281/4	100	105	102	92
	LCSD 460-395281/5	100	108	102	92
	460-121202-B-2 MS	95	99	97	88
	460-121202-B-2 MSD	103	105	104	92

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	80-120
DCA = 1,2-Dichloroethane-d4 (Surr)	48-130
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	71-131

Column to be used to flag recovery values

FORM II 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60662.D

Lab ID: LCS 460-395000/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethyl Chloride	20.0	16.4	82	14-230	
Vinyl chloride	20.0	21.3	107	0-251	
Bromomethane	20.0	19.9	99	0-242	
Chloromethane	20.0	20.3	102	0-273	
Acetone	100	79.8	80	48-143	
Carbon disulfide	20.0	22.3	112	51-144	
Methylene Chloride	20.0	22.9	114	0-221	
Trichlorofluoromethane	20.0	35.5	177	17-181	
1,1-Dichloroethene	20.0	23.5	117	0-234	
Chloroform	20.0	20.3	102	51-138	
Toluene	20.0	20.2	101	78-120	
Benzene	20.0	20.4	102	37-151	
Freon TF	20.0	31.3	156	48-150	*
Styrene	20.0	17.6	88	80-126	
Bromoform	20.0	15.3	77	45-169	
Cyclohexane	20.0	28.7	144	59-150	
Carbon tetrachloride	20.0	21.5	107	70-140	
Chlorobenzene	20.0	19.3	97	37-160	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	46-147	
1,2,4-Trichlorobenzene	20.0	18.3	91	64-124	
1,2,3-Trichlorobenzene	20.0	18.1	90	56-136	
1,2-Dichlorobenzene	20.0	18.8	94	18-190	
1,3-Dichlorobenzene	20.0	18.1	91	59-156	
1,4-Dichlorobenzene	20.0	19.2	96	18-190	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	48-129	
1,1,2-Trichloroethane	20.0	19.8	99	52-150	
4-Methyl-2-pentanone	100	93.8	94	73-124	
p-Dioxane	400	403	101	71-150	
1,2-Dichloroethane	20.0	20.5	102	49-155	
2-Butanone	100	83.5	83	57-144	
1,1-Dichloroethane	20.0	21.9	110	59-155	
2-Hexanone	100	92.1	92	60-137	
MTBE	20.0	23.2	116	63-128	
Tetrachloroethene	20.0	19.7	99	78-121	
Isopropylbenzene	20.0	19.8	99	80-120	
Ethylbenzene	20.0	19.7	98	37-162	
Bromodichloromethane	20.0	19.6	98	35-155	
Dichlorodifluoromethane	20.0	23.4	117	50-127	
Methyl acetate	100	84.6	85	39-150	
trans-1,3-Dichloropropene	20.0	20.1	100	17-183	
trans-1,2-Dichloroethene	20.0	21.9	110	54-156	
cis-1,2-Dichloroethene	20.0	20.2	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60662.D

Lab ID: LCS 460-395000/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	19.8	99	0-227	
Xylenes, Total	40.0	39.0	97	80-120	
Trichloroethene	20.0	20.1	100	71-157	
Methylcyclohexane	20.0	26.7	134	77-150	
1,1,1-Trichloroethane	20.0	20.8	104	52-162	
1,2-Dichloropropane	20.0	20.1	100	0-210	
Dibromochloromethane	20.0	18.2	91	53-149	
1,2-Dibromoethane	20.0	19.4	97	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60713.D

Lab ID: LCS 460-395281/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethyl Chloride	20.0	19.8	99	14-230	
Vinyl chloride	20.0	20.6	103	0-251	
Bromomethane	20.0	20.8	104	0-242	
Chloromethane	20.0	19.5	97	0-273	
Acetone	100	84.7	85	48-143	
Carbon disulfide	20.0	23.1	115	51-144	
Methylene Chloride	20.0	24.4	122	0-221	
Trichlorofluoromethane	20.0	39.5	197	17-181	*
1,1-Dichloroethene	20.0	24.3	122	0-234	
Chloroform	20.0	20.8	104	51-138	
Toluene	20.0	21.2	106	78-120	
Benzene	20.0	21.9	109	37-151	
Freon TF	20.0	32.5	163	48-150	*
Styrene	20.0	19.1	96	80-126	
Bromoform	20.0	15.4	77	45-169	
Cyclohexane	20.0	30.1	151	59-150	*
Carbon tetrachloride	20.0	22.3	112	70-140	
Chlorobenzene	20.0	20.1	100	37-160	
1,1,2,2-Tetrachloroethane	20.0	22.0	110	46-147	
1,2,4-Trichlorobenzene	20.0	18.8	94	64-124	
1,2,3-Trichlorobenzene	20.0	18.5	92	56-136	
1,2-Dichlorobenzene	20.0	19.8	99	18-190	
1,3-Dichlorobenzene	20.0	20.0	100	59-156	
1,4-Dichlorobenzene	20.0	19.5	97	18-190	
1,2-Dibromo-3-Chloropropane	20.0	18.2	91	48-129	
1,1,2-Trichloroethane	20.0	20.4	102	52-150	
4-Methyl-2-pentanone	100	95.8	96	73-124	
p-Dioxane	400	378	94	71-150	
1,2-Dichloroethane	20.0	21.0	105	49-155	
2-Butanone	100	86.4	86	57-144	
1,1-Dichloroethane	20.0	23.2	116	59-155	
2-Hexanone	100	91.9	92	60-137	
MTBE	20.0	24.3	122	63-128	
Tetrachloroethene	20.0	19.7	99	78-121	
Isopropylbenzene	20.0	20.4	102	80-120	
Ethylbenzene	20.0	20.1	101	37-162	
Bromodichloromethane	20.0	20.2	101	35-155	
Dichlorodifluoromethane	20.0	25.1	125	50-127	
Methyl acetate	100	92.4	92	39-150	
trans-1,3-Dichloropropene	20.0	20.9	104	17-183	
trans-1,2-Dichloroethene	20.0	23.0	115	54-156	
cis-1,2-Dichloroethene	20.0	21.1	105	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60713.D

Lab ID: LCS 460-395281/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	20.8	104	0-227	
Xylenes, Total	40.0	40.1	100	80-120	
Trichloroethene	20.0	20.5	103	71-157	
Methylcyclohexane	20.0	28.9	145	77-150	
1,1,1-Trichloroethane	20.0	22.1	111	52-162	
1,2-Dichloropropane	20.0	21.2	106	0-210	
Dibromochloromethane	20.0	18.2	91	53-149	
1,2-Dibromoethane	20.0	19.3	97	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60714.D

Lab ID: LCSD 460-395281/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethyl Chloride	20.0	19.5	98	1	30	14-230	
Vinyl chloride	20.0	21.4	107	4	30	0-251	
Bromomethane	20.0	21.8	109	5	30	0-242	
Chloromethane	20.0	20.6	103	5	30	0-273	
Acetone	100	82.5	83	3	30	48-143	
Carbon disulfide	20.0	22.3	111	3	30	51-144	
Methylene Chloride	20.0	23.5	117	4	30	0-221	
Trichlorofluoromethane	20.0	38.6	193	2	30	17-181	*
1,1-Dichloroethene	20.0	23.5	118	3	30	0-234	
Chloroform	20.0	20.5	102	2	30	51-138	
Toluene	20.0	20.6	103	3	30	78-120	
Benzene	20.0	21.5	107	2	30	37-151	
Freon TF	20.0	30.8	154	5	30	48-150	*
Styrene	20.0	18.6	93	3	30	80-126	
Bromoform	20.0	14.6	73	5	30	45-169	
Cyclohexane	20.0	29.3	147	3	30	59-150	
Carbon tetrachloride	20.0	21.2	106	5	30	70-140	
Chlorobenzene	20.0	19.6	98	2	30	37-160	
1,1,2,2-Tetrachloroethane	20.0	20.9	105	5	30	46-147	
1,2,4-Trichlorobenzene	20.0	18.4	92	2	30	64-124	
1,2,3-Trichlorobenzene	20.0	18.0	90	2	30	56-136	
1,2-Dichlorobenzene	20.0	18.8	94	5	30	18-190	
1,3-Dichlorobenzene	20.0	19.3	97	3	30	59-156	
1,4-Dichlorobenzene	20.0	19.1	96	2	30	18-190	
1,2-Dibromo-3-Chloropropane	20.0	17.2	86	5	30	48-129	
1,1,2-Trichloroethane	20.0	19.8	99	3	30	52-150	
4-Methyl-2-pentanone	100	95.1	95	1	30	73-124	
p-Dioxane	400	369	92	2	30	71-150	
1,2-Dichloroethane	20.0	20.9	104	0	30	49-155	
2-Butanone	100	81.2	81	6	30	57-144	
1,1-Dichloroethane	20.0	22.9	115	1	30	59-155	
2-Hexanone	100	90.2	90	2	30	60-137	
MTBE	20.0	23.9	120	1	30	63-128	
Tetrachloroethene	20.0	19.3	97	2	30	78-121	
Isopropylbenzene	20.0	20.2	101	1	30	80-120	
Ethylbenzene	20.0	19.6	98	3	30	37-162	
Bromodichloromethane	20.0	19.4	97	4	30	35-155	
Dichlorodifluoromethane	20.0	25.2	126	1	30	50-127	
Methyl acetate	100	89.5	89	3	30	39-150	
trans-1,3-Dichloropropene	20.0	20.1	100	4	30	17-183	
trans-1,2-Dichloroethene	20.0	21.9	109	5	30	54-156	
cis-1,2-Dichloroethene	20.0	20.3	101	4	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60714.D

Lab ID: LCSD 460-395281/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
cis-1,3-Dichloropropene	20.0	19.8	99	5	30	0-227	
Xylenes, Total	40.0	38.8	97	3	30	80-120	
Trichloroethene	20.0	19.8	99	4	30	71-157	
Methylcyclohexane	20.0	26.3	132	9	30	77-150	
1,1,1-Trichloroethane	20.0	21.2	106	4	30	52-162	
1,2-Dichloropropane	20.0	20.7	104	2	30	0-210	
Dibromochloromethane	20.0	18.0	90	1	30	53-149	
1,2-Dibromoethane	20.0	19.3	96	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60685.D

Lab ID: 460-121202-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Ethyl Chloride	200	0.37 U	244	122	14-230	
Vinyl chloride	200	0.060 U	203	101	0-251	
Bromomethane	200	0.18 U	188	94	0-242	
Chloromethane	200	0.22 U	187	94	0-273	
Acetone	1000	1.1 U	744	74	48-143	
Carbon disulfide	200	0.22 U	210	105	51-144	
Methylene Chloride	200	0.21 U	207	104	0-221	
Trichlorofluoromethane	200	0.15 U	370	185	17-181	F1
1,1-Dichloroethene	200	0.34 U	214	107	0-234	
Chloroform	200	0.22 U	201	100	51-138	
Toluene	200	0.25 U	201	101	78-120	
Benzene	200	0.090 U	214	107	37-151	
Freon TF	200	0.34 U	288	144	48-150	
Styrene	200	0.17 U	184	92	80-126	
Bromoform	200	0.18 U	142	71	45-169	
Cyclohexane	200	0.26 U	279	140	59-150	
Carbon tetrachloride	200	0.33 U	202	101	70-140	
Chlorobenzene	200	0.24 U	189	95	37-160	
1,1,2,2-Tetrachloroethane	200	0.19 U	195	98	46-147	
1,2,4-Trichlorobenzene	200	0.27 U	168	84	64-124	
1,2,3-Trichlorobenzene	200	0.35 U	157	79	56-136	
1,2-Dichlorobenzene	200	0.22 U	185	92	18-190	
1,3-Dichlorobenzene	200	0.33 U	191	96	59-156	
1,4-Dichlorobenzene	200	0.33 U	190	95	18-190	
1,2-Dibromo-3-Chloropropane	200	0.23 U	156	78	48-129	
1,1,2-Trichloroethane	200	0.080 U	192	96	52-150	
4-Methyl-2-pentanone	1000	0.63 U	950	95	73-124	
p-Dioxane	4000	8.7 U	3840	96	71-150	
1,2-Dichloroethane	200	0.25 U	202	101	49-155	
2-Butanone	1000	2.2 U	826	83	57-144	
1,1-Dichloroethane	200	0.24 U	222	111	59-155	
2-Hexanone	1000	0.72 U	881	88	60-137	
MTBE	200	0.67 J	222	111	63-128	
Tetrachloroethene	200	0.12 U	185	92	78-121	
Isopropylbenzene	200	0.32 U	196	98	80-120	
Ethylbenzene	200	0.30 U	196	98	37-162	
Bromodichloromethane	200	0.15 U	191	95	35-155	
Dichlorodifluoromethane	200	0.14 U	237	118	50-127	
Methyl acetate	1000	0.58 U	963	96	39-150	
trans-1,3-Dichloropropene	200	0.19 U	191	96	17-183	
trans-1,2-Dichloroethene	200	0.18 U	208	104	54-156	
cis-1,2-Dichloroethene	200	0.26 U	195	97	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60685.D

Lab ID: 460-121202-B-2 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	0.16 U	193	96	0-227	
Xylenes, Total	400	0.28 U	394	99	80-120	
Trichloroethene	200	0.22 U	192	96	71-157	
Methylcyclohexane	200	0.22 U	260	130	77-150	
1,1,1-Trichloroethane	200	0.28 U	211	105	52-162	
1,2-Dichloropropane	200	0.18 U	203	102	0-210	
Dibromochloromethane	200	0.22 U	176	88	53-149	
1,2-Dibromoethane	200	0.19 U	184	92	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60686.D

Lab ID: 460-121202-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethyl Chloride	200	257	129	5	30	14-230	
Vinyl chloride	200	206	103	2	30	0-251	
Bromomethane	200	209	105	11	30	0-242	
Chloromethane	200	199	99	6	30	0-273	
Acetone	1000	737	74	1	30	48-143	
Carbon disulfide	200	217	109	4	30	51-144	
Methylene Chloride	200	234	117	12	30	0-221	
Trichlorofluoromethane	200	386	193	4	30	17-181	F1
1,1-Dichloroethene	200	222	111	3	30	0-234	
Chloroform	200	205	102	2	30	51-138	
Toluene	200	210	105	4	30	78-120	
Benzene	200	216	108	1	30	37-151	
Freon TF	200	301	150	4	30	48-150	
Styrene	200	186	93	1	30	80-126	
Bromoform	200	145	73	2	30	45-169	
Cyclohexane	200	298	149	6	30	59-150	
Carbon tetrachloride	200	213	106	5	30	70-140	
Chlorobenzene	200	197	99	4	30	37-160	
1,1,2,2-Tetrachloroethane	200	205	103	5	30	46-147	
1,2,4-Trichlorobenzene	200	177	88	5	30	64-124	
1,2,3-Trichlorobenzene	200	168	84	7	30	56-136	
1,2-Dichlorobenzene	200	192	96	4	30	18-190	
1,3-Dichlorobenzene	200	195	98	2	30	59-156	
1,4-Dichlorobenzene	200	188	94	1	30	18-190	
1,2-Dibromo-3-Chloropropane	200	162	81	3	30	48-129	
1,1,2-Trichloroethane	200	198	99	3	30	52-150	
4-Methyl-2-pentanone	1000	970	97	2	30	73-124	
p-Dioxane	4000	3910	98	2	30	71-150	
1,2-Dichloroethane	200	212	106	5	30	49-155	
2-Butanone	1000	826	83	0	30	57-144	
1,1-Dichloroethane	200	223	112	1	30	59-155	
2-Hexanone	1000	894	89	1	30	60-137	
MTBE	200	225	112	1	30	63-128	
Tetrachloroethene	200	192	96	4	30	78-121	
Isopropylbenzene	200	202	101	3	30	80-120	
Ethylbenzene	200	196	98	0	30	37-162	
Bromodichloromethane	200	198	99	4	30	35-155	
Dichlorodifluoromethane	200	247	124	4	30	50-127	
Methyl acetate	1000	959	96	0	30	39-150	
trans-1,3-Dichloropropene	200	198	99	4	30	17-183	
trans-1,2-Dichloroethene	200	215	108	4	30	54-156	
cis-1,2-Dichloroethene	200	205	102	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: E60686.D

Lab ID: 460-121202-B-2 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
cis-1,3-Dichloropropene	200	198	99	3	30	0-227	
Xylenes, Total	400	400	100	1	30	80-120	
Trichloroethene	200	196	98	2	30	71-157	
Methylcyclohexane	200	270	135	4	30	77-150	
1,1,1-Trichloroethane	200	222	111	5	30	52-162	
1,2-Dichloropropane	200	211	105	4	30	0-210	
Dibromochloromethane	200	176	88	0	30	53-149	
1,2-Dibromoethane	200	189	94	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 624

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: E60666.D Lab Sample ID: MB 460-395000/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS5 Date Analyzed: 10/05/2016 10:04

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-395000/4	E60662.D	10/05/2016 08:20
	460-121202-B-2 MS	E60685.D	10/05/2016 18:27
	460-121202-B-2 MSD	E60686.D	10/05/2016 18:53
Trip Blank	460-121208-8	E60689.D	10/05/2016 20:10
FB_20160930	460-121208-7	E60690.D	10/05/2016 20:36
MW-18 Filtered	460-121208-6	E60691.D	10/05/2016 21:02
MW-18	460-121208-5	E60692.D	10/05/2016 21:28
MW-22	460-121208-4	E60693.D	10/05/2016 21:53
MW-9	460-121208-2	E60695.D	10/05/2016 22:45
MW-14	460-121208-1	E60696.D	10/05/2016 23:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: E60717.D Lab Sample ID: MB 460-395281/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS5 Date Analyzed: 10/06/2016 09:03

GC Column: Rtx-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-395281/4	E60713.D	10/06/2016 07:19
	LCSD 460-395281/5	E60714.D	10/06/2016 07:45
MW-14 Filtered	460-121208-3	E60718.D	10/06/2016 09:36

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: E60479.D BFB Injection Date: 10/01/2016

Instrument ID: CVOAMS5 BFB Injection Time: 15:29

Analysis Batch No.: 394260

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	49.4	
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	0.7	(0.8) 1
174	50.0 - 120.00 % of mass 95	80.1	
175	5.0 - 9.0 % of mass 174	6.1	(7.6) 1
176	95.0 - 101.0 % of mass 174	77.5	(96.7) 1
177	5.0 - 9.0 % of mass 176	4.8	(6.2) 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
	STD8 460-394260/2	E60480.D	10/01/2016	15:43
	STD5 460-394260/4	E60482.D	10/01/2016	16:41
	STD20 460-394260/5	E60483.D	10/01/2016	17:09
	STD50 460-394260/6	E60484.D	10/01/2016	17:35
	STD200 460-394260/7	E60485.D	10/01/2016	18:01
	STD500 460-394260/8	E60486.D	10/01/2016	18:27
	STD1 460-394260/14	E60492.D	10/01/2016	22:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: E60659.D BFB Injection Date: 10/05/2016

Instrument ID: CVOAMS5 BFB Injection Time: 06:59

Analysis Batch No.: 395000

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	24.8	
75	30.0 - 60.0 % of mass 95	56.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.4	(0.5) 1
174	50.0 - 120.00 % of mass 95	81.5	
175	5.0 - 9.0 % of mass 174	6.4	(7.9) 1
176	95.0 - 101.0 % of mass 174	78.5	(96.3) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.2) 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 460-395000/3	E60661.D	10/05/2016	07:52
	LCS 460-395000/4	E60662.D	10/05/2016	08:20
	MB 460-395000/8	E60666.D	10/05/2016	10:04
	460-121202-B-2 MS	E60685.D	10/05/2016	18:27
	460-121202-B-2 MSD	E60686.D	10/05/2016	18:53
Trip Blank	460-121208-8	E60689.D	10/05/2016	20:10
FB_20160930	460-121208-7	E60690.D	10/05/2016	20:36
MW-18 Filtered	460-121208-6	E60691.D	10/05/2016	21:02
MW-18	460-121208-5	E60692.D	10/05/2016	21:28
MW-22	460-121208-4	E60693.D	10/05/2016	21:53
MW-9	460-121208-2	E60695.D	10/05/2016	22:45
MW-14	460-121208-1	E60696.D	10/05/2016	23:11

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: E60710.D BFB Injection Date: 10/06/2016

Instrument ID: CVOAMS5 BFB Injection Time: 06:02

Analysis Batch No.: 395281

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.3	
75	30.0 - 60.0 % of mass 95	56.5	
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	0.5	(0.7) 1
174	50.0 - 120.00 % of mass 95	79.3	
175	5.0 - 9.0 % of mass 174	5.8	(7.3) 1
176	95.0 - 101.0 % of mass 174	78.0	(98.4) 1
177	5.0 - 9.0 % of mass 176	5.3	(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 460-395281/3	E60712.D	10/06/2016	06:52
	LCS 460-395281/4	E60713.D	10/06/2016	07:19
	LCSD 460-395281/5	E60714.D	10/06/2016	07:45
	MB 460-395281/8	E60717.D	10/06/2016	09:03
MW-14 Filtered	460-121208-3	E60718.D	10/06/2016	09:36

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-395000/3 Date Analyzed: 10/05/2016 07:52

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60661.D Heated Purge: (Y/N) N

Calibration ID: 58151

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		626190	1.89	562738	2.83	727972	3.39
UPPER LIMIT		1252380	2.39	1125476	3.33	1455944	3.89
LOWER LIMIT		313095	1.39	281369	2.33	363986	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-395000/4		663940	1.89	584016	2.83	731447	3.39
MB 460-395000/8		621417	1.88	554490	2.83	716380	3.39
460-121202-B-2 MS		489862	1.88	492767	2.83	693350	3.38
460-121202-B-2 MSD		481081	1.88	478512	2.83	676637	3.38
460-121208-8	Trip Blank	465742	1.87	458880	2.83	657160	3.39
460-121208-7	FB_20160930	450116	1.87	453118	2.83	655771	3.39
460-121208-6	MW-18 Filtered	459297	1.87	447723	2.83	649411	3.39
460-121208-5	MW-18	446044	1.87	440730	2.83	647629	3.39
460-121208-4	MW-22	451446	1.87	451564	2.83	649448	3.39
460-121208-2	MW-9	423506	1.87	406388	2.83	571417	3.39
460-121208-1	MW-14	467992	1.87	454406	2.83	647553	3.39

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 624

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-395000/3 Date Analyzed: 10/05/2016 07:52

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60661.D Heated Purge: (Y/N) N

Calibration ID: 58151

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		58883	4.23	653183	6.69	379104	10.17
UPPER LIMIT		117766	4.73	1306366	7.19	758208	10.67
LOWER LIMIT		29442	3.73	326592	6.19	189552	9.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-395000/4		62017	4.23	664306	6.69	393701	10.17
MB 460-395000/8		55899	4.23	655257	6.69	380389	10.17
460-121202-B-2 MS		51028	4.23	619140	6.69	360040	10.17
460-121202-B-2 MSD		47591	4.23	603774	6.68	357597	10.17
460-121208-8	Trip Blank	47198	4.22	580386	6.69	348187	10.17
460-121208-7	FB_20160930	43324	4.22	580024	6.69	338292	10.17
460-121208-6	MW-18 Filtered	43743	4.23	581042	6.69	336075	10.17
460-121208-5	MW-18	44551	4.23	568240	6.69	332474	10.17
460-121208-4	MW-22	43336	4.23	574255	6.69	333960	10.17
460-121208-2	MW-9	40016	4.23	503214	6.69	294777	10.17
460-121208-1	MW-14	48176	4.23	573984	6.69	347336	10.17

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 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 624

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-395281/3 Date Analyzed: 10/06/2016 06:52

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60712.D Heated Purge: (Y/N) N

Calibration ID: 58151

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		567057	1.89	505994	2.83	620485	3.38
UPPER LIMIT		1134114	2.39	1011988	3.33	1240970	3.88
LOWER LIMIT		283529	1.39	252997	2.33	310243	2.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-395281/4		562319	1.89	510908	2.83	631928	3.39
LCSD 460-395281/5		564228	1.89	506257	2.83	645105	3.38
MB 460-395281/8		530397	1.88	464493	2.83	562578	3.39
460-121208-3	MW-14 Filtered	524765	1.88	471917	2.83	623800	3.39

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 624

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-395281/3 Date Analyzed: 10/06/2016 06:52

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm)

Lab File ID (Standard): E60712.D Heated Purge: (Y/N) N

Calibration ID: 58151

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		54071	4.23	555860	6.69	320235	10.17
UPPER LIMIT		108142	4.73	1111720	7.19	640470	10.67
LOWER LIMIT		27036	3.73	277930	6.19	160118	9.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-395281/4		53787	4.22	561166	6.69	324895	10.17
LCSD 460-395281/5		53532	4.22	572935	6.69	330510	10.17
MB 460-395281/8		44962	4.23	496939	6.69	286117	10.17
460-121208-3	MW-14 Filtered	49327	4.23	549342	6.69	314657	10.17

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 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 624

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 | Lab Sample ID: 460-121208-1

Matrix: Water | Lab File ID: E60696.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 23:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	1.6		1.0	0.22
108-88-3	Toluene	2.1		1.0	0.25
71-43-2	Benzene	0.14	J	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.49	J	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	57		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	18		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	20		1.0	0.35
95-50-1	1,2-Dichlorobenzene	36		1.0	0.22
541-73-1	1,3-Dichlorobenzene	30		1.0	0.33
106-46-7	1,4-Dichlorobenzene	81		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.48	J	1.0	0.12
98-82-8	Isopropylbenzene	1.1		1.0	0.32
100-41-4	Ethylbenzene	4.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 | Lab Sample ID: 460-121208-1

Matrix: Water | Lab File ID: E60696.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 23:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.20	J	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	46		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	6.9		2.0	0.28
79-01-6	Trichloroethene	2.5		1.0	0.22
108-87-2	Methylcyclohexane	1.2		1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 | Lab Sample ID: 460-121208-1

Matrix: Water | Lab File ID: E60696.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 23:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

Number TICs Found: 7 | TIC Result Total: 96.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	10.47	11	J N	95%
95-13-6	Indene	11.00	15	J N	97%
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.83	6.3	J N	96%
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.15	7.3	J N	96%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.19	5.5	J N	96%
91-20-3	Naphthalene	12.69	43	J N	97%
90-12-0	Naphthalene, 1-methyl-	13.43	8.0	J N	96%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Lims ID: 460-121208-B-1
Client ID: MW-14
Sample Type: Client
Inject. Date: 05-Oct-2016 23:11:30 ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-1
Misc. Info.: 460-0046448-038
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 14:01:20 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 06-Oct-2016 09:06:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
26 trans-1,2-Dichloroethene	96	1.805	1.797	0.009	21	772	0.1973	
* 30 TBA-d9 (IS)	65	1.870	1.887	-0.017	97	467992	1000.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	93	187390	45.8	
41 Cyclohexane	56	2.603	2.595	0.008	91	2455	0.4858	
43 Chloroform	83	2.660	2.652	0.008	95	11199	1.62	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	166014	49.3	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	454406	250.0	
55 Benzene	78	3.055	3.056	-0.001	86	2097	0.1362	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	96	211313	49.8	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	647553	50.0	
66 Methylcyclohexane	83	3.508	3.508	0.000	90	5811	1.16	
67 Trichloroethene	95	3.533	3.525	0.008	94	10063	2.46	
* 74 1,4-Dioxane-d8	96	4.232	4.233	0.000	95	48176	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	652427	50.9	
81 Toluene	91	4.915	4.907	0.008	89	35311	2.12	
84 Tetrachloroethene	166	5.335	5.327	0.008	90	1888	0.4792	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	573984	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	93	620904	56.8	
96 Ethylbenzene	106	6.792	6.784	0.008	99	24595	4.23	
98 m-Xylene & p-Xylene	106	7.014	6.998	0.016	98	9255	1.32	
99 o-Xylene	106	7.582	7.582	0.000	94	39504	5.60	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	19352	1.11	
$ 105 4-Bromofluorobenzene	174	8.429	8.430	-0.001	88	202461	44.9	
119 1,3-Dichlorobenzene	146	10.034	10.043	-0.009	94	269287	30.5	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	96	347336	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	92	768046	81.2	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	94	326726	36.1	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	126937	18.5	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	128600	20.1	
S 137 Xylenes, Total	100				0		6.92	

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
Lims ID:	460-121208-B-1				
Client ID:	MW-14				
Sample Type:	Client				
Inject. Date:	05-Oct-2016 23:11:30	ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-121208-B-1				
Misc. Info.:	460-0046448-038				
Operator ID:		Instrument ID:	CVOAMS5		
Method:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m				
Limit Group:	VOA 624 ICAL				
Last Update:	10-Oct-2016 14:01:20	Calib Date:	01-Oct-2016 22:47:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-VMS (0.18 mm)		Det: MS SCAN		
Process Host:	XAWRK052				
First Level Reviewer: moroneyc		Date:	06-Oct-2016 09:06:15		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
496-11-7 Indane								
10.470	834055	10.7	94	95	8676	C9H10	118	
95-13-6 Indene								
10.997	1205025	15.4	94	97	8166	C9H8	116	
527-53-7 Benzene, 1,2,3,5-tetramethyl-								
11.828	493258	6.32	94	96	14356	C10H14	134	
2039-89-6 Benzene, 2-ethenyl-1,4-dimethyl-								
12.149	573751	7.35	94	96	13603	C10H12	132	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
12.190	426321	5.46	94	96	14355	C10H14	134	
91-20-3 Naphthalene								
12.692	3326457	42.6	94	97	11563	C10H8	128	
90-12-0 Naphthalene, 1-methyl-								
13.425	625481	8.01	94	96	18499	C11H10	142	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 94 Chlorobenzene-d5	6.693	3903140	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

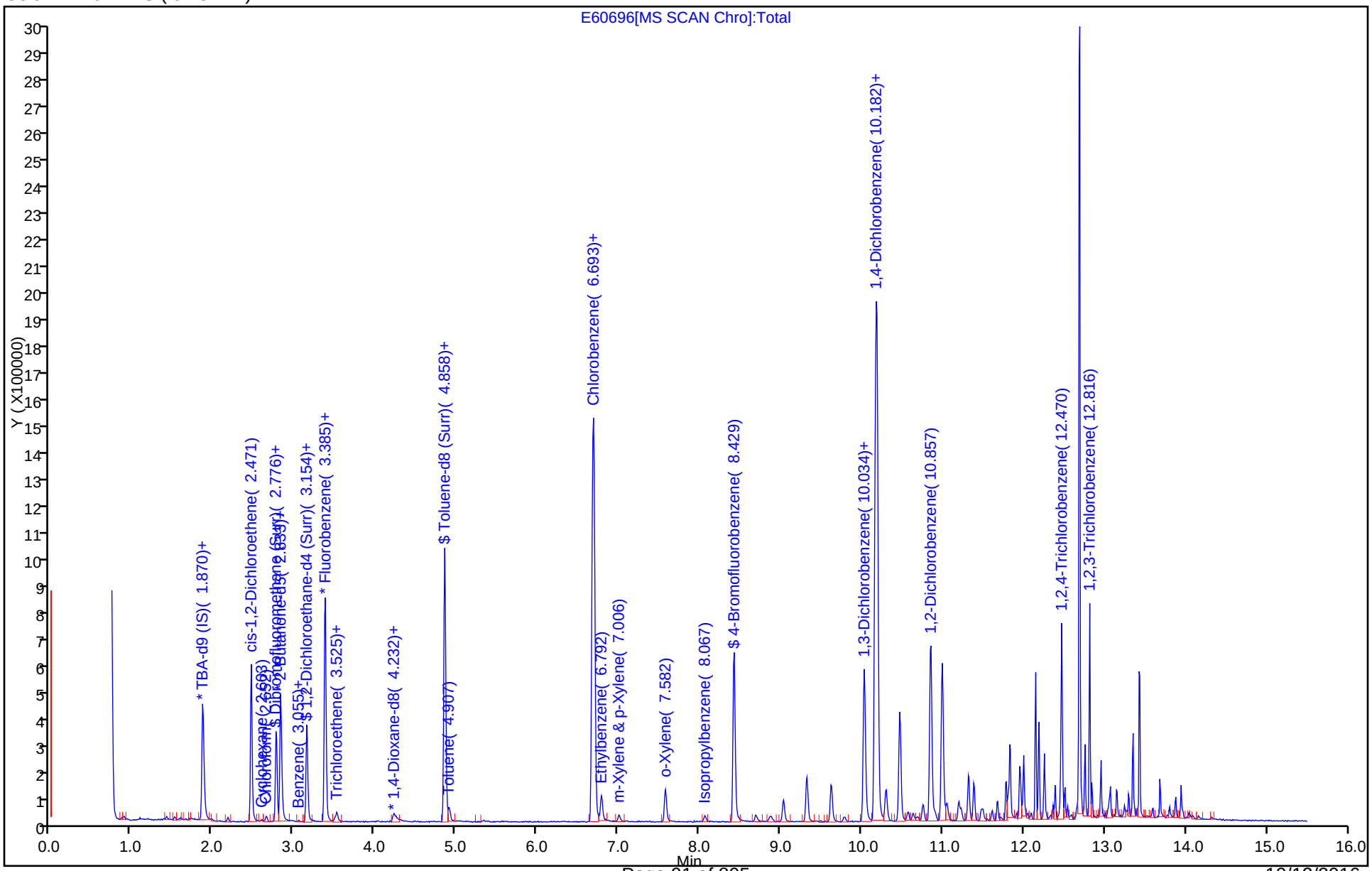
Report Date: 10-Oct-2016 14:02:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1	Worklist Smp#:	38
Client ID:	MW-14				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	30
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)

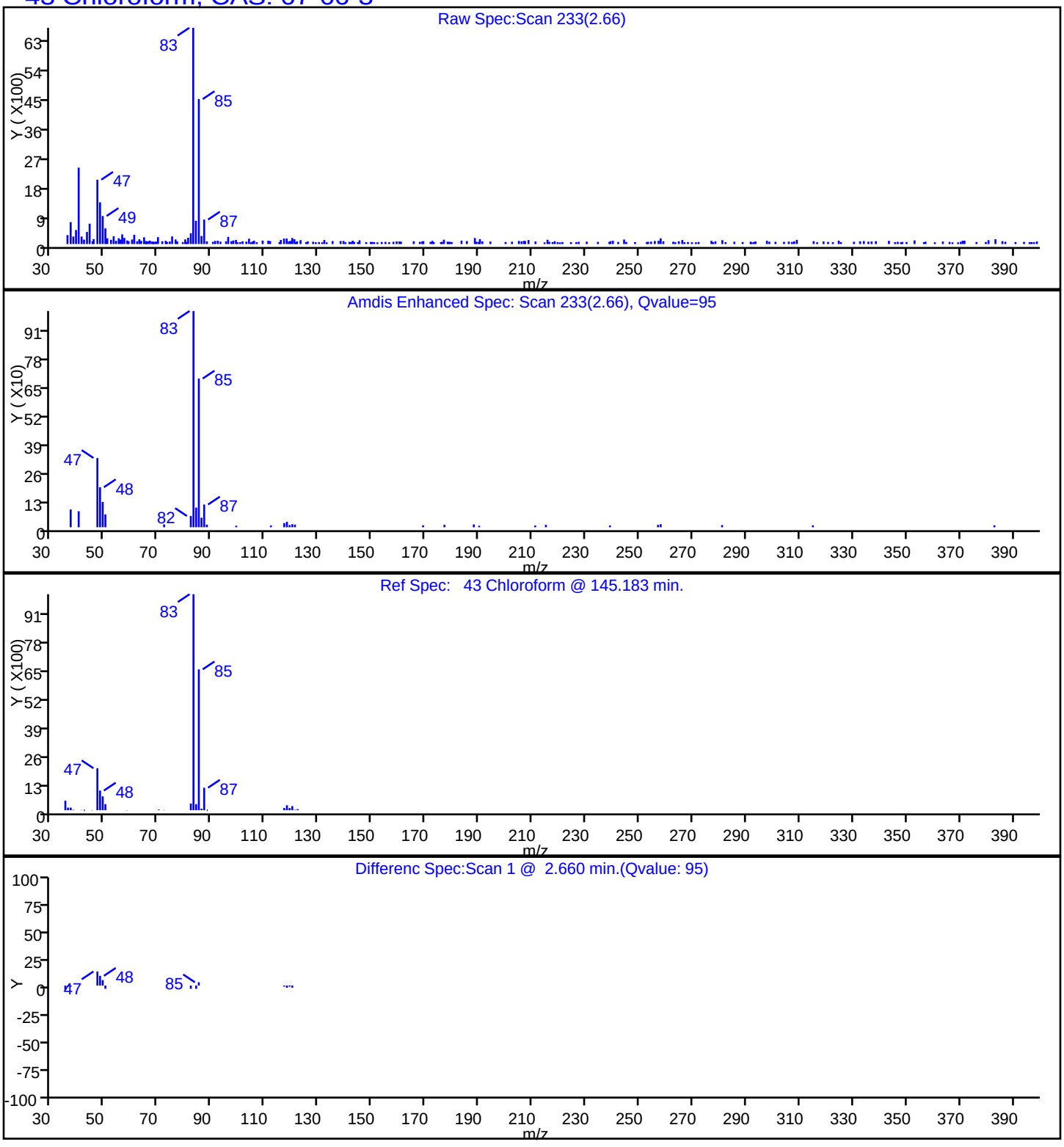


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3

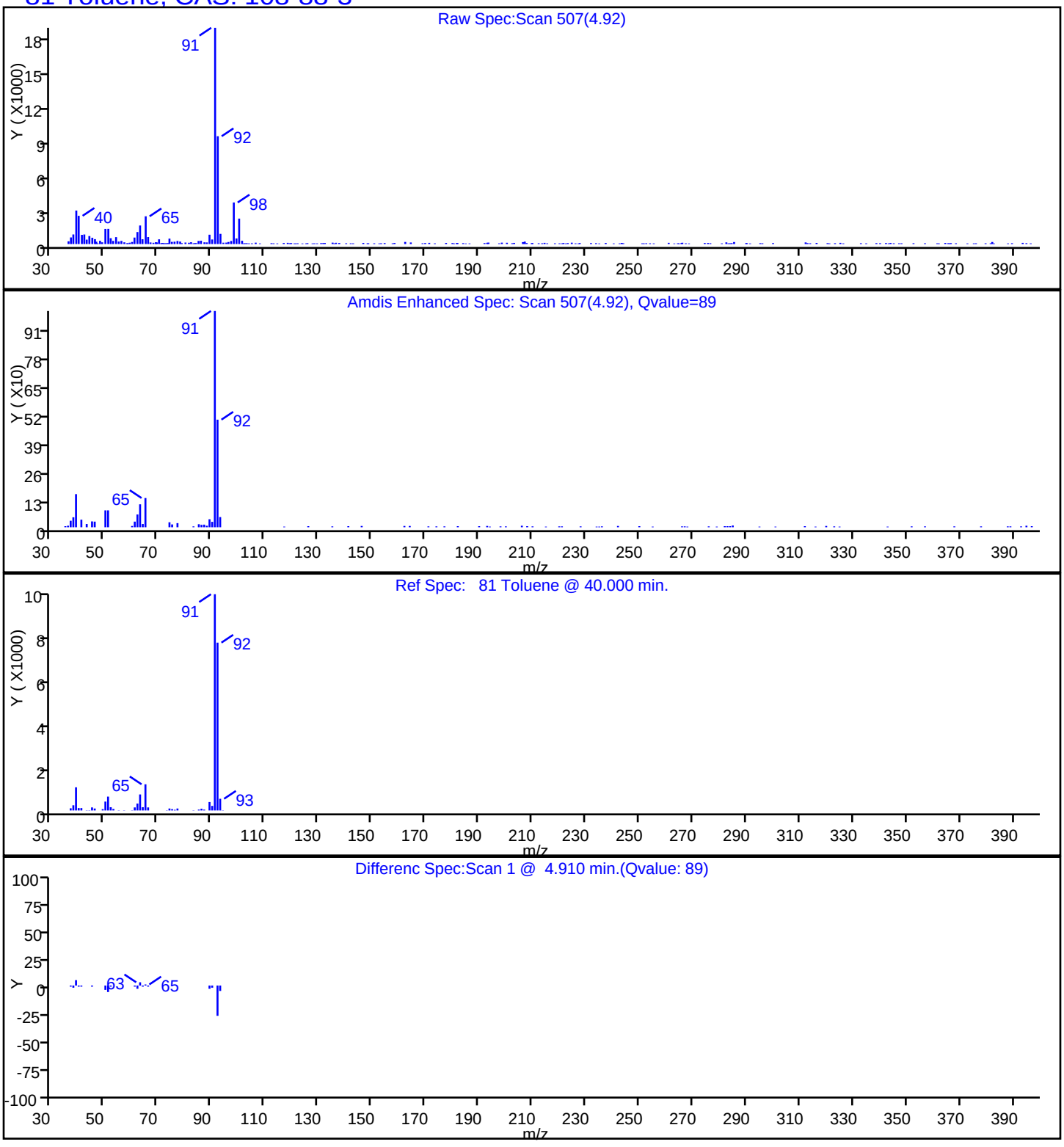


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

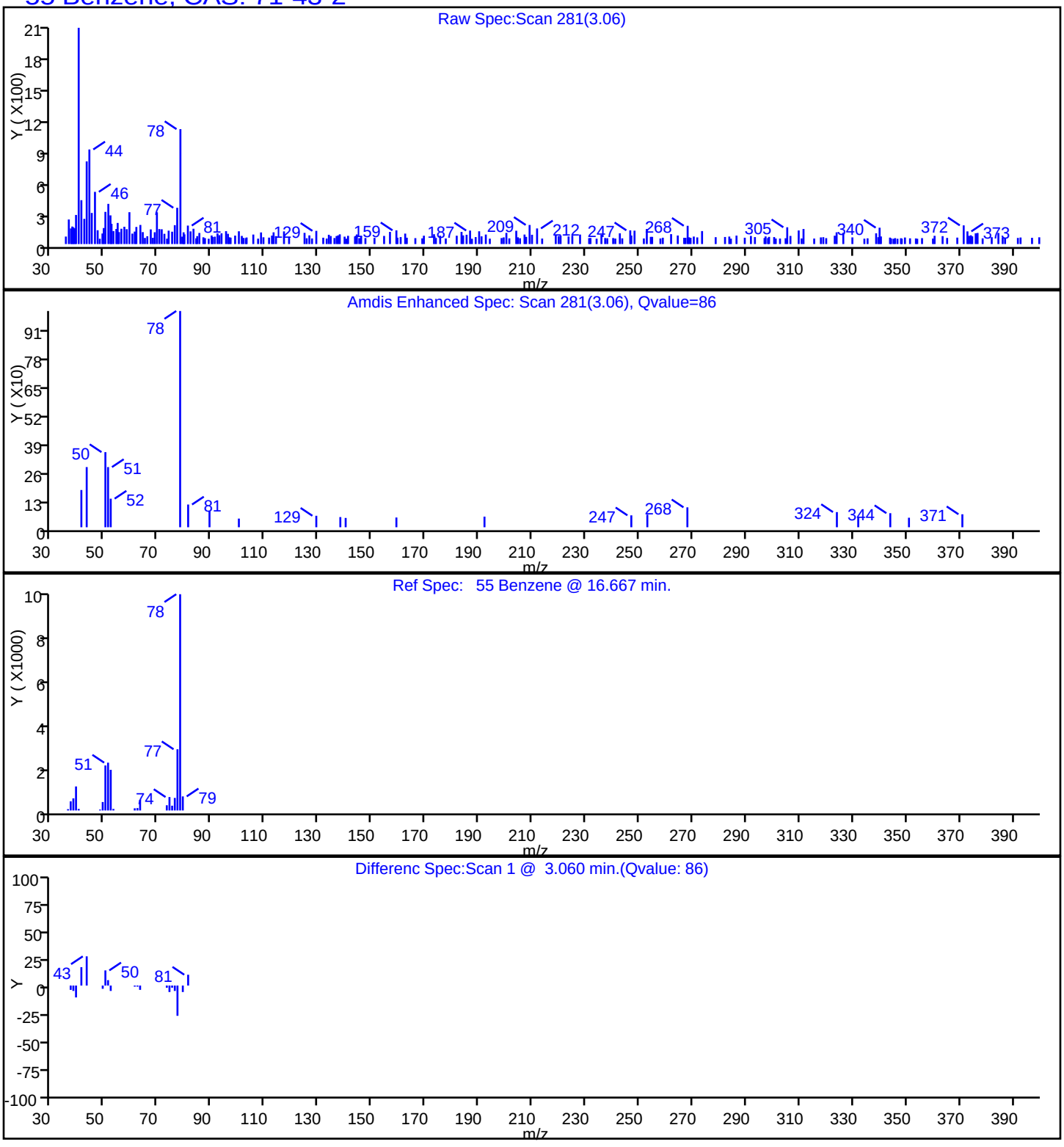
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2

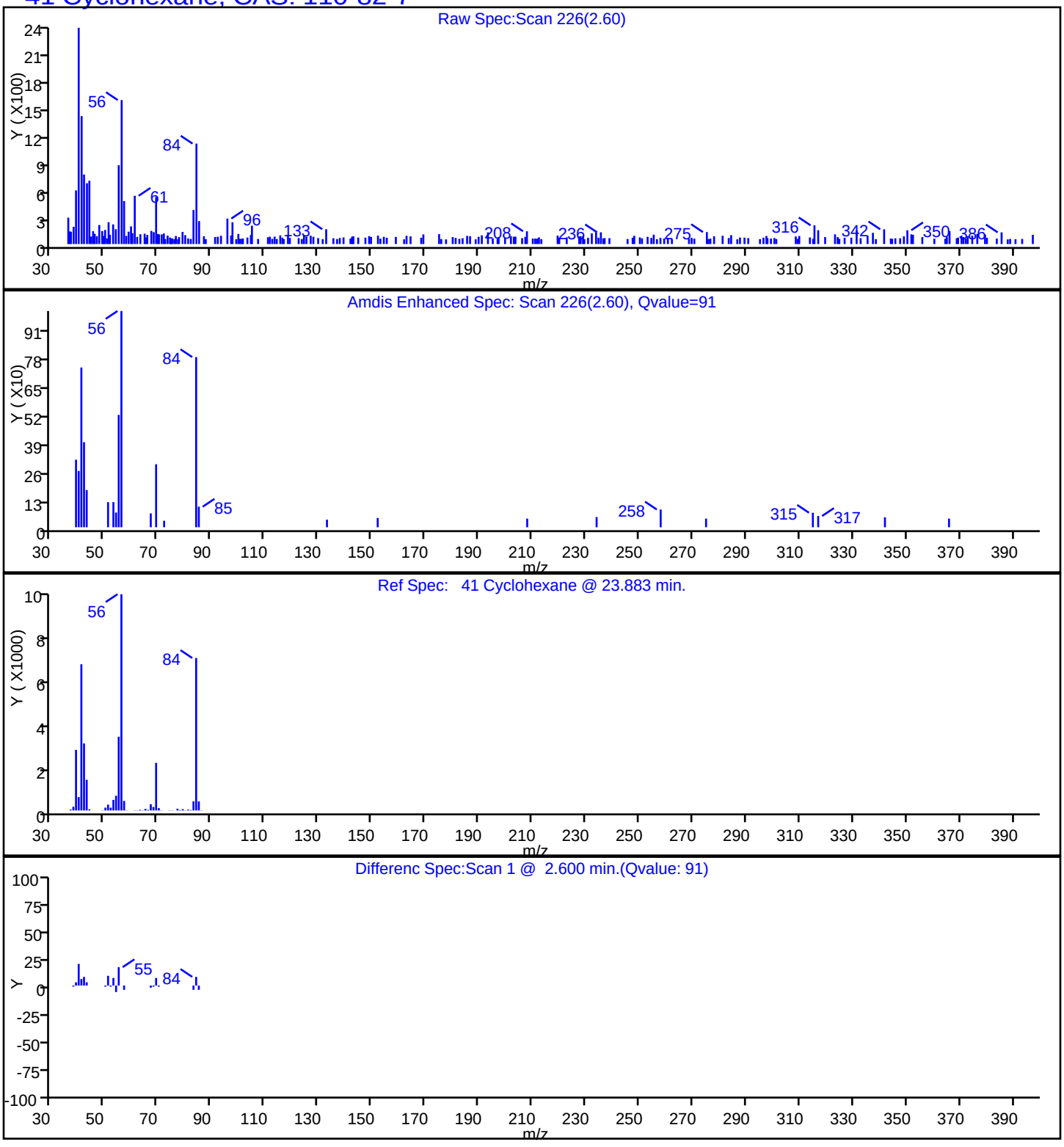


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

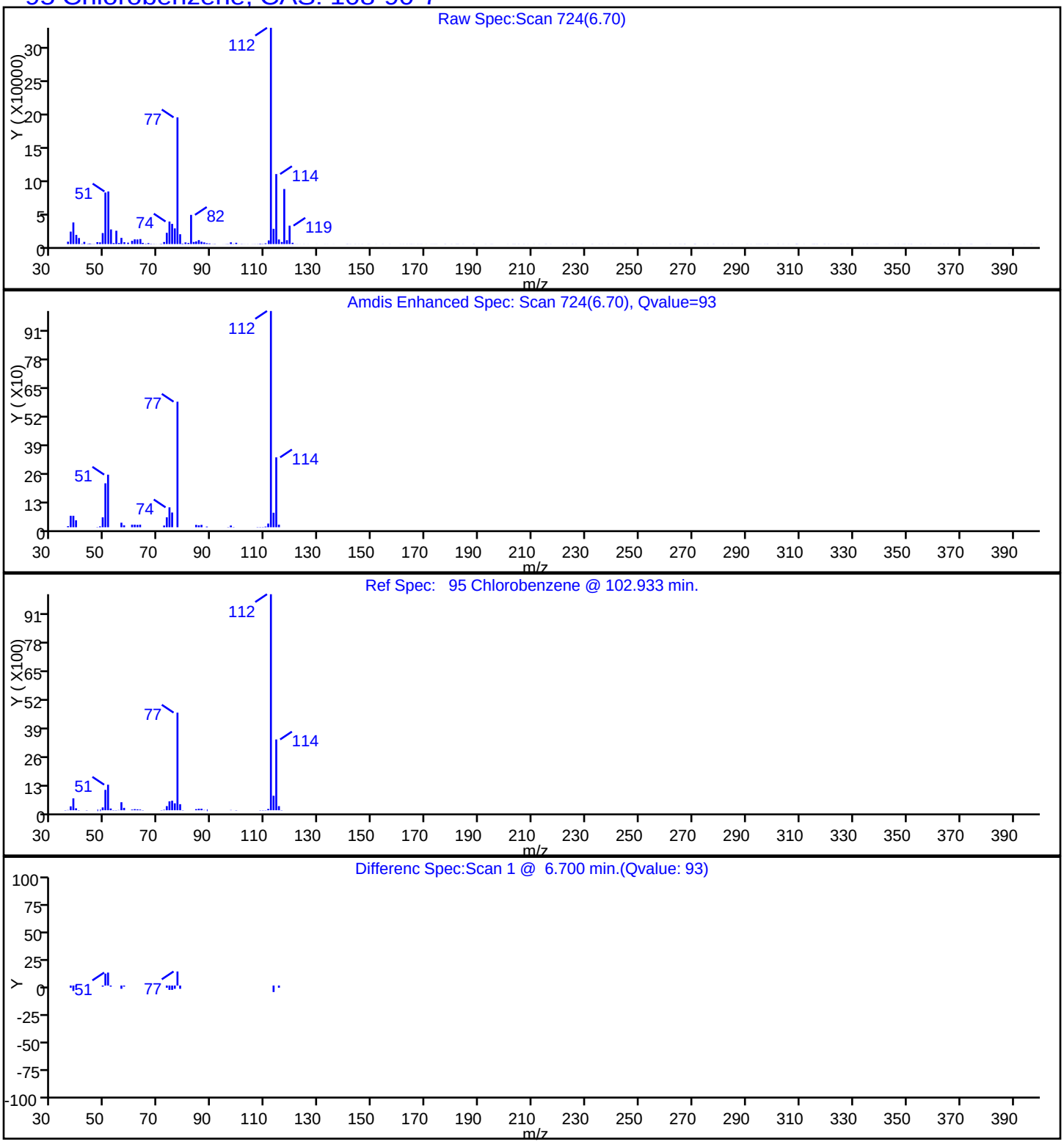
41 Cyclohexane, CAS: 110-82-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

95 Chlorobenzene, CAS: 108-90-7



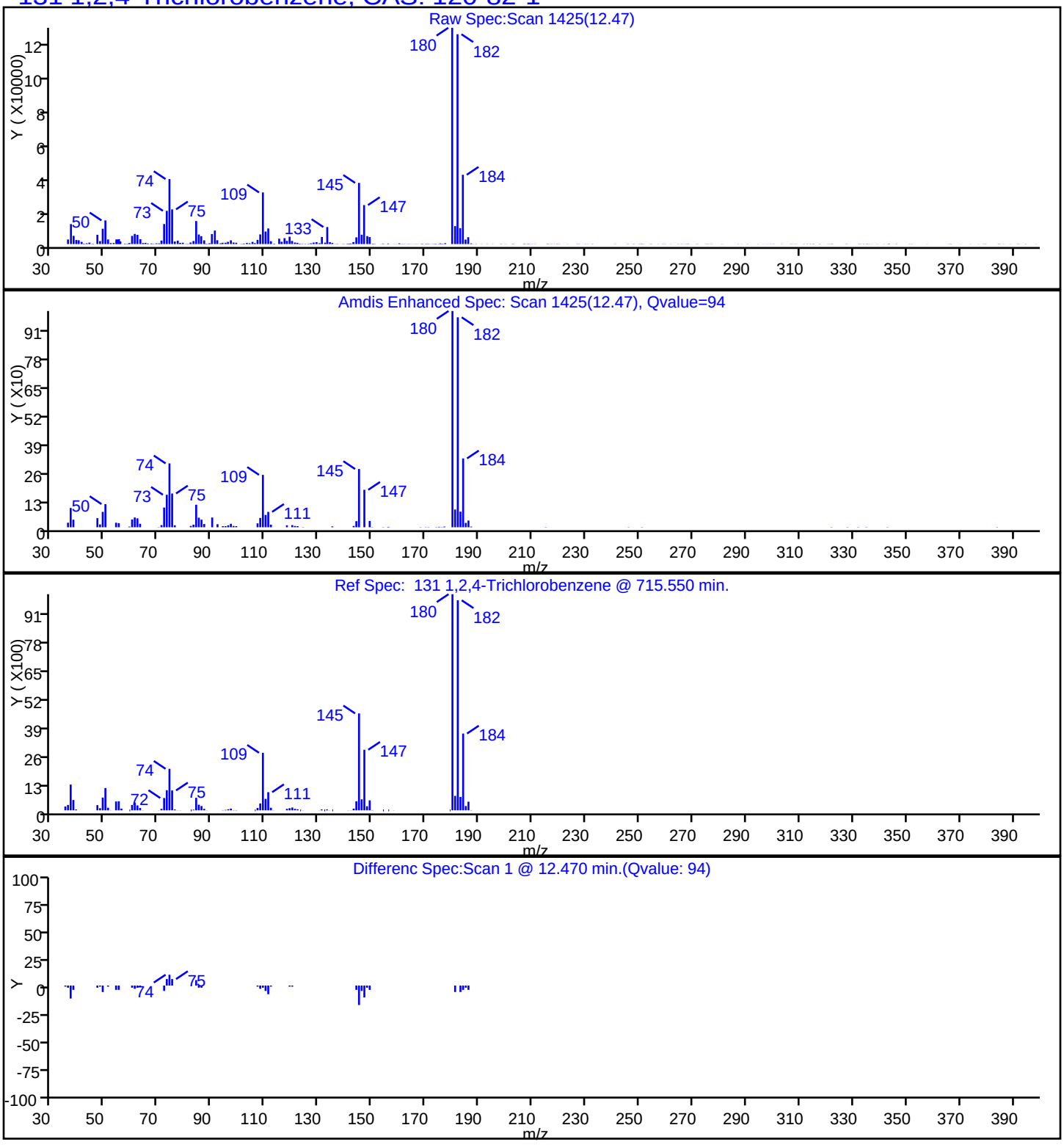
Report Date: 10-Oct-2016 14:02:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

131 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
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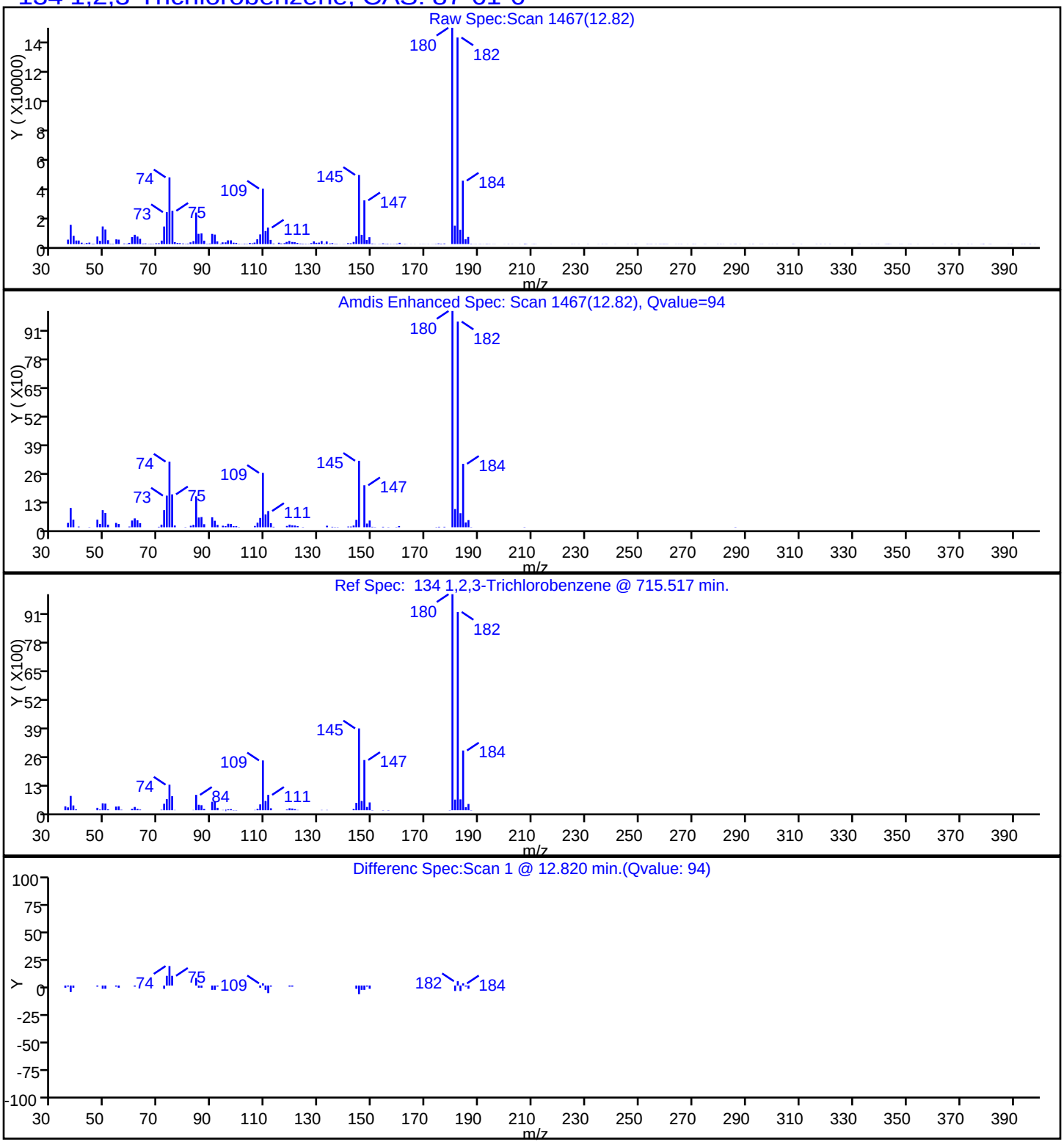
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

134 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
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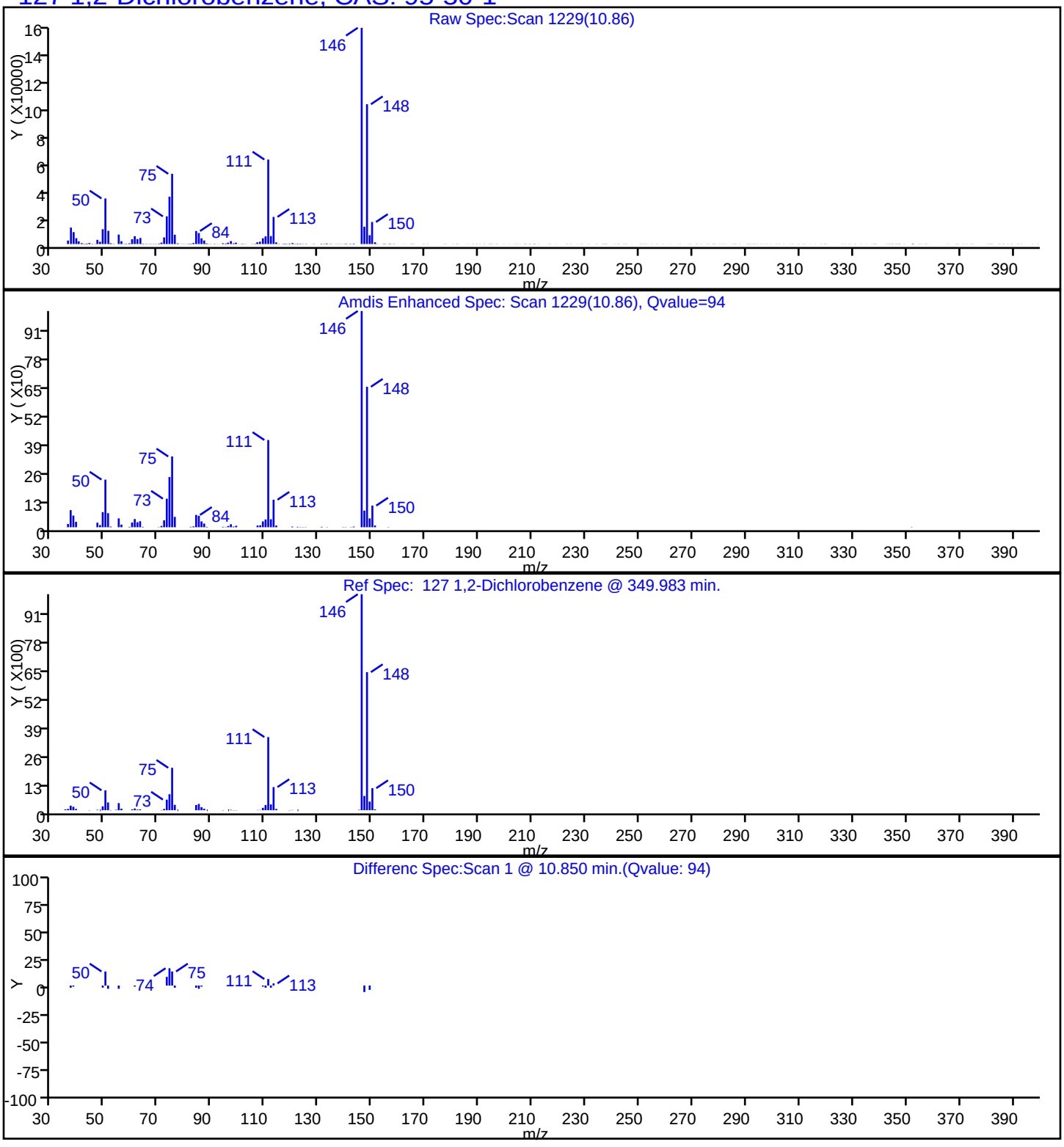
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

127 1,2-Dichlorobenzene, CAS: 95-50-1

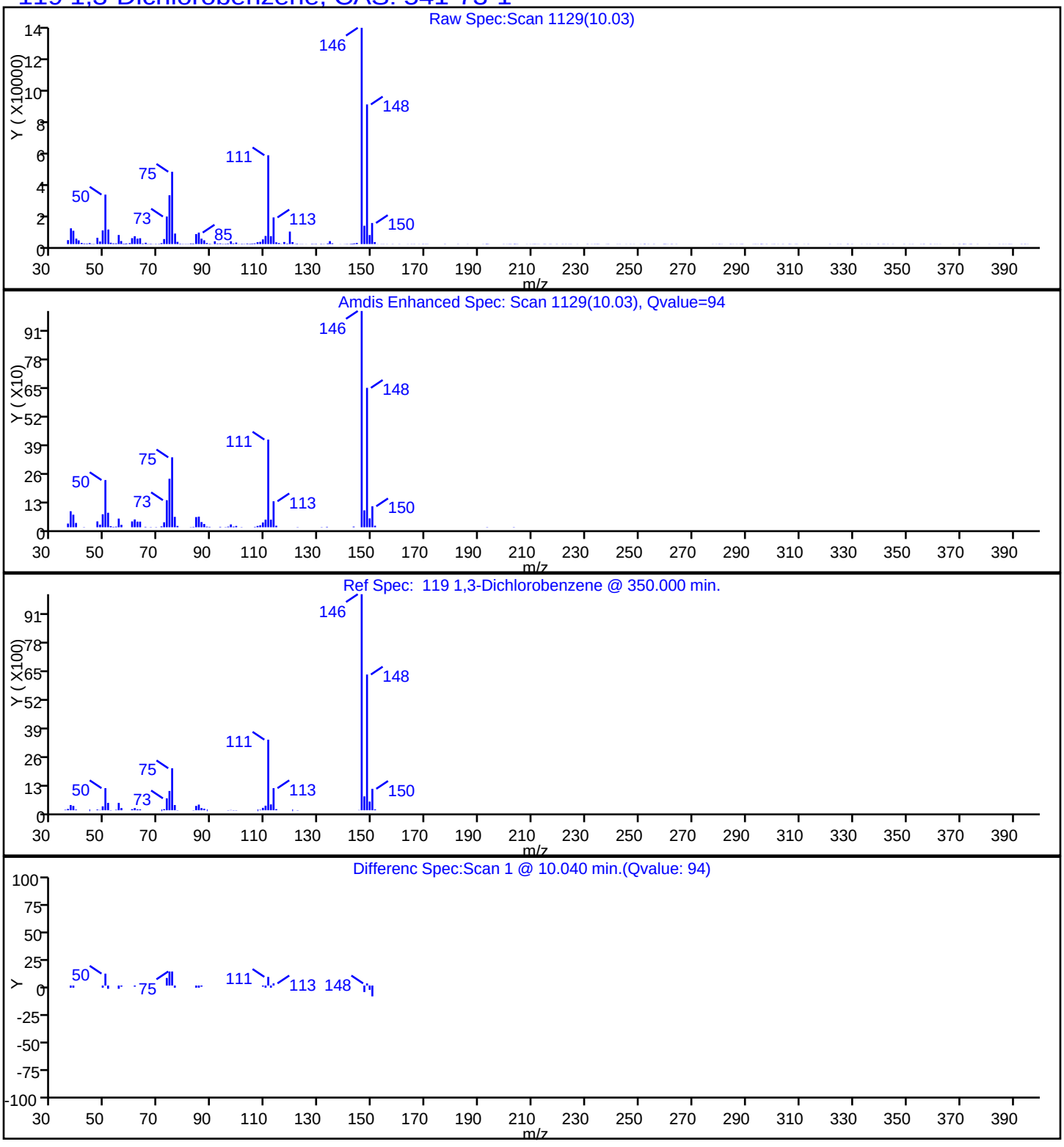


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

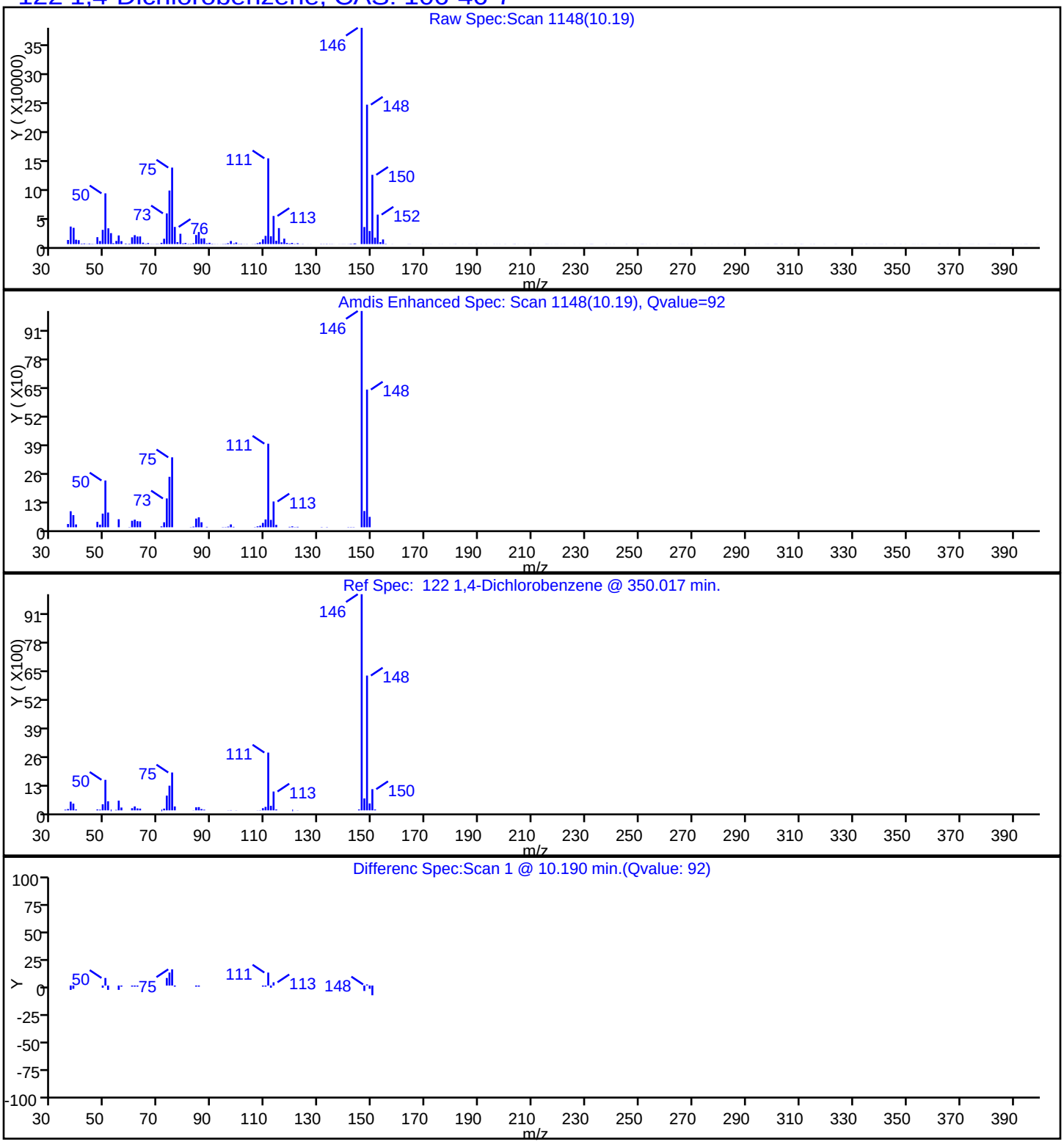
119 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

122 1,4-Dichlorobenzene, CAS: 106-46-7

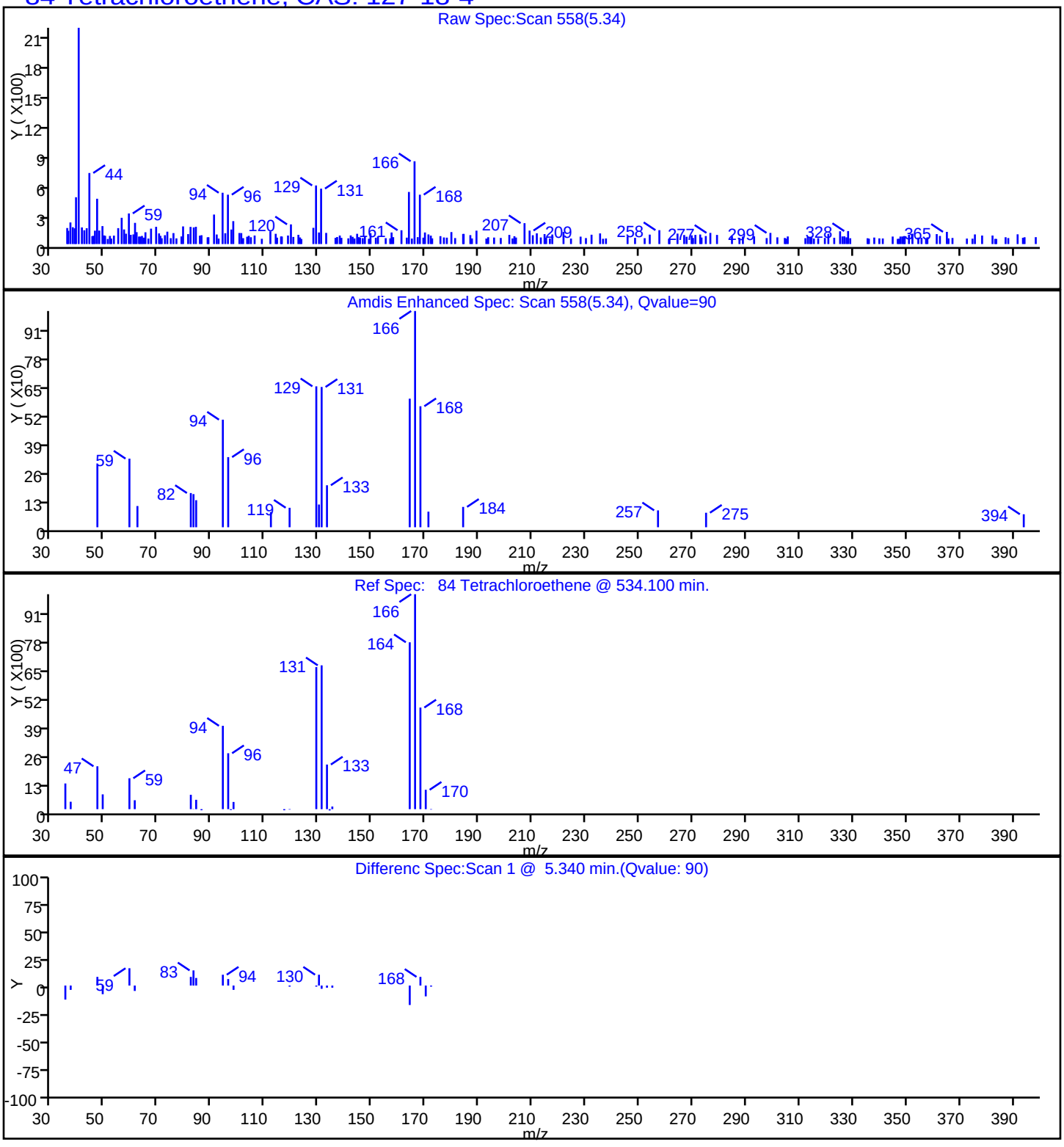


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1
Client ID:	MW-14		
Operator ID:		ALS Bottle#:	30 Worklist Smp#: 38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA 624 ICAL
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN

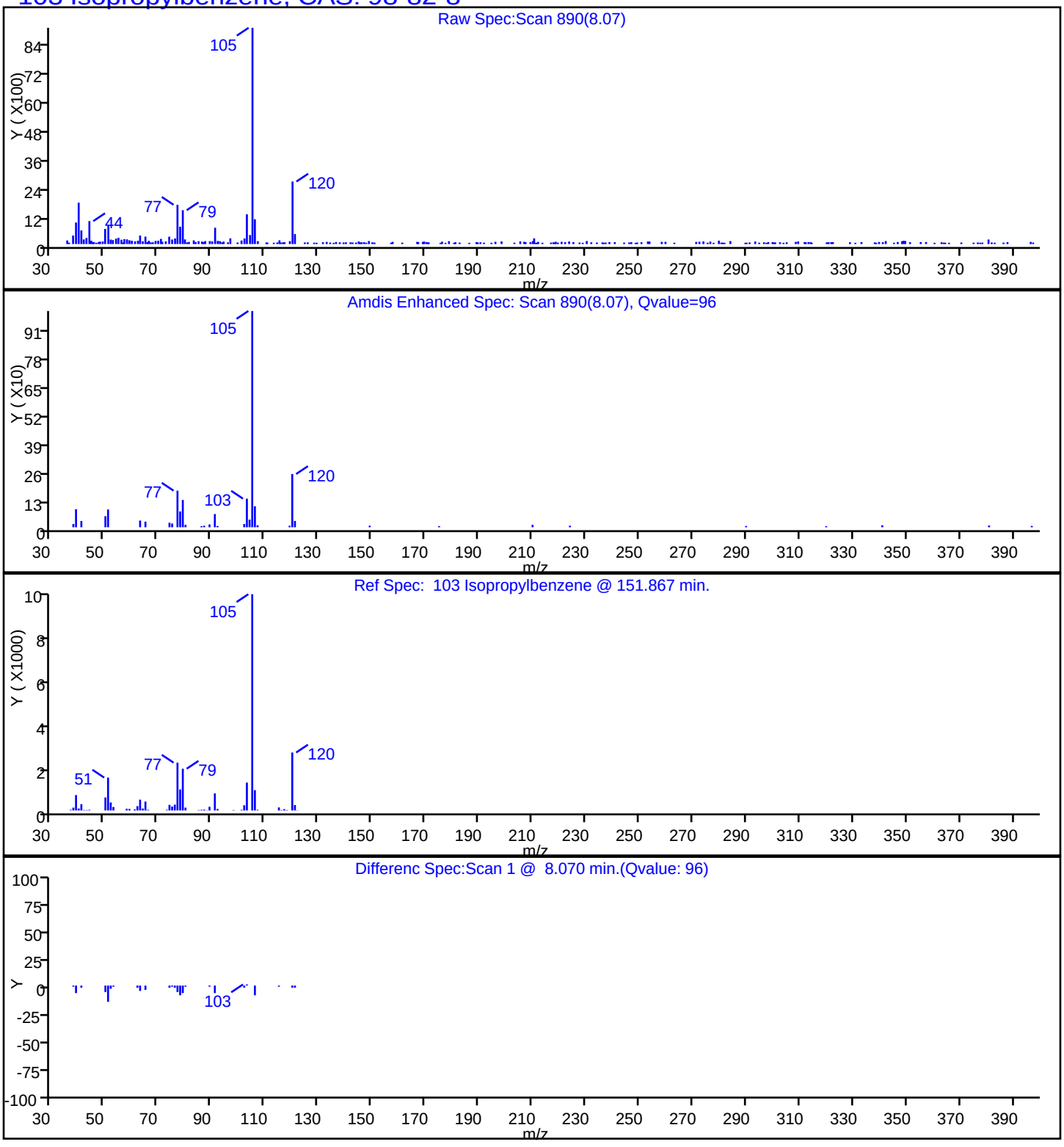
84 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

103 Isopropylbenzene, CAS: 98-82-8



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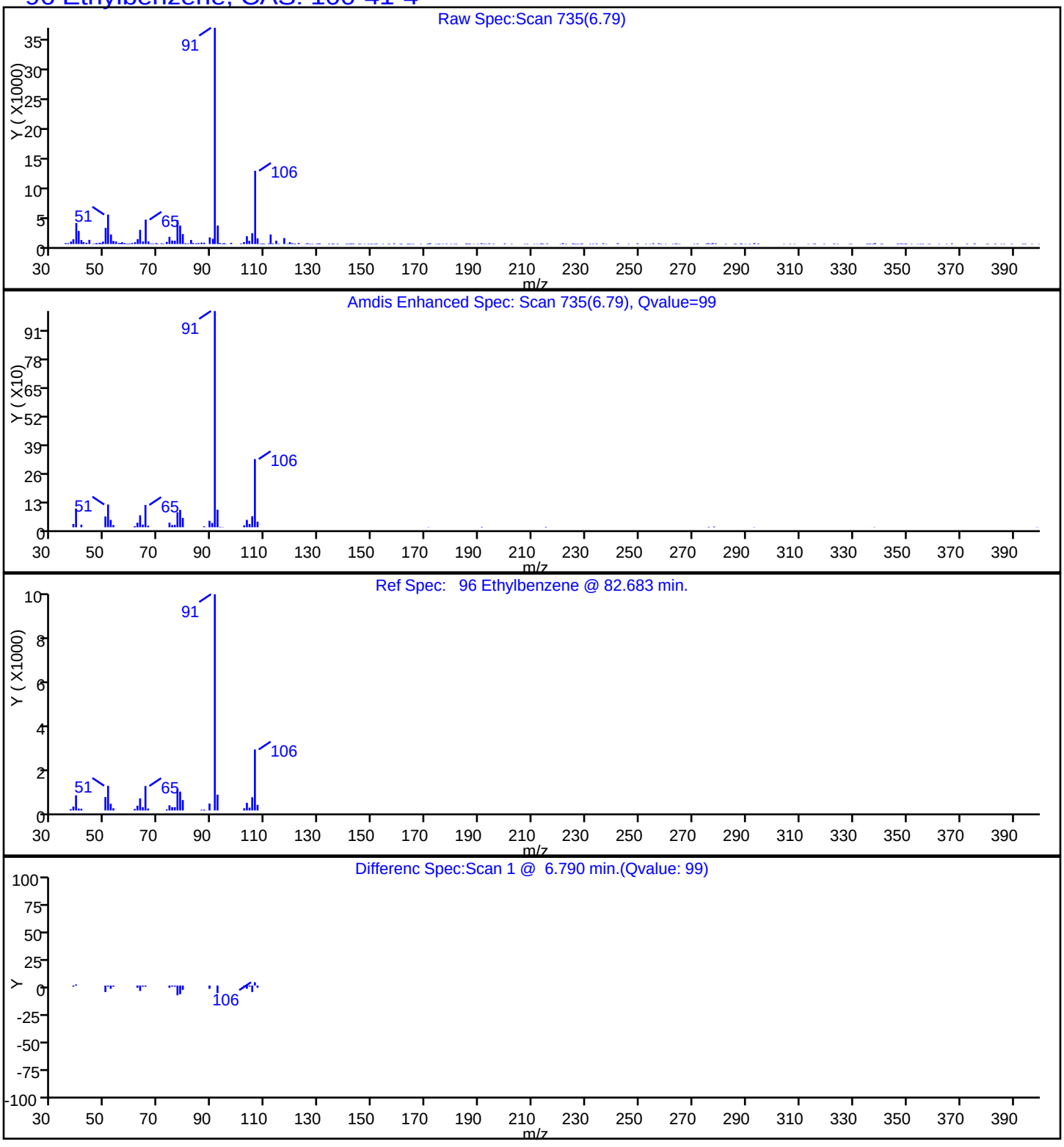
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

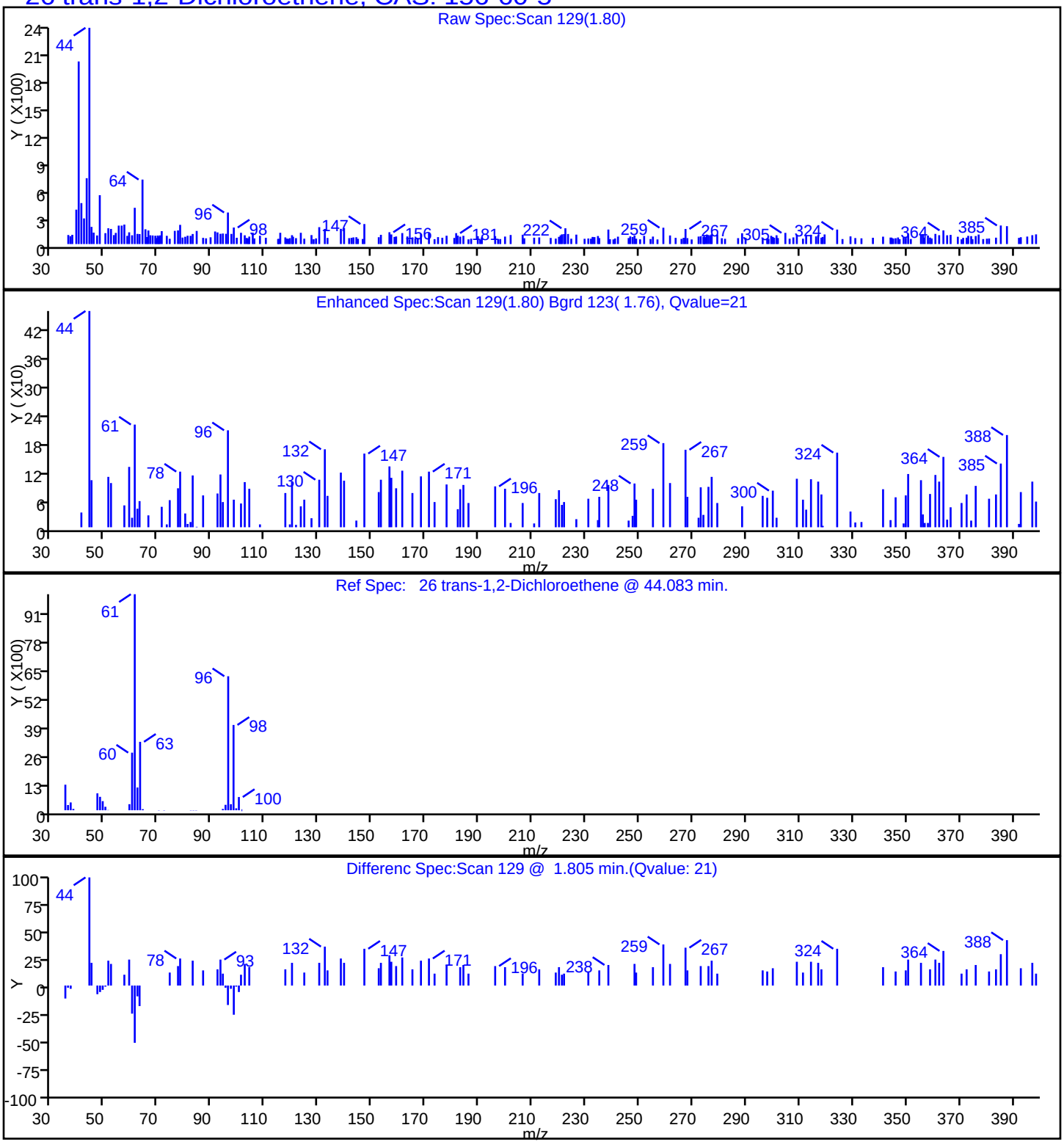
96 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

26 trans-1,2-Dichloroethene, CAS: 156-60-5



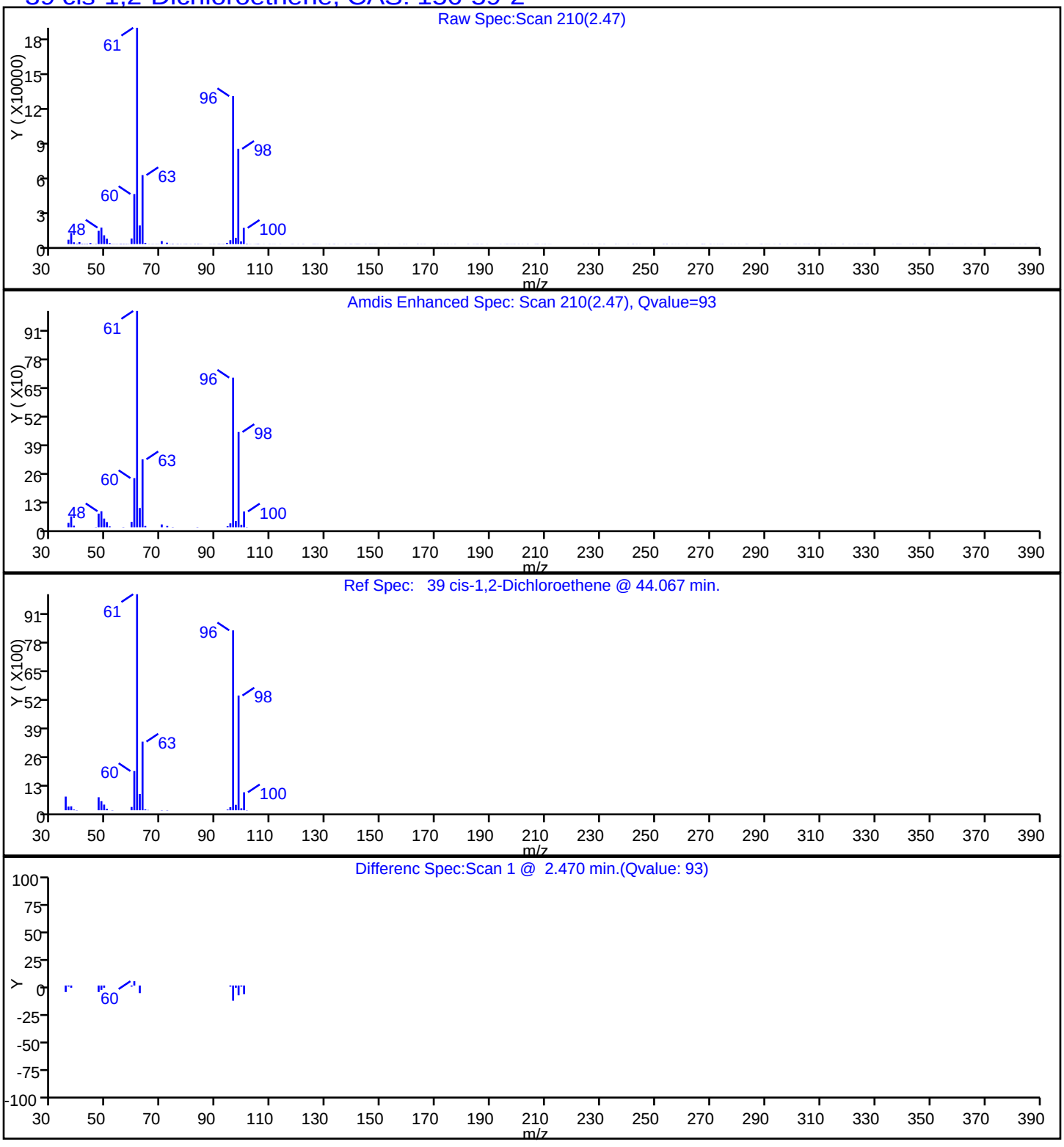
Report Date: 10-Oct-2016 14:02:28 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

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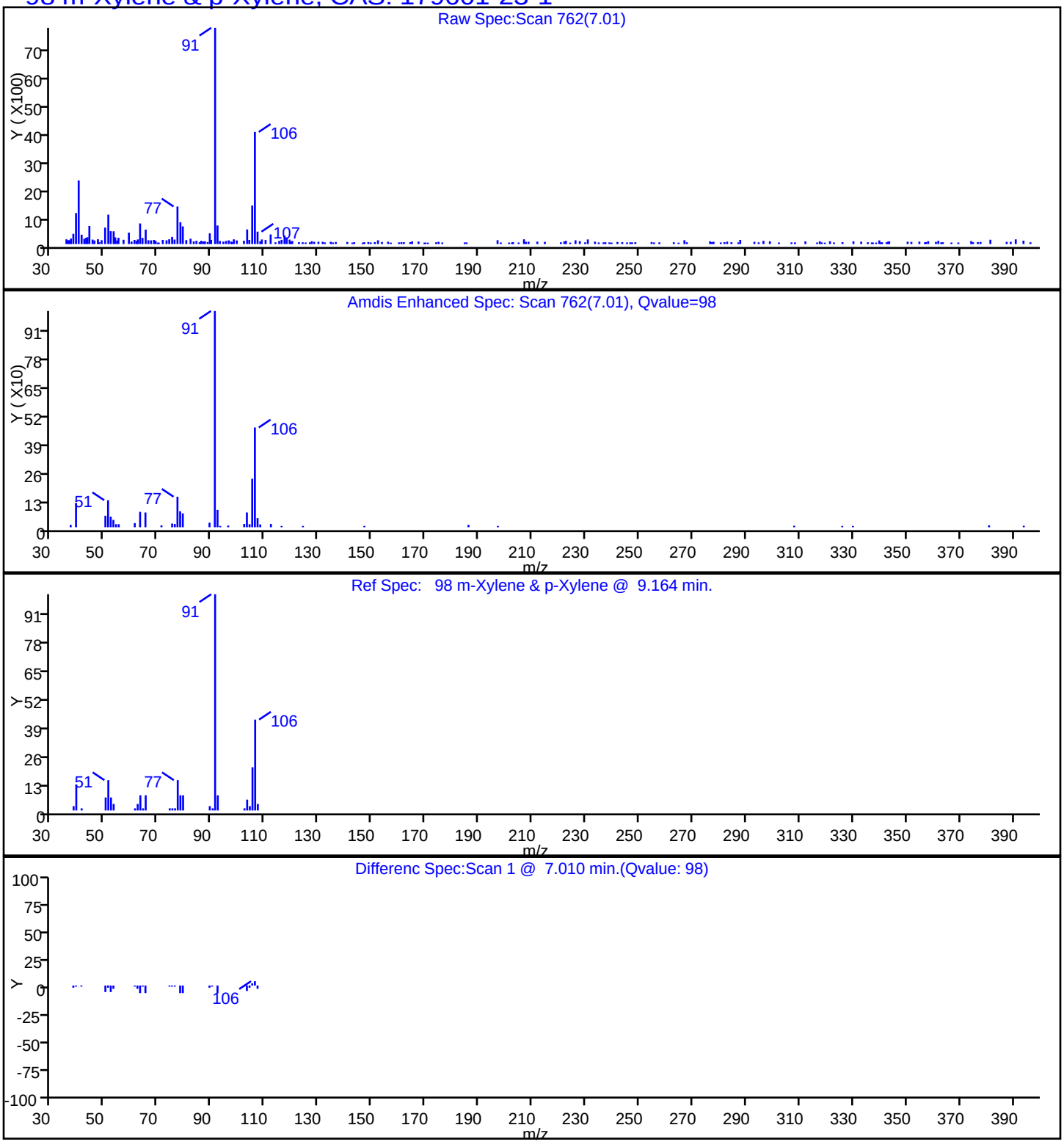
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

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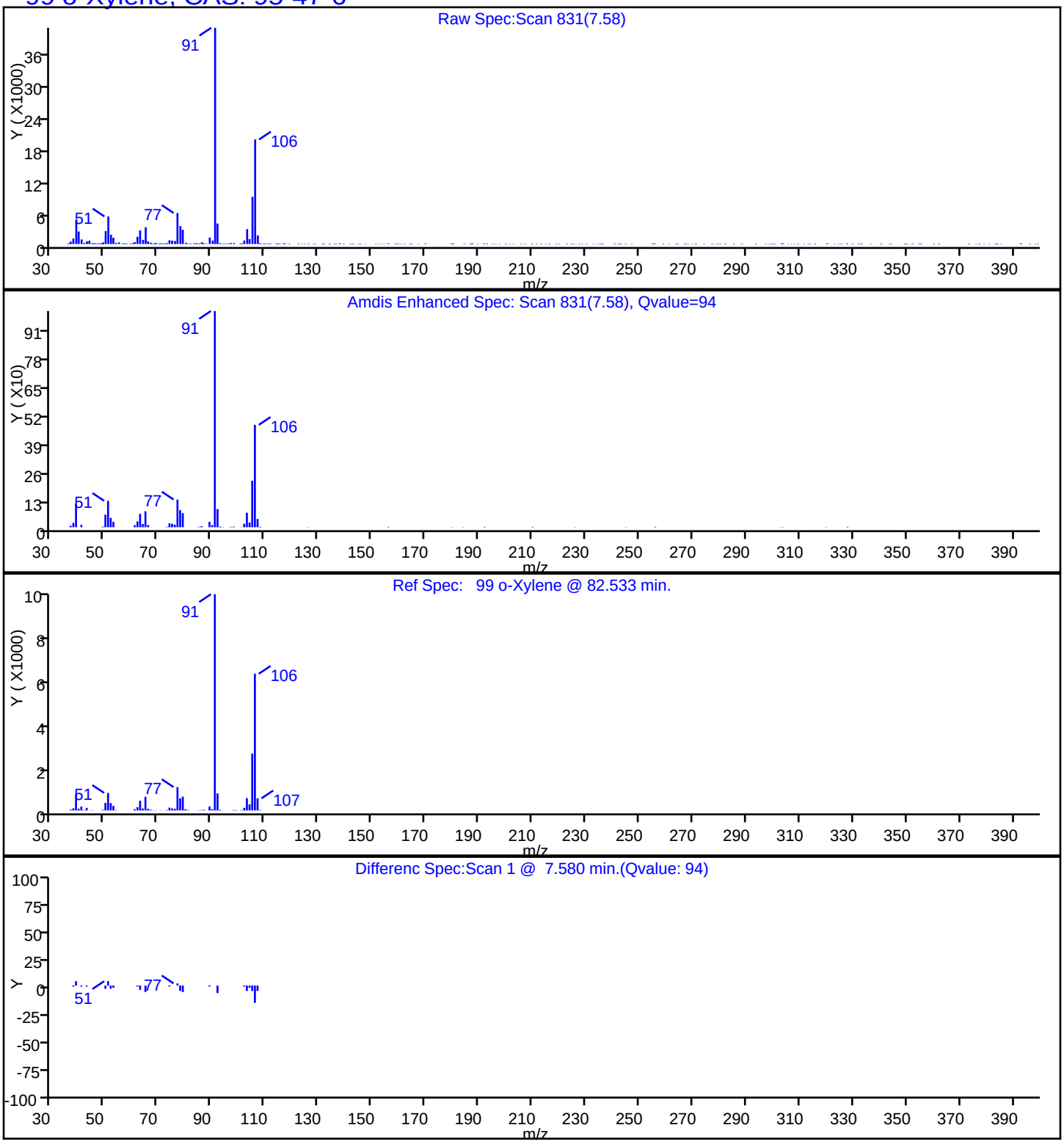
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

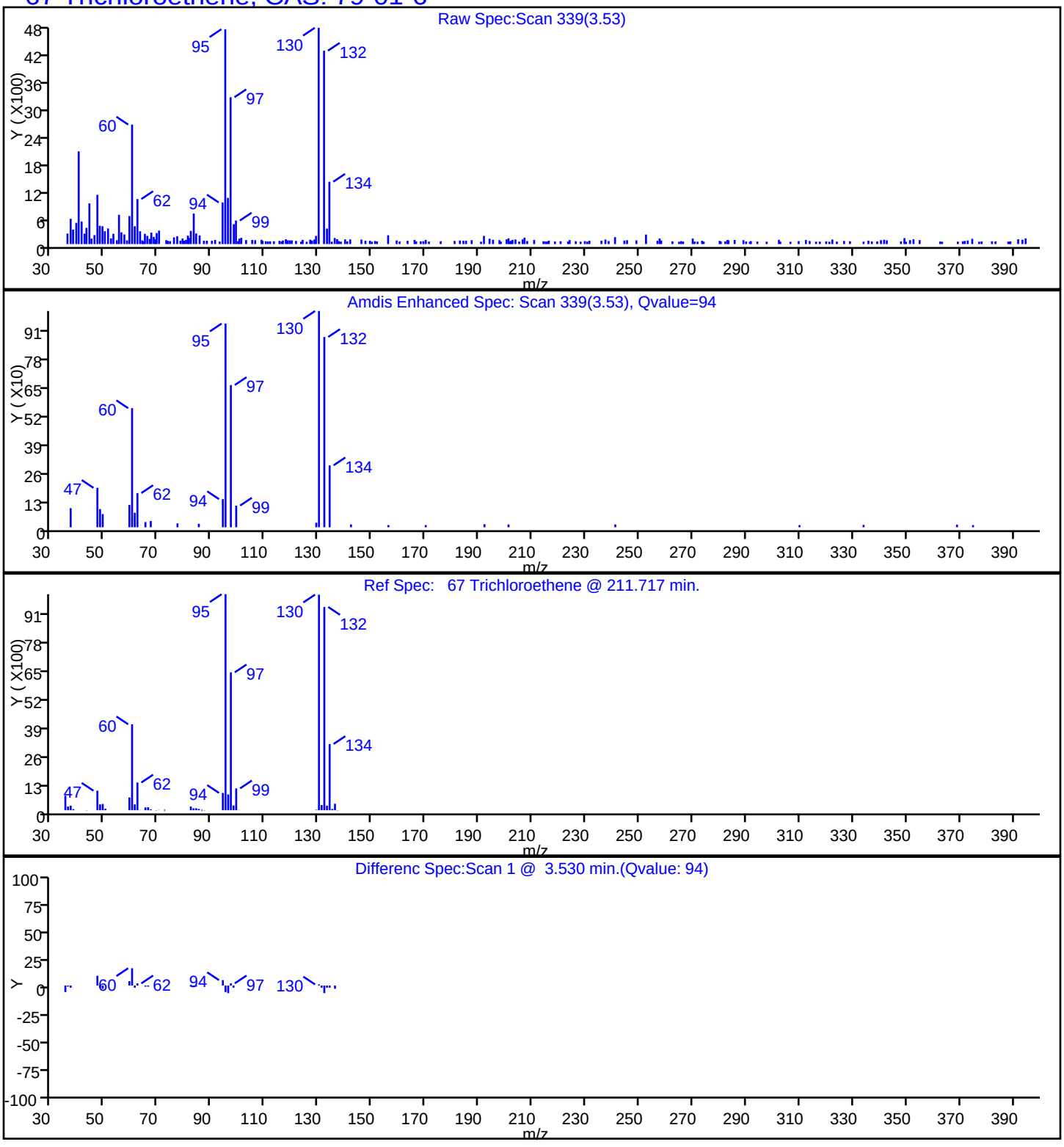
99 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

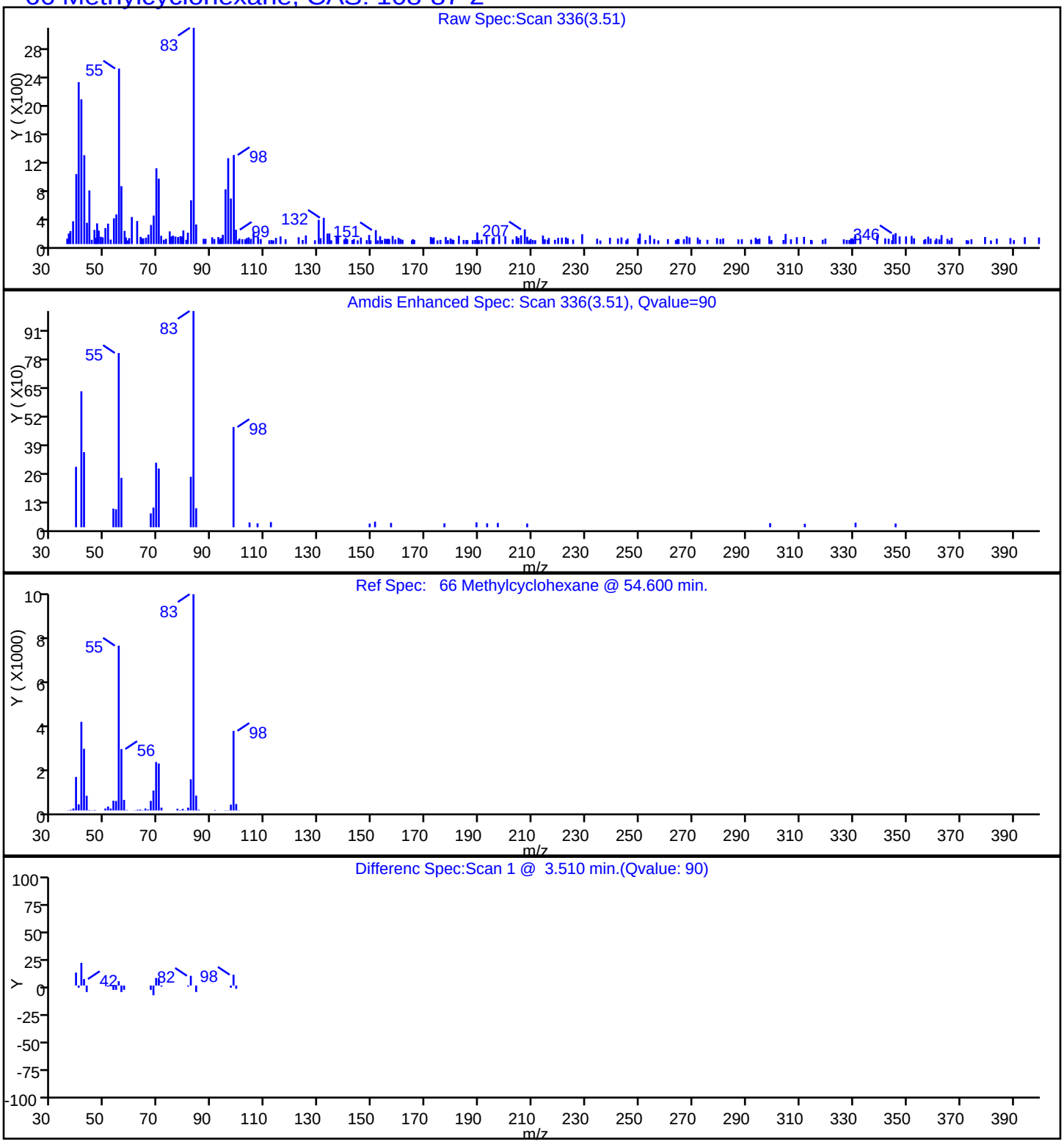
67 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D				
Injection Date:	05-Oct-2016 23:11:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-1	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	38
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

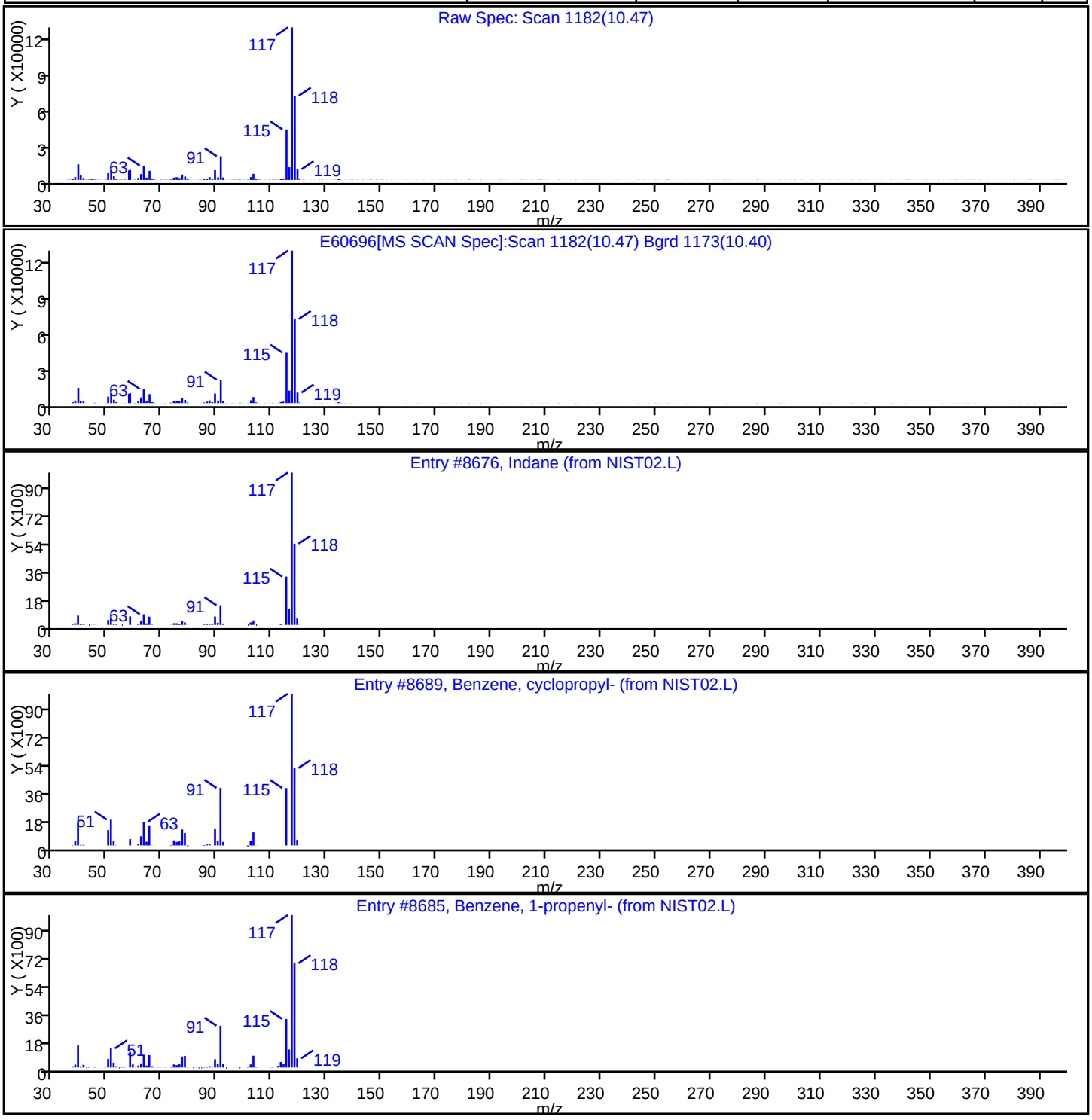
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

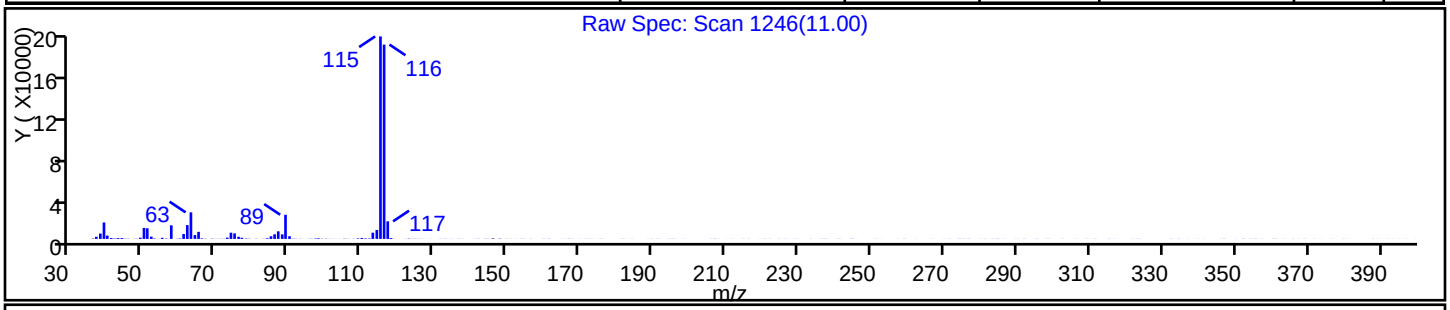
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8676	C9H10	118	95
Benzene, cyclopropyl-	873-49-4	NIST02.L	8689	C9H10	118	81
Benzene, 1-propenyl-	637-50-3	NIST02.L	8685	C9H10	118	68

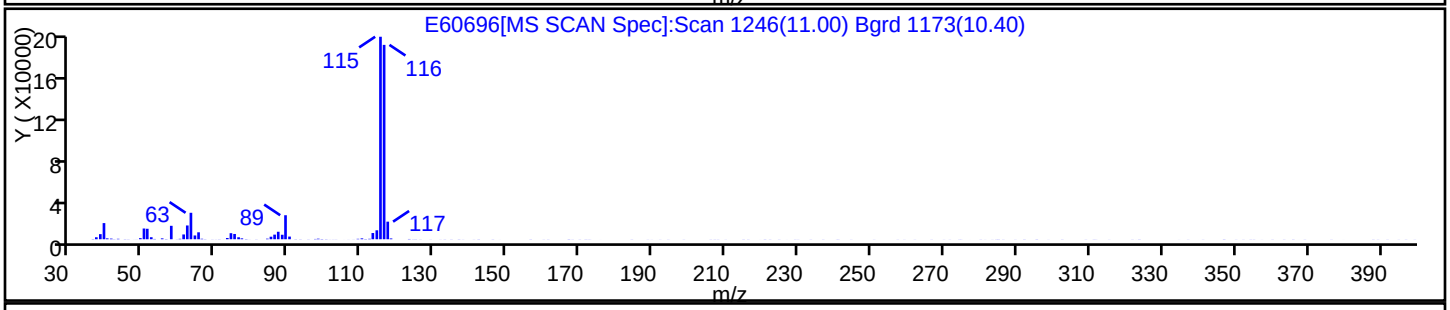


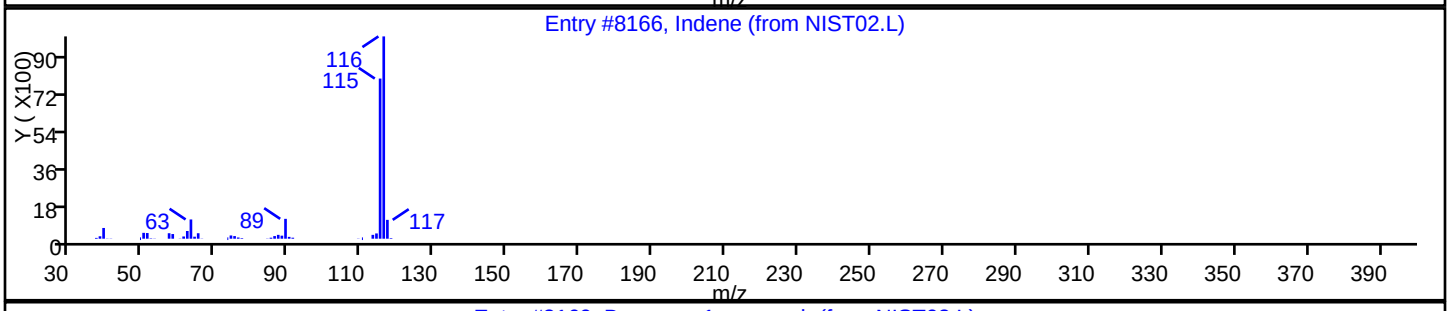
TestAmerica Edison

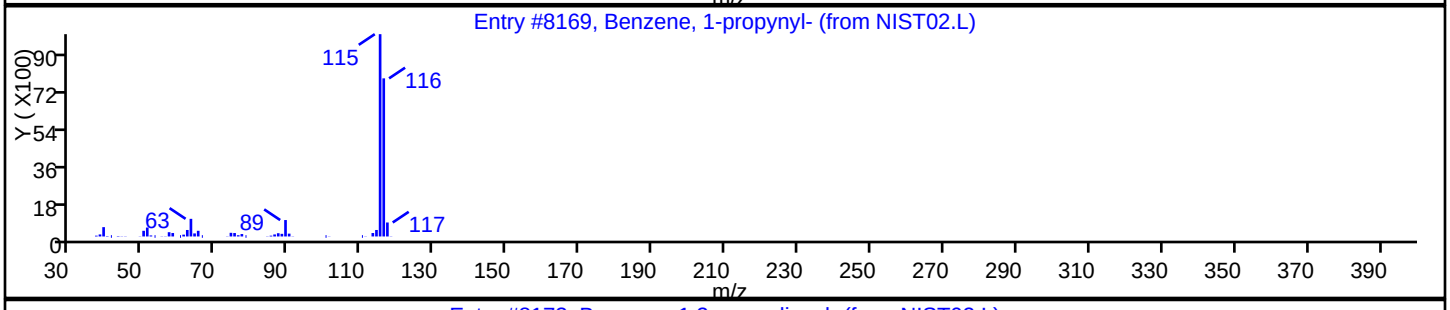
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

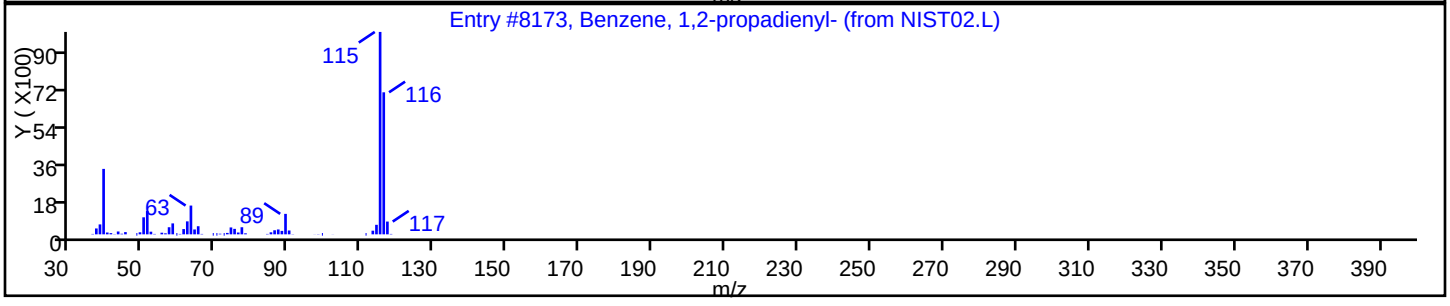
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8166	C9H8	116	97
Benzene, 1-propynyl-	673-32-5	NIST02.L	8169	C9H8	116	94
Benzene, 1,2-propadienyl-	2327-99-3	NIST02.L	8173	C9H8	116	91







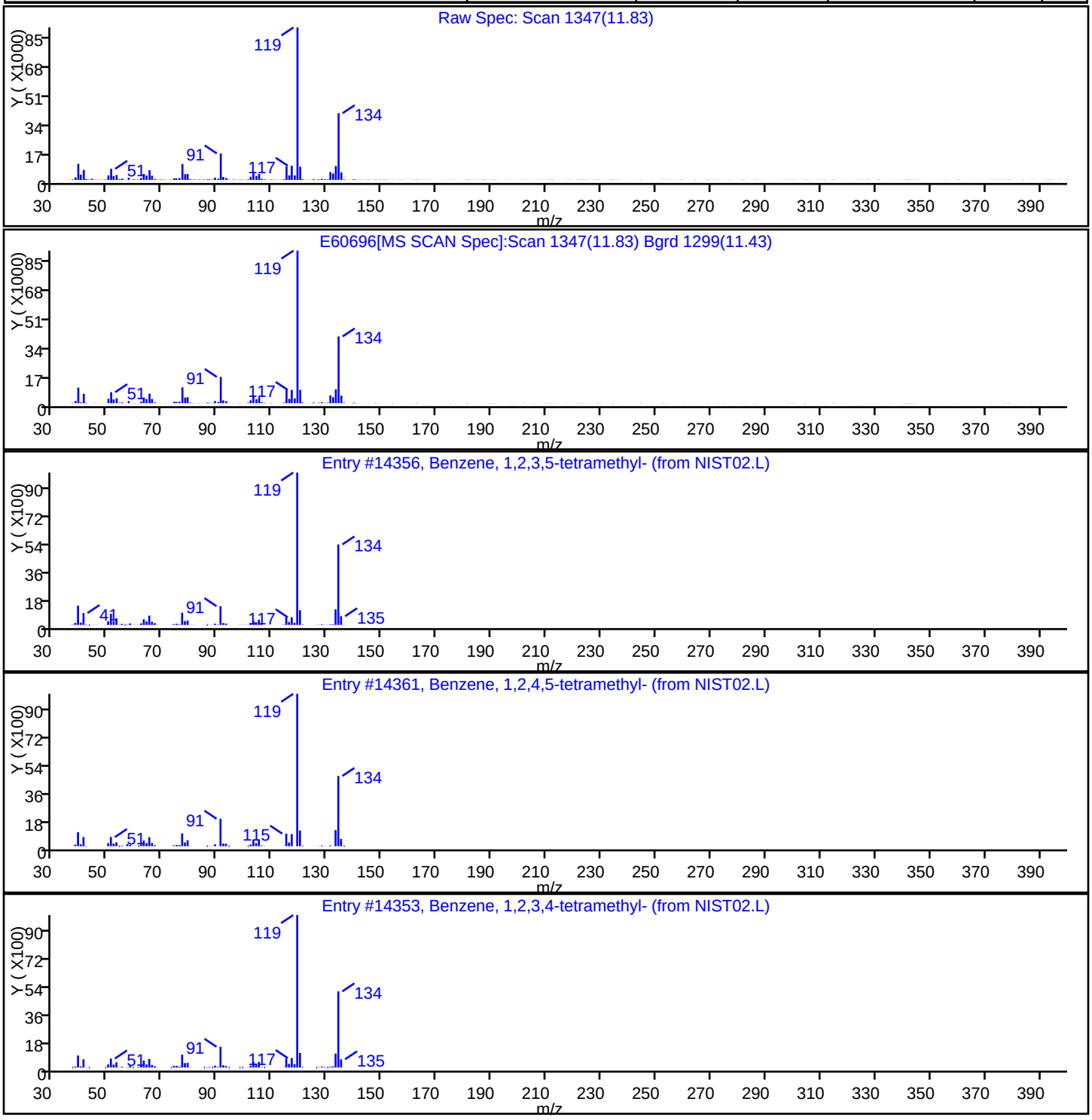




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

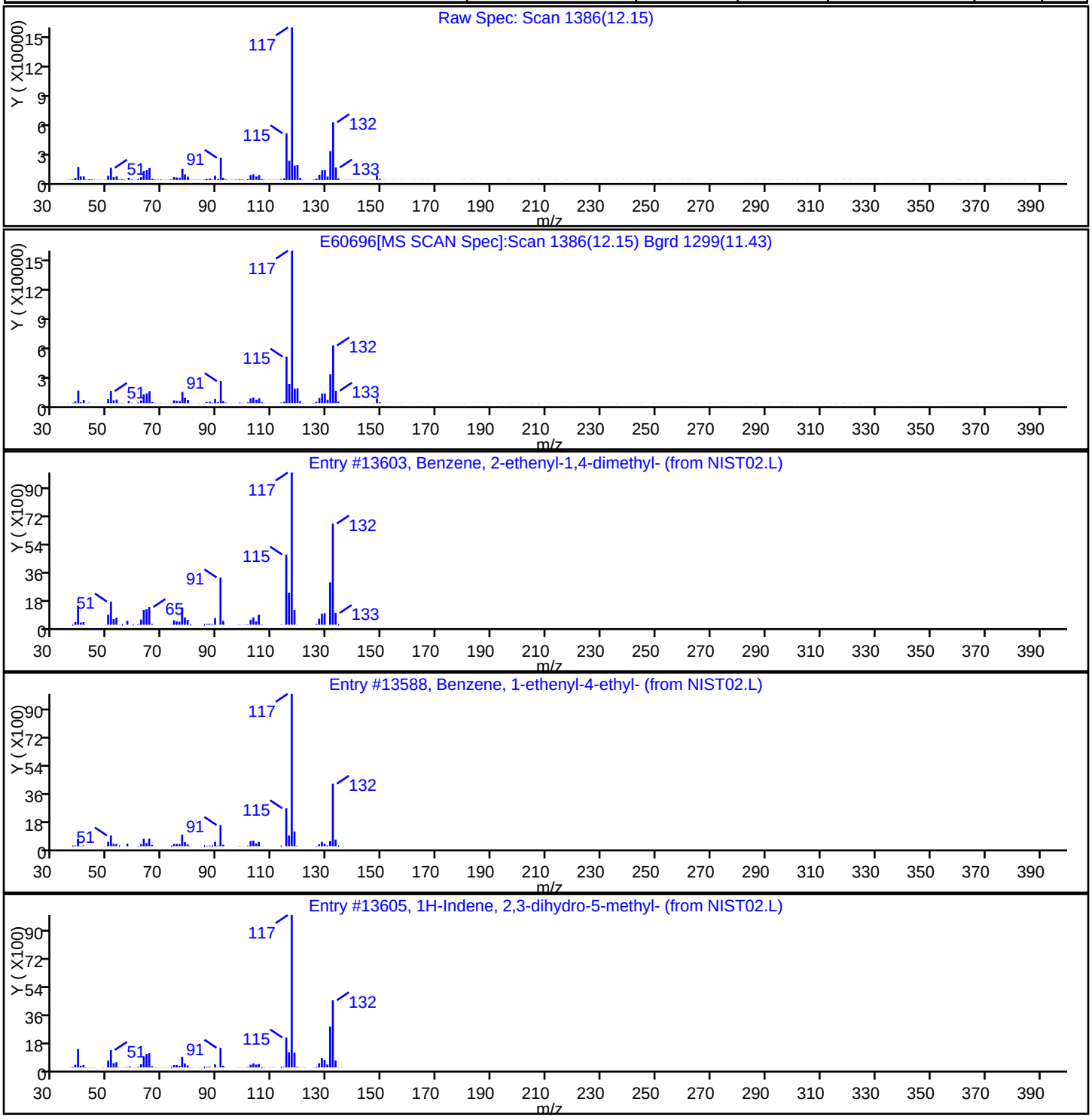
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	96
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	96



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

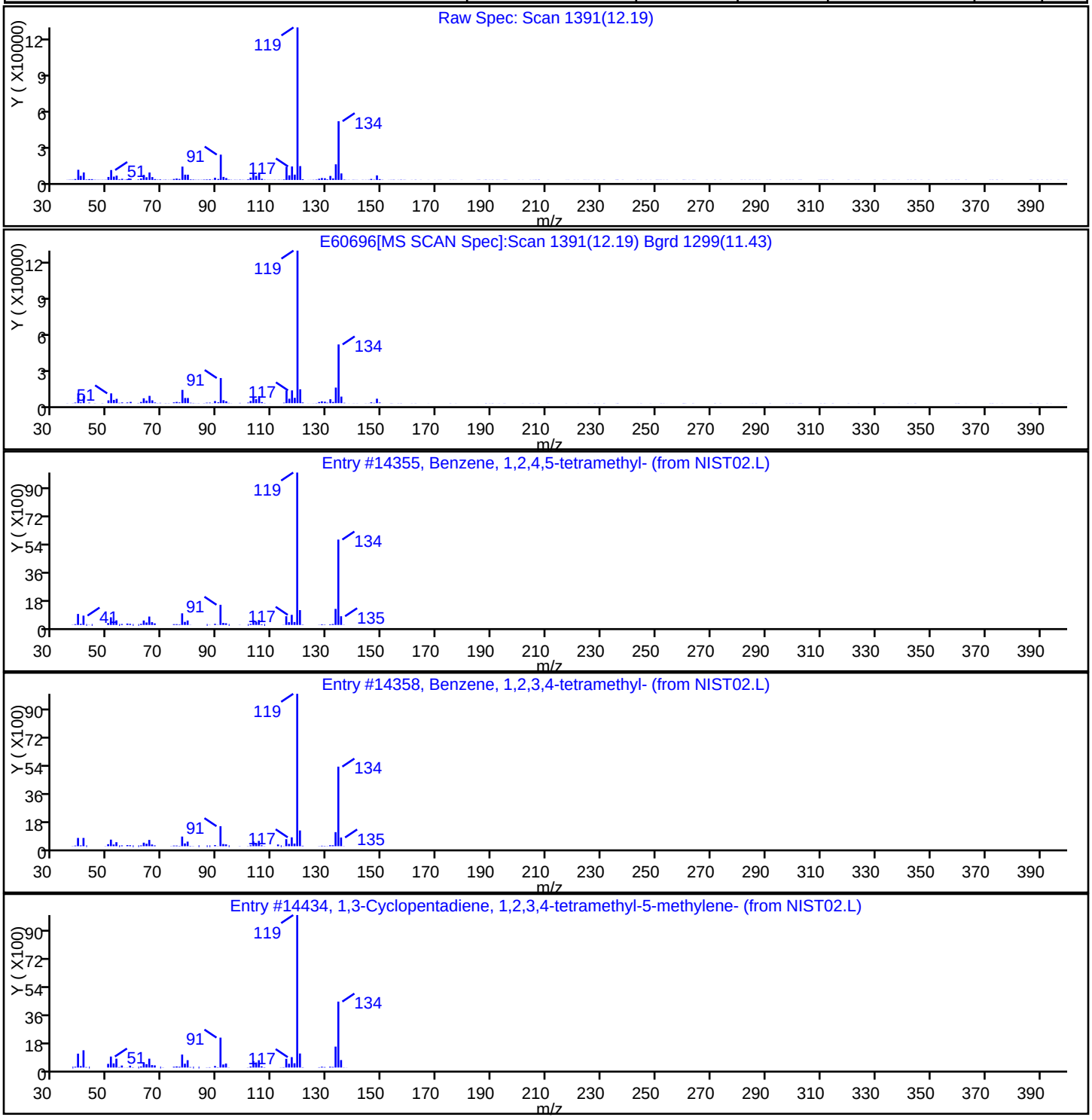
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.L	13603	C10H12	132	96
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	C10H12	132	94
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.L	13605	C10H12	132	93



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

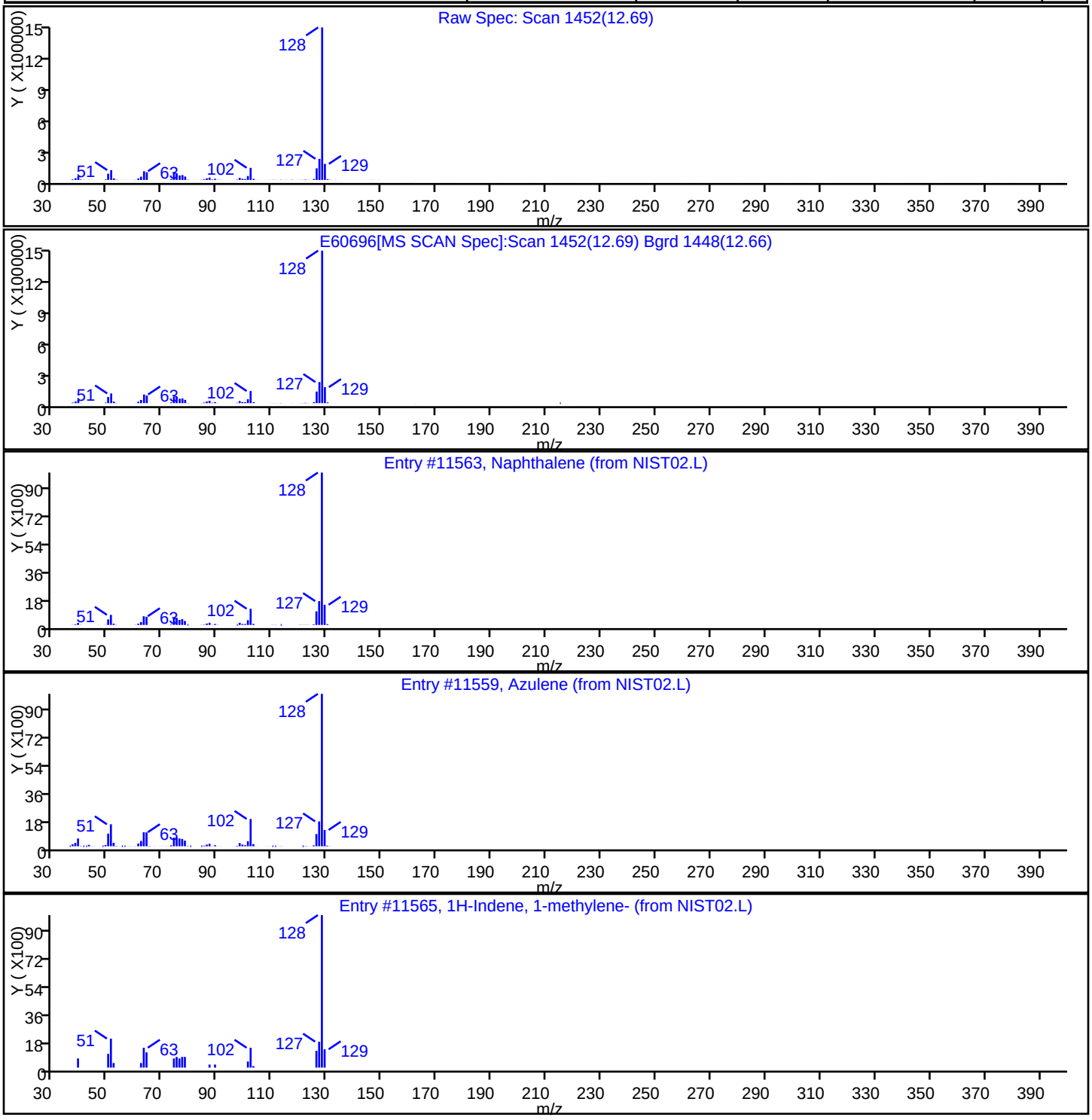
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	96
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14358	C10H14	134	96
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	96



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D
Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02.L	11563	C10H8	128	97
Azulene	275-51-4	NIST02.L	11559	C10H8	128	91
1H-Indene, 1-methylene-	2471-84-3	NIST02.L	11565	C10H8	128	91



Report Date: 10-Oct-2016 14:02:29 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60696.D

Injection Date: 05-Oct-2016 23:11:30 Instrument ID: CVOAMS5

Lims ID: 460-121208-B-1 Lab Sample ID: 460-121208-1

Client ID: MW-14

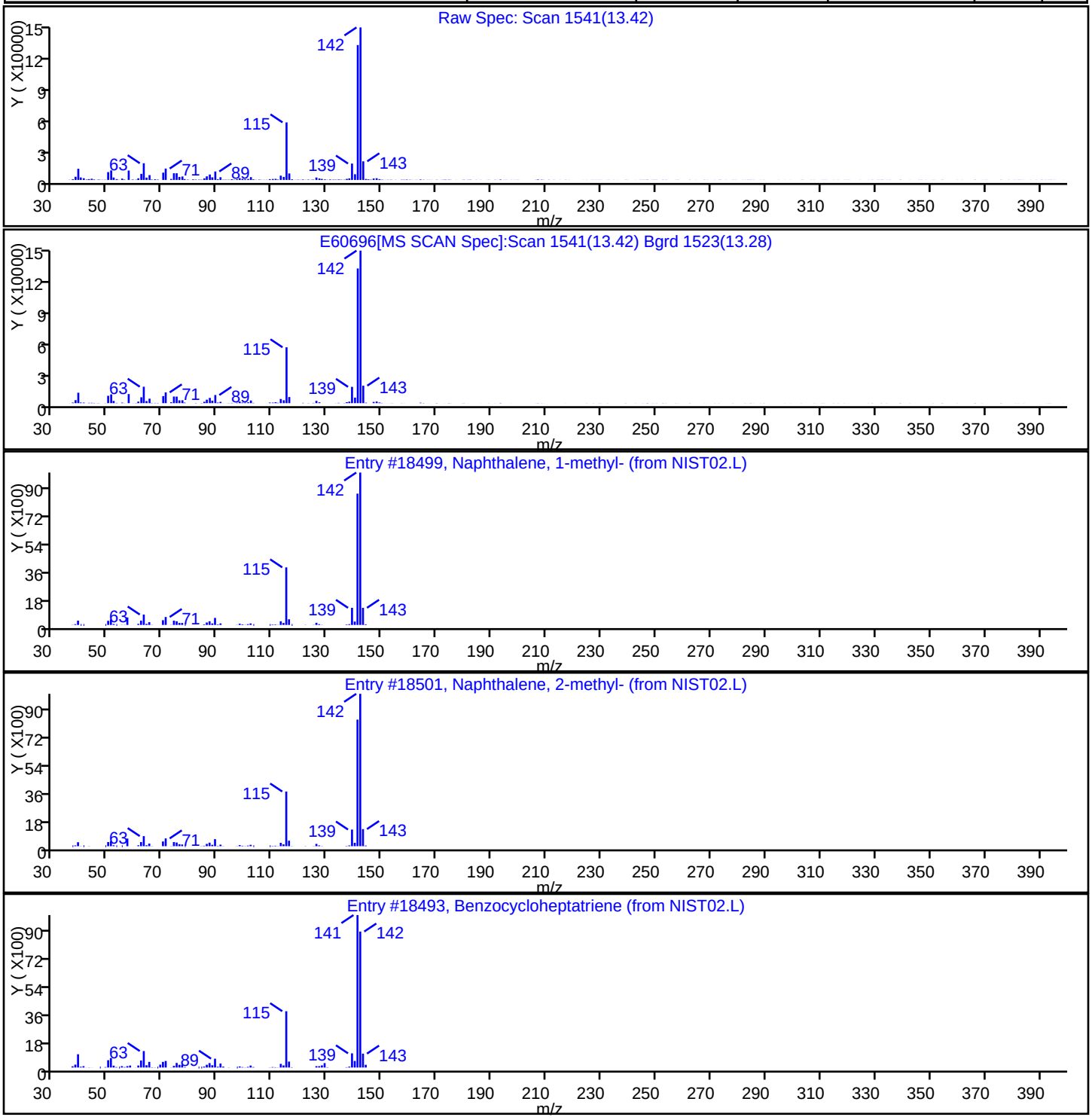
Operator ID: ALS Bottle#: 30 Worklist Smp#: 38

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

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
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: E60695.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 22:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	4.4		1.0	0.22
108-88-3	Toluene	0.31	J	1.0	0.25
71-43-2	Benzene	0.29	J	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.60	J	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.42	J	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	6.2		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	2.0		1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.74	J	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.5		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	1.4		1.0	0.12
98-82-8	Isopropylbenzene	1.2		1.0	0.32
100-41-4	Ethylbenzene	3.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: E60695.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 22:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.99	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	5.4		2.0	0.28
79-01-6	Trichloroethene	4.1		1.0	0.22
108-87-2	Methylcyclohexane	0.38	J	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		48-130
2037-26-5	Toluene-d8 (Surr)	112		80-120
460-00-4	Bromofluorobenzene	96		71-131
1868-53-7	Dibromofluoromethane (Surr)	109		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: E60695.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 22:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 94.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
611-14-3	Benzene, 1-ethyl-2-methyl-	9.33	17	J N	94%
526-73-8	Benzene, 1,2,3-trimethyl-	10.31	6.5	J N	95%
496-11-7	Indane	10.47	12	J N	87%
767-58-8	Indan, 1-methyl-	11.38	9.5	J N	93%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.83	7.5	J N	95%
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.15	15	J N	96%
488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.19	9.1	J N	95%
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.26	5.8	J N	95%
	Unknown	12.76	6.0	J	
	Unknown Aromatic	13.07	6.1	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Lims ID: 460-121208-B-2
Client ID: MW-9
Sample Type: Client
Inject. Date: 05-Oct-2016 22:45:30 ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-2
Misc. Info.: 460-0046448-037
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 14:01:20 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 10-Oct-2016 14:01:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.871	1.887	-0.016	97	423506	1000.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	93	3563	0.9868	
41 Cyclohexane	56	2.595	2.595	0.000	93	2695	0.6044	
43 Chloroform	83	2.652	2.652	0.000	95	27075	4.45	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	161687	54.4	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	97	406388	250.0	
55 Benzene	78	3.056	3.056	0.000	96	3943	0.2920	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	209338	55.9	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	571417	50.0	
66 Methylcyclohexane	83	3.508	3.508	0.000	59	1658	0.3757	
67 Trichloroethene	95	3.533	3.525	0.008	96	14983	4.15	
* 74 1,4-Dioxane-d8	96	4.233	4.233	0.001	95	40016	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	629110	56.0	
81 Toluene	91	4.916	4.907	0.009	95	4563	0.3119	
84 Tetrachloroethene	166	5.335	5.327	0.008	89	4861	1.41	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	503214	50.0	
95 Chlorobenzene	112	6.693	6.701	-0.008	38	4034	0.4208	
96 Ethylbenzene	106	6.792	6.784	0.008	99	17552	3.44	
98 m-Xylene & p-Xylene	106	7.014	6.998	0.016	94	3340	0.5416	
99 o-Xylene	106	7.582	7.582	0.000	94	30058	4.86	
103 Isopropylbenzene	105	8.068	8.059	0.009	96	17832	1.16	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	87	190382	48.2	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	294777	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	90	12284	1.53	
127 1,2-Dichlorobenzene	146	10.866	10.857	0.009	93	5664	0.7374	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	36441	6.24	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	92	10803	1.99	
S 137 Xylenes, Total	100				0		5.41	

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D				
Lims ID:	460-121208-B-2				
Client ID:	MW-9				
Sample Type:	Client				
Inject. Date:	05-Oct-2016 22:45:30	ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-121208-B-2				
Misc. Info.:	460-0046448-037				
Operator ID:		Instrument ID:	CVOAMS5		
Method:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m				
Limit Group:	VOA 624 ICAL				
Last Update:	10-Oct-2016 14:01:20	Calib Date:	01-Oct-2016 22:47:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	50				
Column 1 :	Rtx-VMS (0.18 mm)		Det: MS SCAN		
Process Host:	XAWRK052				
First Level Reviewer: delpolitov		Date:	10-Oct-2016 14:01:20		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
611-14-3 Benzene, 1-ethyl-2-methyl-								
9.327	566057	17.4	94	94	9130	C9H12	120	I
526-73-8 Benzene, 1,2,3-trimethyl-								
10.306	213491	6.55	94	95	9113	C9H12	120	I
496-11-7 Indane								
10.471	380803	11.7	94	87	8674	C9H10	118	
767-58-8 Indan, 1-methyl-								
11.384	308183	9.45	94	93	13567	C10H12	132	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
11.829	243032	7.45	94	95	14355	C10H14	134	
2039-89-6 Benzene, 2-ethenyl-1,4-dimethyl-								
12.149	482159	14.8	94	96	13603	C10H12	132	
488-23-3 Benzene, 1,2,3,4-tetramethyl-								
12.191	296377	9.09	94	95	14353	C10H14	134	
119-64-2 Naphthalene, 1,2,3,4-tetrahydro-								
12.256	190281	5.84	94	95	13613	C10H12	132	
Unknown								
12.758	196556	6.03	94	0	0		0	
Unknown Aromatic								
13.071	200096	6.14	94	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 94 Chlorobenzene-d5	6.685	1630284	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

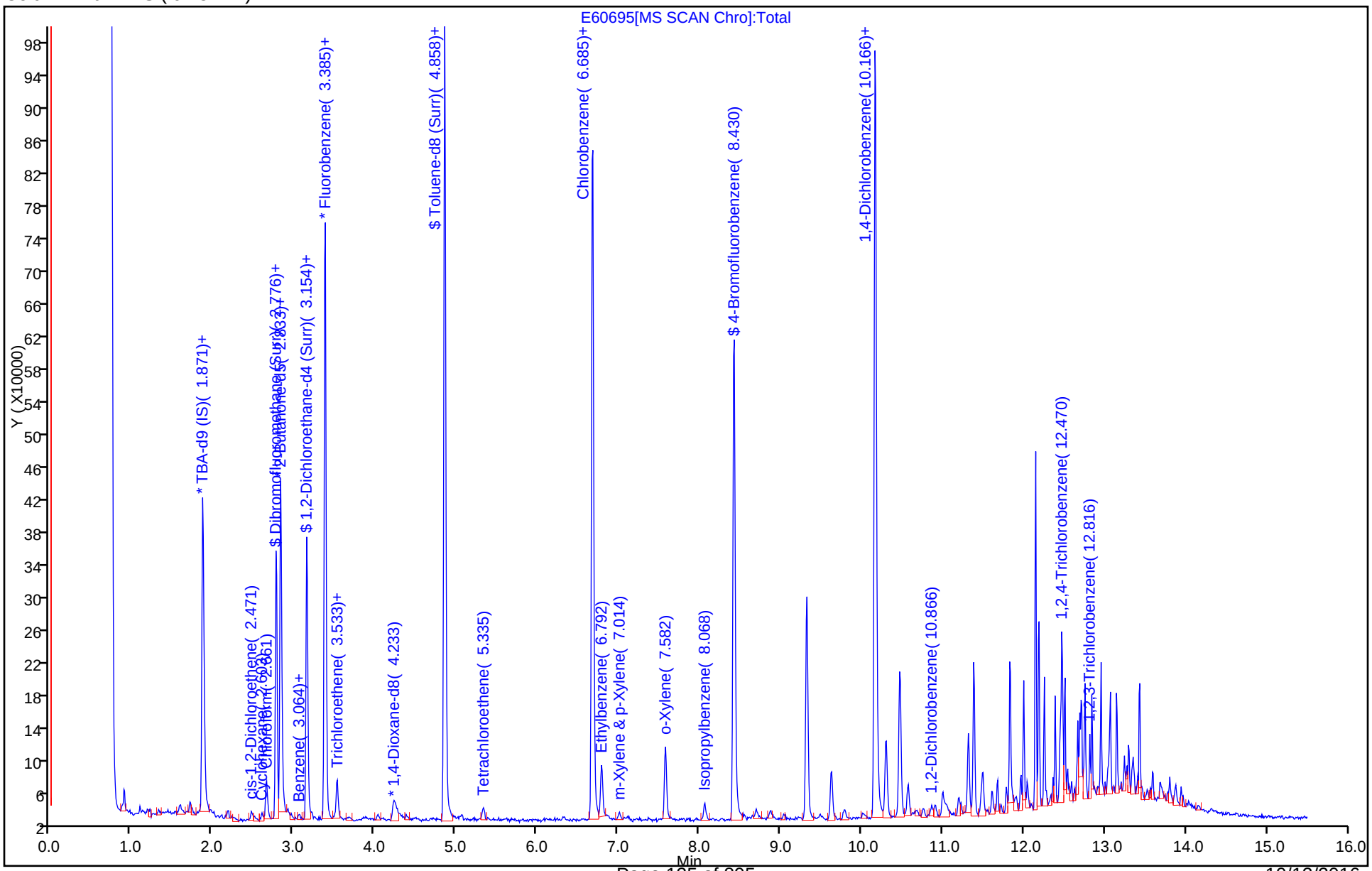
Report Date: 10-Oct-2016 14:01:24 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2	Worklist Smp#:	37
Client ID:	MW-9				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



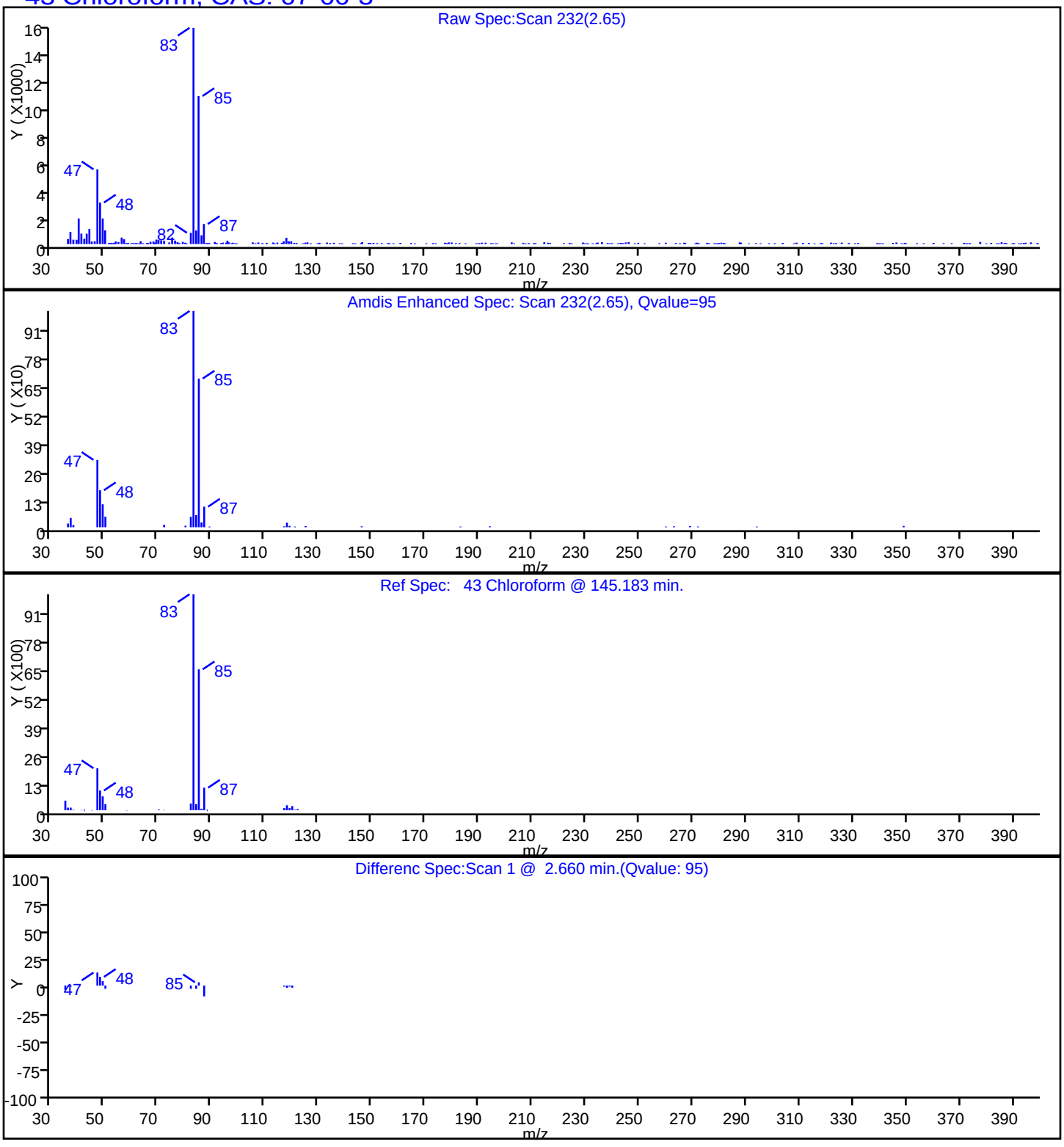
Report Date: 10-Oct-2016 14:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3

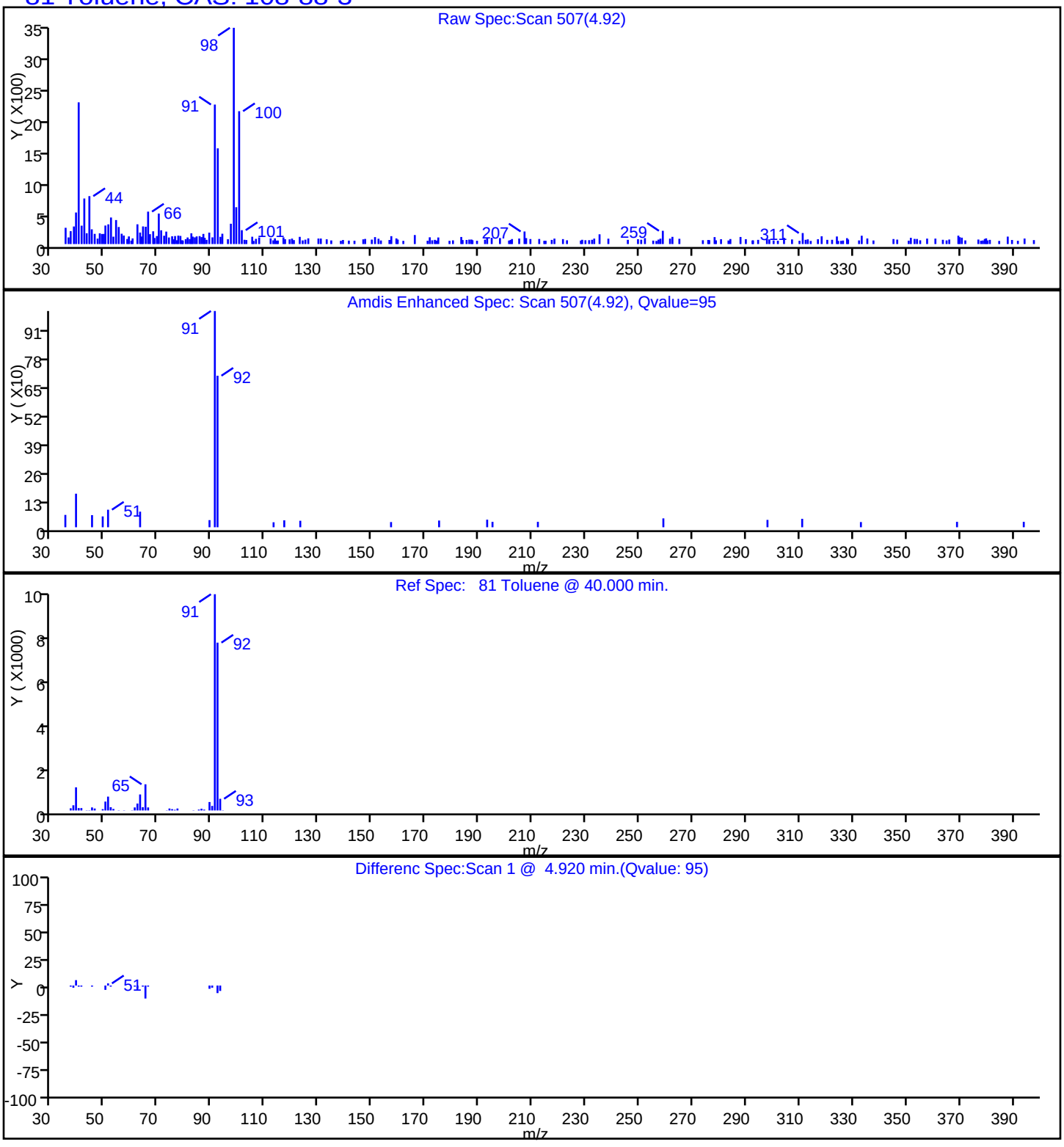


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

81 Toluene, CAS: 108-88-3



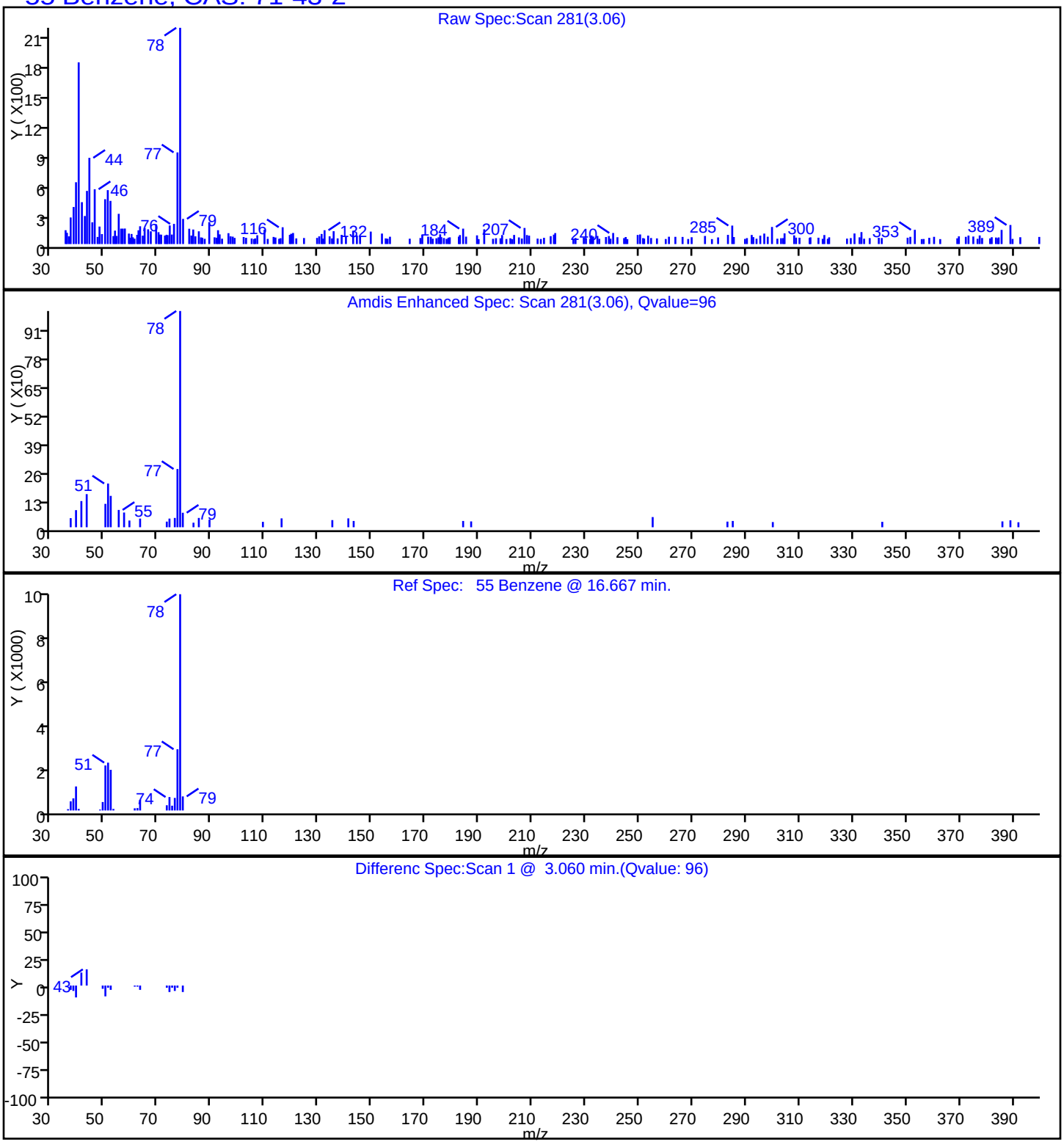
Report Date: 10-Oct-2016 14:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



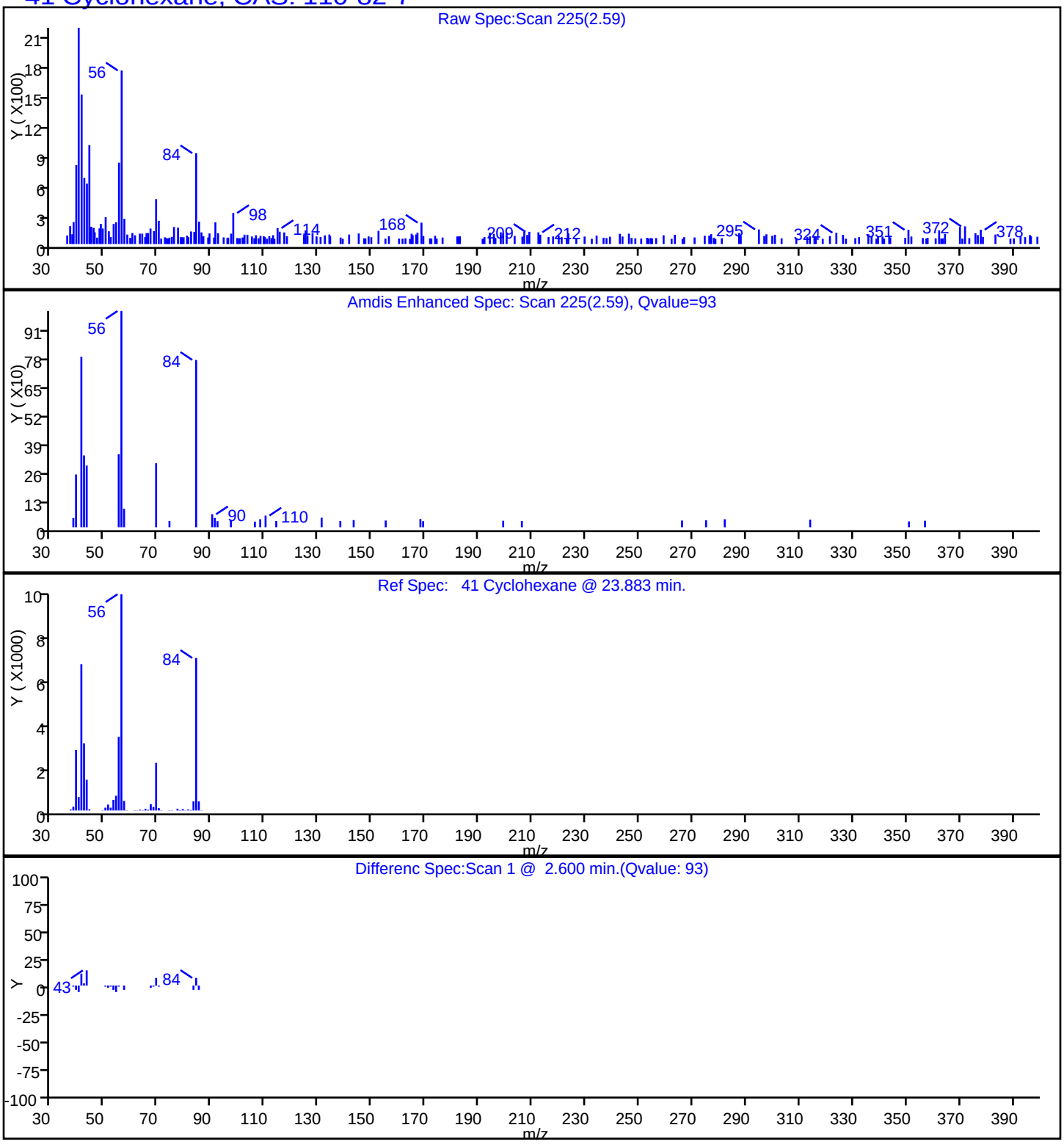
Report Date: 10-Oct-2016 14:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

41 Cyclohexane, CAS: 110-82-7

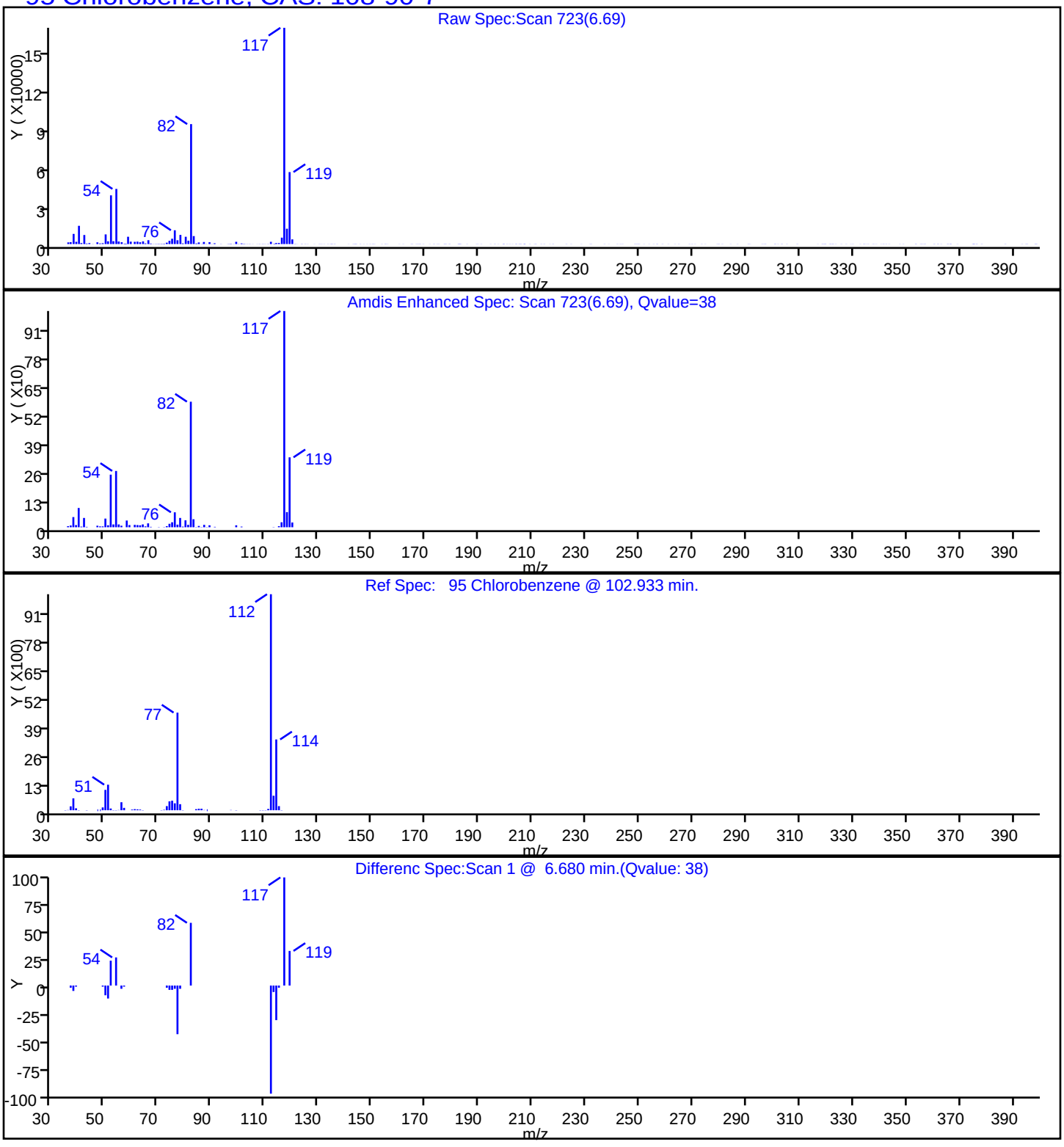


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

95 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D				
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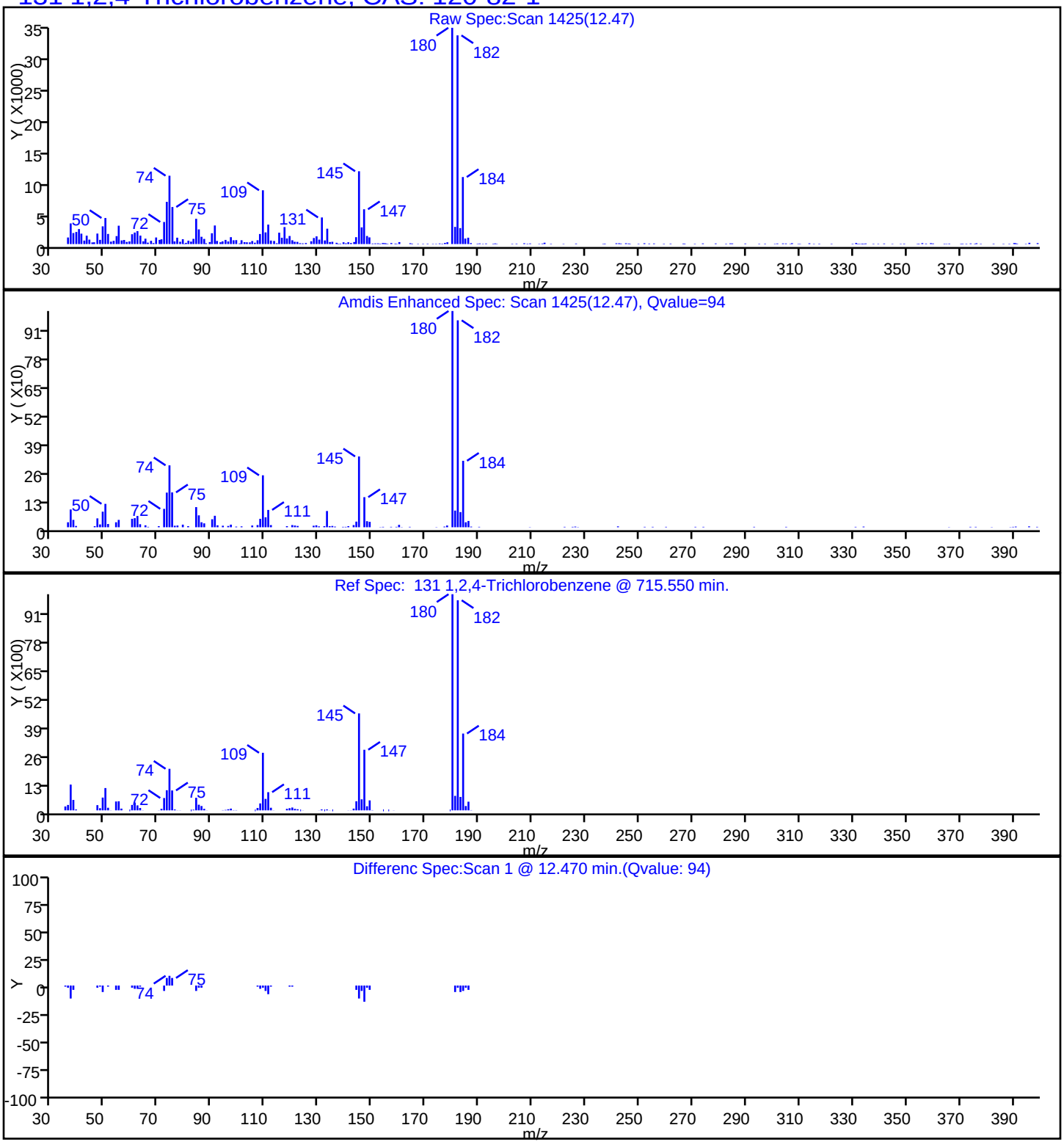
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

131 1,2,4-Trichlorobenzene, CAS: 120-82-1



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Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D				
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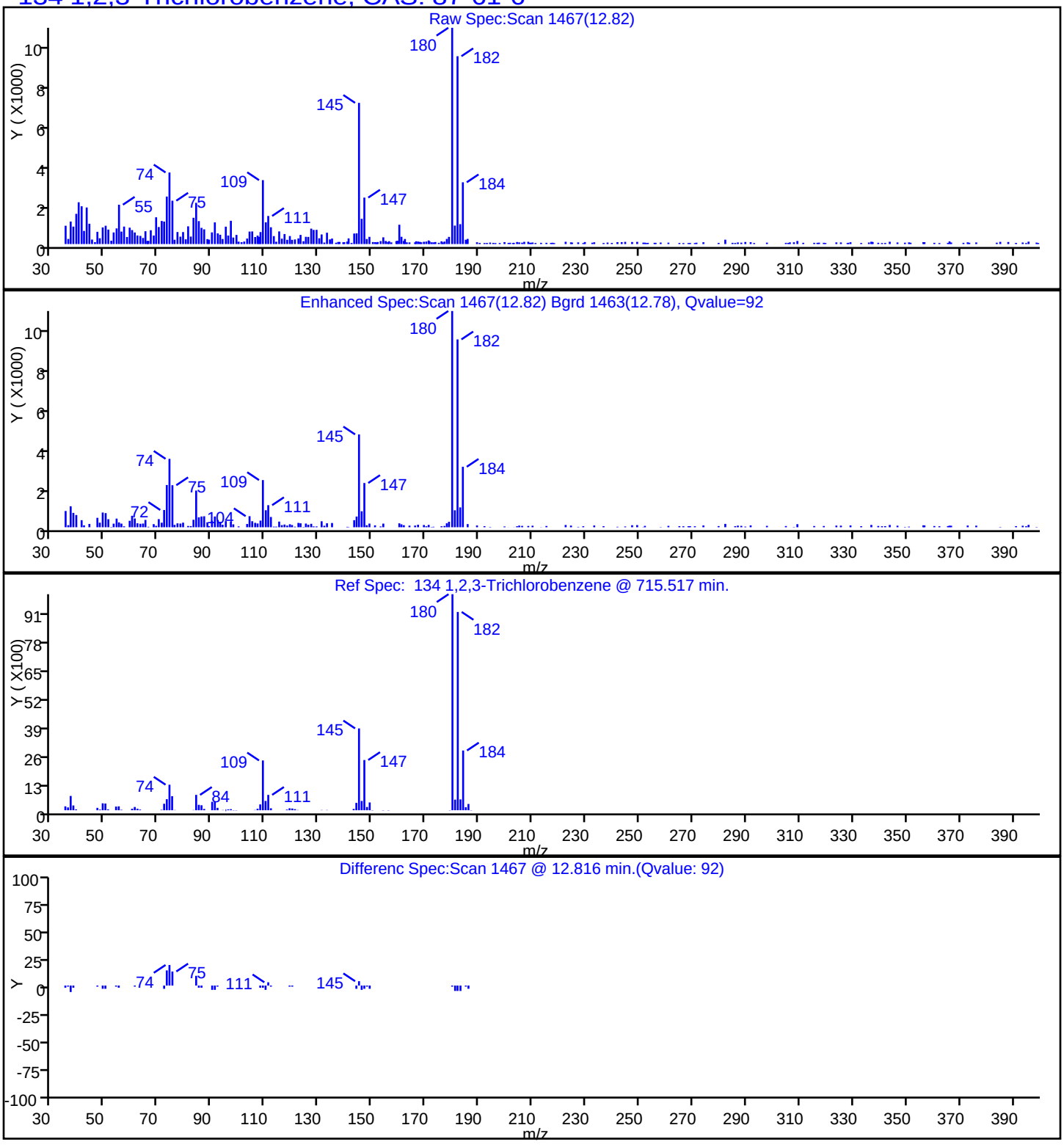
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

134 1,2,3-Trichlorobenzene, CAS: 87-61-6



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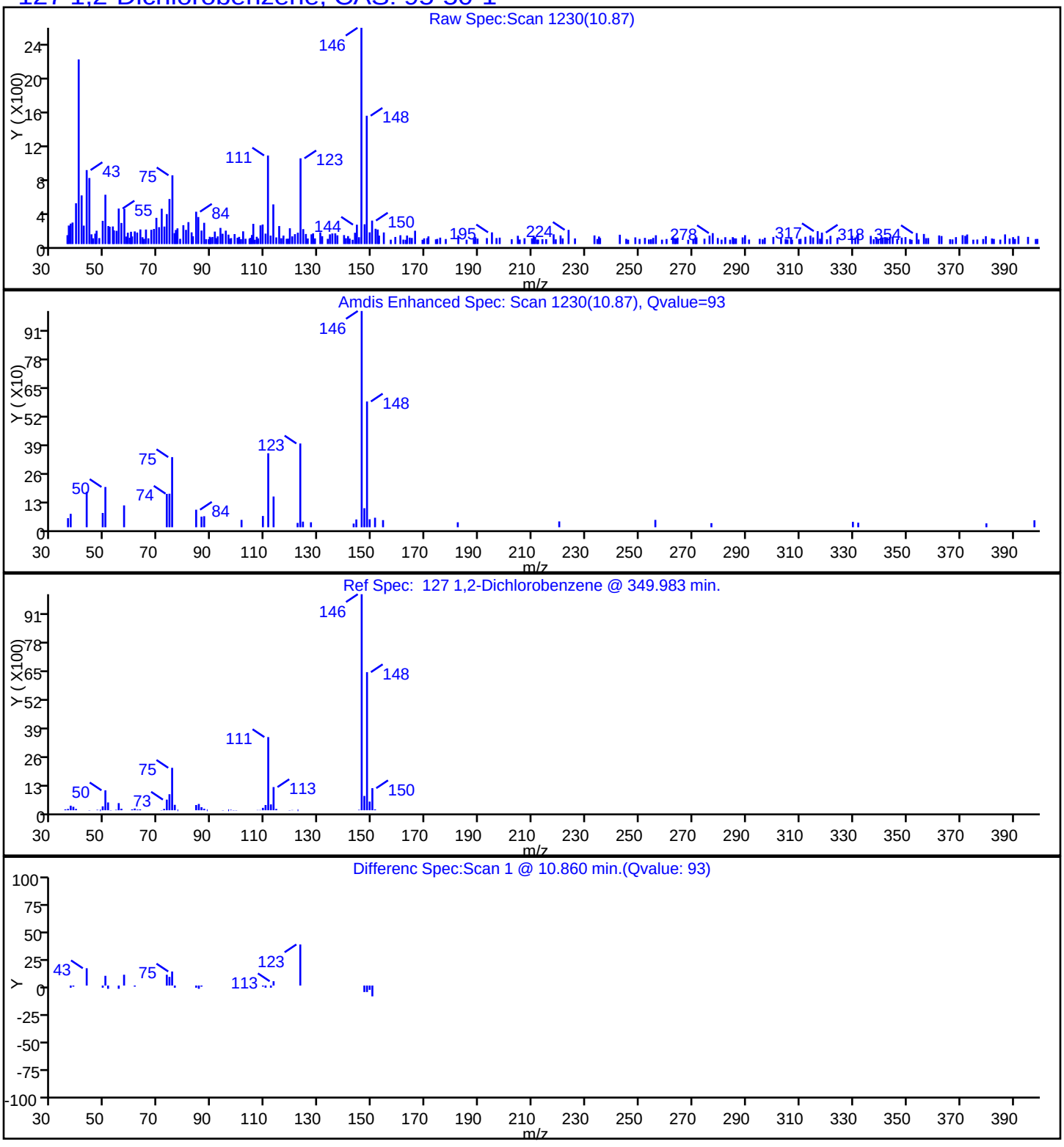
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

127 1,2-Dichlorobenzene, CAS: 95-50-1



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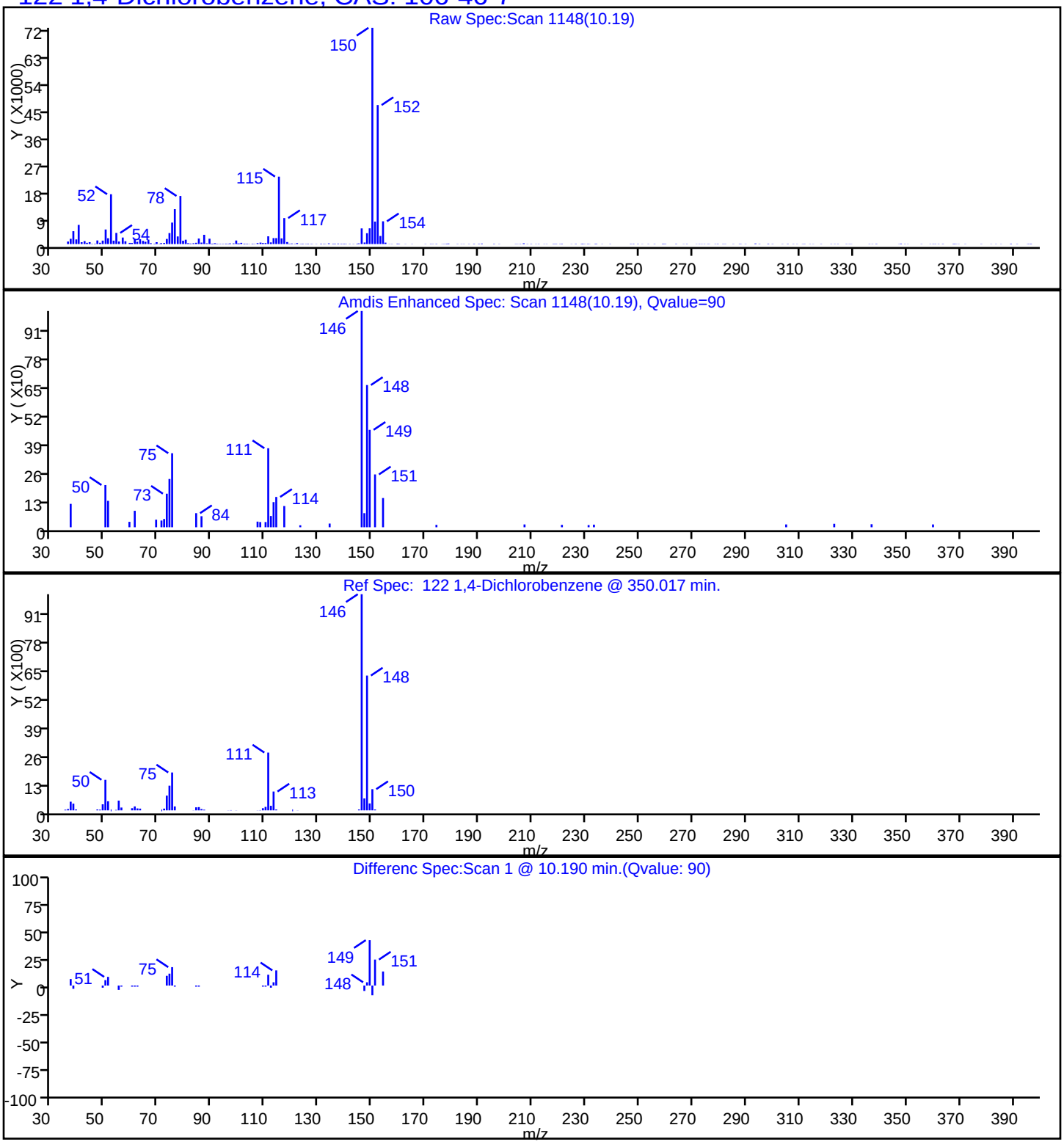
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

122 1,4-Dichlorobenzene, CAS: 106-46-7



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Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D				
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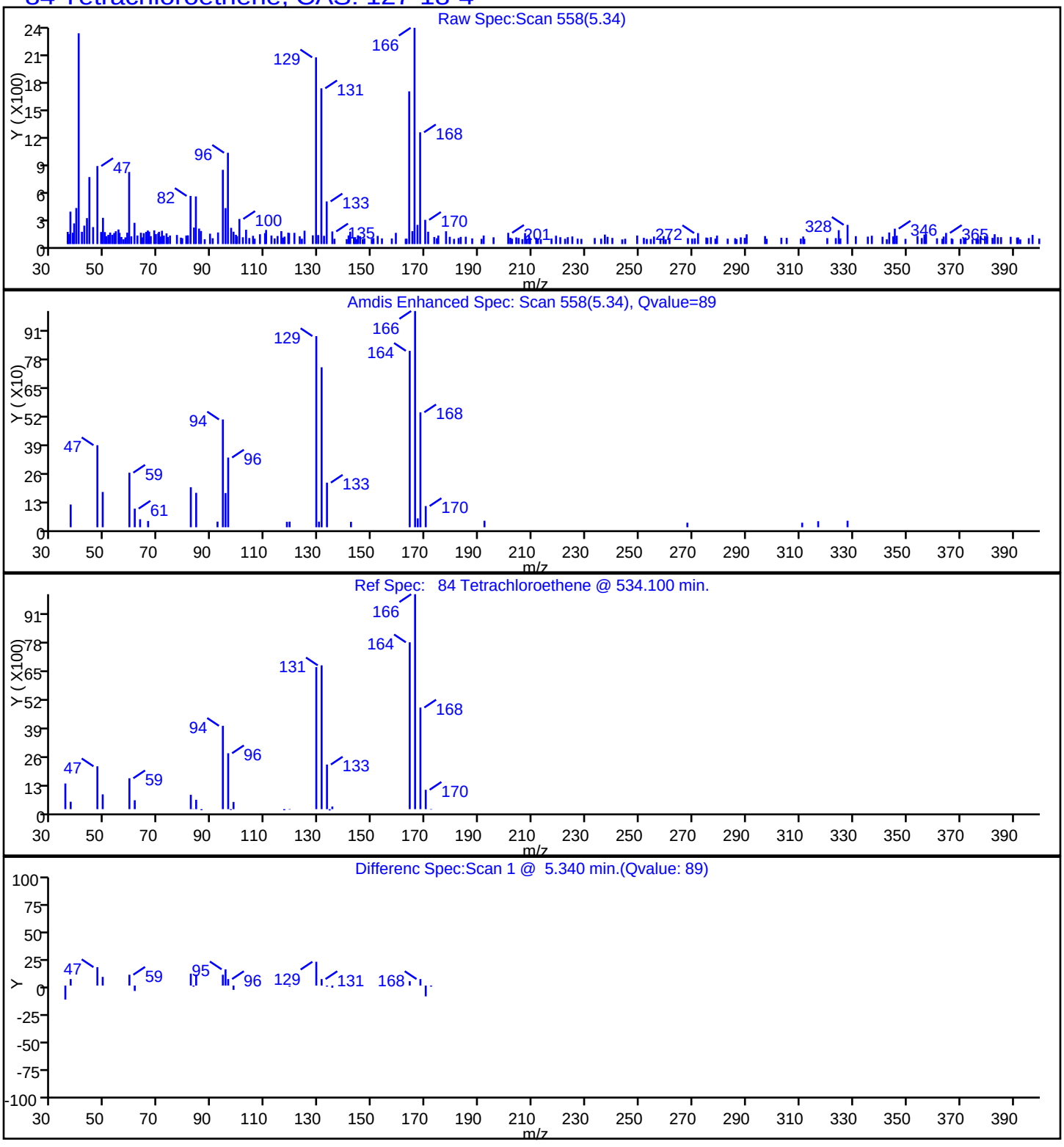
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

84 Tetrachloroethene, CAS: 127-18-4



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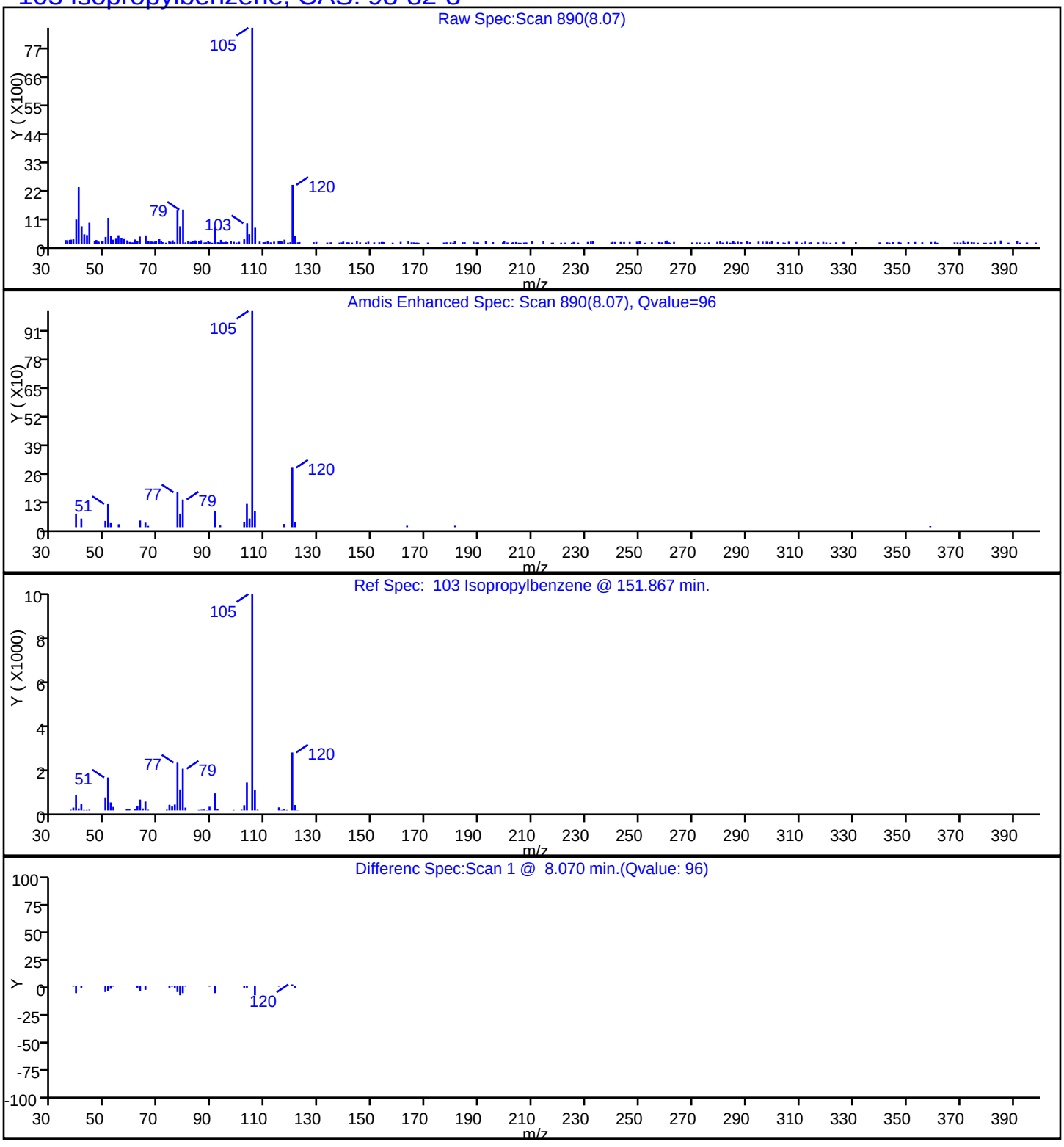
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

103 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

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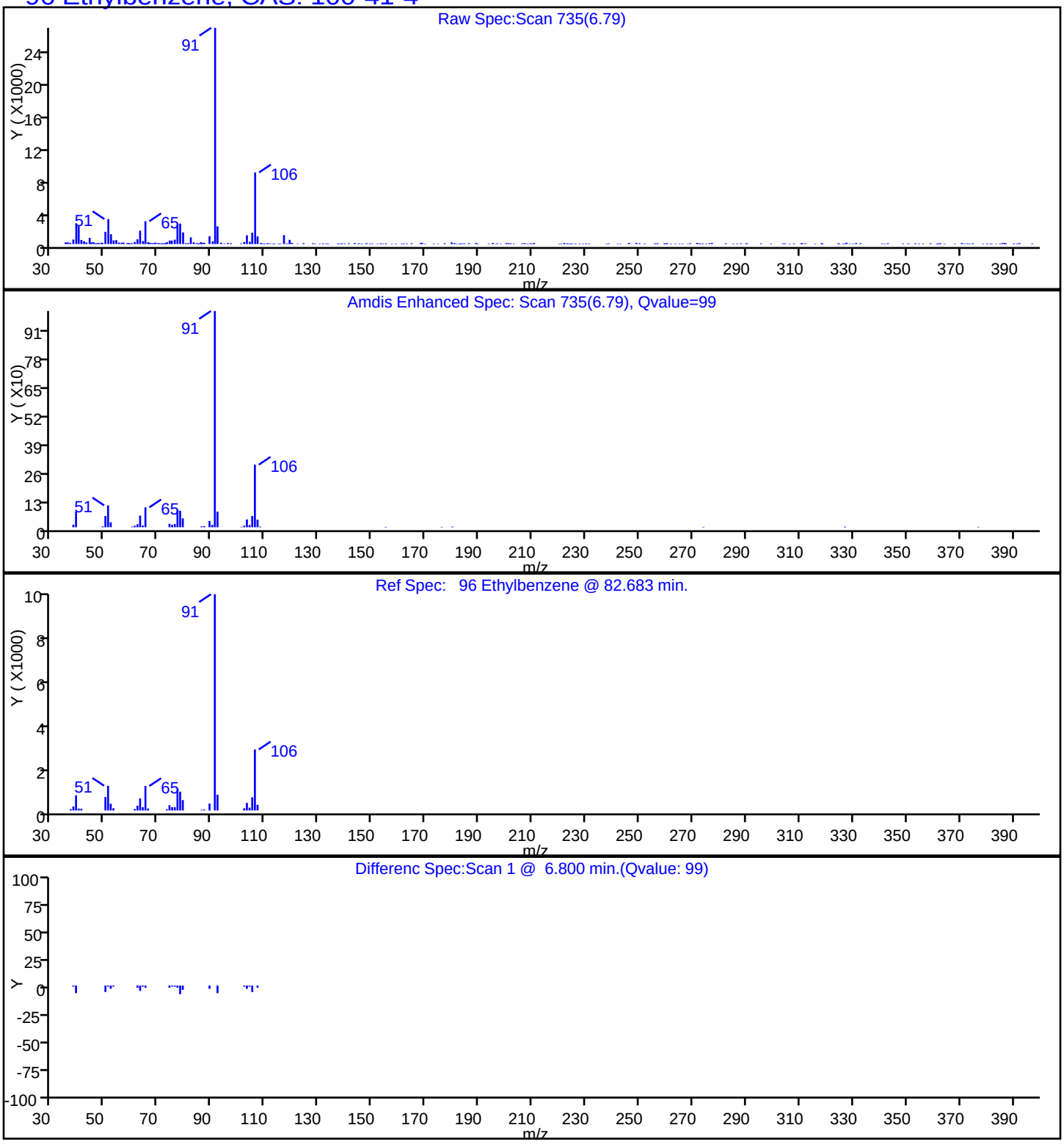
Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

96 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D				
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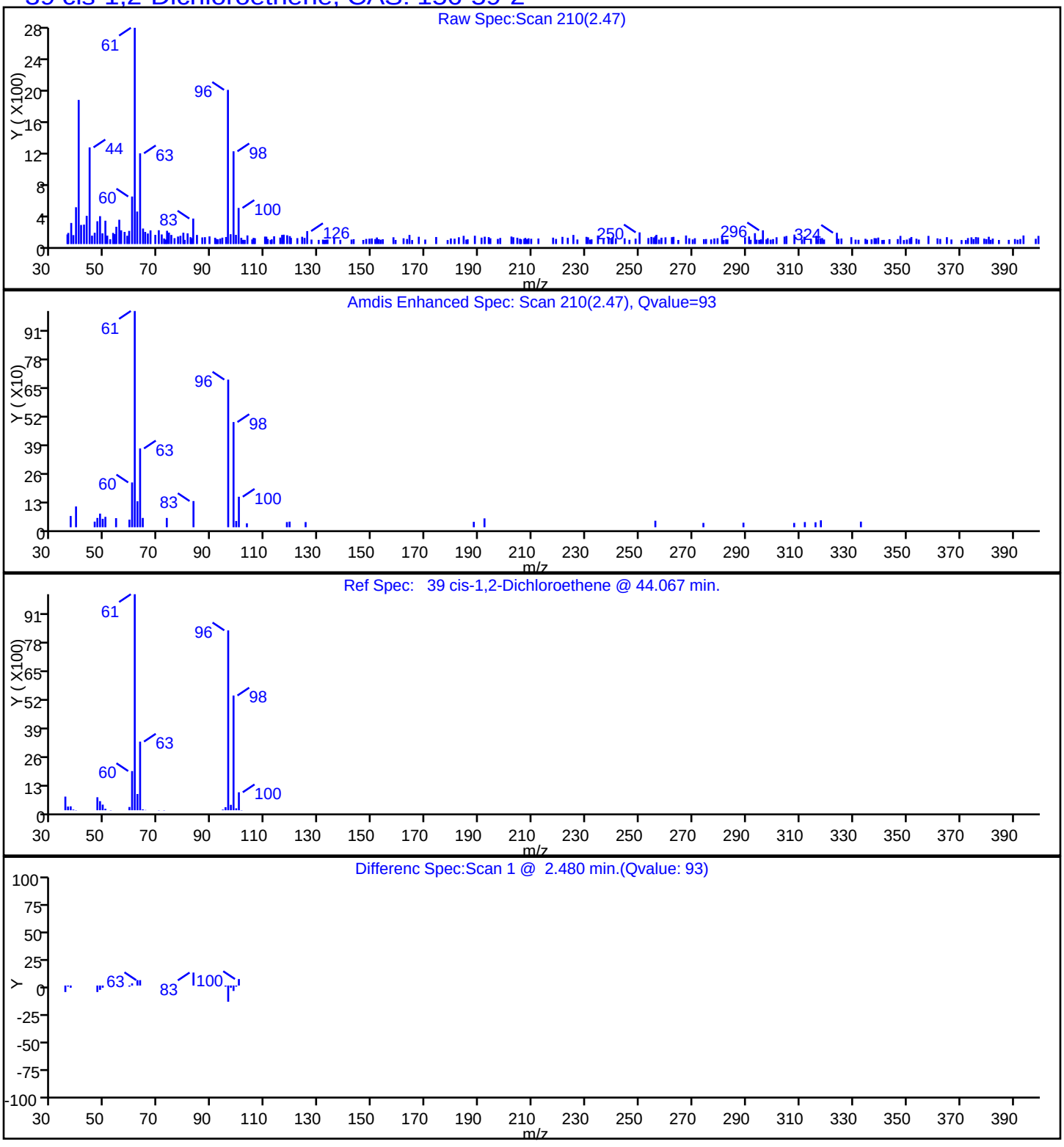
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

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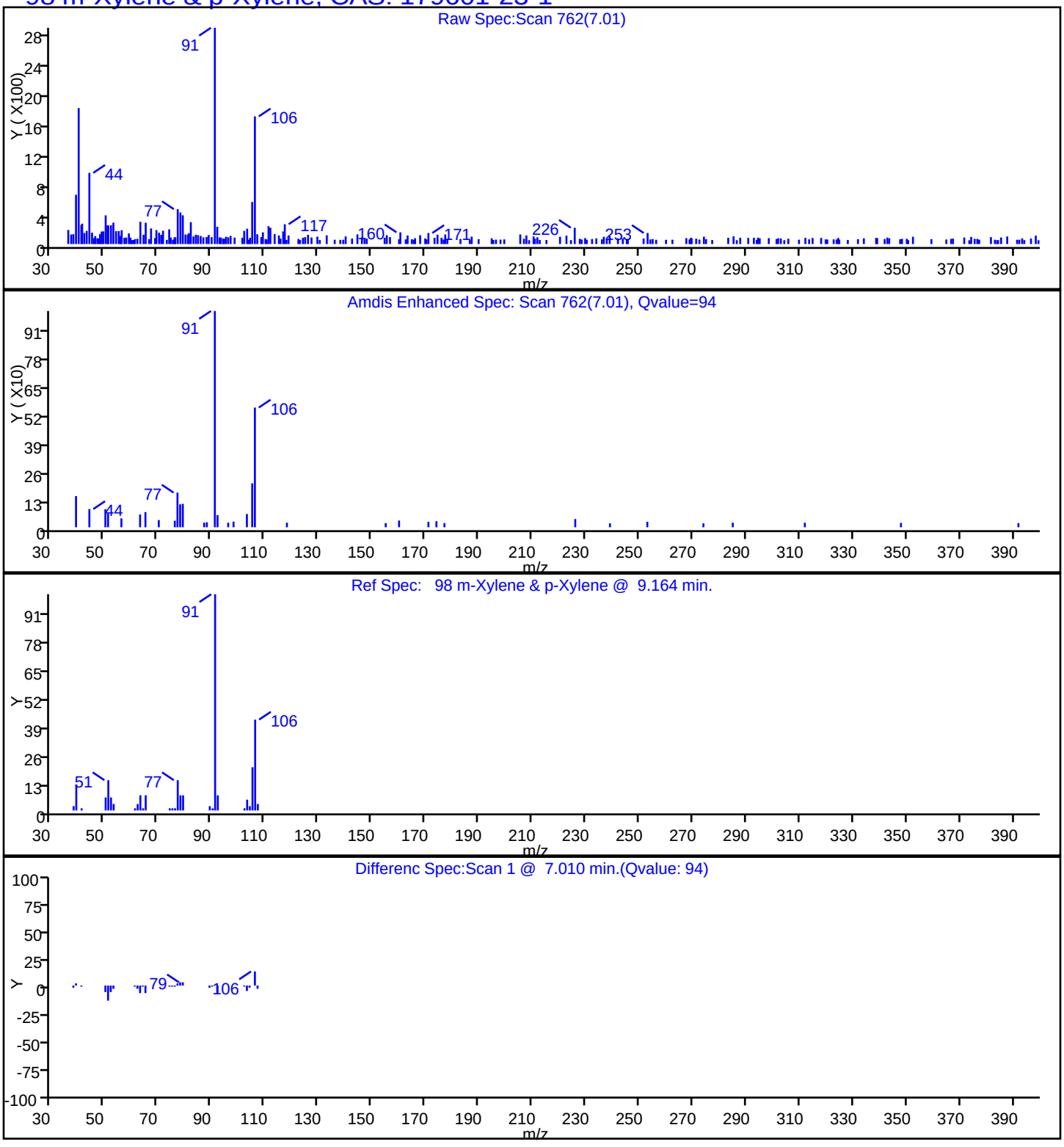
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1

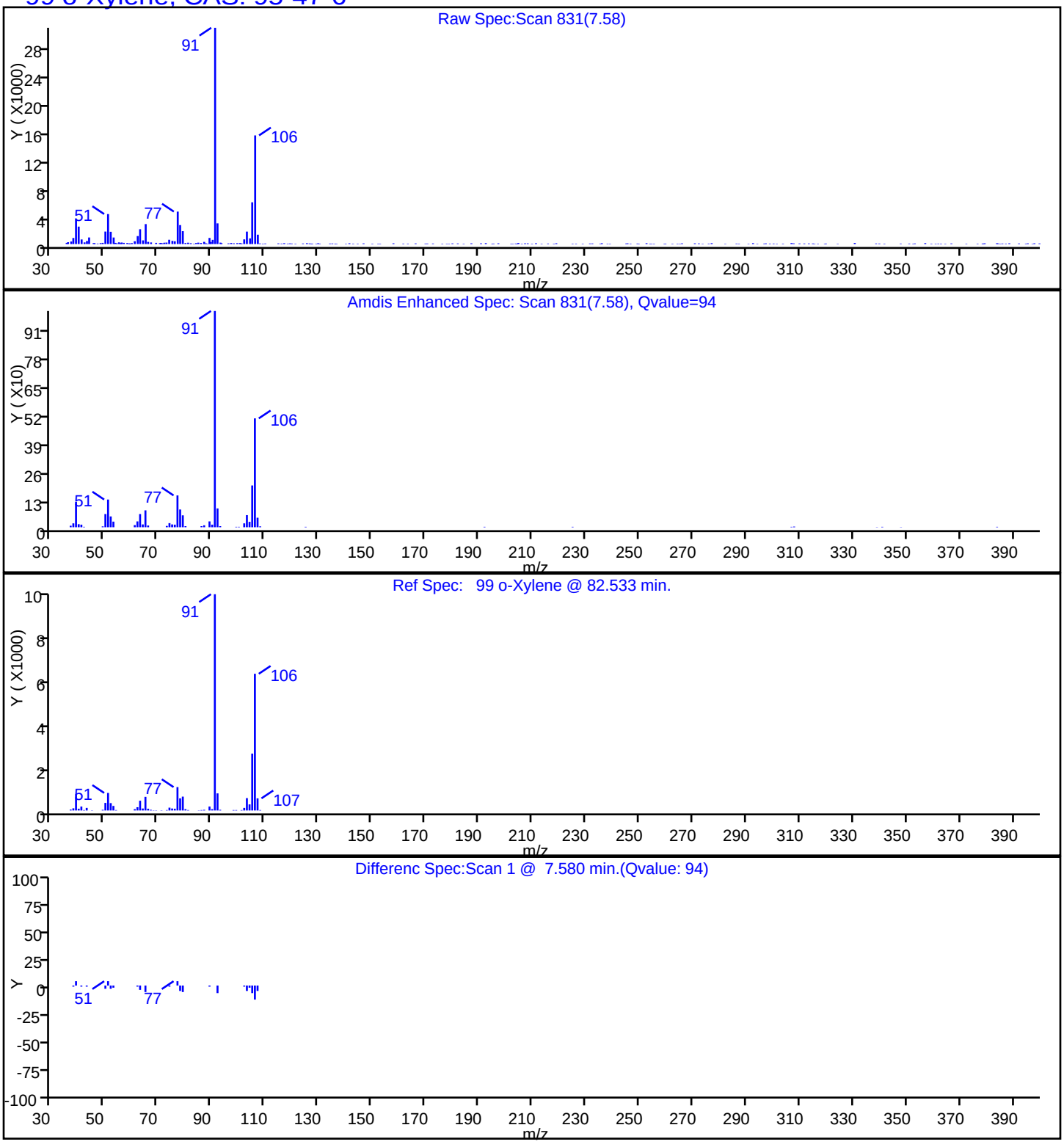


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

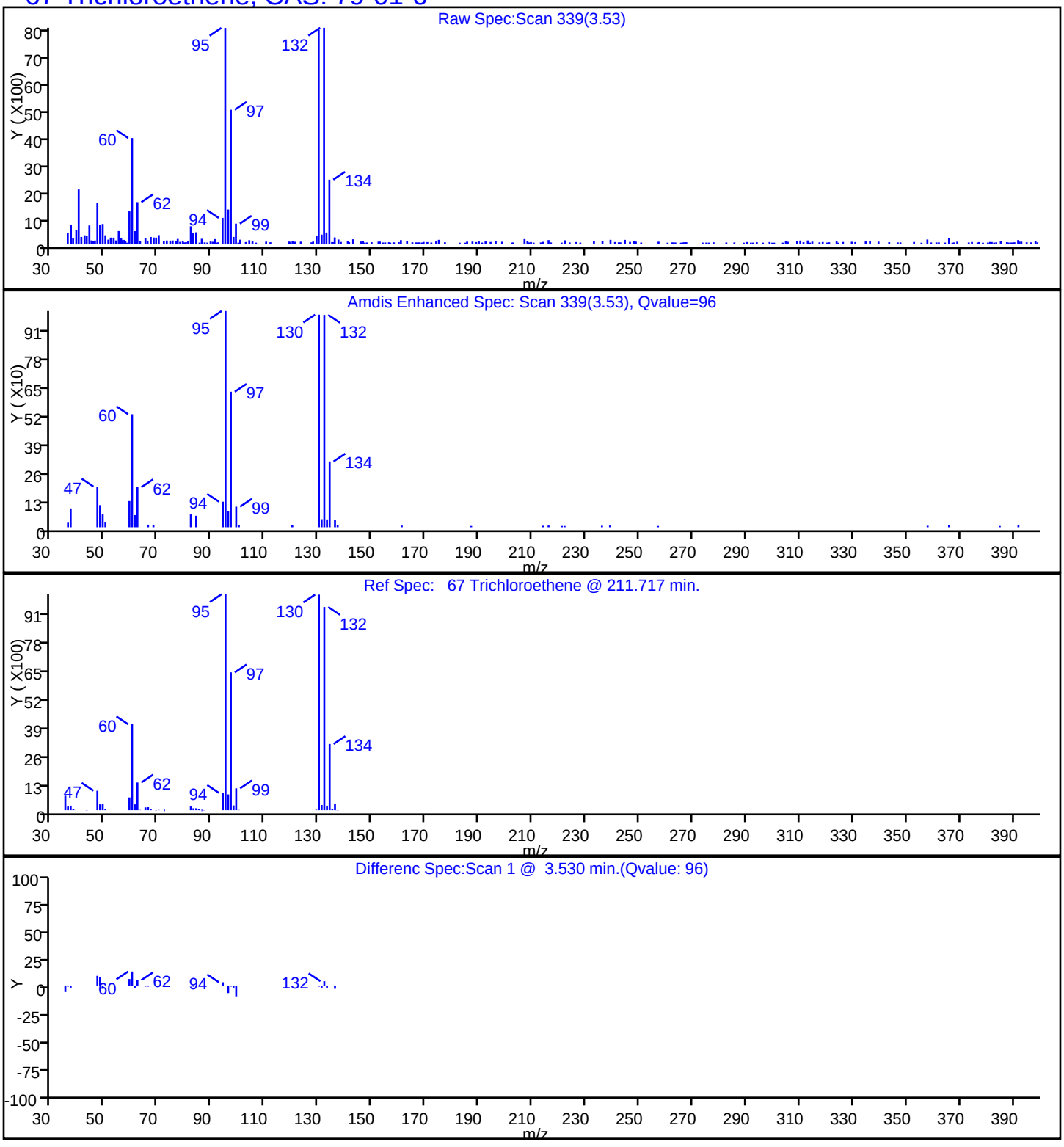
99 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D				
Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

67 Trichloroethene, CAS: 79-01-6



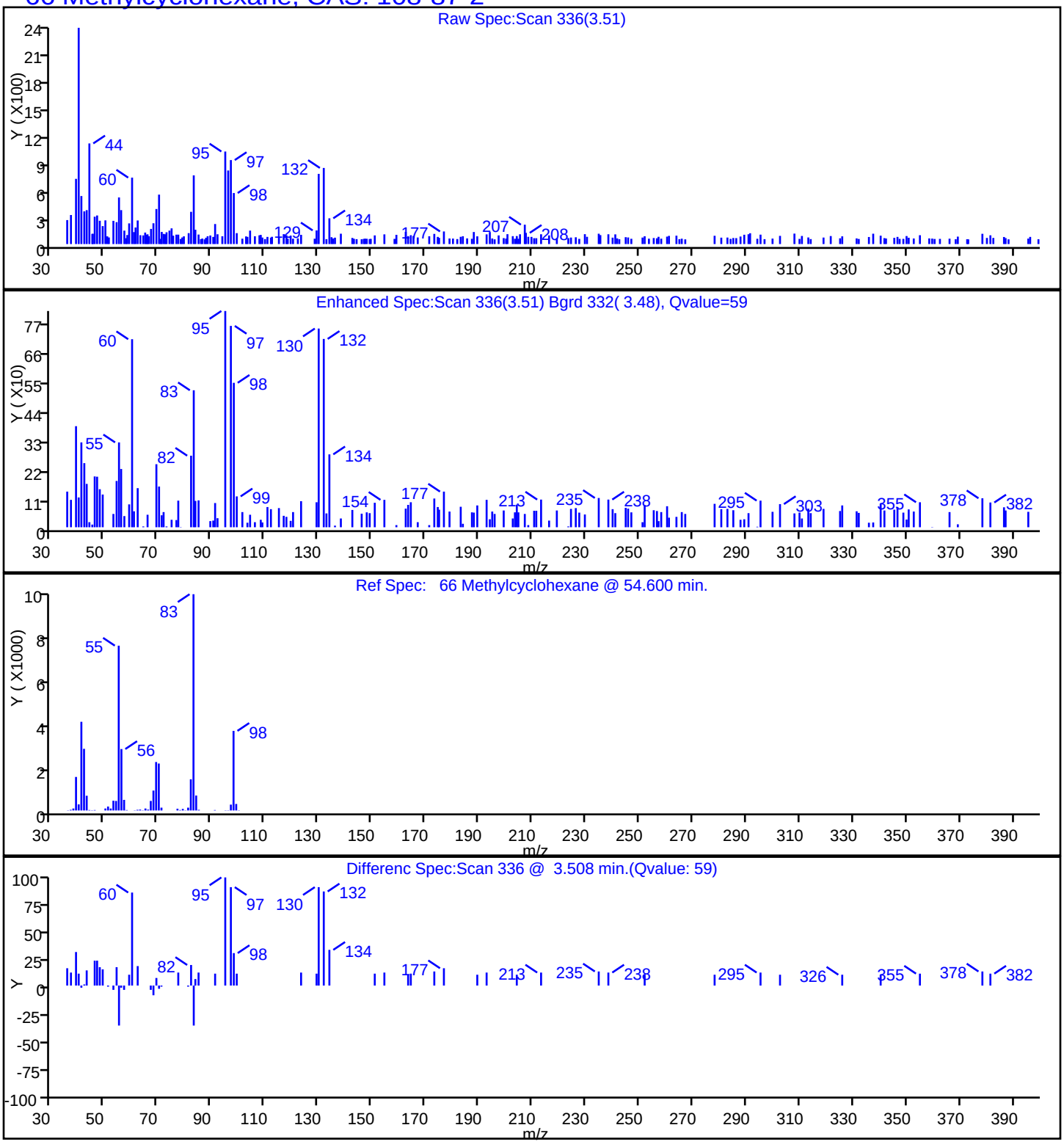
Report Date: 10-Oct-2016 14:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

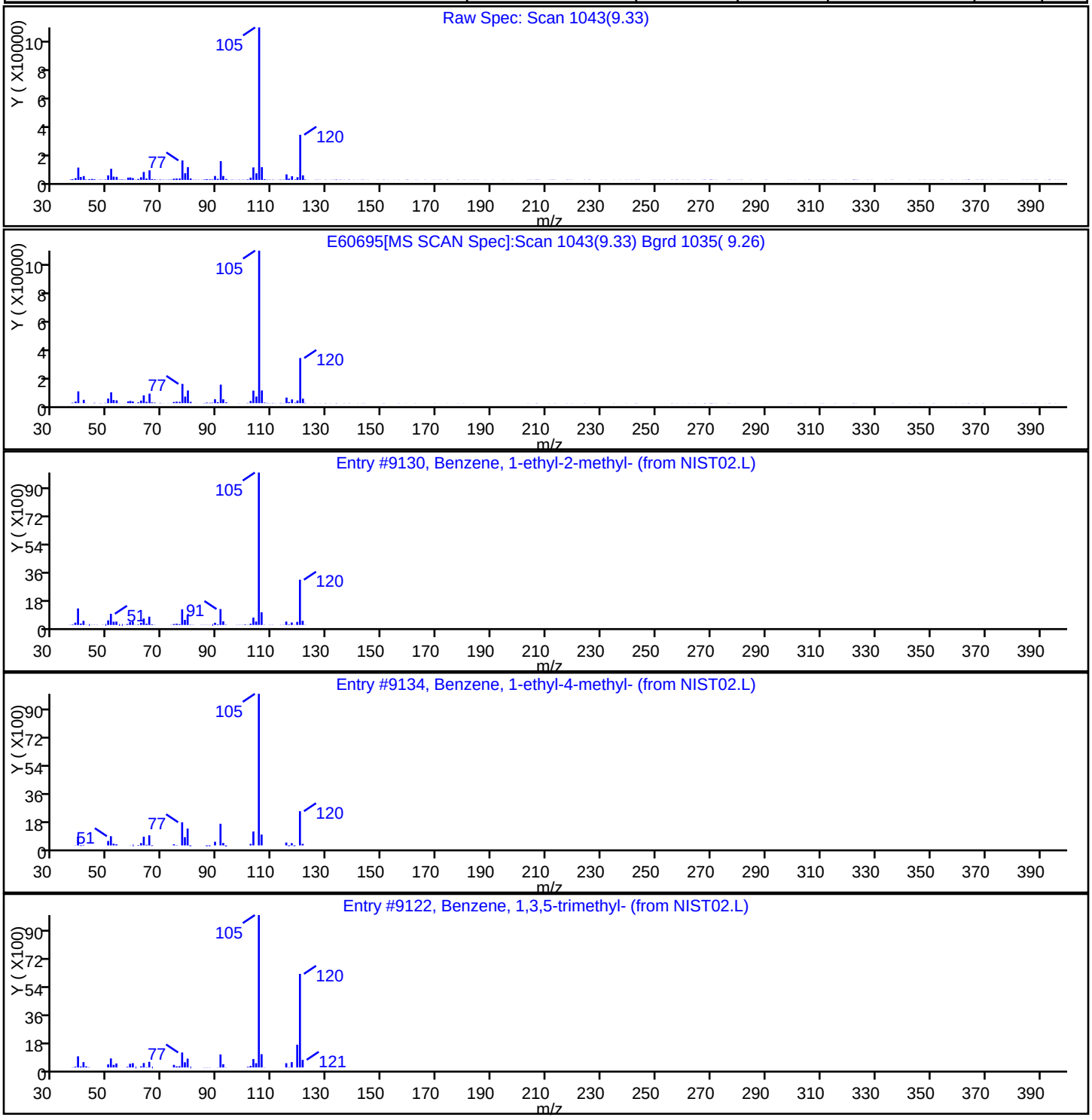
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

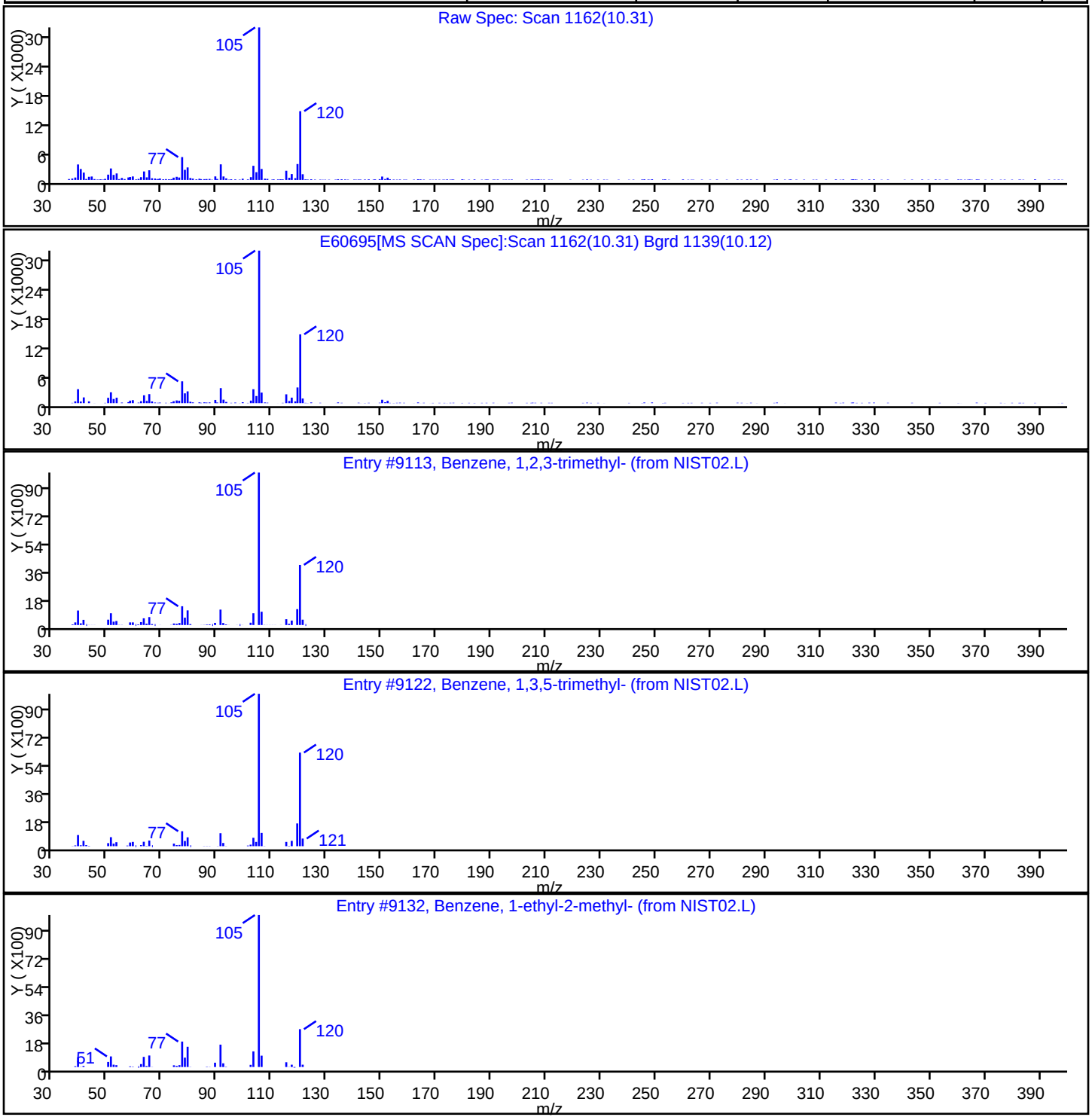
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	C9H12	120	94
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9134	C9H12	120	93
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	C9H12	120	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

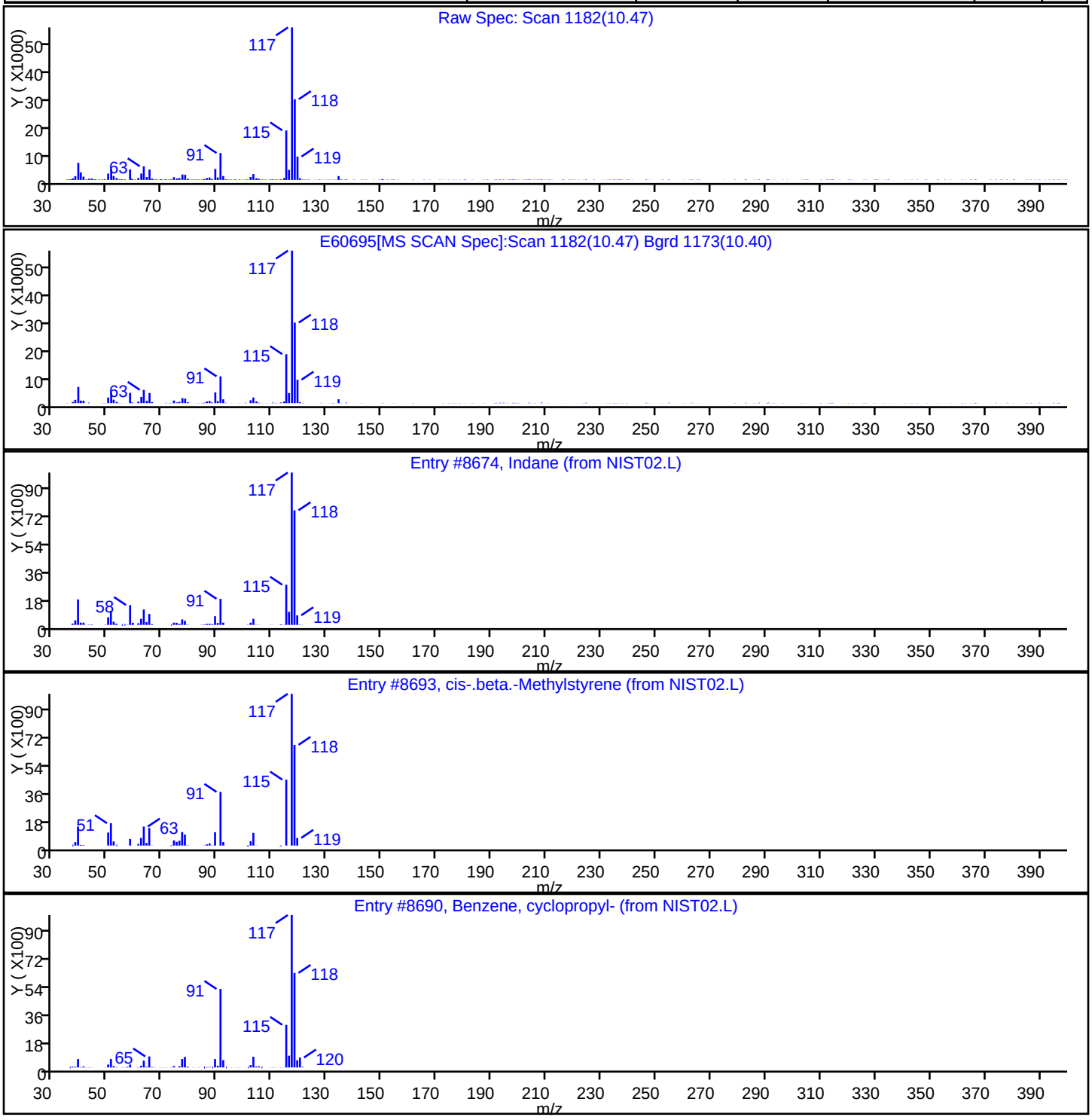
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	95
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9122	C9H12	120	95
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9132	C9H12	120	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

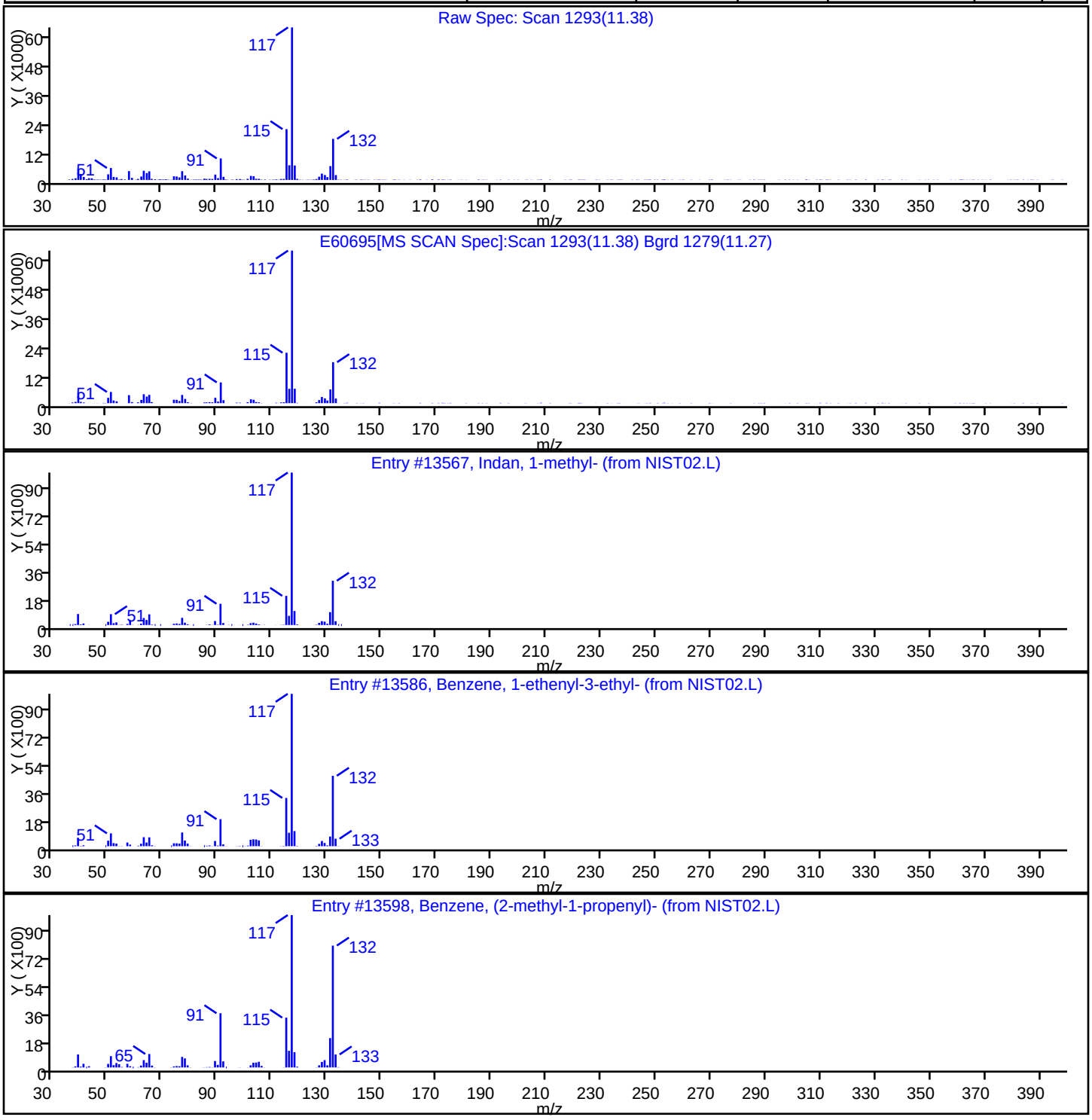
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8674	C9H10	118	87
cis-.beta.-Methylstyrene	766-90-5	NIST02.L	8693	C9H10	118	74
Benzene, cyclopropyl-	873-49-4	NIST02.L	8690	C9H10	118	74



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

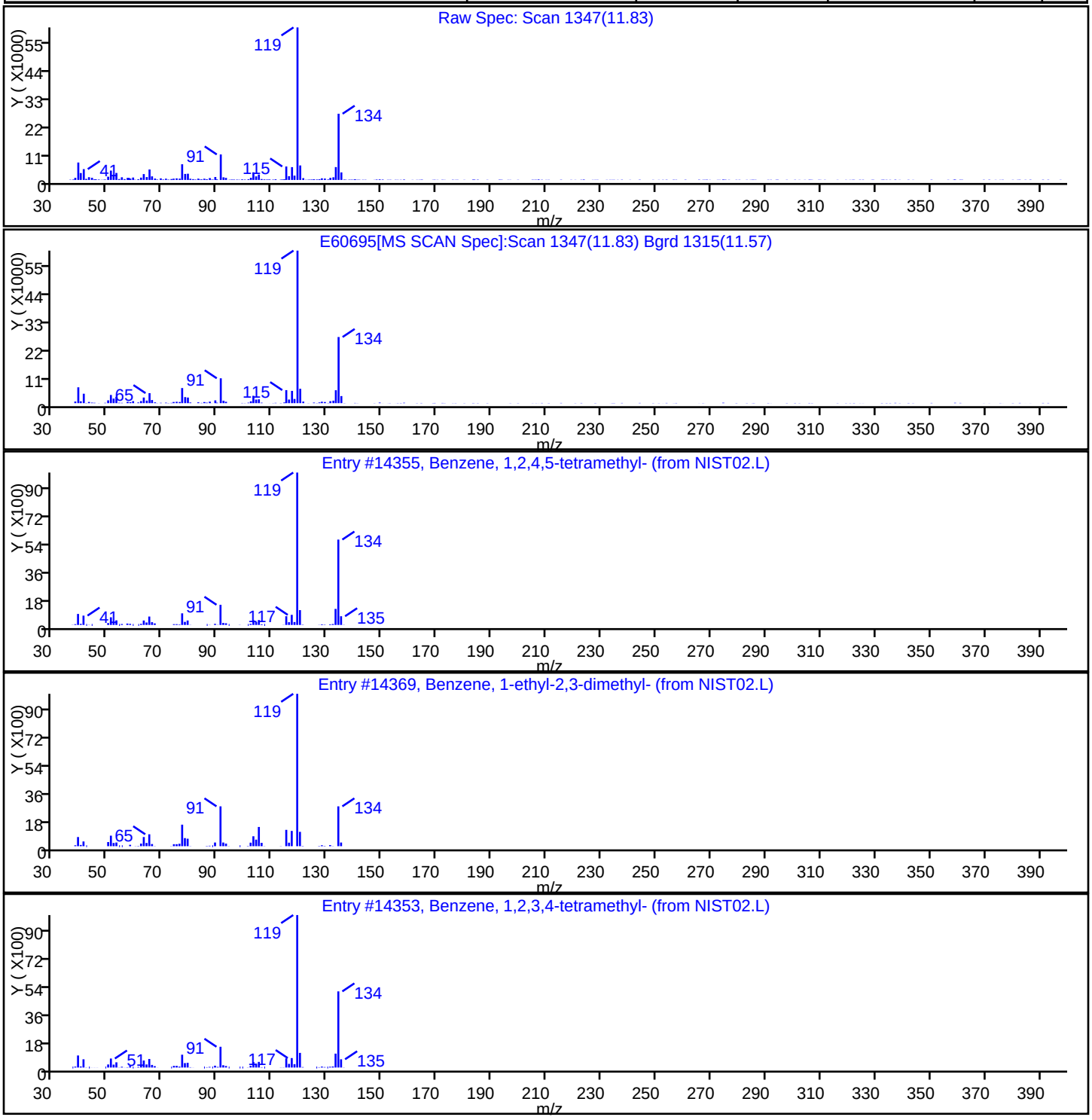
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indan, 1-methyl-	767-58-8	NIST02.L	13567	C10H12	132	93
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.L	13586	C10H12	132	91
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13598	C10H12	132	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

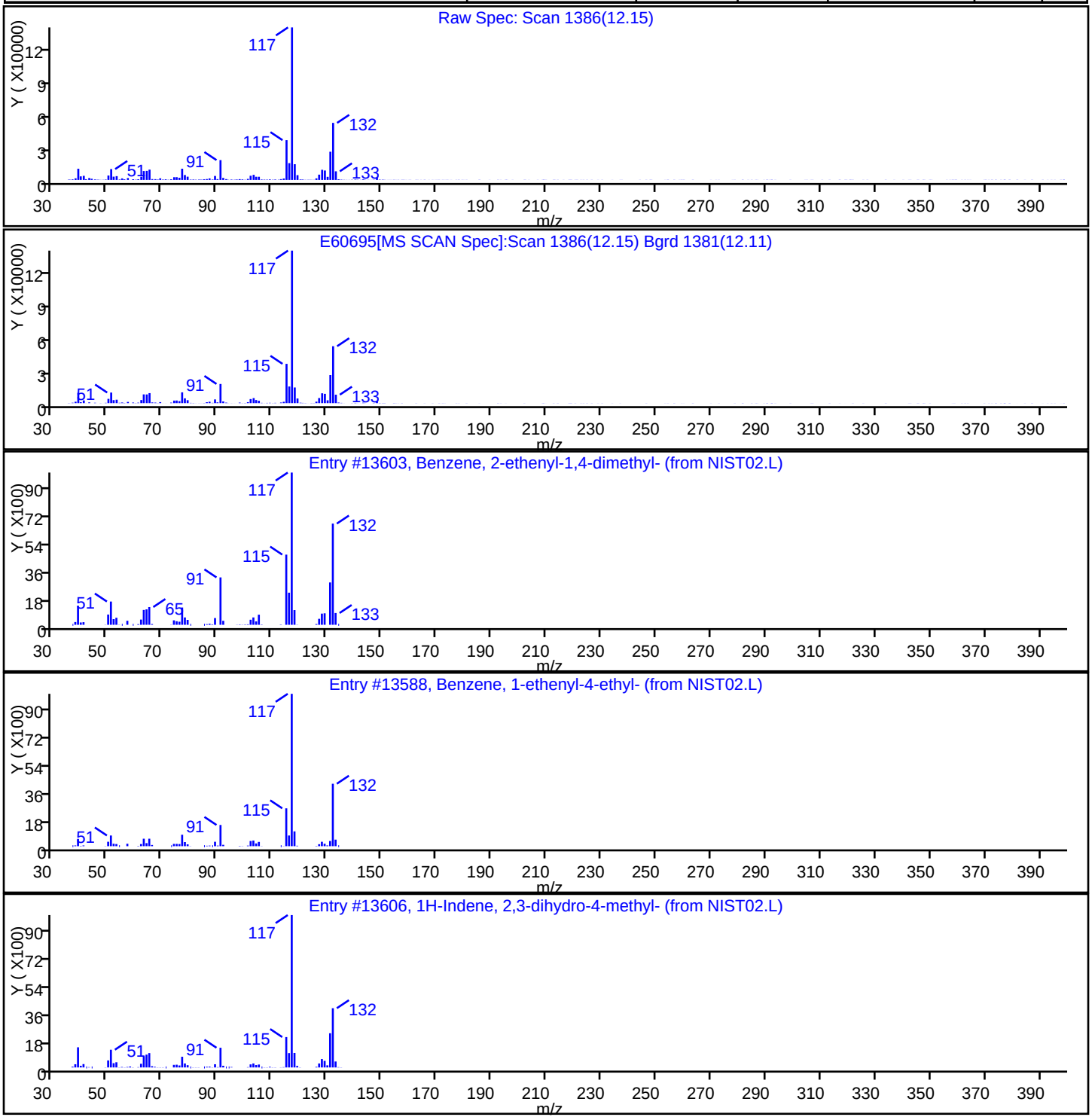
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	95
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14369	C10H14	134	95
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

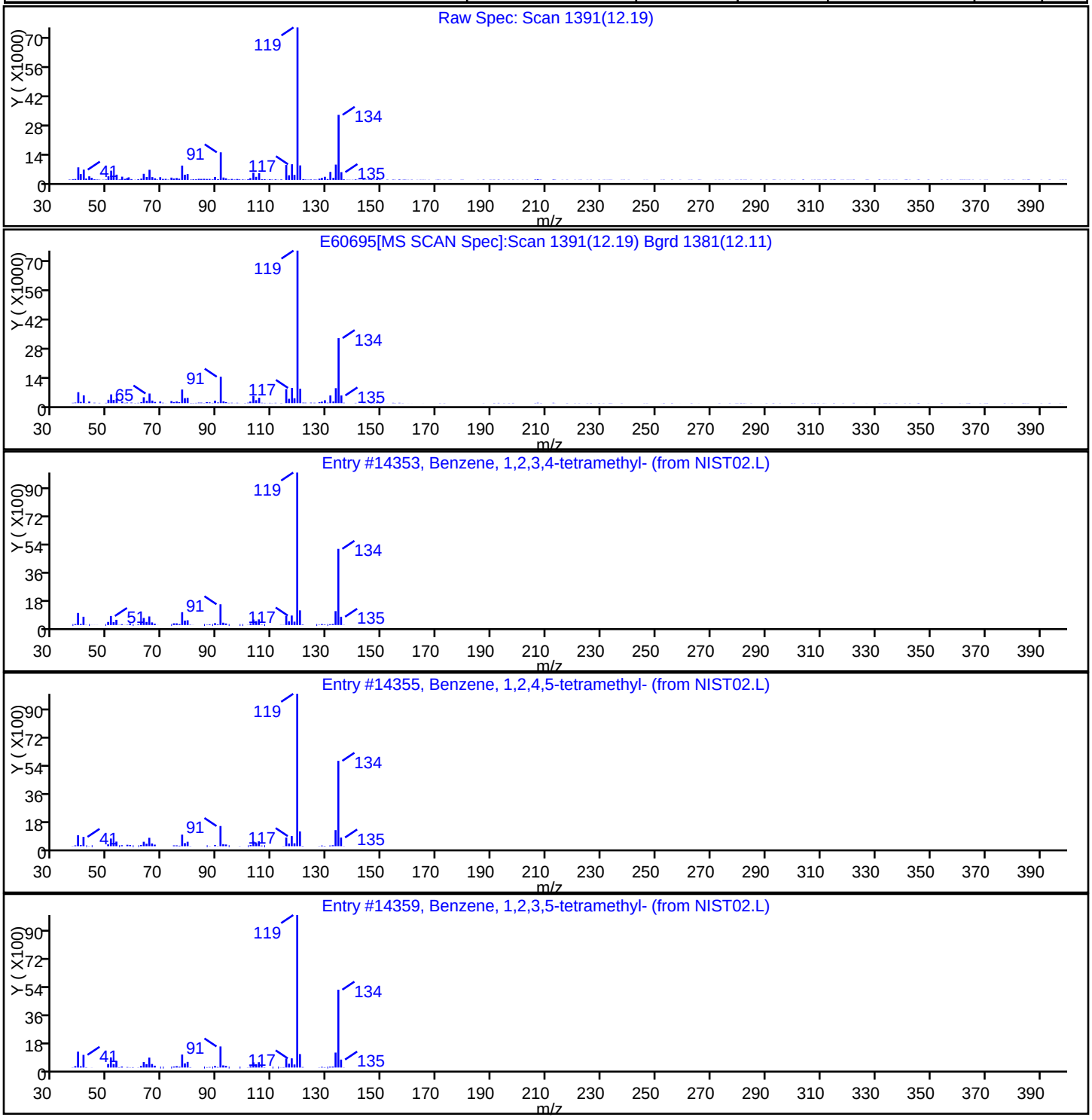
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.L	13603	C10H12	132	96
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	C10H12	132	94
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.L	13606	C10H12	132	94



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D
Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
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	95
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	95
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14359	C10H14	134	94



Report Date: 10-Oct-2016 14:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5

Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2

Client ID: MW-9

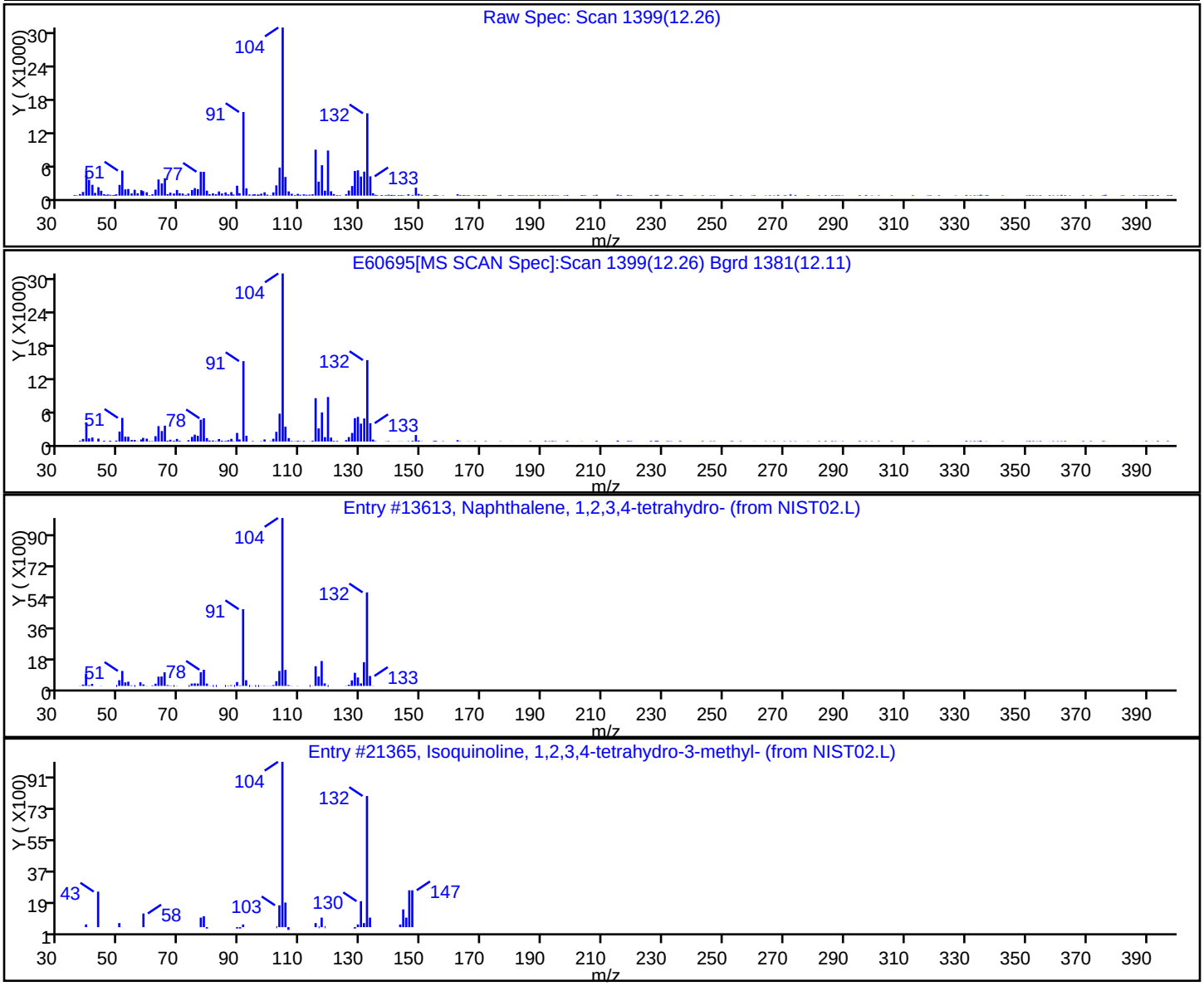
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-	119-64-2	NIST02.L	13613	C10H12	132	95
Isoquinoline, 1,2,3,4-tetrahydro-3-methy	29726-60-1	NIST02.L	21365	C10H13N	147	50



Report Date: 10-Oct-2016 14:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date: 05-Oct-2016 22:45:30 Instrument ID: CVOAMS5

Lims ID: 460-121208-B-2 Lab Sample ID: 460-121208-2

Client ID: MW-9

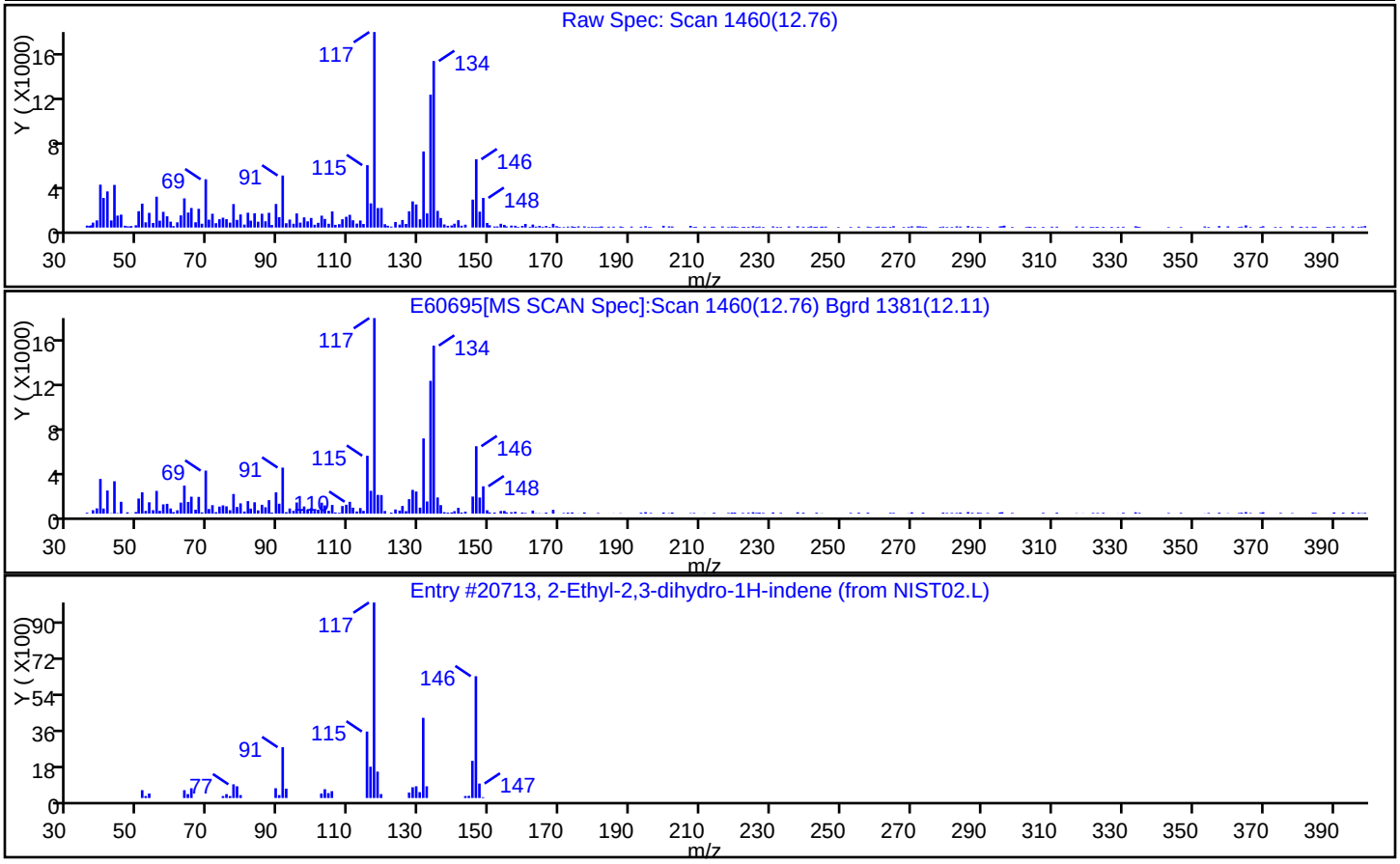
Operator ID: ALS Bottle#: 29 Worklist Smp#: 37

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
2-Ethyl-2,3-dihydro-1H-indene	56147-63-8	NIST02.L	20713	C11H14	146	50

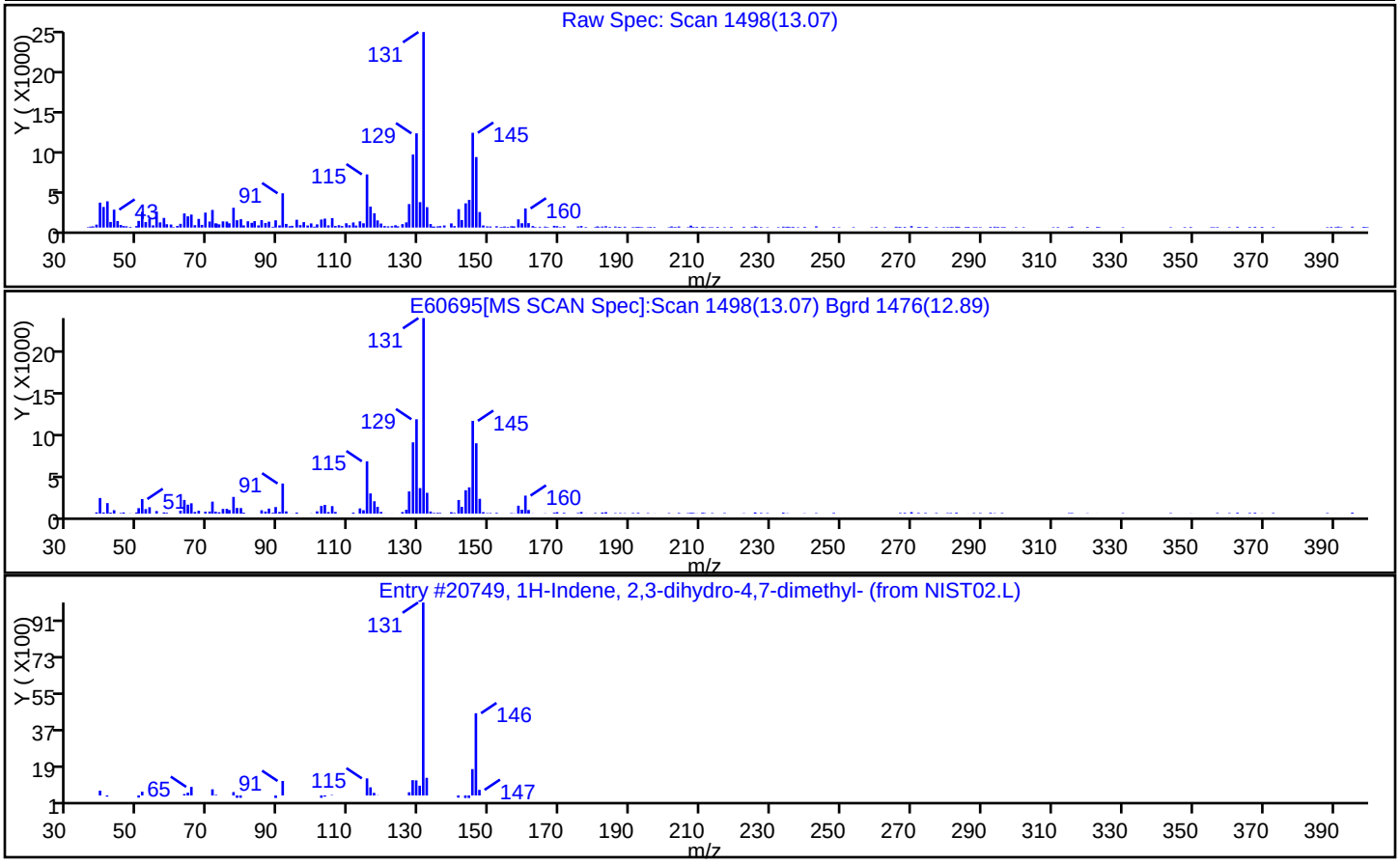


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60695.D

Injection Date:	05-Oct-2016 22:45:30	Instrument ID:	CVOAMS5
Lims ID:	460-121208-B-2	Lab Sample ID:	460-121208-2
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 37
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_5	Limit Group:	VOA 624 ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Aromatic						
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20749	C11H14	146	55



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: E60718.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 09:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	71		5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U *	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.44	J	1.0	0.22
108-88-3	Toluene	0.34	J	1.0	0.25
71-43-2	Benzene	0.11	J	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U *	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.86	J	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.39	J	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.1		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	14		5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: E60718.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 09:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.31	J	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.2		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		48-130
2037-26-5	Toluene-d8 (Surr)	105		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: E60718.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 09:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D
Lims ID: 460-121208-A-3
Client ID: MW-14 Filtered
Sample Type: Client
Inject. Date: 06-Oct-2016 09:36:30 ALS Bottle#: 1 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-A-3
Misc. Info.: 460-0046502-009
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 06-Oct-2016 13:27:00 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 06-Oct-2016 10:45:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Acetone	58	1.739	1.739	0.000	85	37265	70.8	
26 trans-1,2-Dichloroethene	96	1.805	1.796	0.009	49	1160	0.3078	
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	97	524765	1000.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	92	4689	1.19	
43 Chloroform	83	2.661	2.652	0.009	96	2919	0.4392	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	94	166009	51.2	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	471917	250.0	
51 2-Butanone (MEK)	72	2.875	2.866	0.009	100	9571	13.7	
55 Benzene	78	3.056	3.056	0.000	85	1664	0.1129	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	215101	52.6	
* 63 Fluorobenzene	96	3.385	3.376	0.009	98	623800	50.0	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	95	49327	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	641762	52.3	
81 Toluene	91	4.916	4.907	0.009	90	5366	0.3360	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	549342	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	92	9031	0.8630	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	88	195993	45.4	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	97	314657	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	37	9749	1.14	
127 1,2-Dichlorobenzene	146	10.866	10.857	0.009	92	3166	0.3861	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

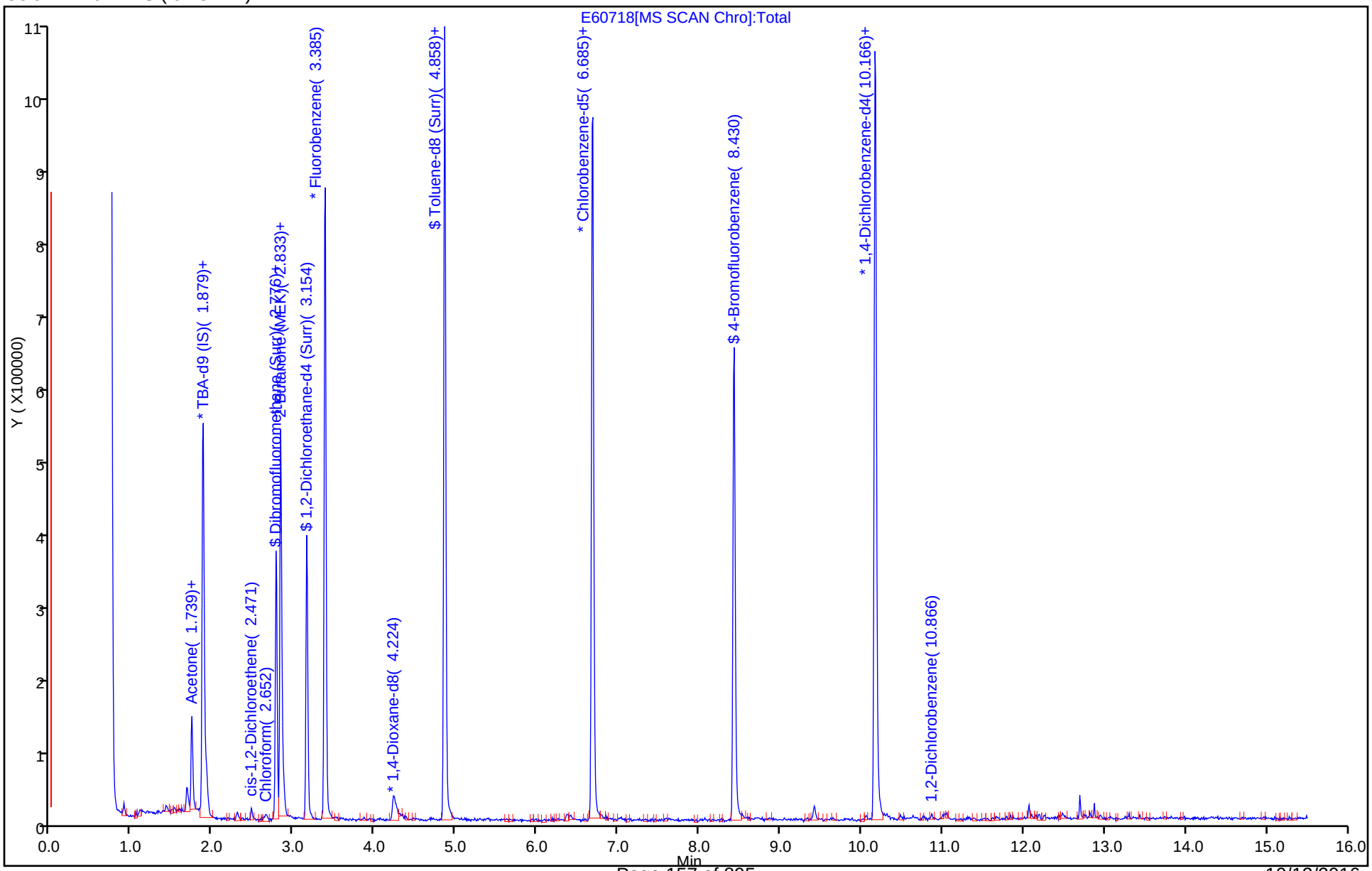
Report Date: 06-Oct-2016 13:27:01 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D

Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3	Worklist Smp#:	9
Client ID:	MW-14 Filtered				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

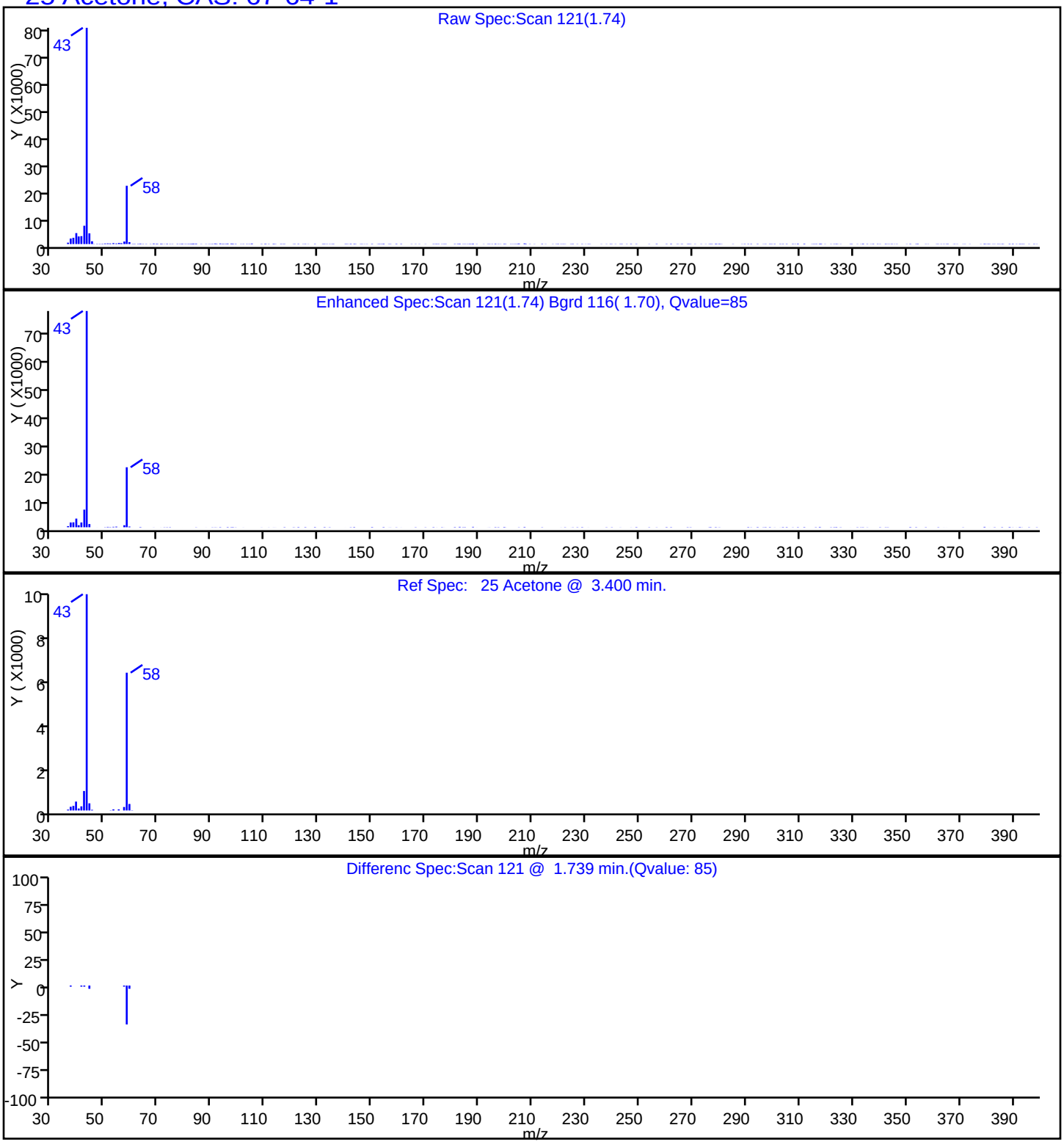
Column: Rtx-VMS (0.18 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

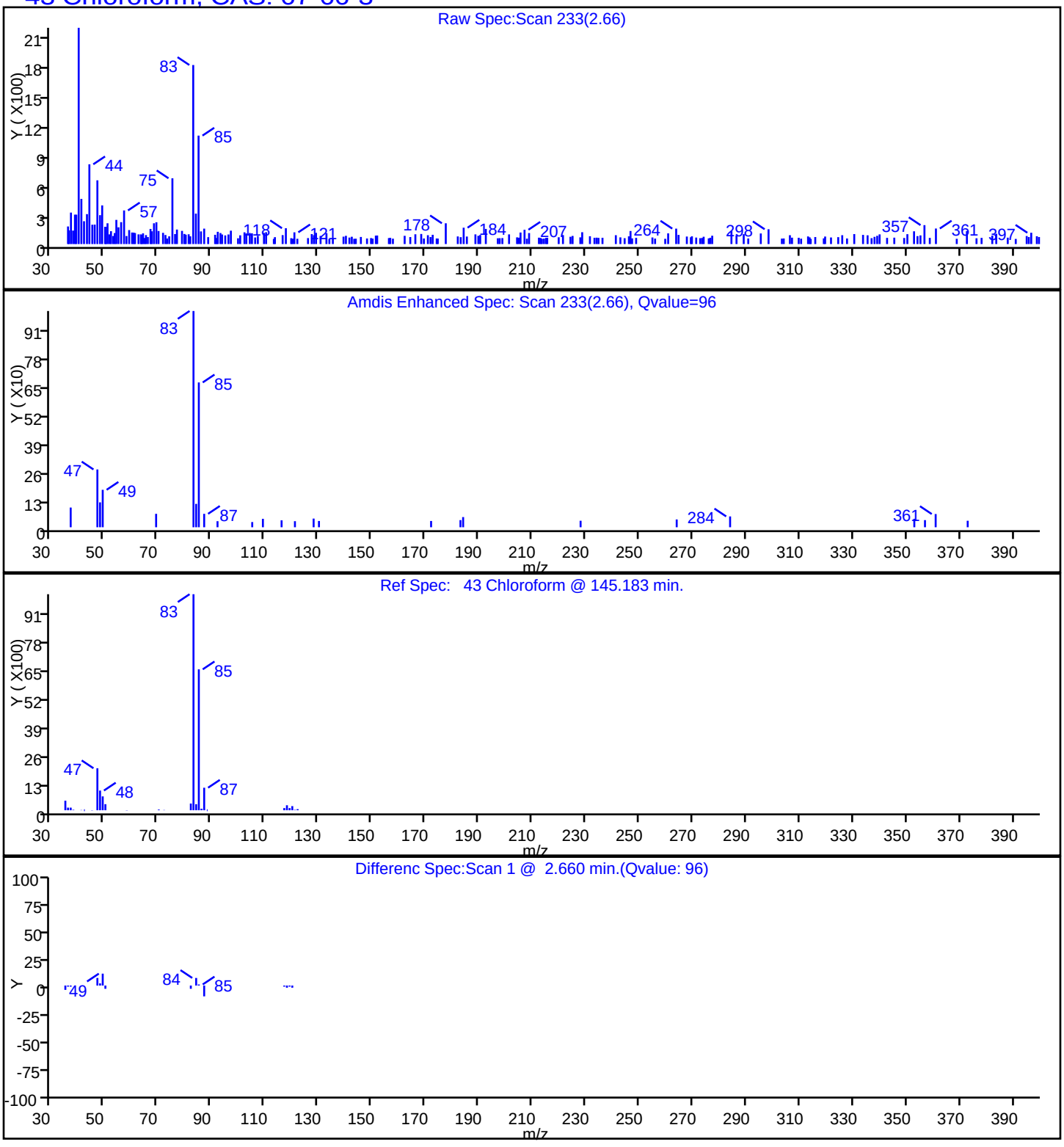
25 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D
Injection Date: 06-Oct-2016 09:36:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-A-3 Lab Sample ID: 460-121208-3
Client ID: MW-14 Filtered
Operator ID: ALS Bottle#: 1 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

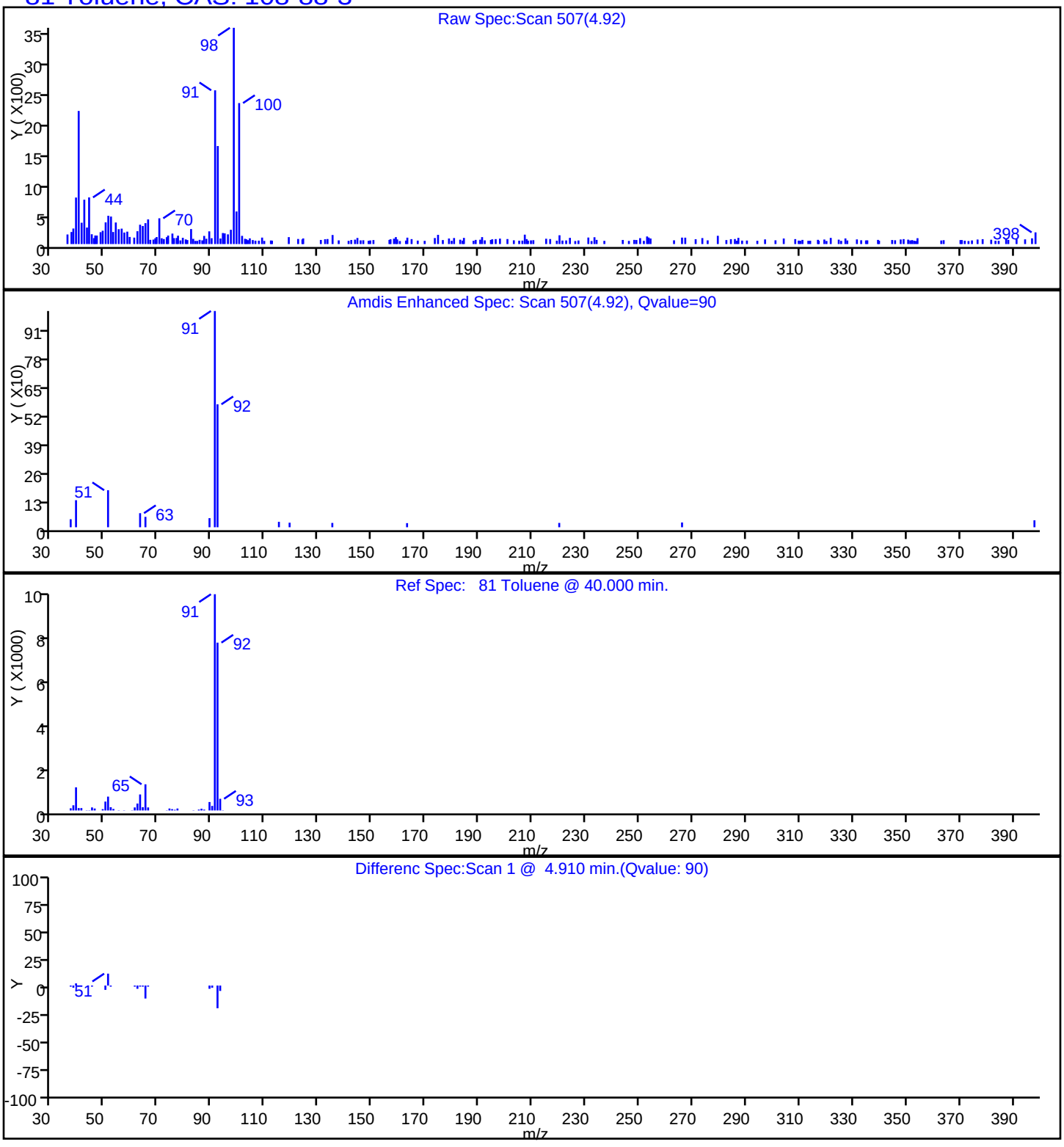
43 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

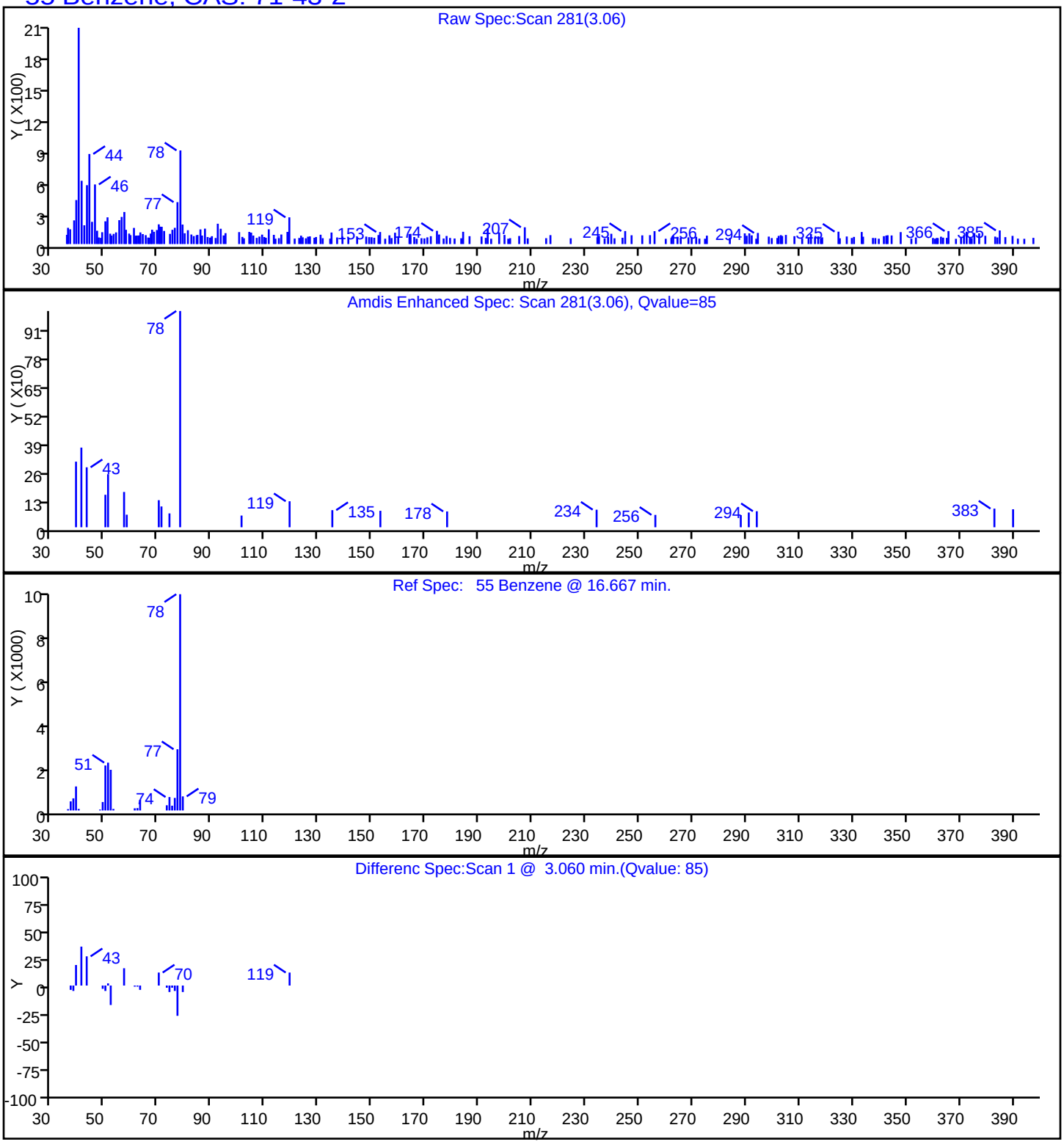
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

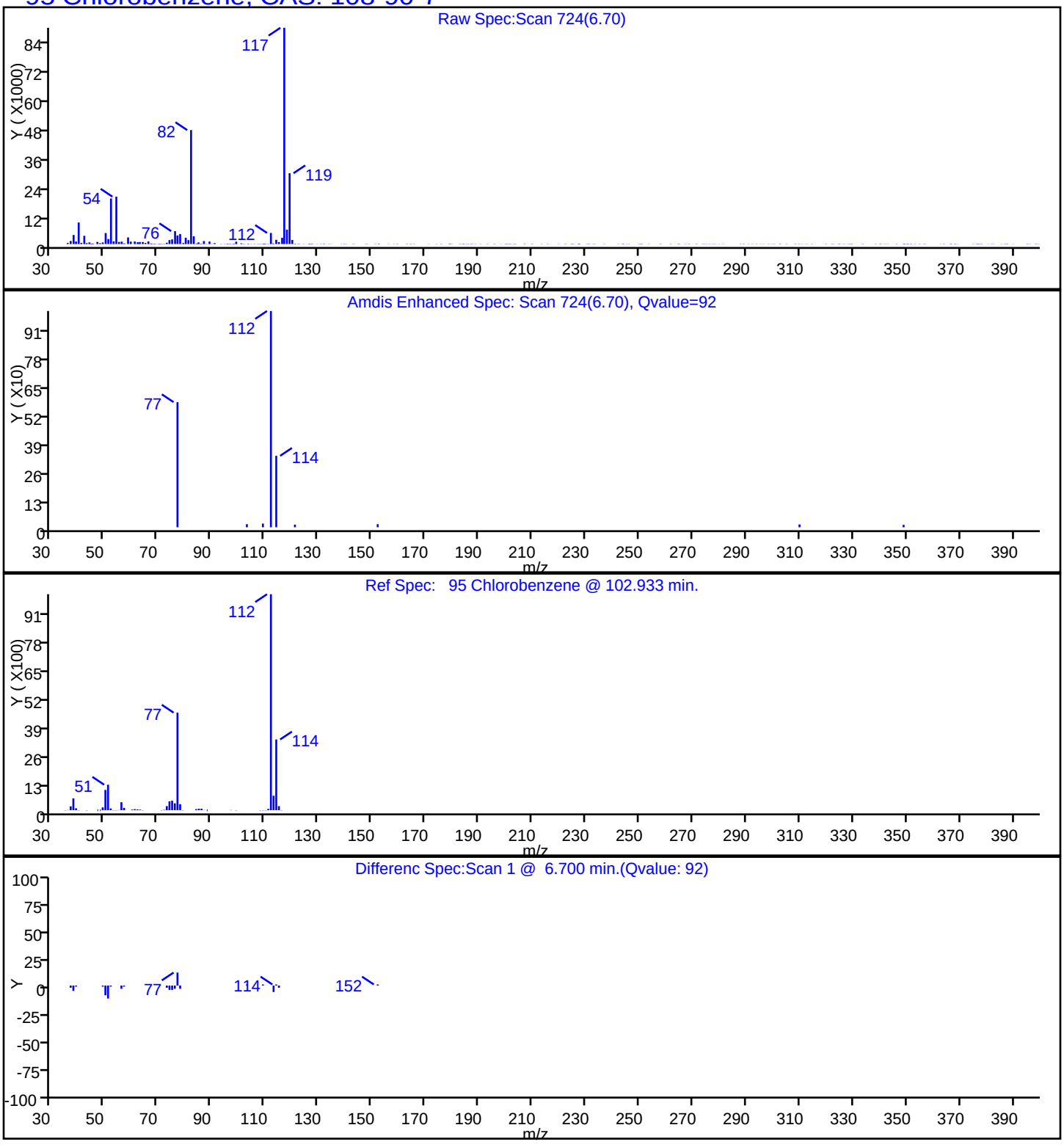
55 Benzene, CAS: 71-43-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

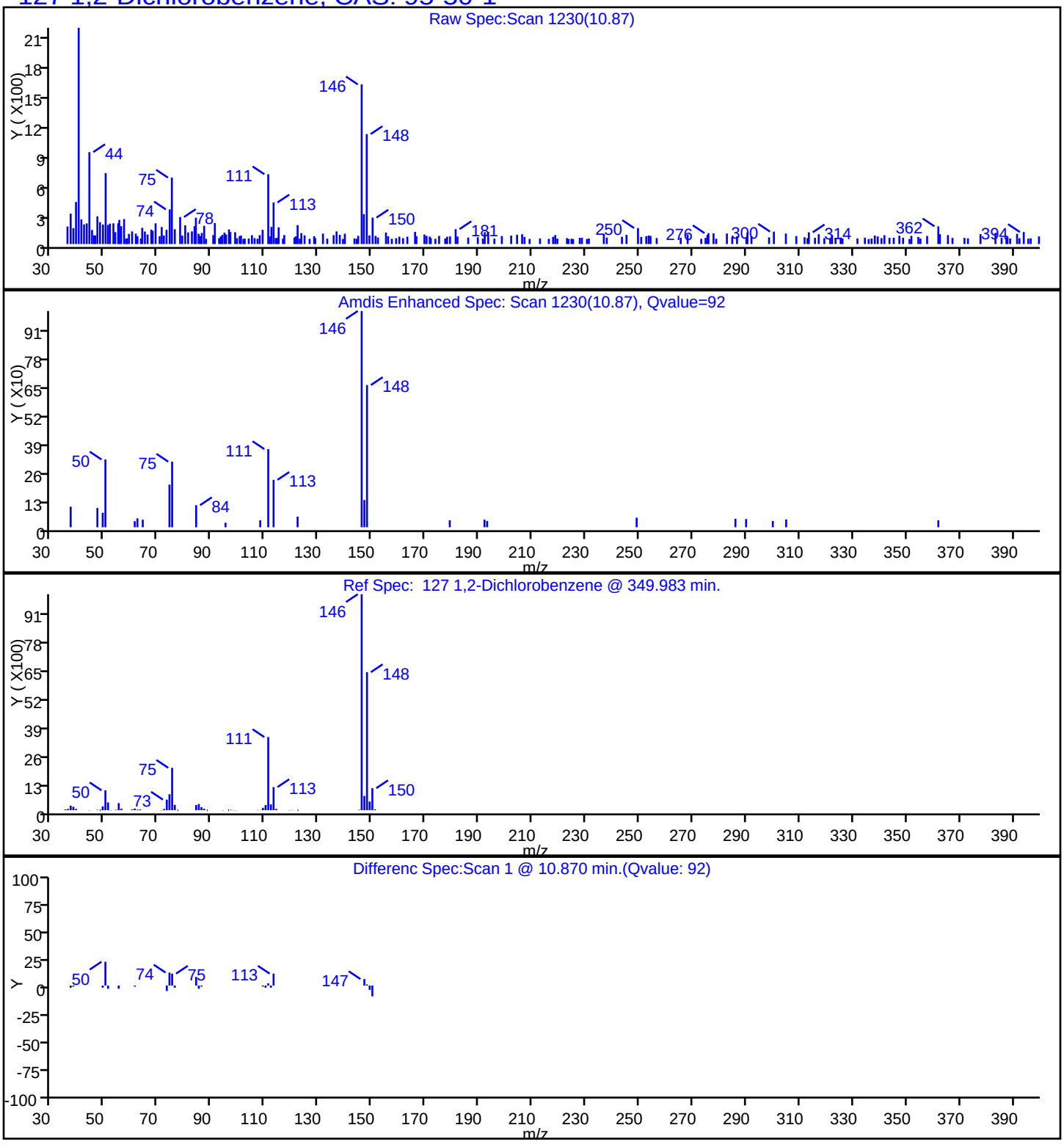
95 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

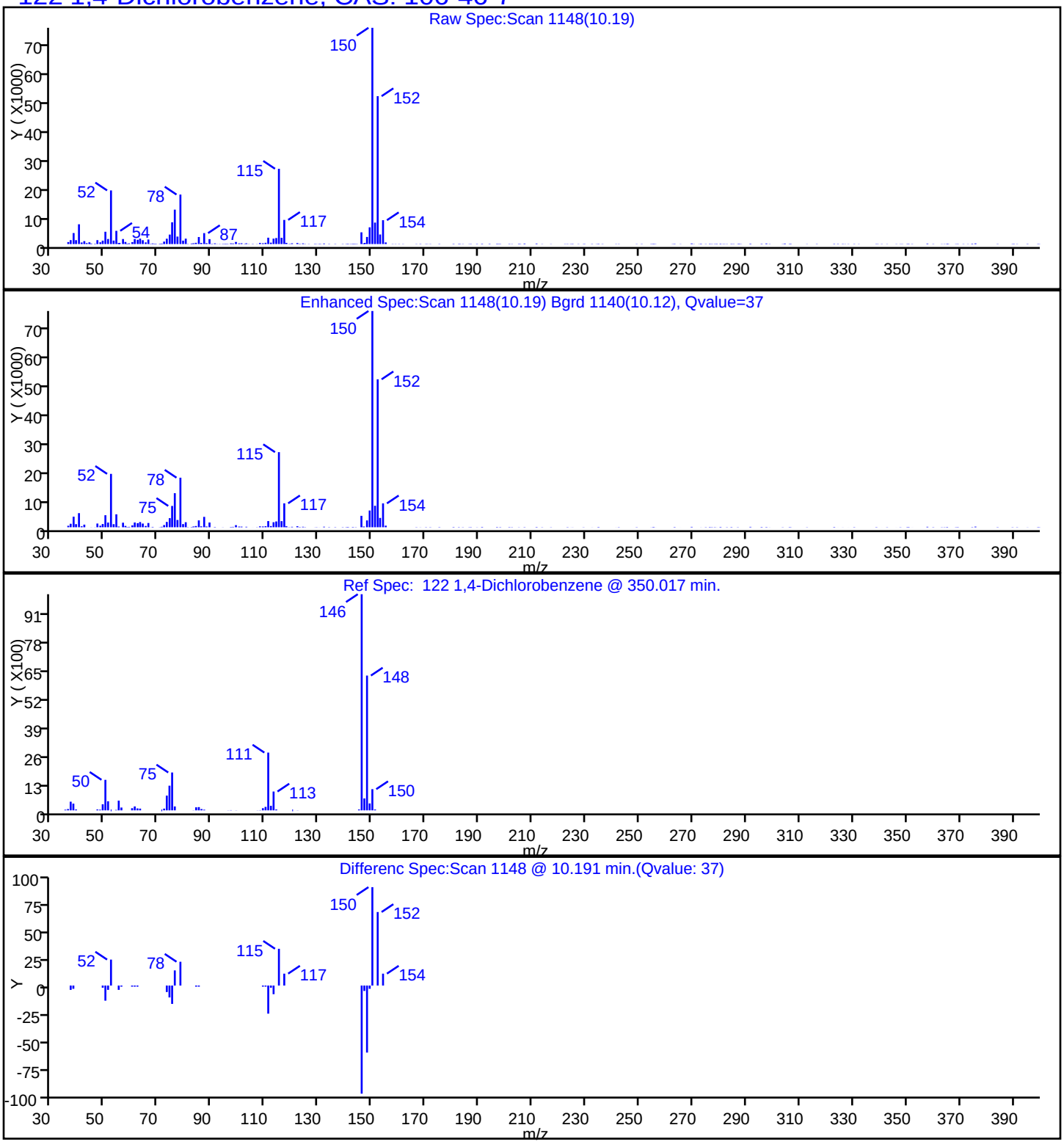
Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

127 1,2-Dichlorobenzene, CAS: 95-50-1



Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D
Injection Date: 06-Oct-2016 09:36:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-A-3 Lab Sample ID: 460-121208-3
Client ID: MW-14 Filtered
Operator ID: ALS Bottle#: 1 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

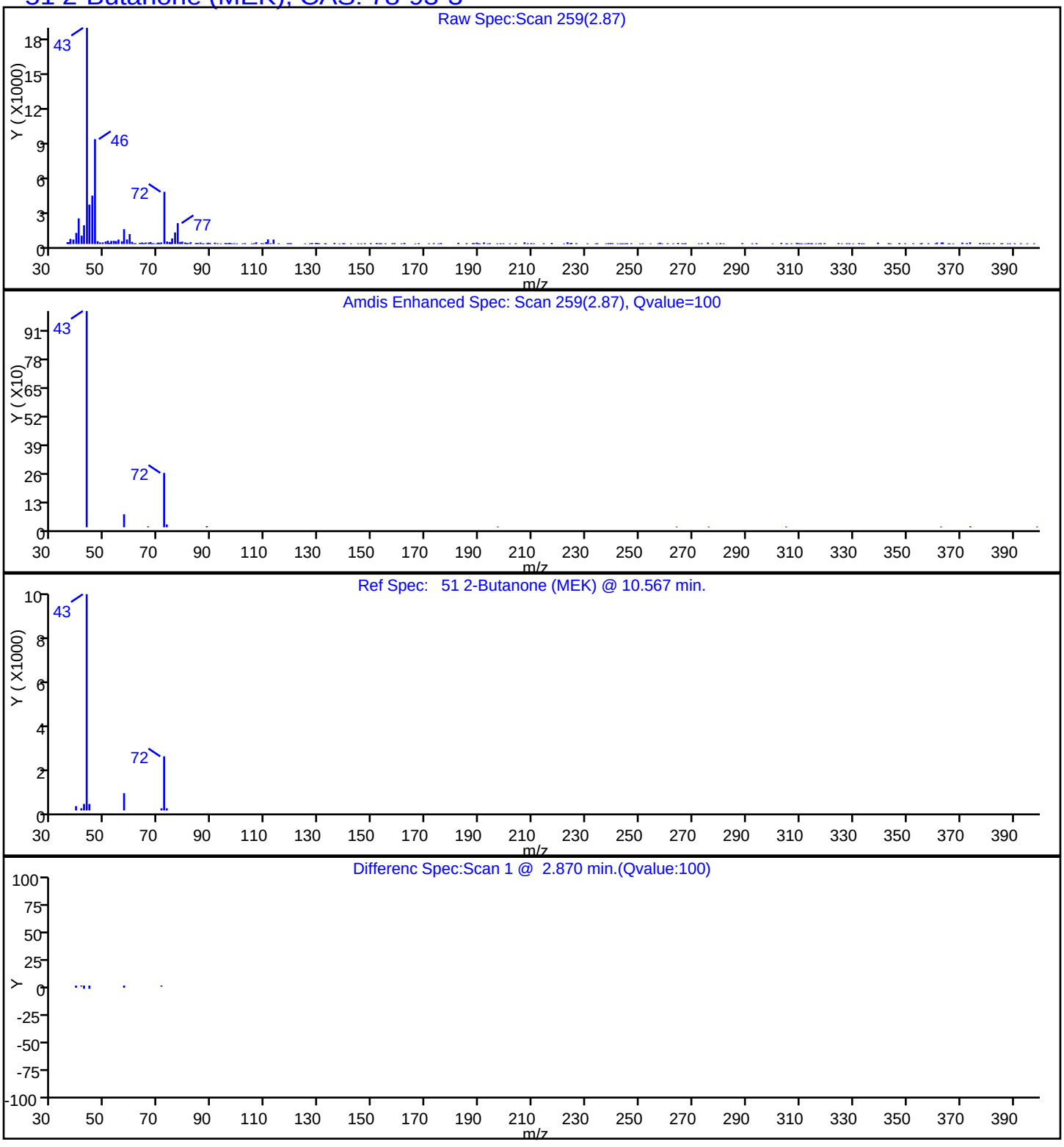
122 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

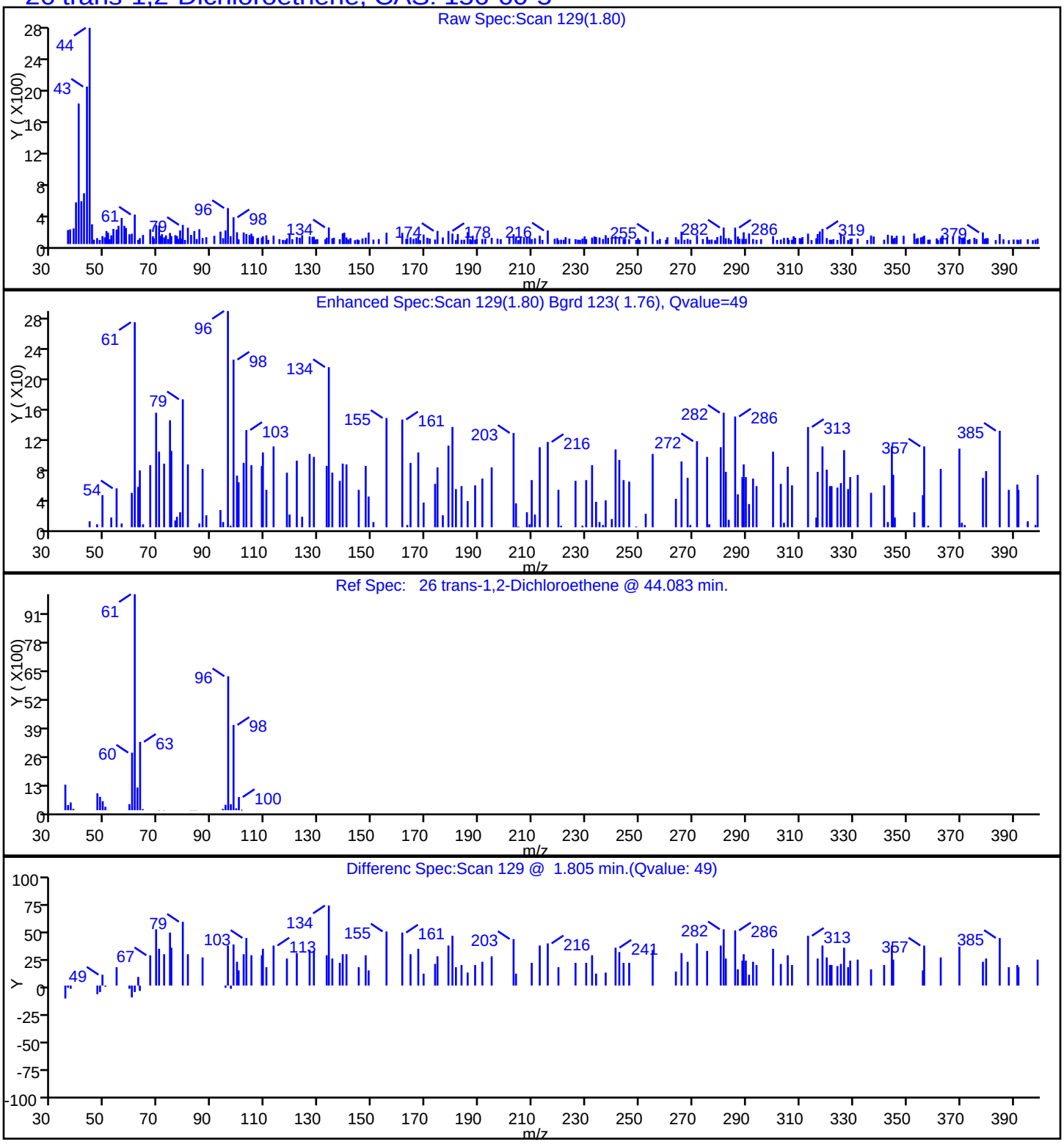
51 2-Butanone (MEK), CAS: 78-93-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

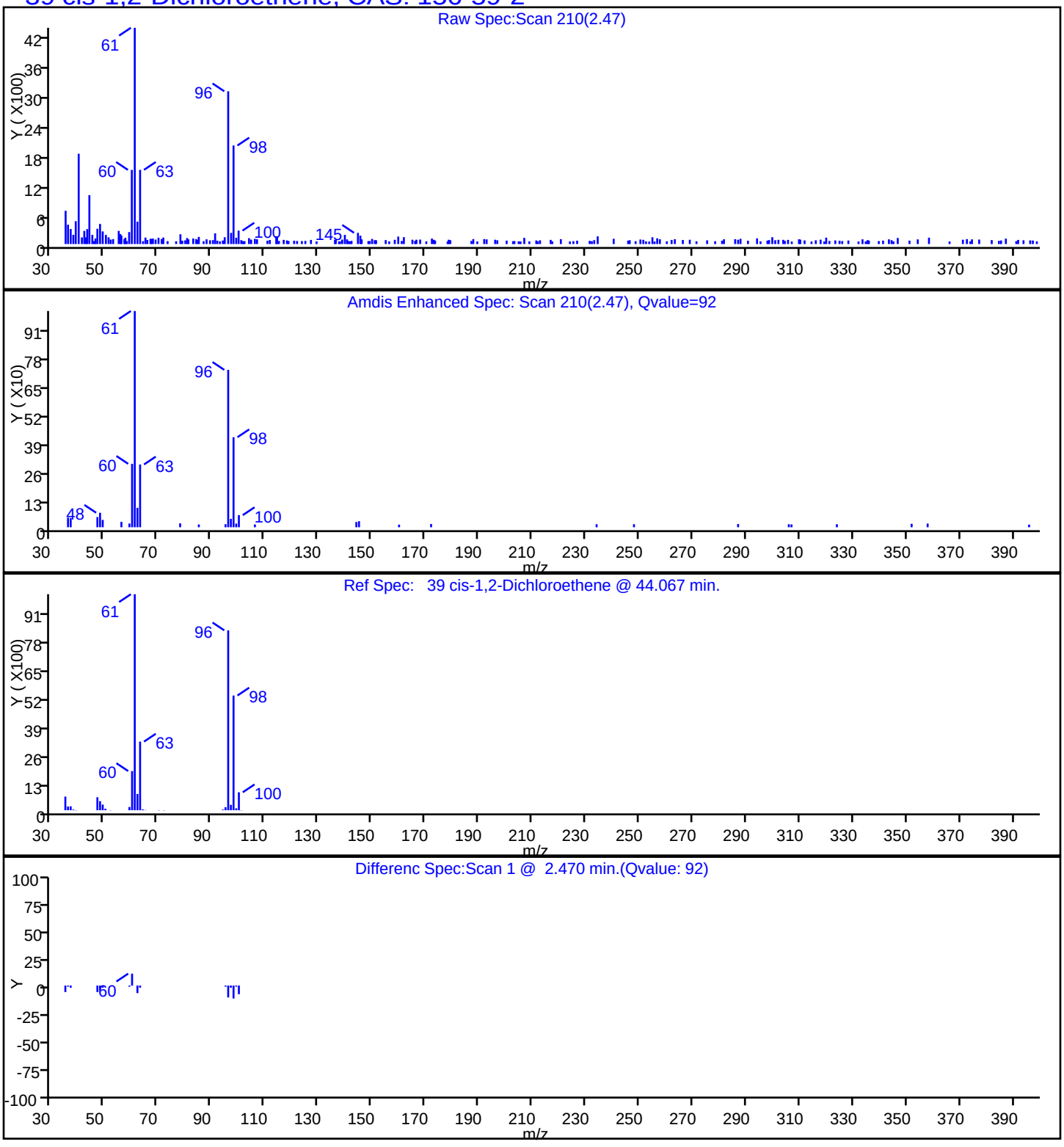
26 trans-1,2-Dichloroethene, CAS: 156-60-5



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60718.D				
Injection Date:	06-Oct-2016 09:36:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-A-3	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: E60693.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	1.3		1.0	0.22
108-88-3	Toluene	0.57	J	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.60	J	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	5.0		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	1.7		1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.50	J	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.8		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.40	J	1.0	0.12
98-82-8	Isopropylbenzene	0.82	J	1.0	0.32
100-41-4	Ethylbenzene	1.1		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: E60693.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	J	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	5.2		2.0	0.28
79-01-6	Trichloroethene	0.23	J	1.0	0.22
108-87-2	Methylcyclohexane	0.40	J	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		48-130
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	Bromofluorobenzene	86		71-131
1868-53-7	Dibromofluoromethane (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: E60693.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

Number TICs Found: 10 | TIC Result Total: 116.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
620-14-4	Benzene, 1-ethyl-3-methyl-	9.33	13	J N	91%
108-67-8	Benzene, 1,3,5-trimethyl-	9.62	11	J N	95%
95-63-6	Benzene, 1,2,4-trimethyl-	10.31	11	J N	94%
611-15-4	Benzene, 1-ethenyl-2-methyl-	10.47	9.5	J N	90%
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.83	9.9	J N	96%
2039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.15	15	J N	95%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.19	16	J N	96%
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.26	8.4	J N	95%
91-57-6	Naphthalene, 2-methyl-	13.35	12	J N	96%
90-12-0	Naphthalene, 1-methyl-	13.43	11	J N	96%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Lims ID: 460-121208-B-4
Client ID: MW-22
Sample Type: Client
Inject. Date: 05-Oct-2016 21:53:30 ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-4
Misc. Info.: 460-0046448-035
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 13:59:07 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:52:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.870	1.887	-0.017	97	451446	1000.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	76	1069	0.2605	
43 Chloroform	83	2.660	2.652	0.008	95	9260	1.34	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	163005	48.3	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	451564	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	209584	49.3	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	649448	50.0	
66 Methylcyclohexane	83	3.508	3.508	0.000	89	2000	0.3988	
67 Trichloroethene	95	3.541	3.525	0.016	38	926	0.2256	
* 74 1,4-Dioxane-d8	96	4.232	4.233	0.000	93	43336	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	636903	49.7	
81 Toluene	91	4.915	4.907	0.008	96	9437	0.5652	
84 Tetrachloroethene	166	5.335	5.327	0.008	84	1595	0.4047	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	574255	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	39	6618	0.6050	
96 Ethylbenzene	106	6.800	6.784	0.016	98	6522	1.12	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	97	9352	1.33	
99 o-Xylene	106	7.582	7.582	0.000	93	27450	3.89	
103 Isopropylbenzene	105	8.067	8.059	0.008	97	14337	0.8190	
$ 105 4-Bromofluorobenzene	174	8.429	8.430	-0.001	88	194447	43.1	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	97	333960	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	63	15931	1.75	
127 1,2-Dichlorobenzene	146	10.874	10.857	0.017	82	4352	0.5001	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	32981	4.99	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	88	10559	1.71	
S 137 Xylenes, Total	100				0		5.22	

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Lims ID: 460-121208-B-4
Client ID: MW-22
Sample Type: Client
Inject. Date: 05-Oct-2016 21:53:30 ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-4
Misc. Info.: 460-0046448-035
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 13:59:07 Calib Date: 01-Oct-2016 22:47:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 50

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:52:19

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
620-14-4 Benzene, 1-ethyl-3-methyl-								
9.327	489470	13.2	94	91	9128	C9H12	120	I
108-67-8 Benzene, 1,3,5-trimethyl-								
9.623	419394	11.3	94	95	9122	C9H12	120	
95-63-6 Benzene, 1,2,4-trimethyl-								
10.306	391810	10.5	94	94	9126	C9H12	120	
611-15-4 Benzene, 1-ethenyl-2-methyl-								
10.470	353681	9.51	94	90	8697	C9H10	118	
527-53-7 Benzene, 1,2,3,5-tetramethyl-								
11.828	369518	9.94	94	96	14356	C10H14	134	
2039-89-6 Benzene, 2-ethenyl-1,4-dimethyl-								
12.149	546543	14.7	94	95	13603	C10H12	132	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
12.190	600255	16.1	94	96	14361	C10H14	134	
119-64-2 Naphthalene, 1,2,3,4-tetrahydro-								
12.256	312940	8.42	94	95	13612	C10H12	132	
91-57-6 Naphthalene, 2-methyl-								
13.351	440972	11.9	94	96	18501	C11H10	142	
90-12-0 Naphthalene, 1-methyl-								
13.425	425354	11.4	94	96	18499	C11H10	142	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 94 Chlorobenzene-d5	6.685	1859109	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

Reagents:

8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

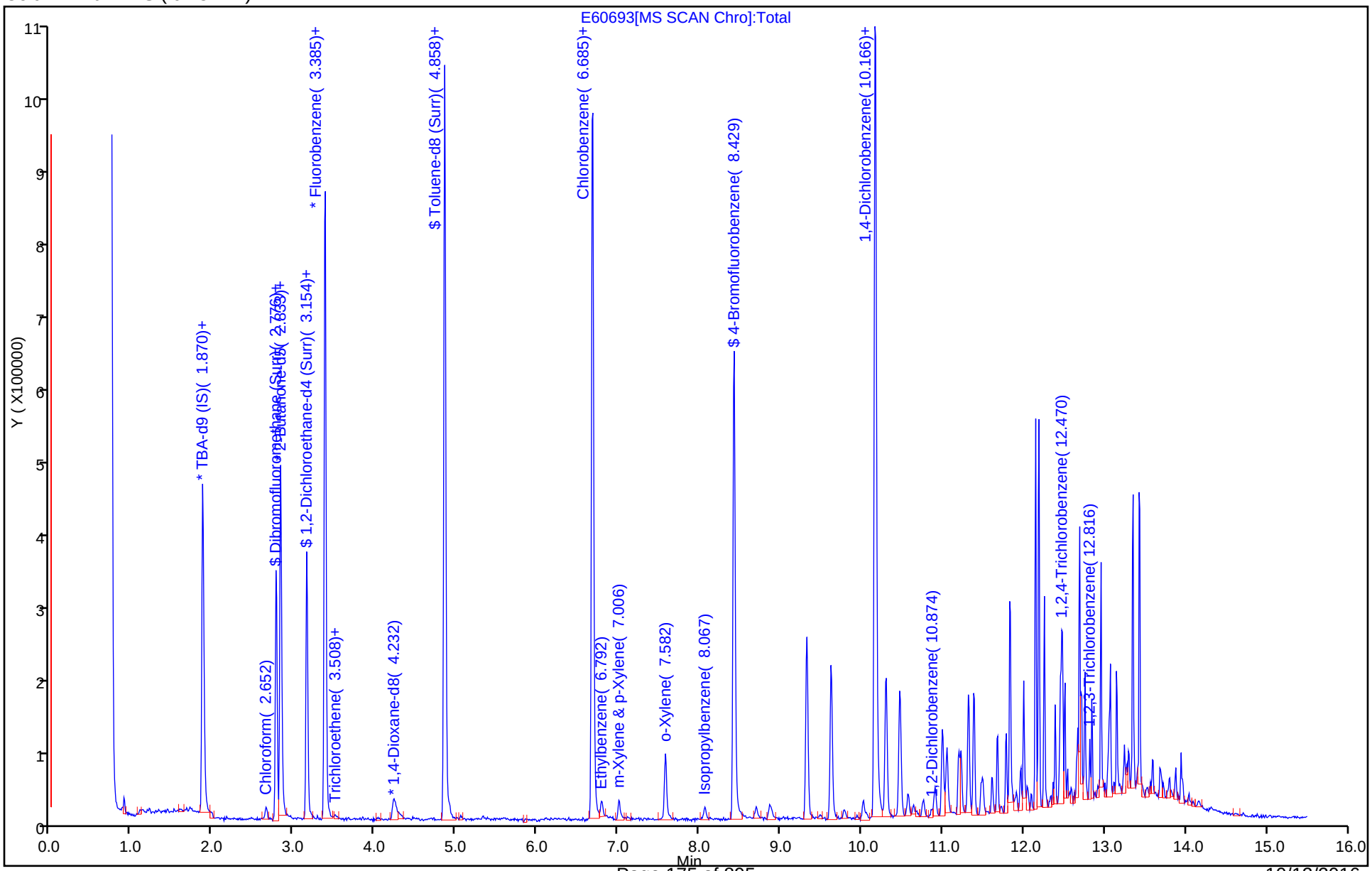
Report Date: 10-Oct-2016 13:59:08 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D

Injection Date:	05-Oct-2016 21:53:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4	Worklist Smp#:	35
Client ID:	MW-22				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)

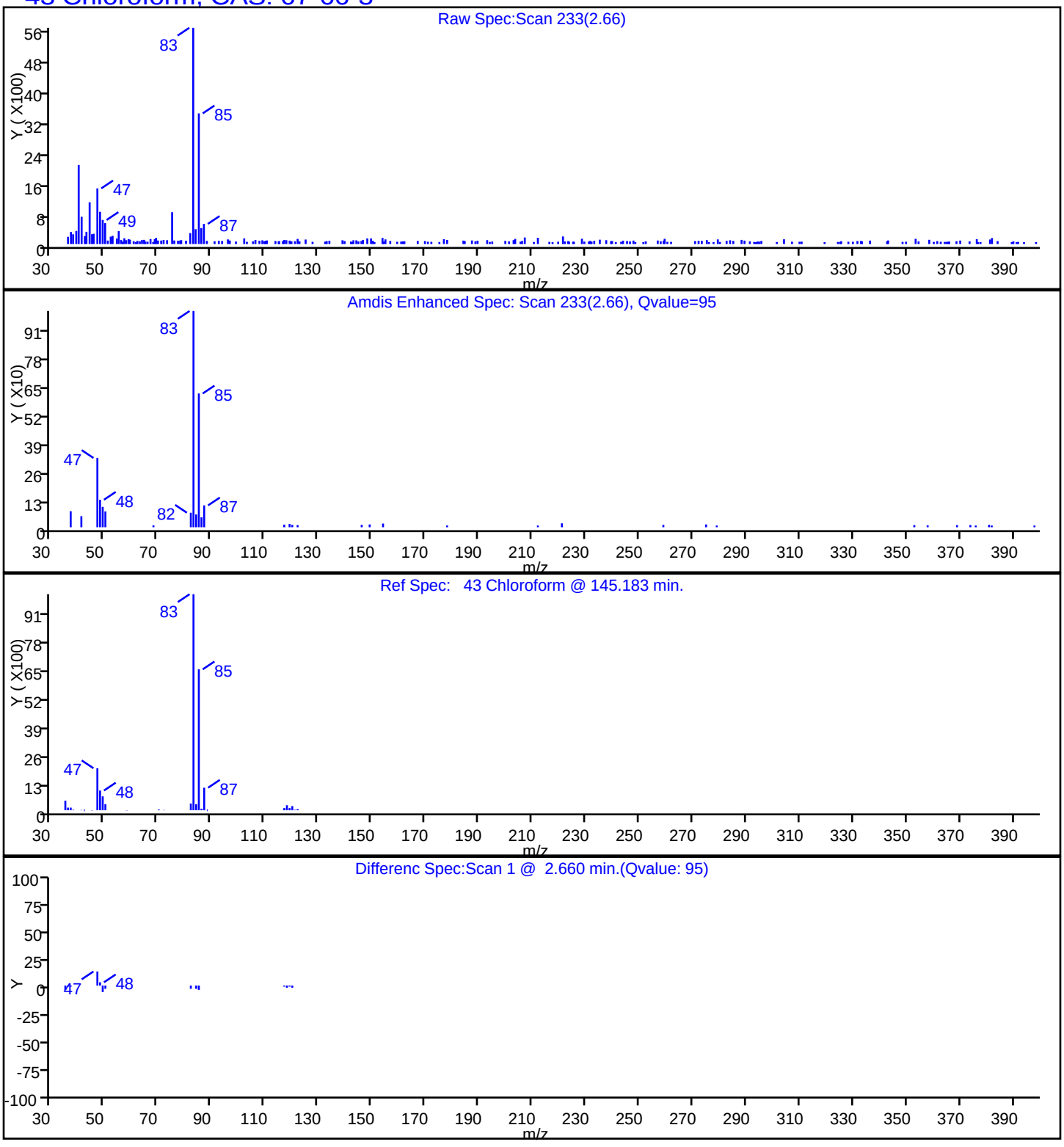


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D

Injection Date:	05-Oct-2016 21:53:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3

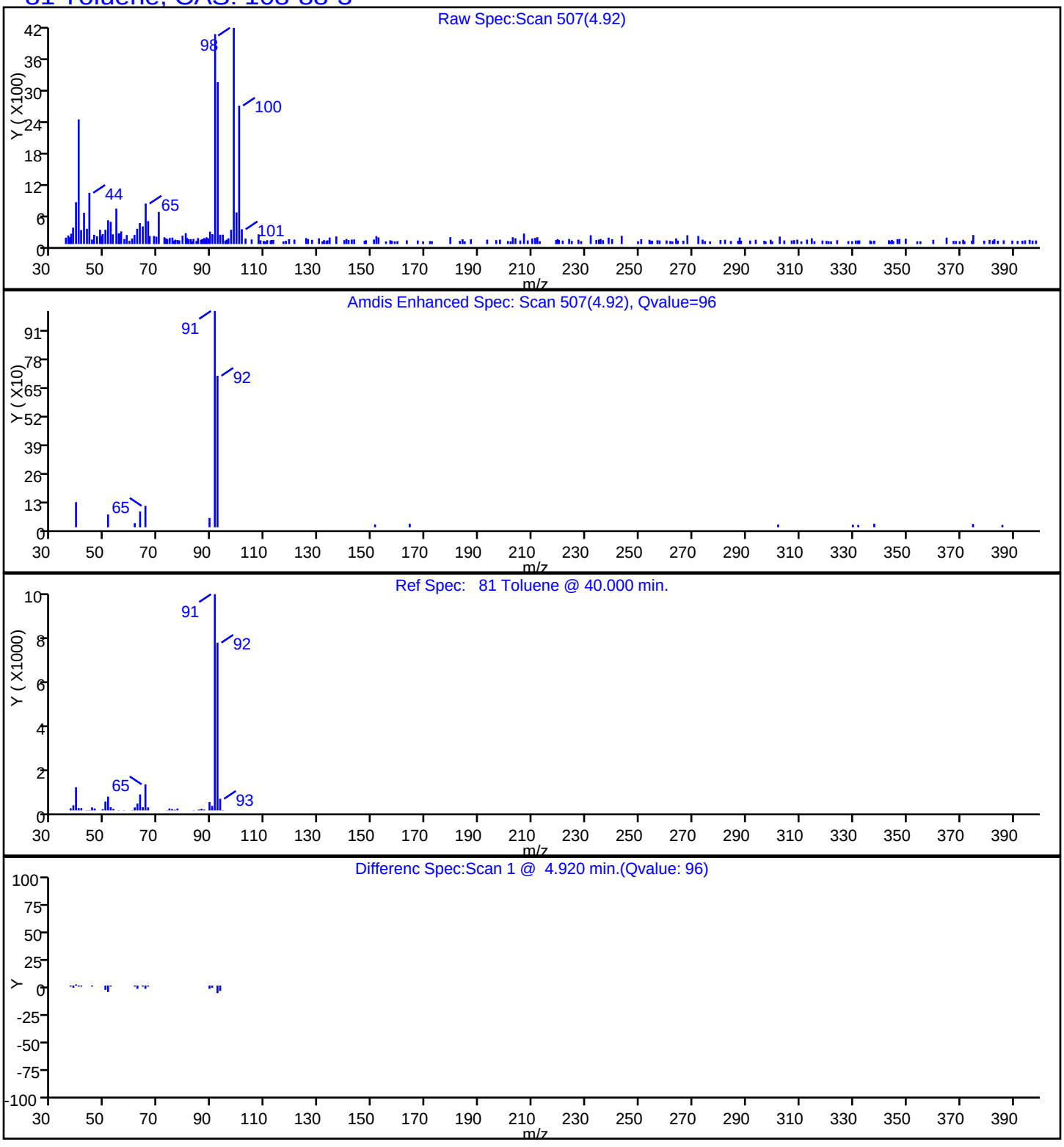


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D

Injection Date:	05-Oct-2016 21:53:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

81 Toluene, CAS: 108-88-3



TestAmerica Edison

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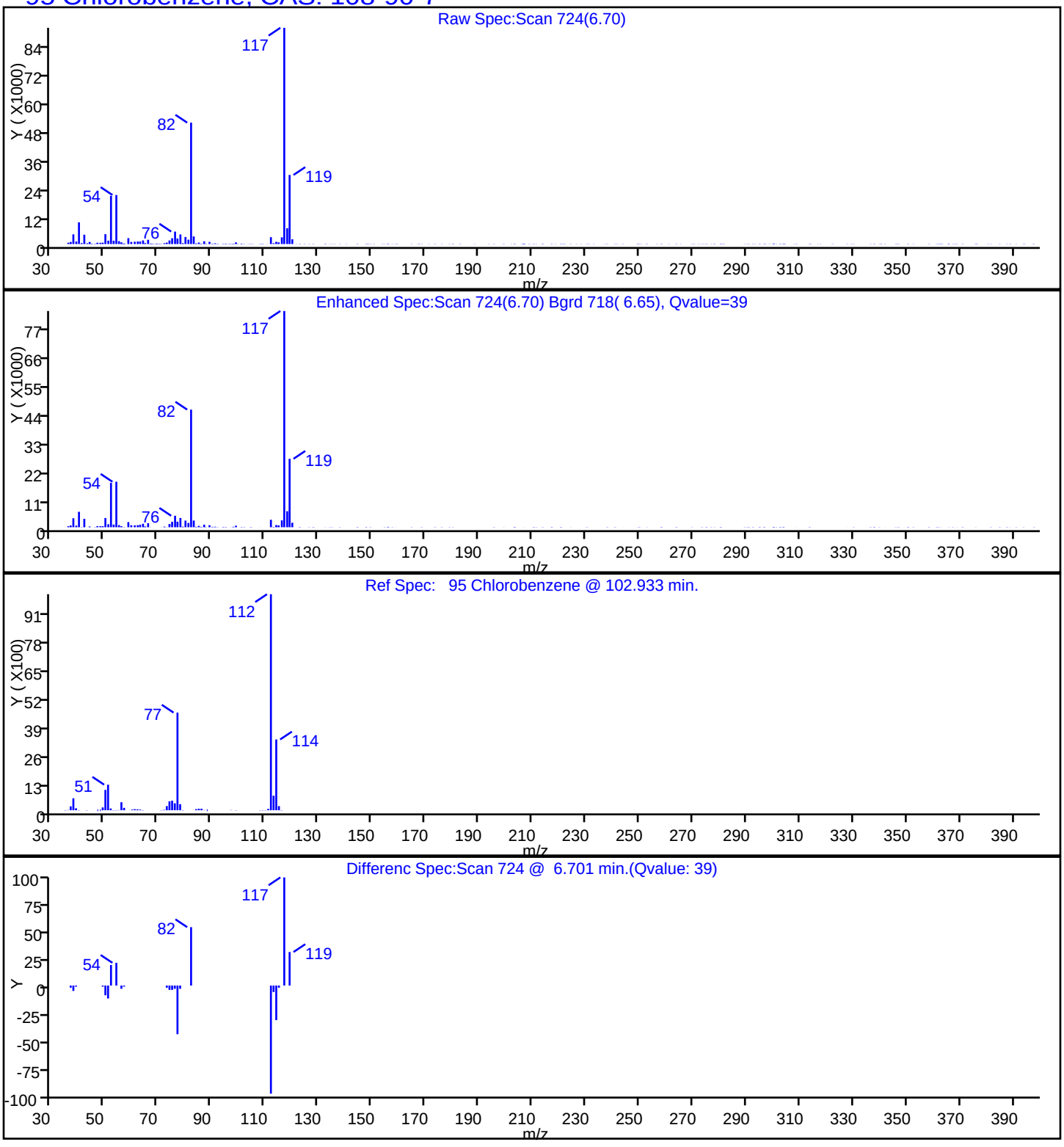
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

95 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

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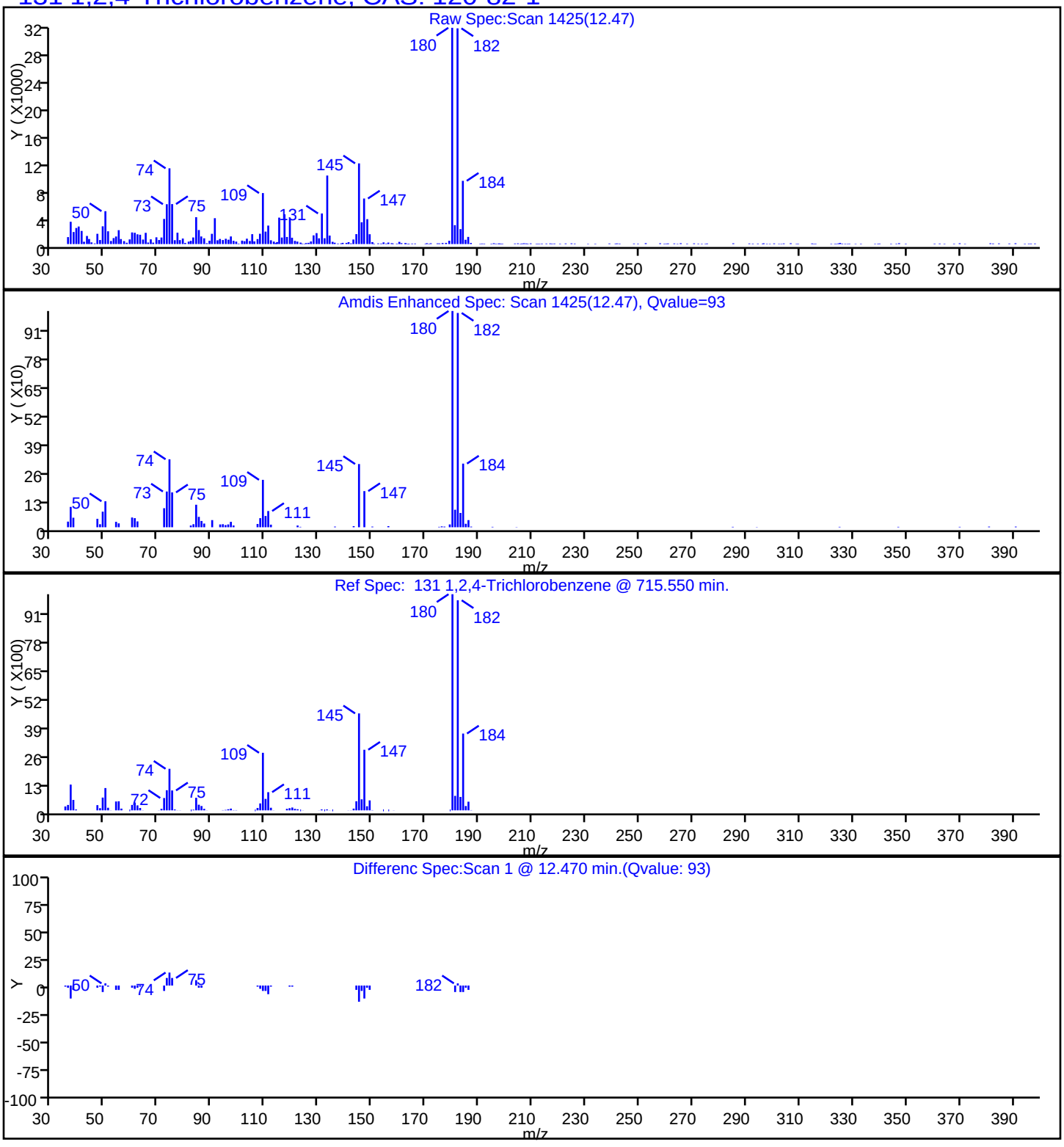
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

131 1,2,4-Trichlorobenzene, CAS: 120-82-1



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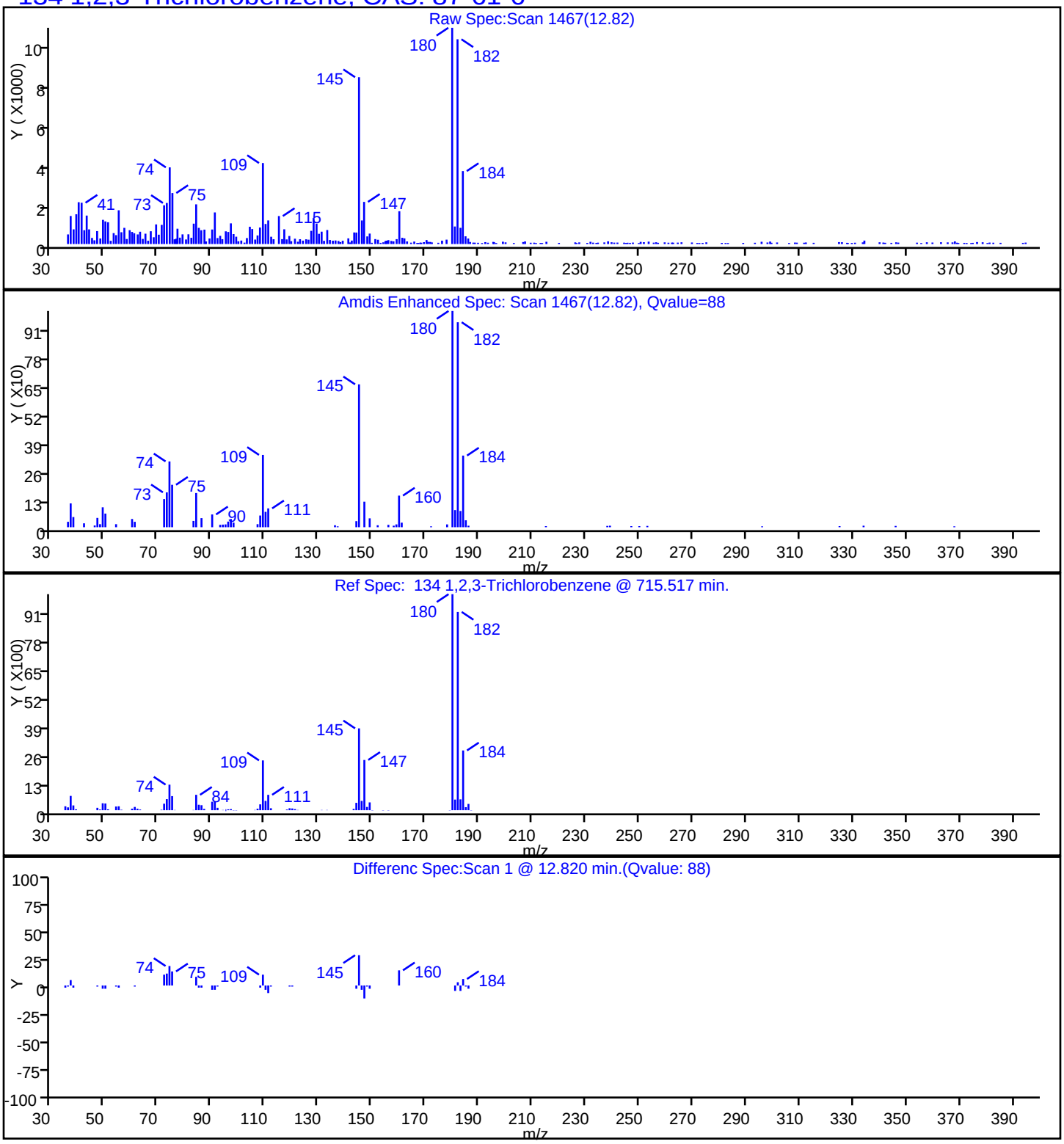
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

134 1,2,3-Trichlorobenzene, CAS: 87-61-6



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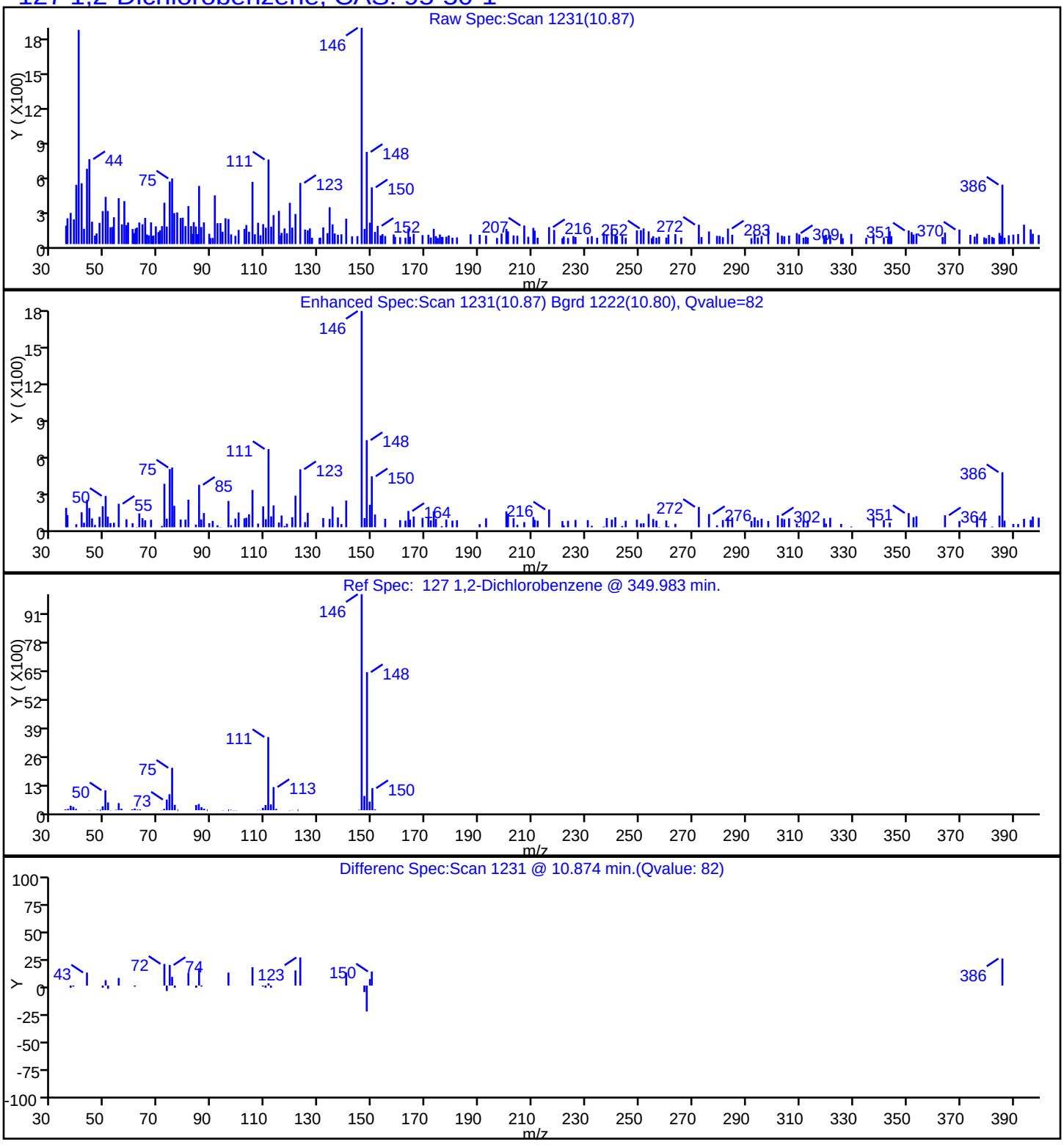
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

127 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

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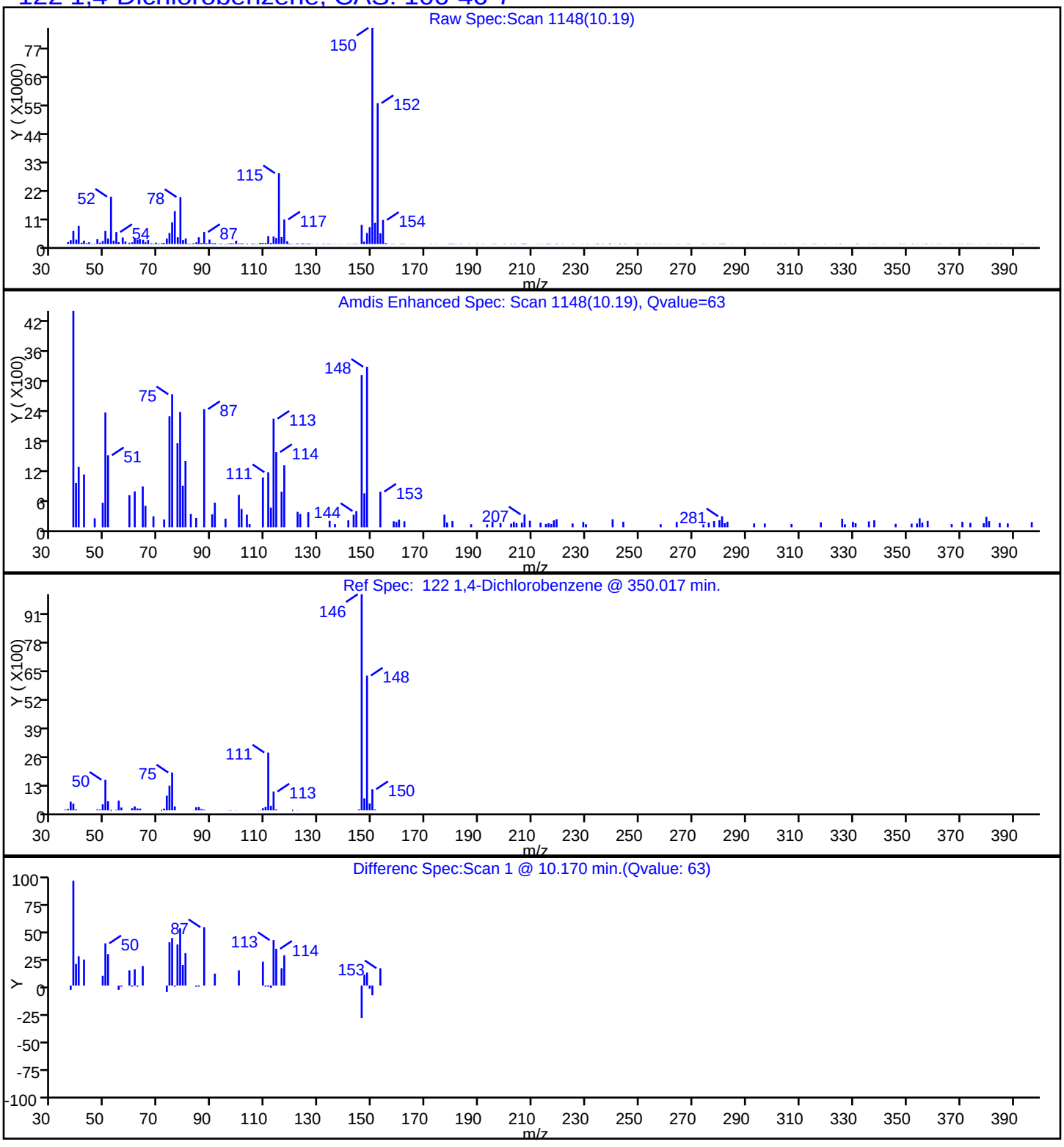
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

122 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

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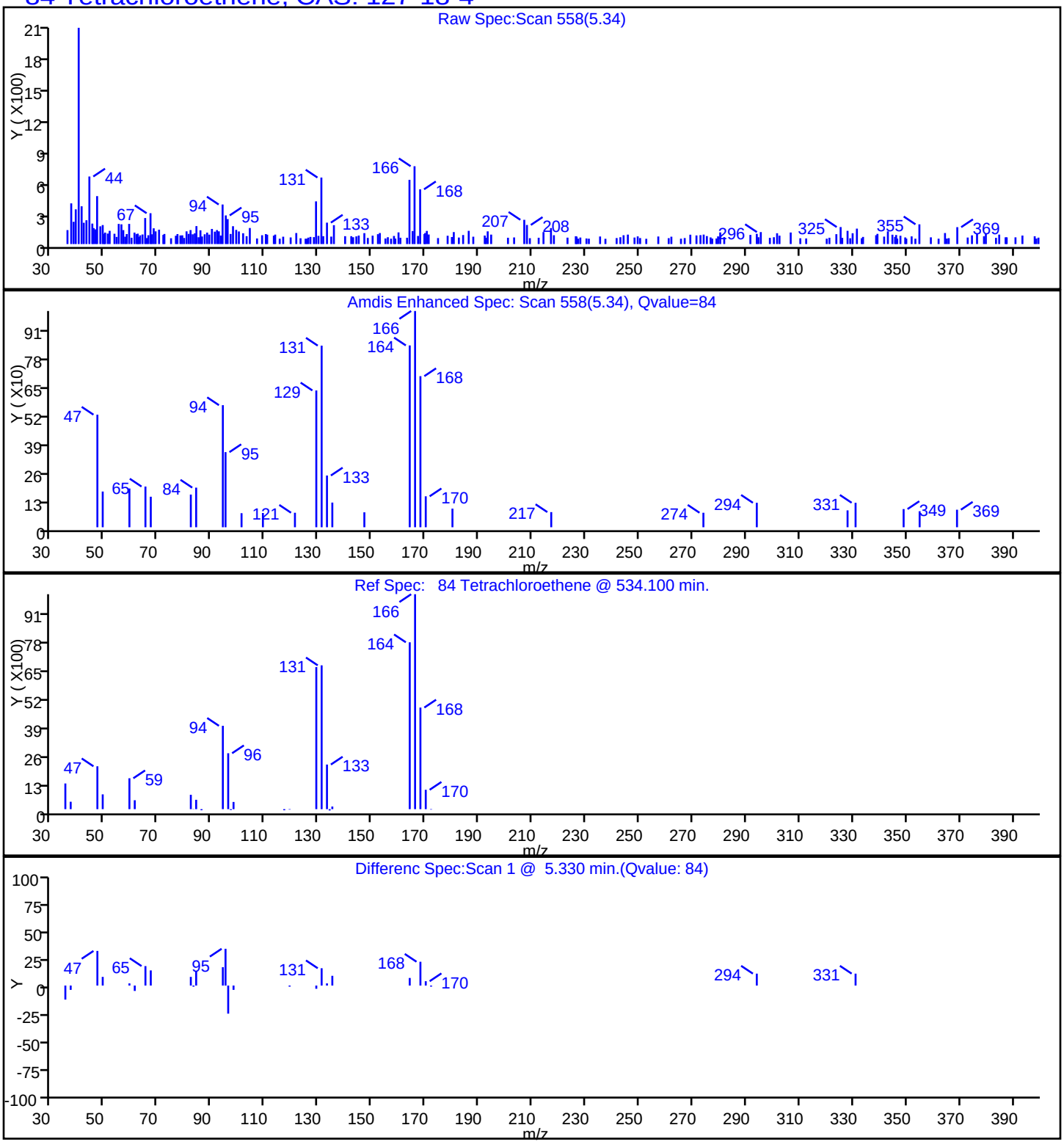
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

84 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

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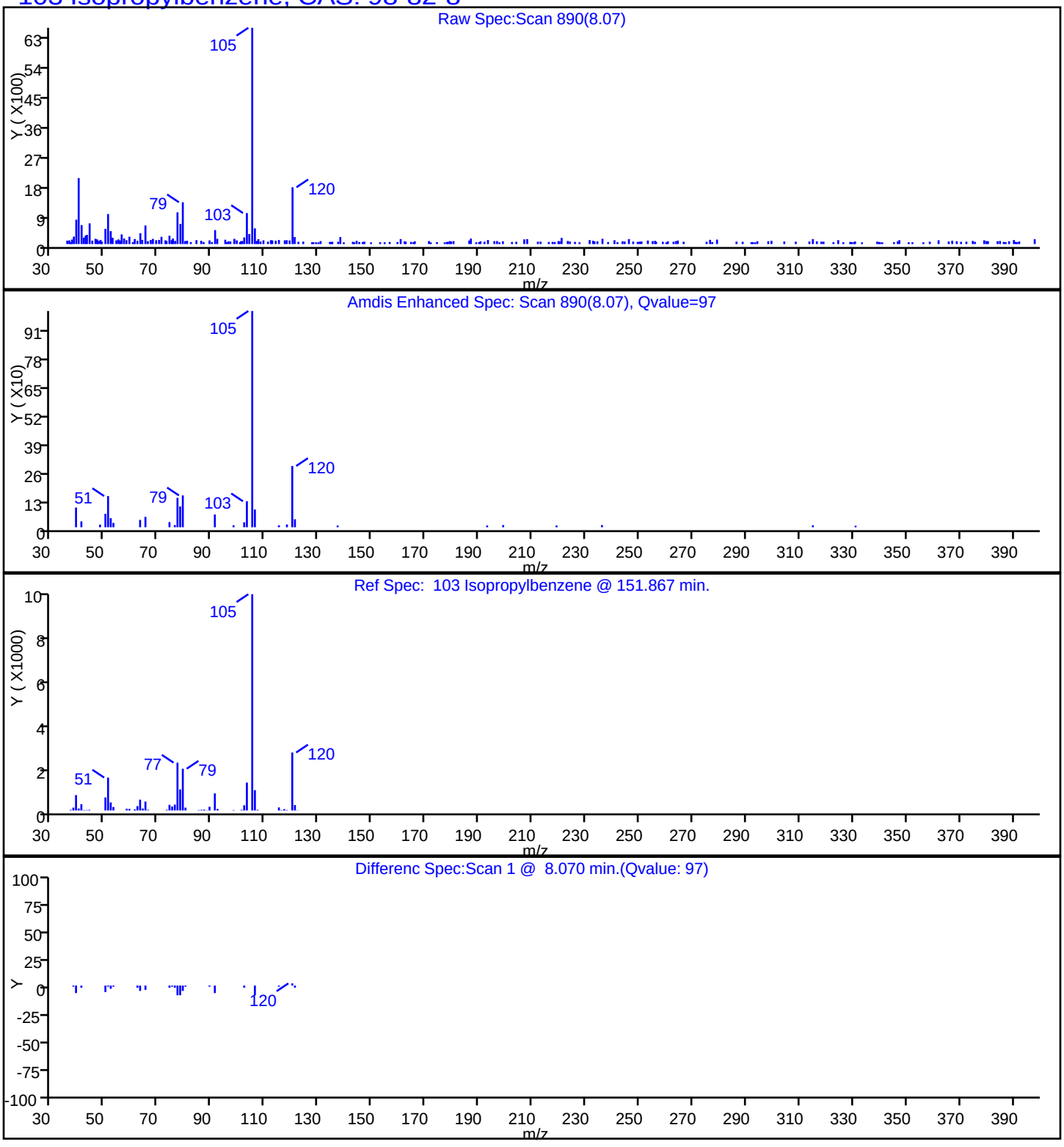
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

103 Isopropylbenzene, CAS: 98-82-8



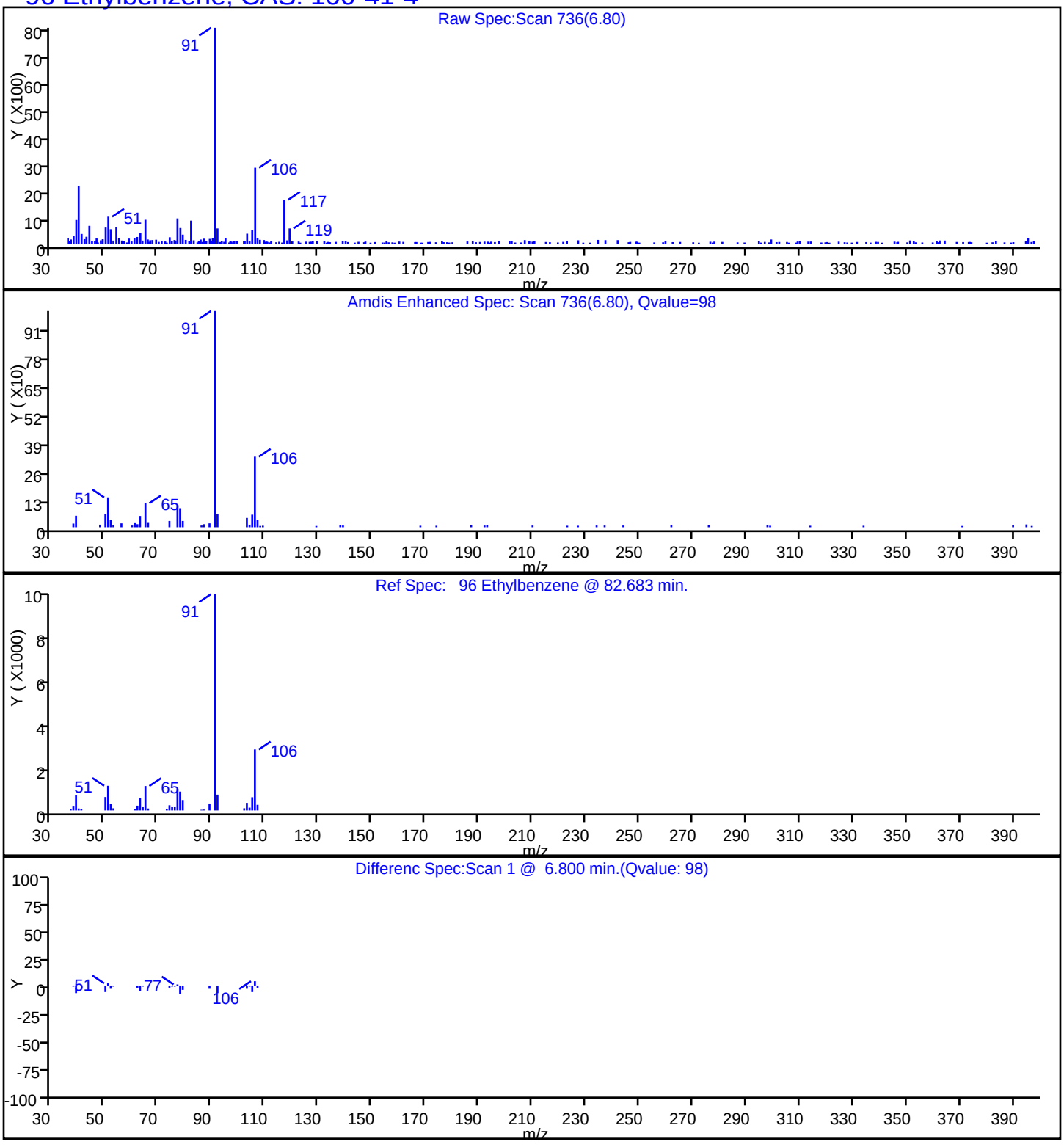
Report Date: 10-Oct-2016 13:59:08 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D

Injection Date:	05-Oct-2016 21:53:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

96 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D				
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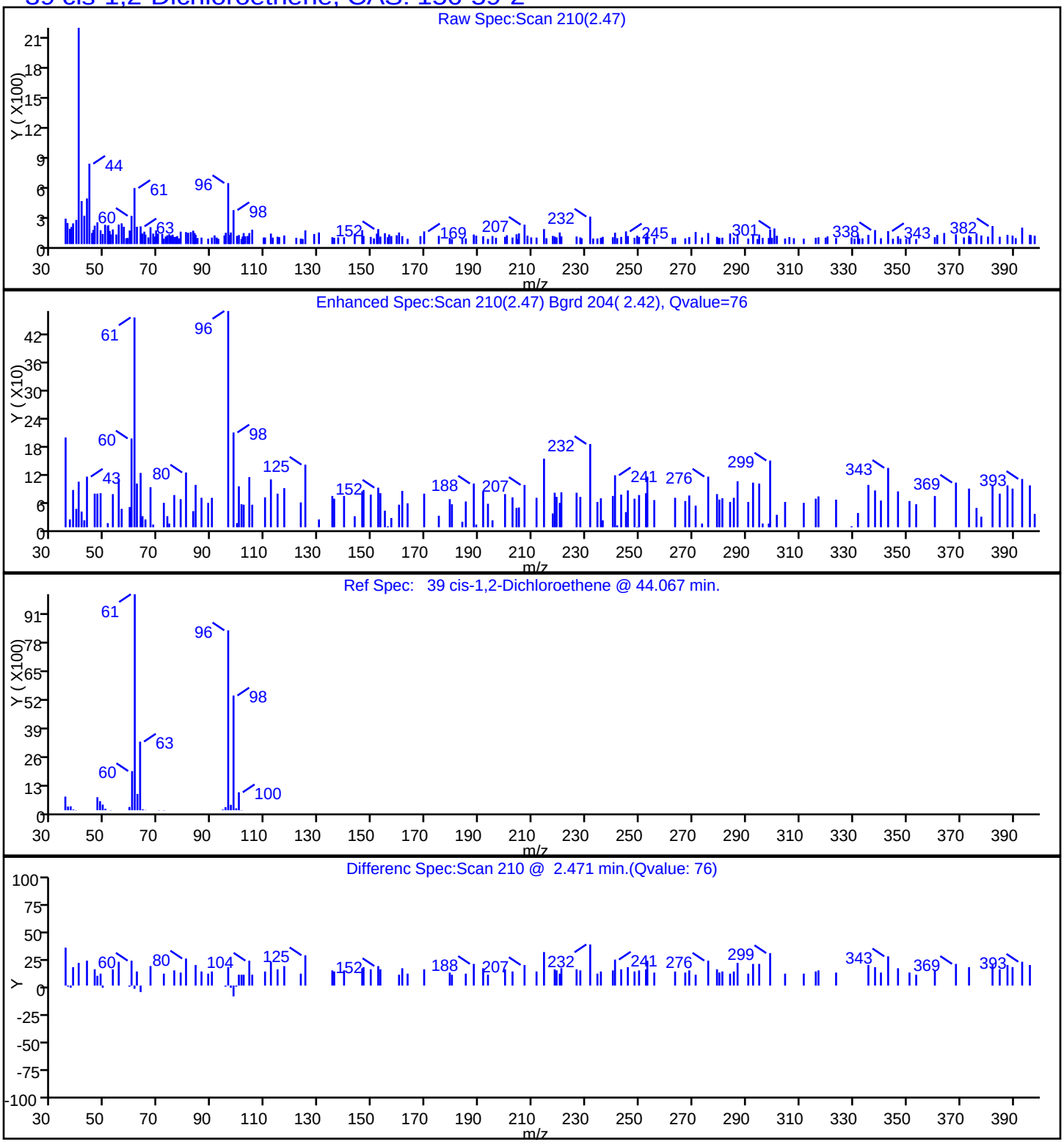
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D				
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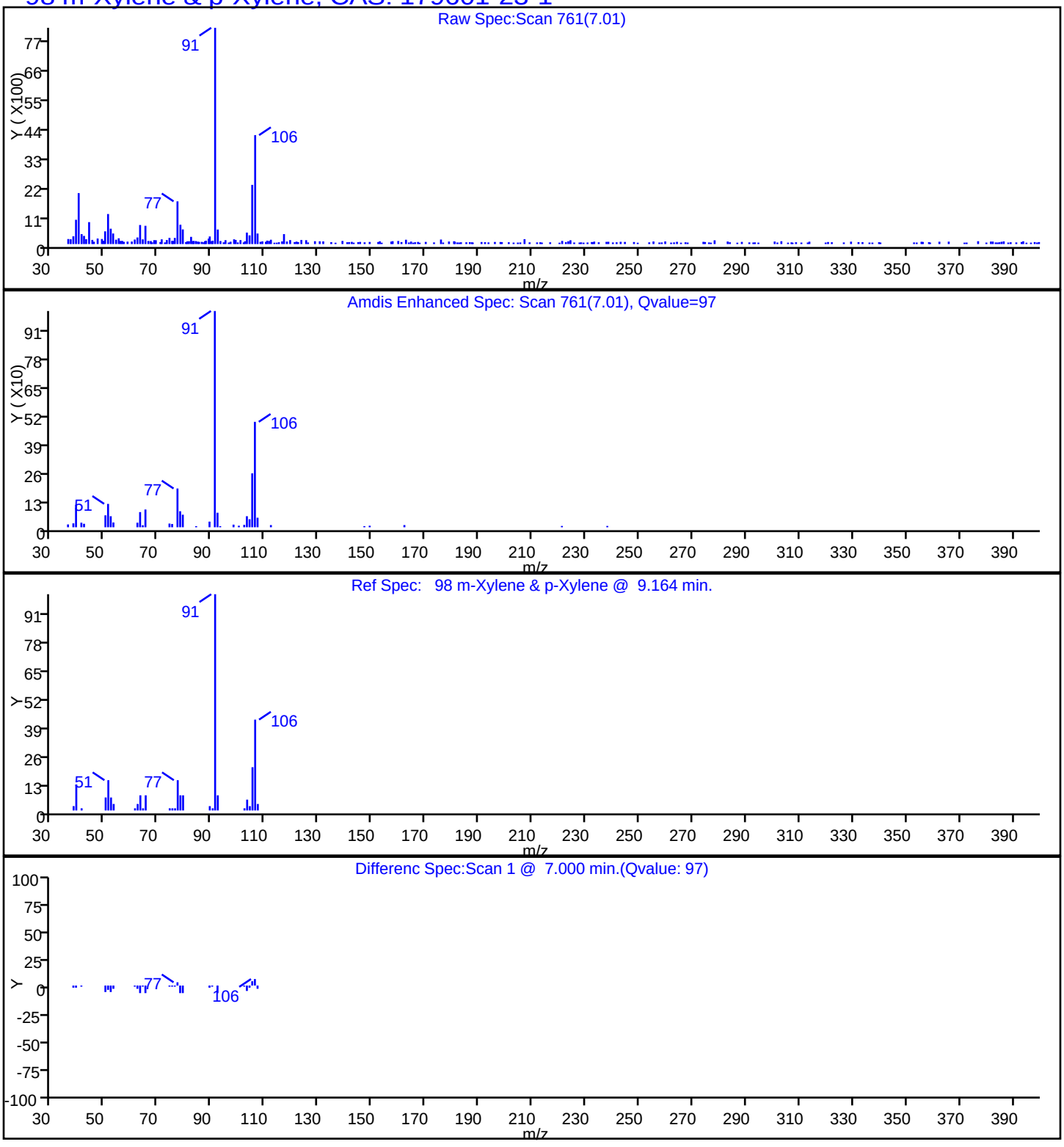
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

98 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D				
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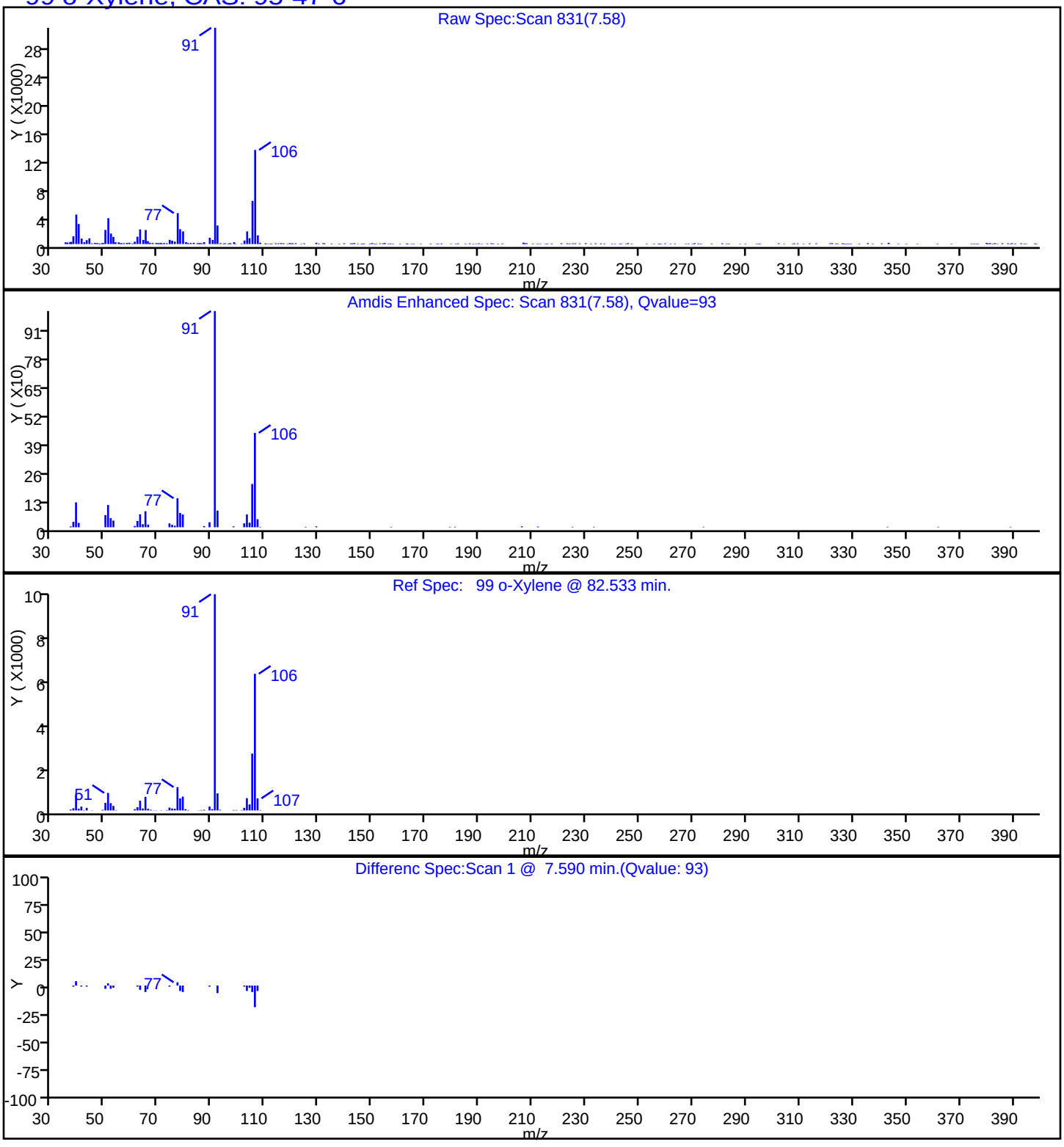
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

99 o-Xylene, CAS: 95-47-6



TestAmerica Edison

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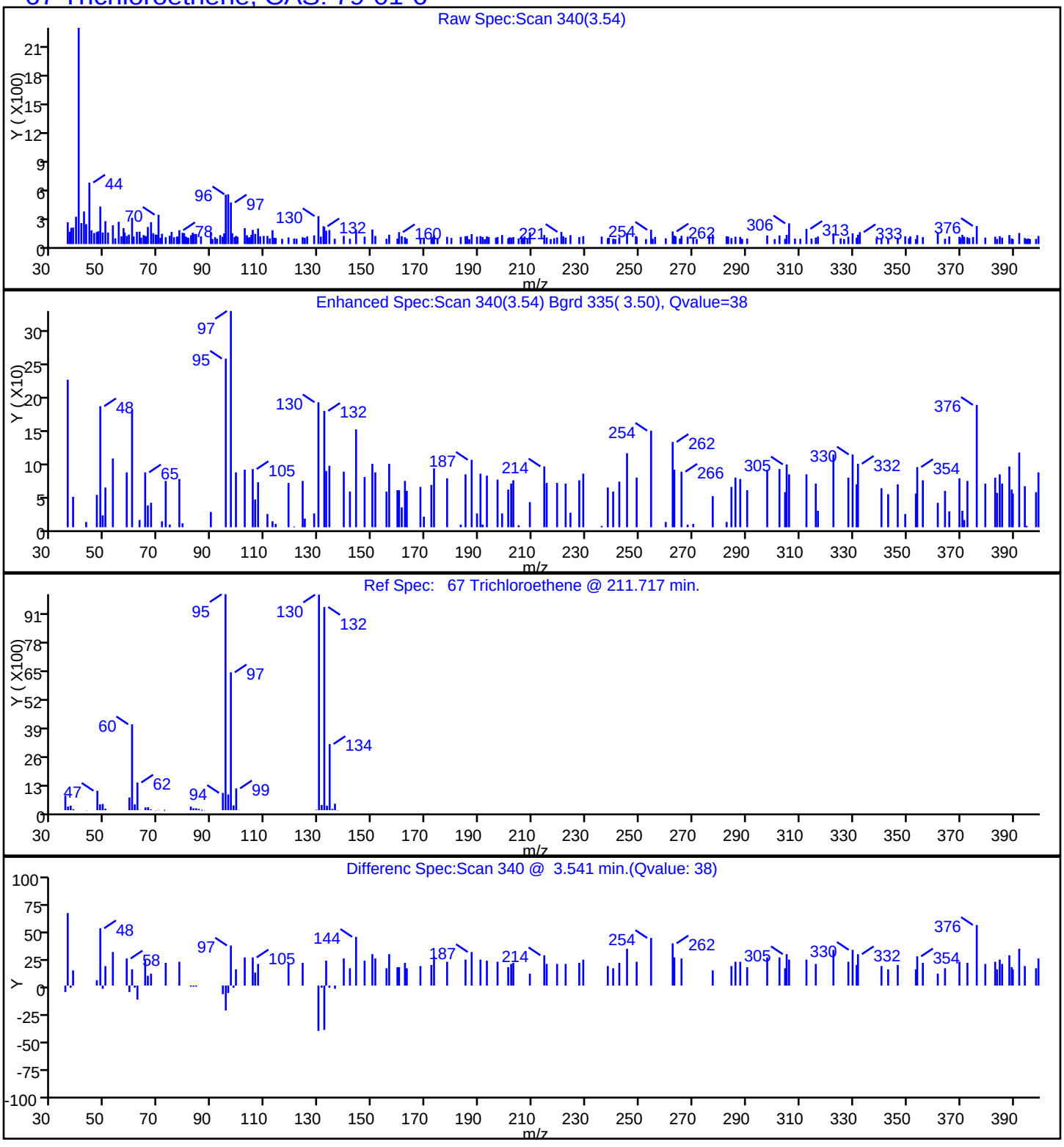
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

67 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

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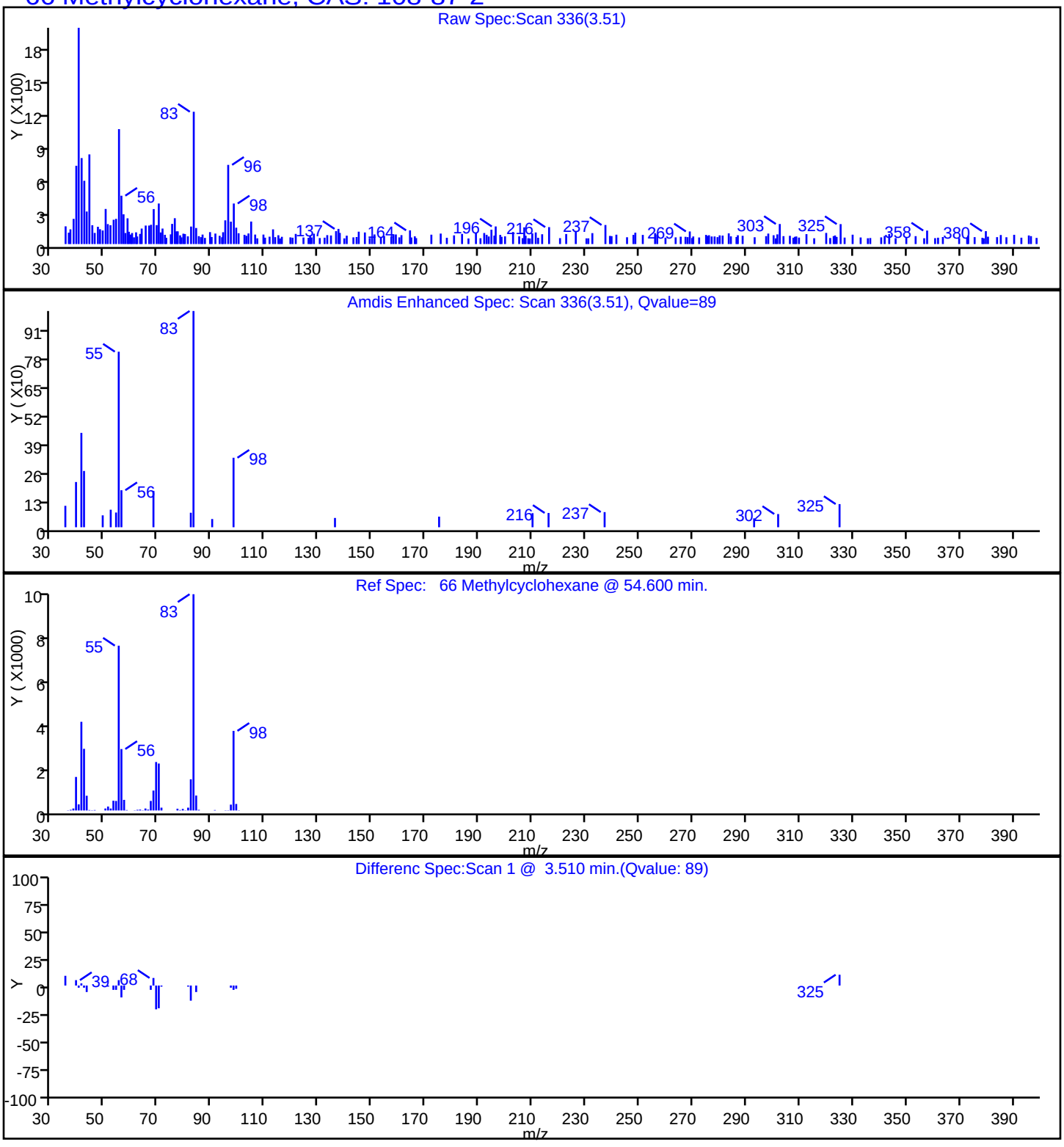
Lims ID:	460-121208-B-4	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	35
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

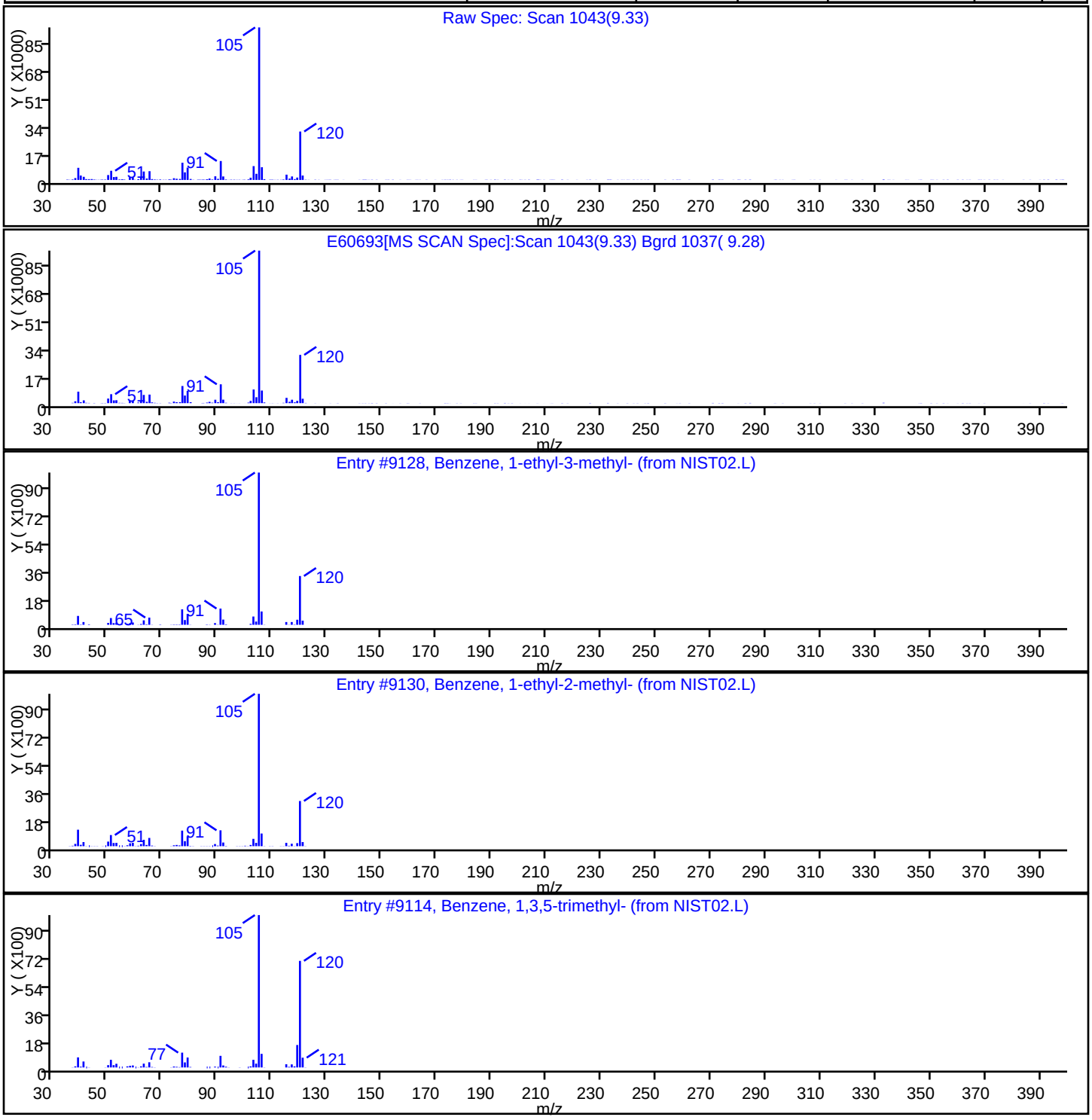
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

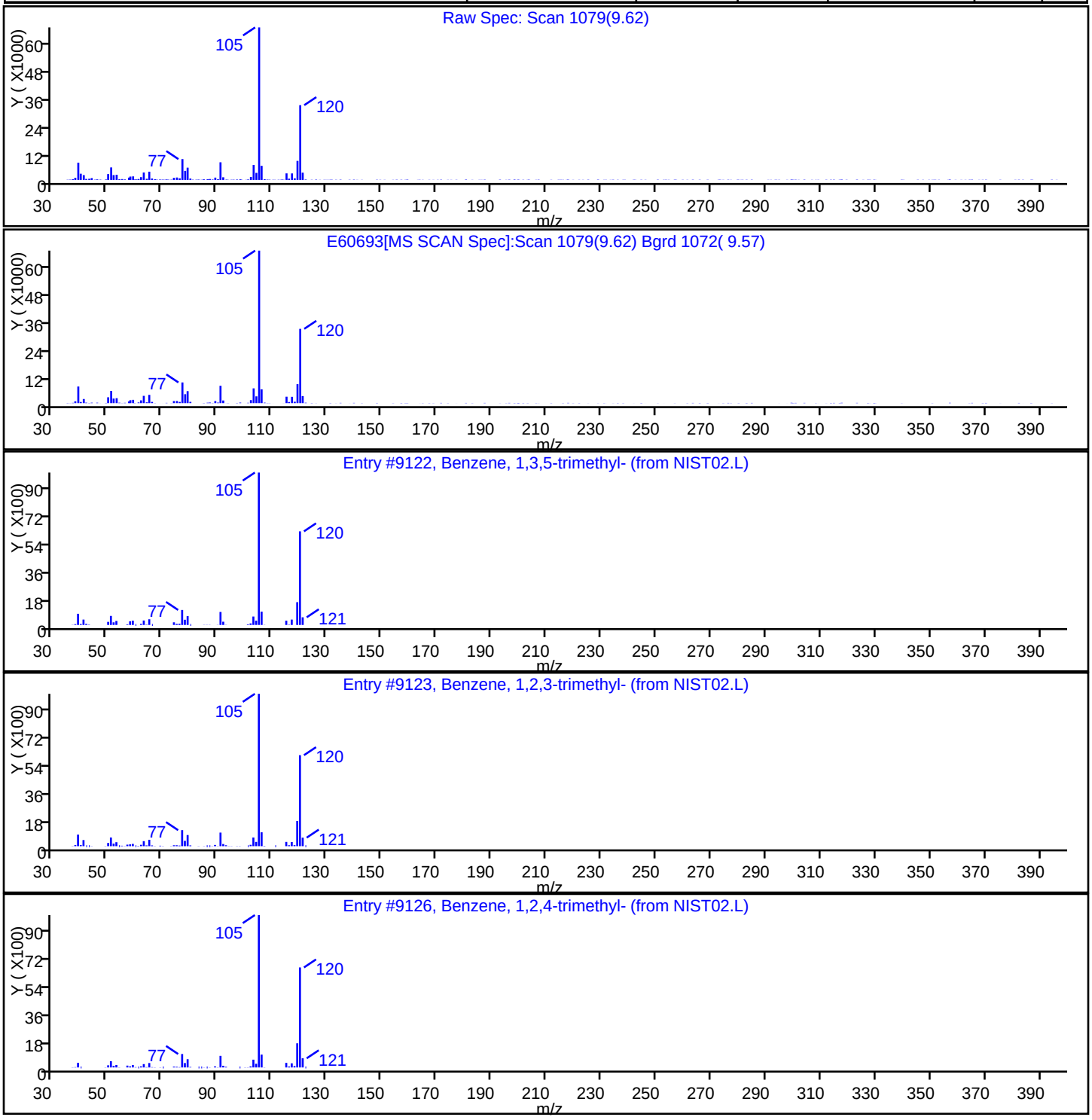
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9128	C9H12	120	91
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	C9H12	120	94
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9114	C9H12	120	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
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
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	94



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TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D

Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5

Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4

Client ID: MW-22

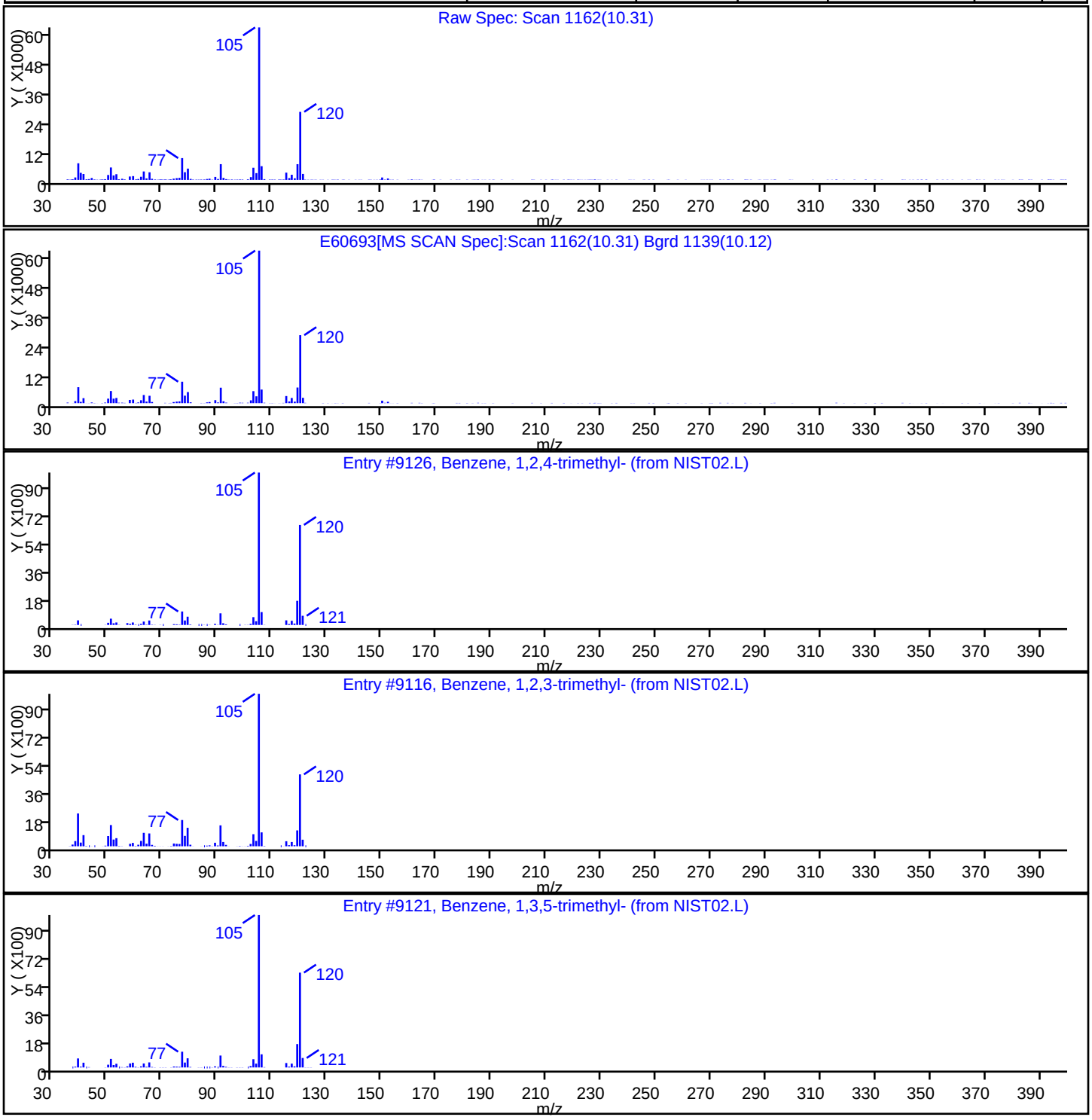
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	94
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9116	C9H12	120	94
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9121	C9H12	120	94



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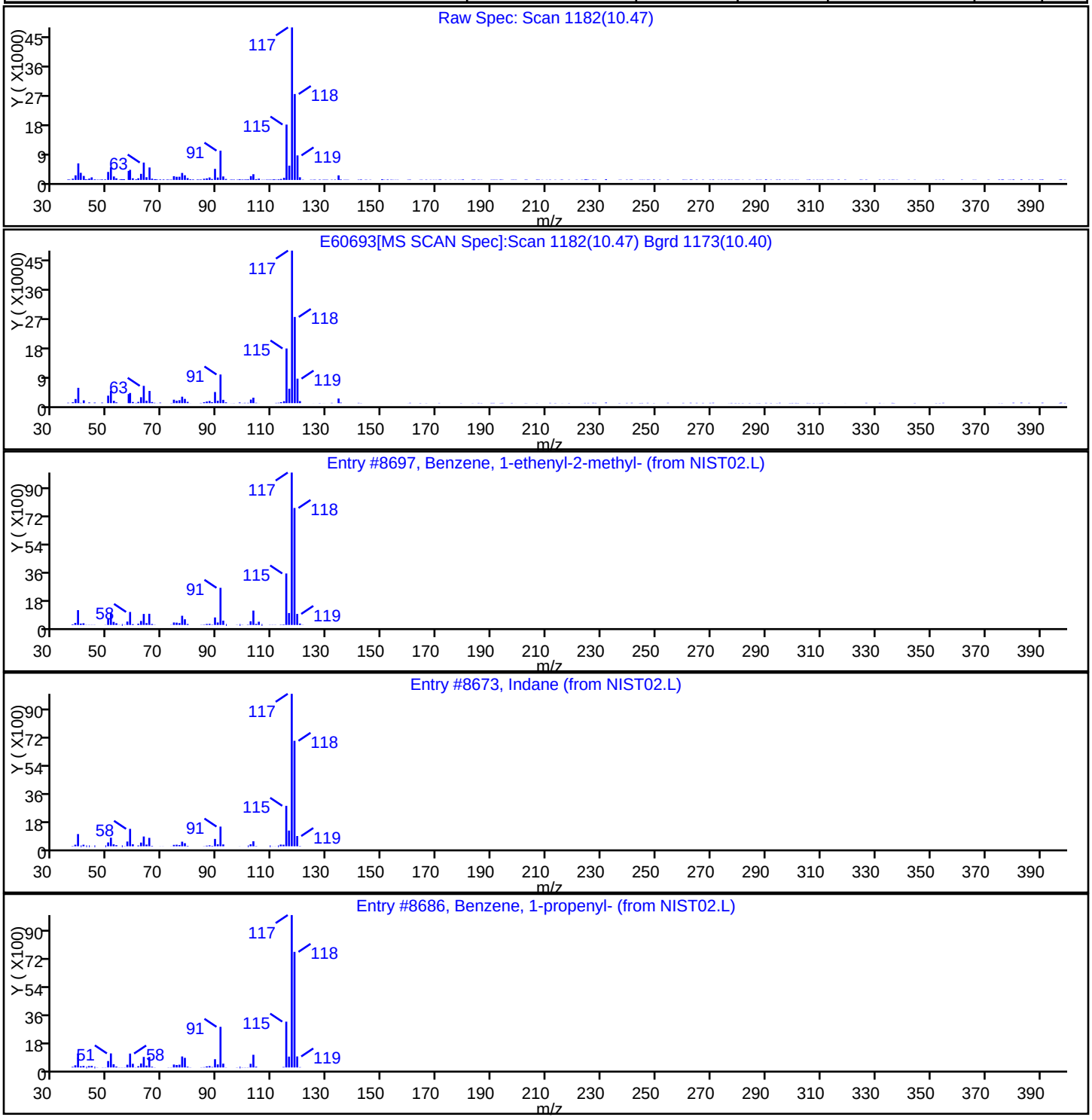
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

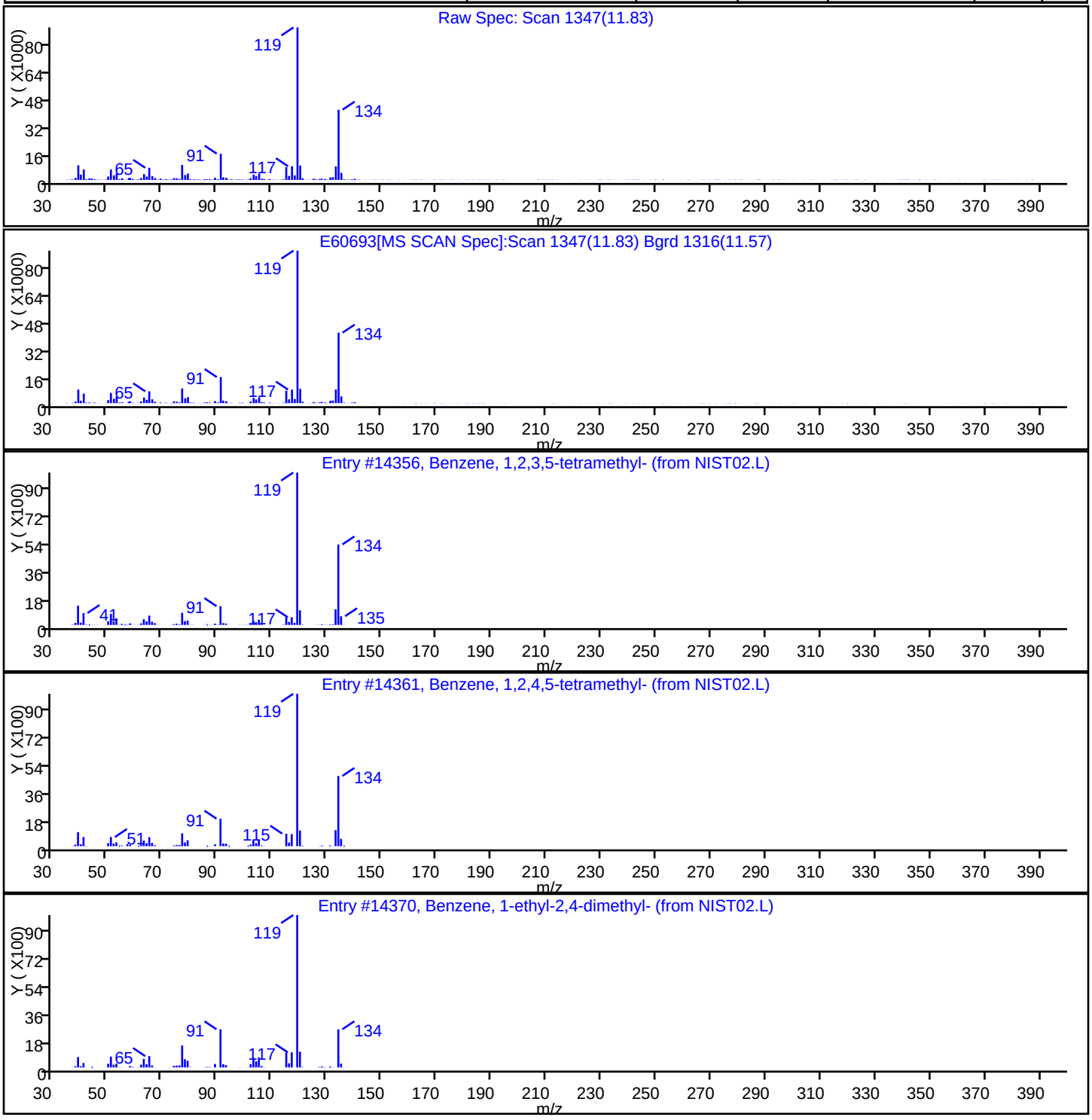
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethenyl-2-methyl-	611-15-4	NIST02.L	8697	C9H10	118	90
Indane	496-11-7	NIST02.L	8673	C9H10	118	81
Benzene, 1-propenyl-	637-50-3	NIST02.L	8686	C9H10	118	81



TestAmerica Edison

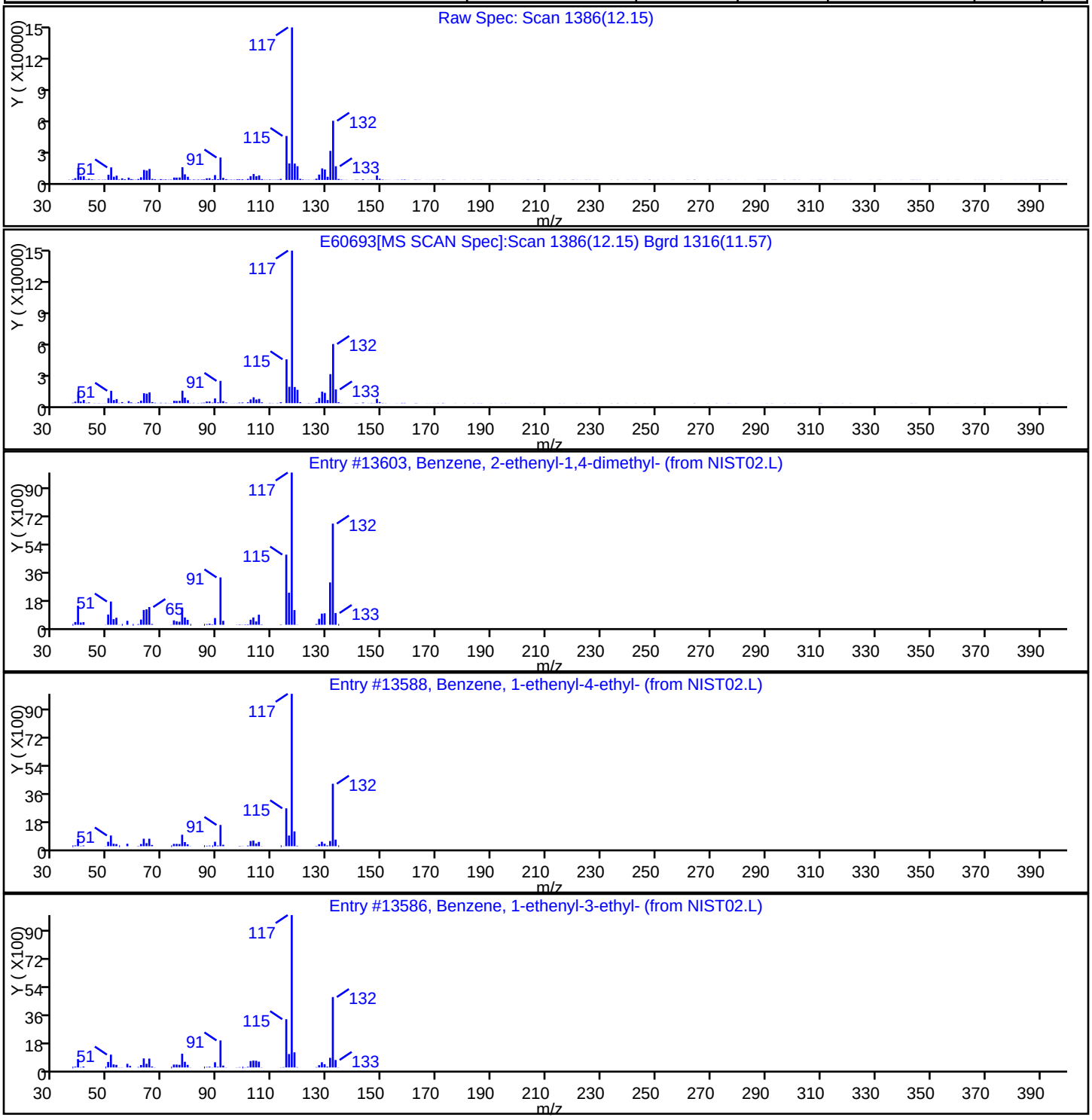
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	96
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	95



Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

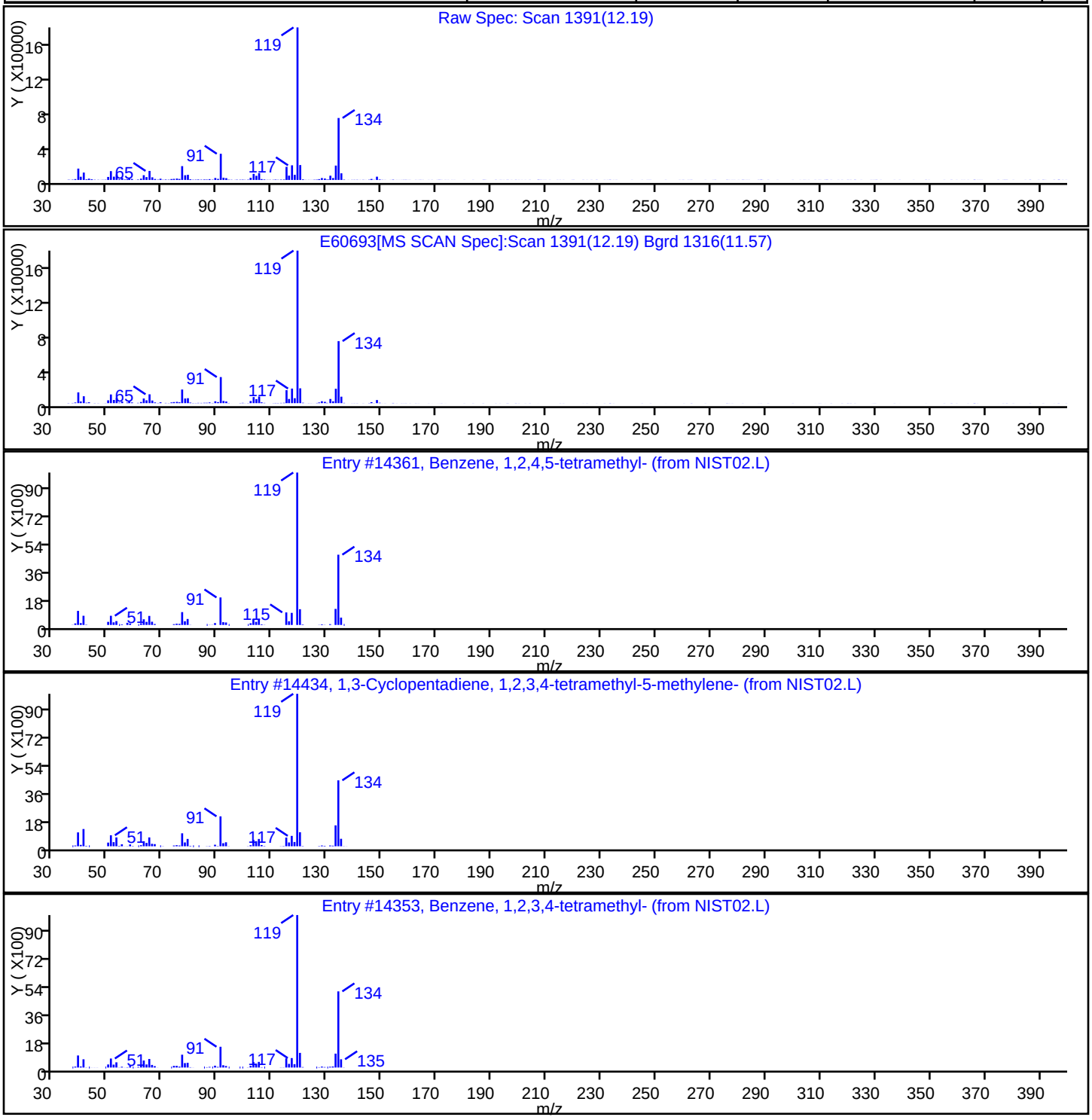
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.L	13603	C10H12	132	95
Benzene, 1-ethenyl-4-ethyl-	3454-07-7	NIST02.L	13588	C10H12	132	93
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.L	13586	C10H12	132	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
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	96
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	96
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	95



Report Date: 10-Oct-2016 13:59:09 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D

Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5

Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4

Client ID: MW-22

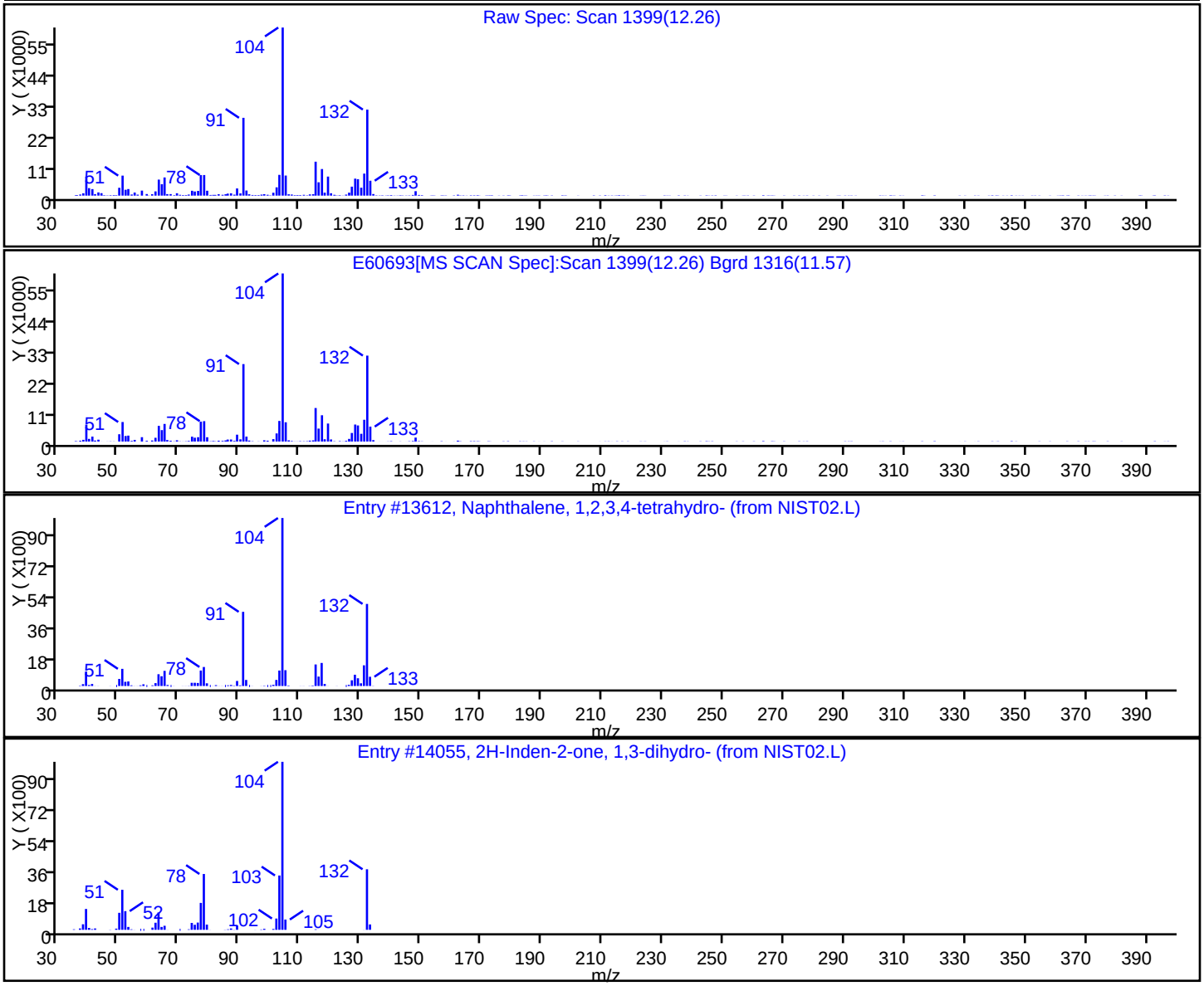
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Detector MS SCAN

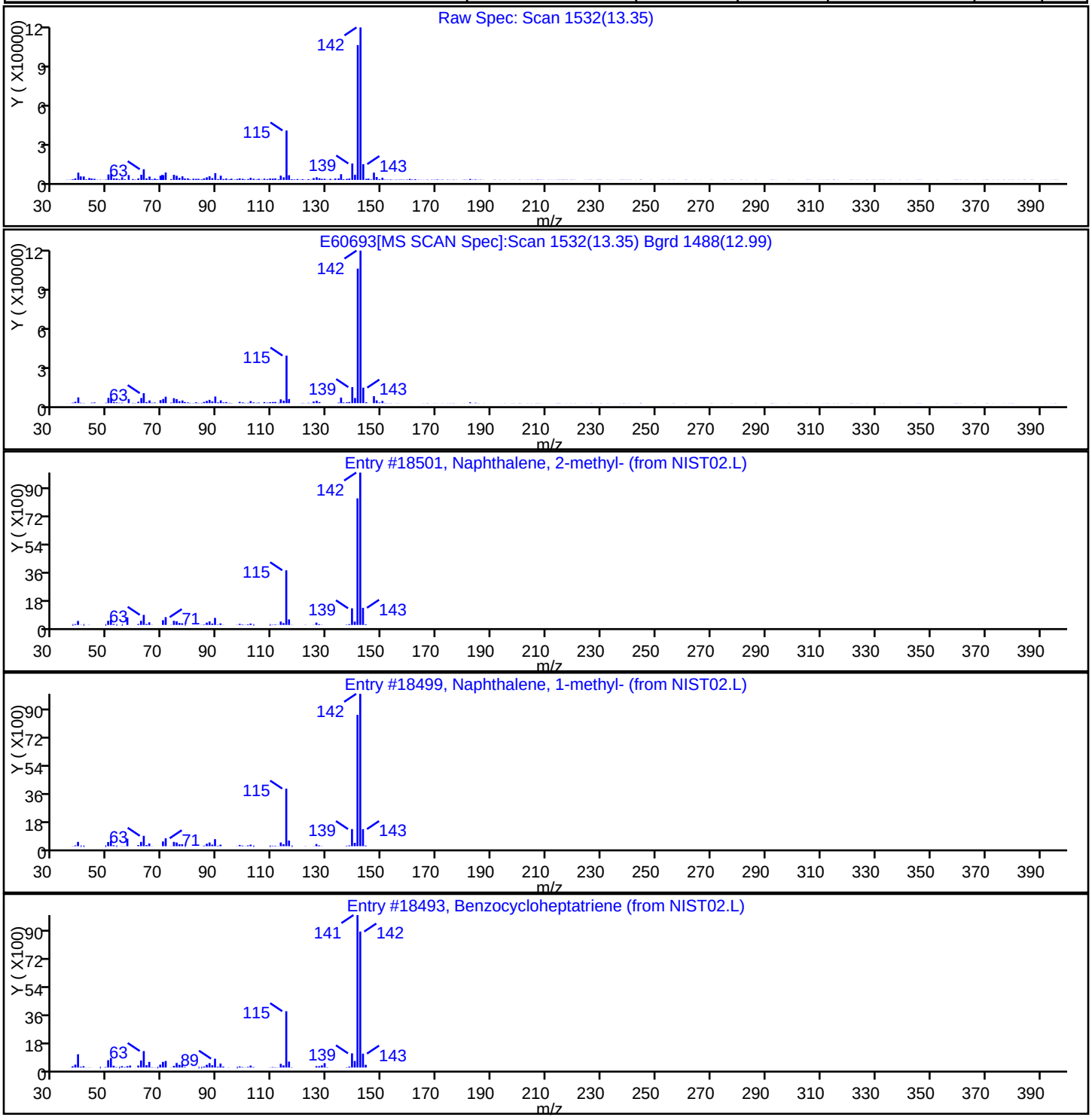
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-	119-64-2	NIST02.L	13612	C10H12	132	95
2H-Inden-2-one, 1,3-dihydro-	615-13-4	NIST02.L	14055	C9H8O	132	60



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Detector MS SCAN

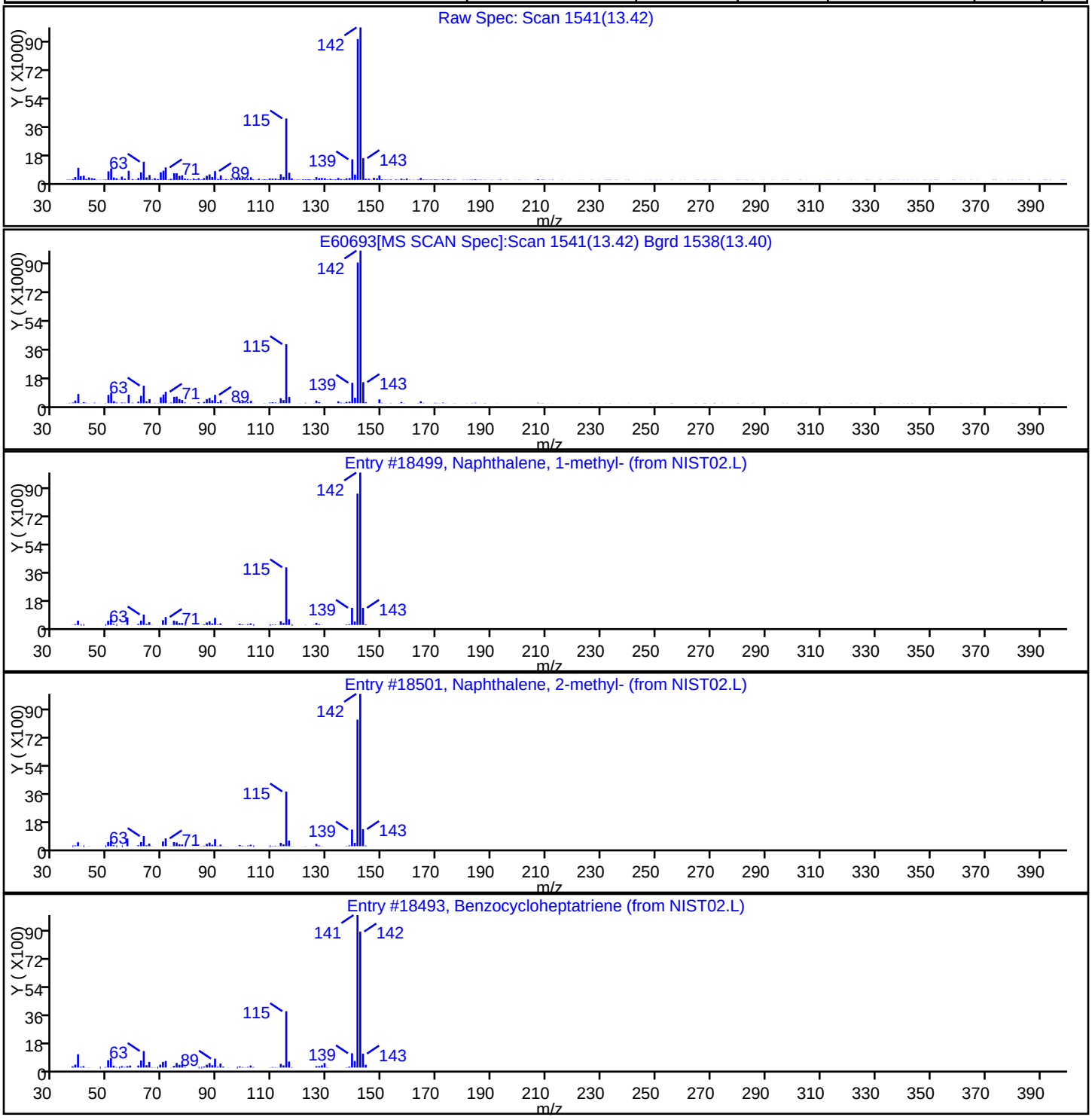
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60693.D
Injection Date: 05-Oct-2016 21:53:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-4 Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 27 Worklist Smp#: 35
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
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
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-121208-5

Matrix: Water | Lab File ID: E60692.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.62	J	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.45	J	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	11		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	3.6		1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.43	J	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.38	J	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.7		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.61	J	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-121208-5

Matrix: Water | Lab File ID: E60692.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.20	J	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	1.6		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.59	J	2.0	0.28
79-01-6	Trichloroethene	0.41	J	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-121208-5

Matrix: Water | Lab File ID: E60692.D

Analysis Method: 624 | Date Collected: 09/30/2016 10:50

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D
Lims ID: 460-121208-B-5
Client ID: MW-18
Sample Type: Client
Inject. Date: 05-Oct-2016 21:28:30 ALS Bottle#: 26 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-5
Misc. Info.: 460-0046448-034
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 13:57:05 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:51:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
26 trans-1,2-Dichloroethene	96	1.797	1.797	0.000	32	769	0.1965	
* 30 TBA-d9 (IS)	65	1.871	1.887	-0.016	97	446044	1000.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	94	6563	1.60	
43 Chloroform	83	2.661	2.652	0.009	91	4301	0.6233	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	168848	50.1	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	440730	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	96	213944	50.4	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	647629	50.0	
67 Trichloroethene	95	3.541	3.525	0.016	89	1671	0.4083	
* 74 1,4-Dioxane-d8	96	4.233	4.233	0.000	93	44551	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	660779	52.1	
84 Tetrachloroethene	166	5.327	5.327	0.000	87	2377	0.6095	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	568240	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	86	4876	0.4504	
99 o-Xylene	106	7.582	7.582	0.000	94	4150	0.5947	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	87	202911	45.4	
119 1,3-Dichlorobenzene	146	10.059	10.043	0.016	92	3196	0.3781	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	97	332474	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	90	15571	1.72	
127 1,2-Dichlorobenzene	146	10.874	10.857	0.017	78	3742	0.4319	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	72254	11.0	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	22332	3.64	
S 137 Xylenes, Total	100				0		0.5947	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

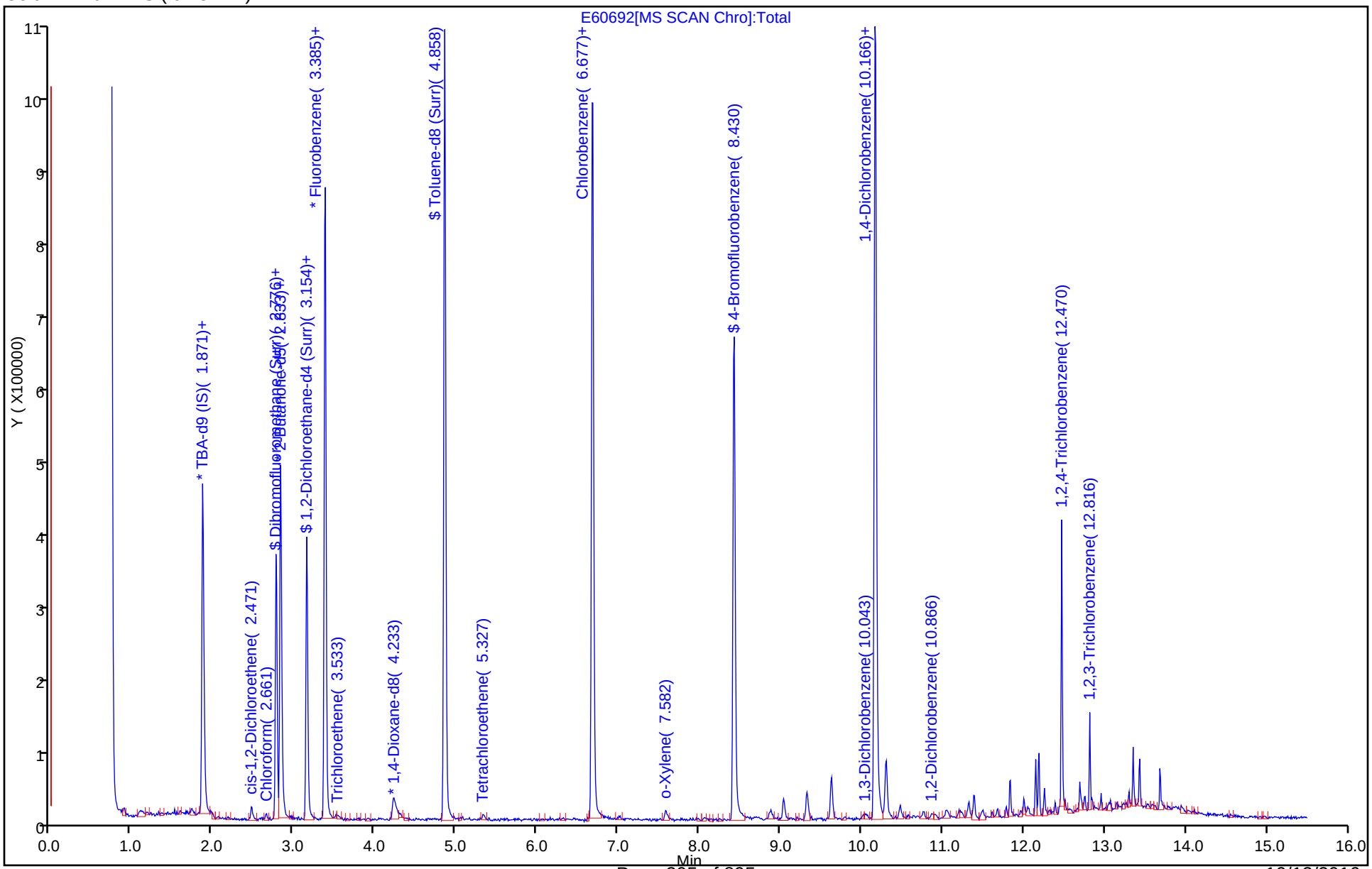
Report Date: 10-Oct-2016 13:57:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D

Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5	Worklist Smp#:	34
Client ID:	MW-18				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)

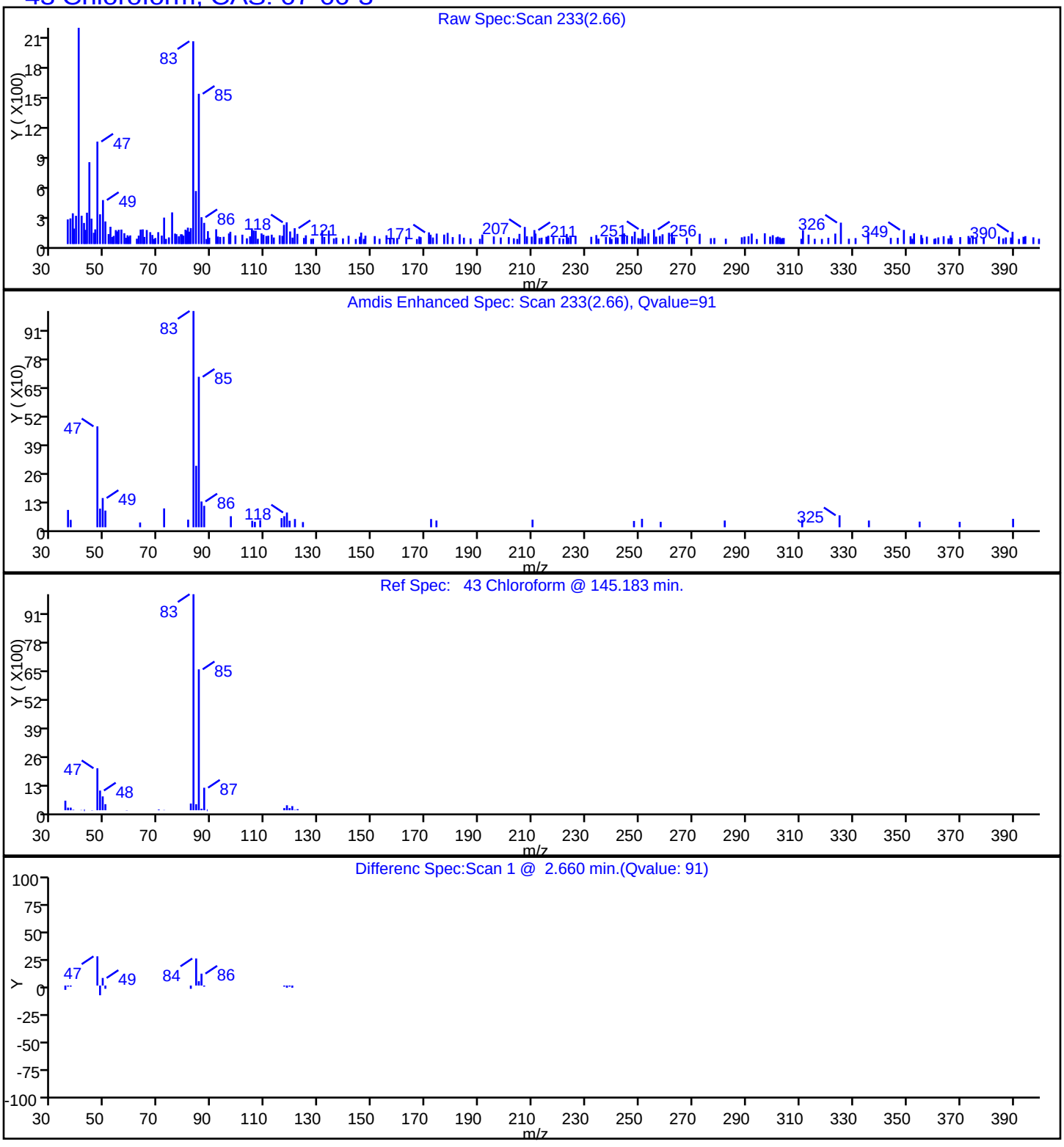


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D

Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

43 Chloroform, CAS: 67-66-3



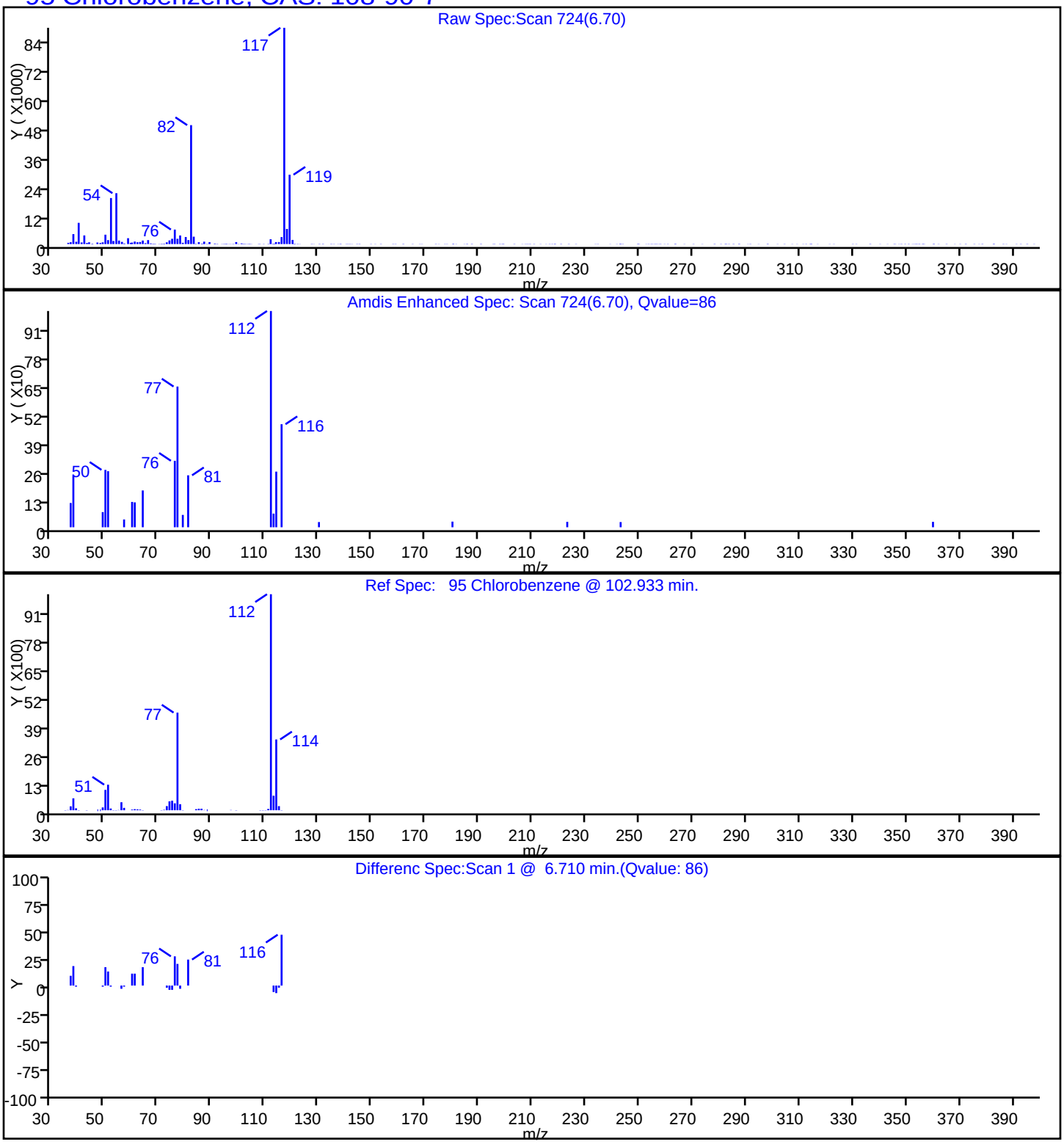
Report Date: 10-Oct-2016 13:57:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D

Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

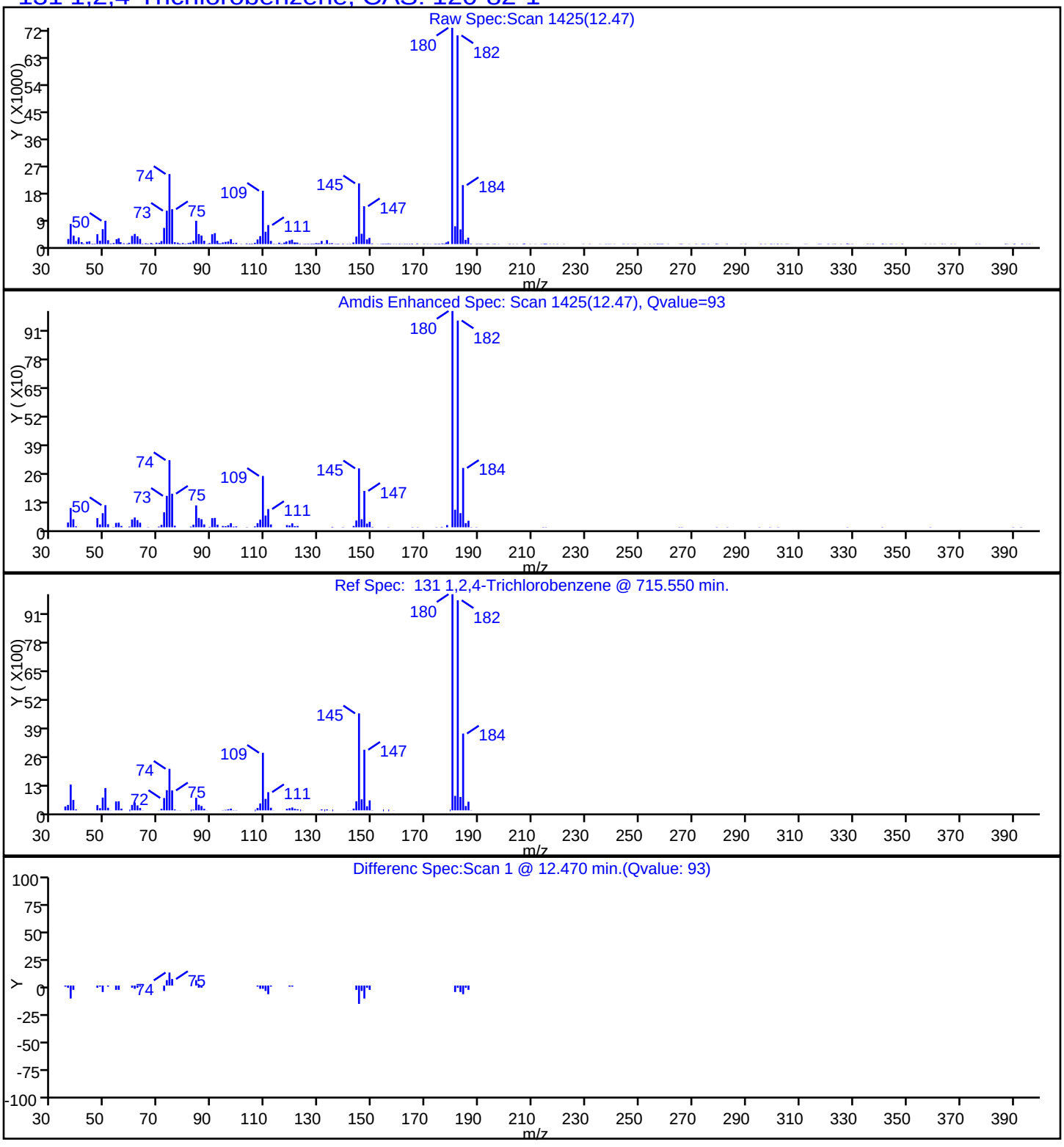
95 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

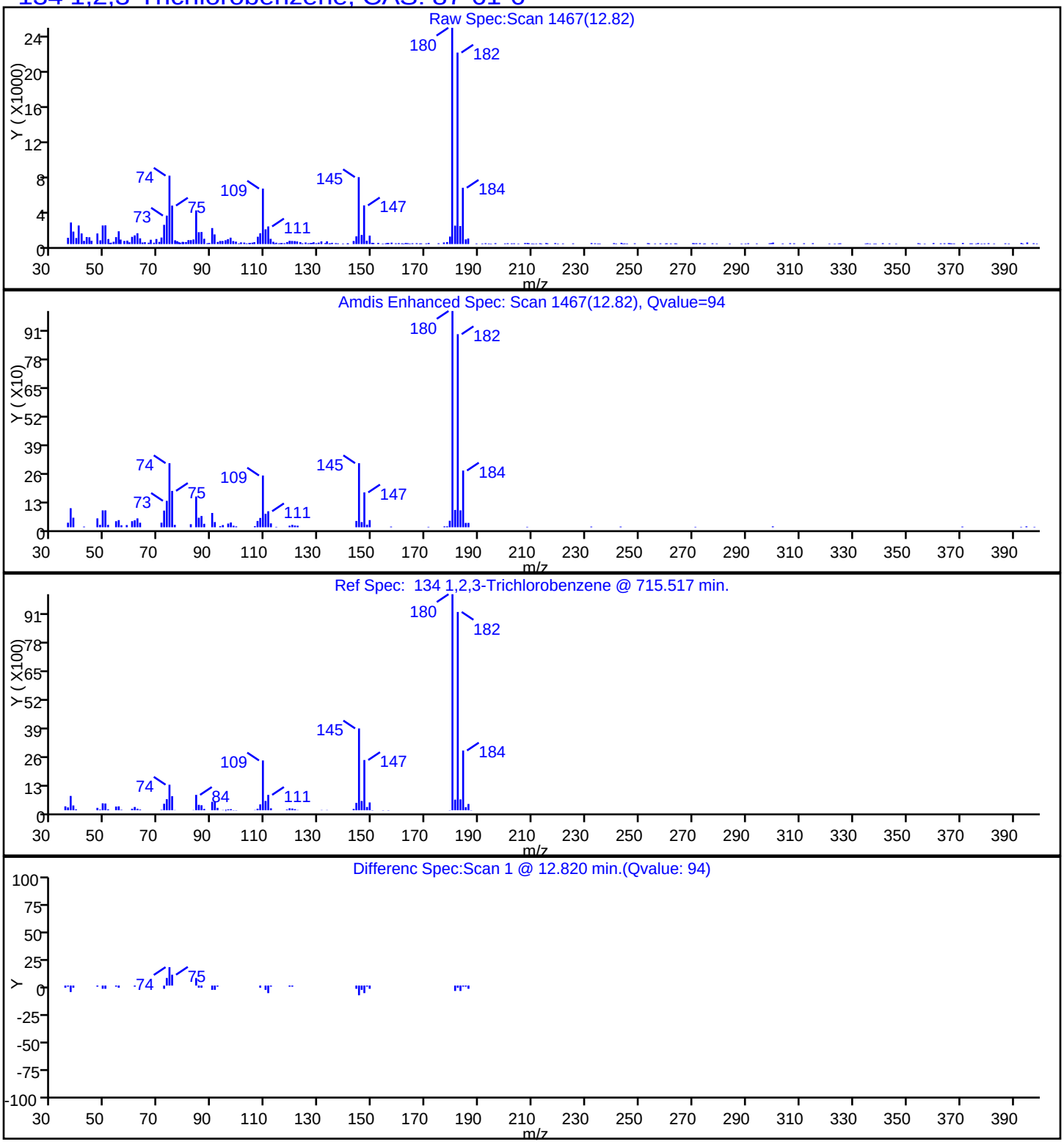
131 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

134 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
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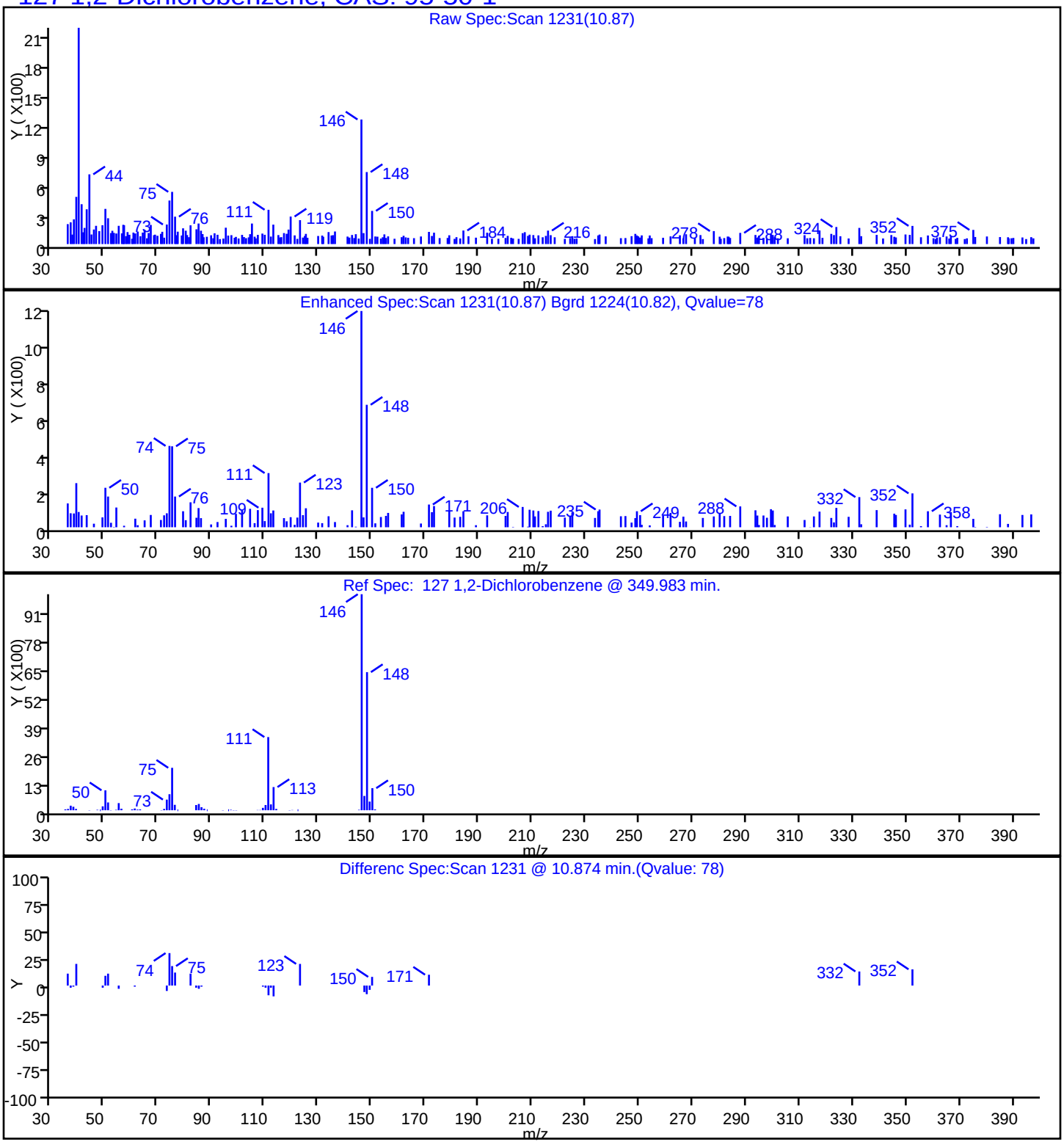
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

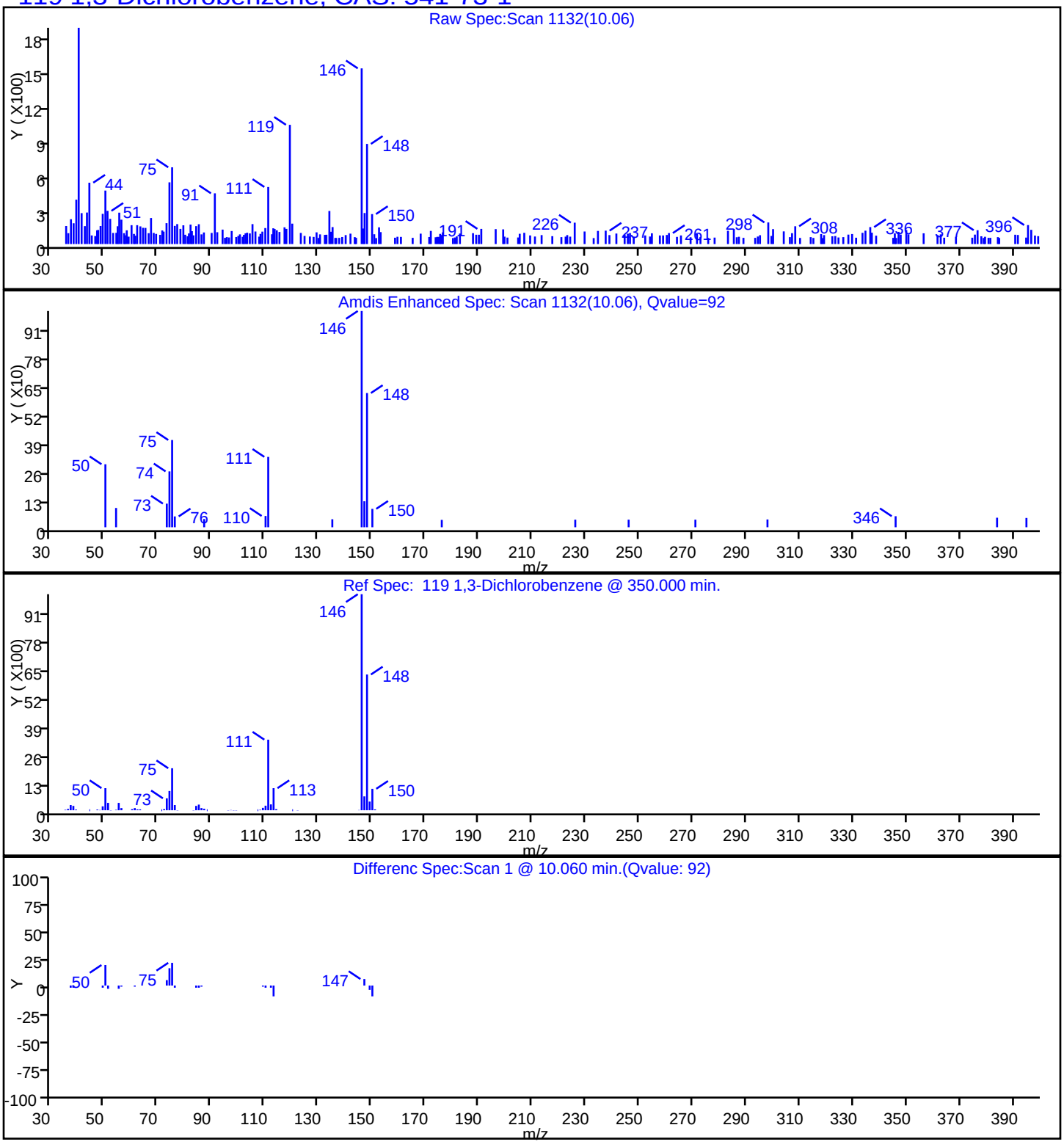
127 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

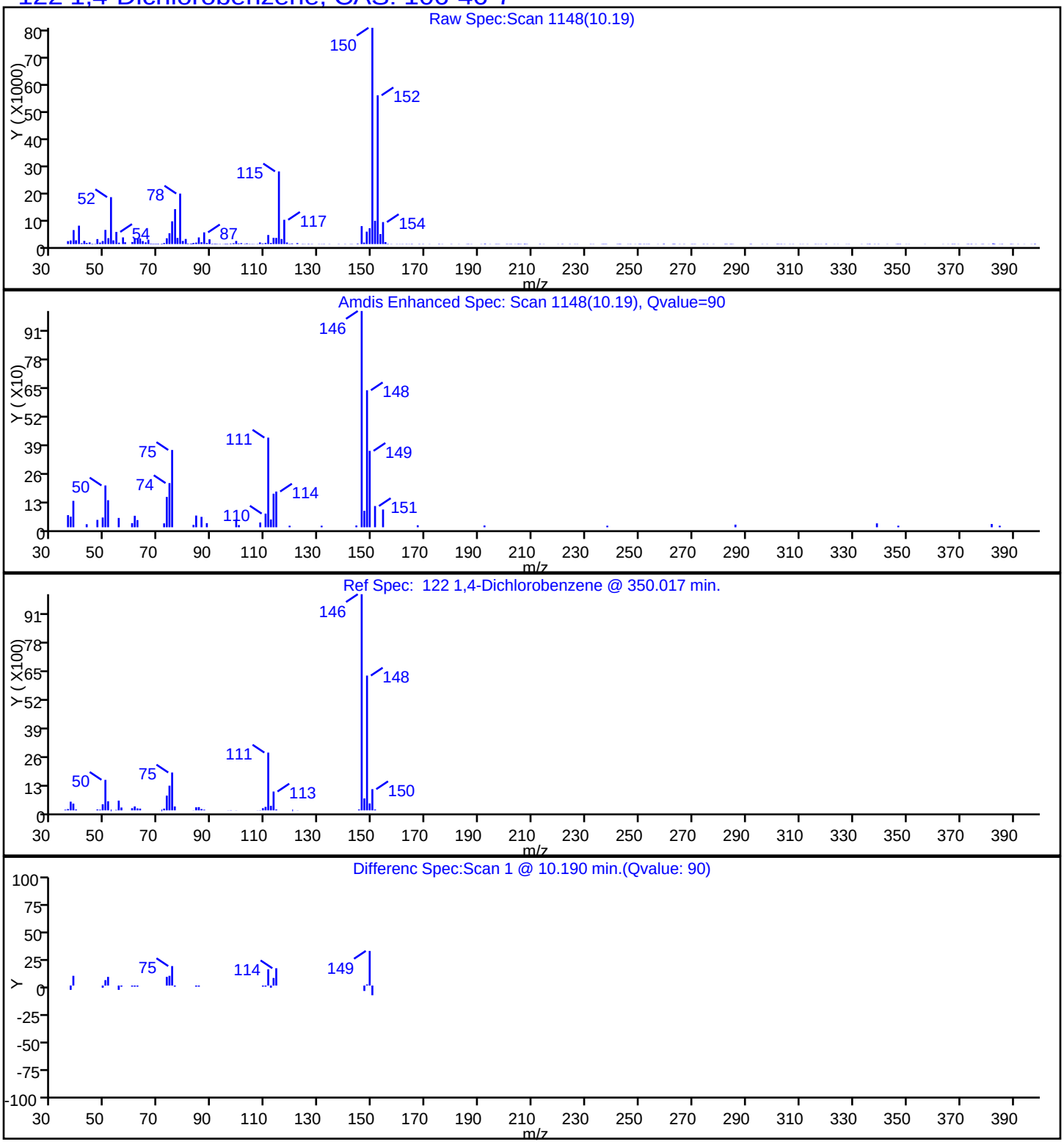
119 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

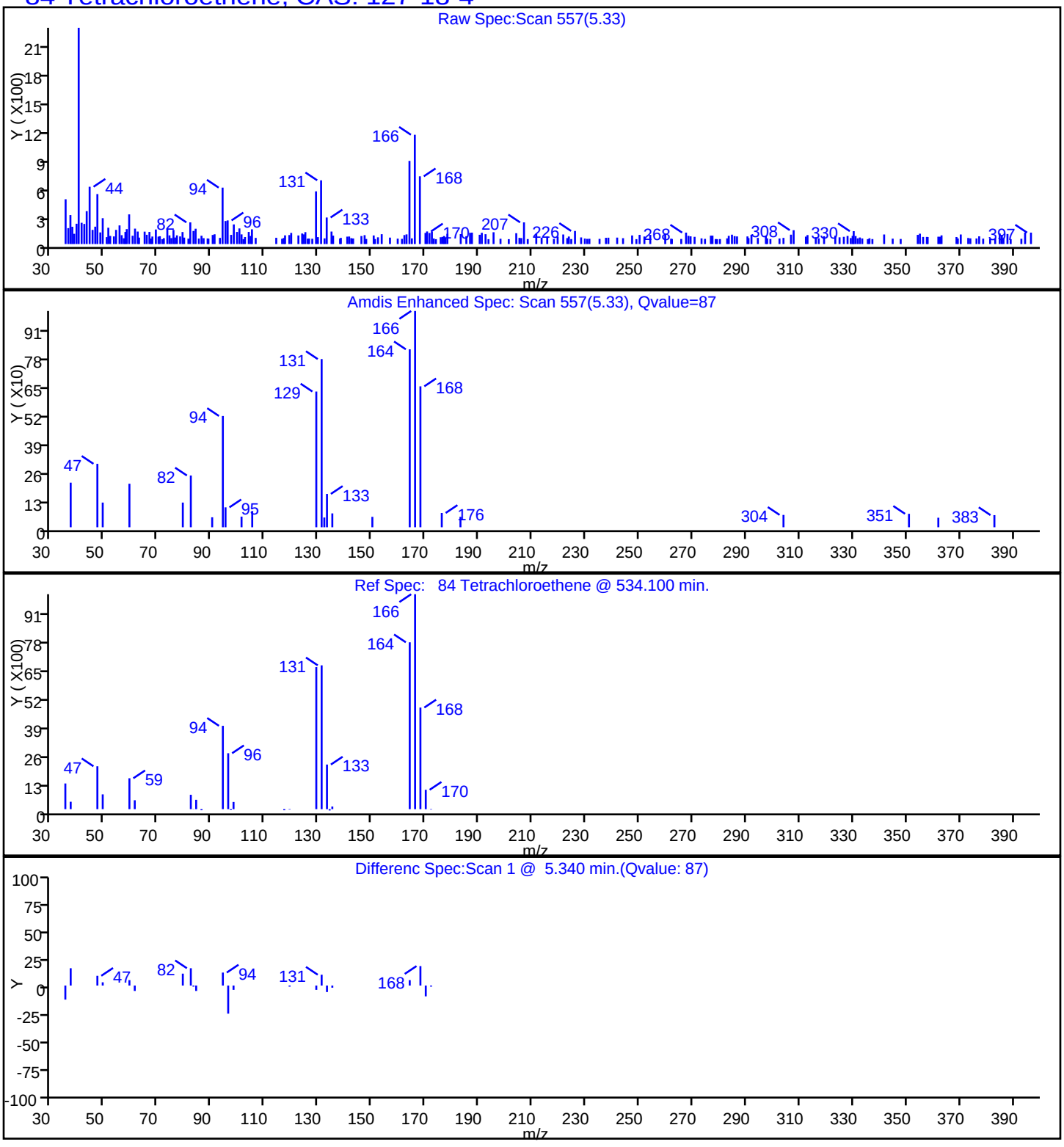
122 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

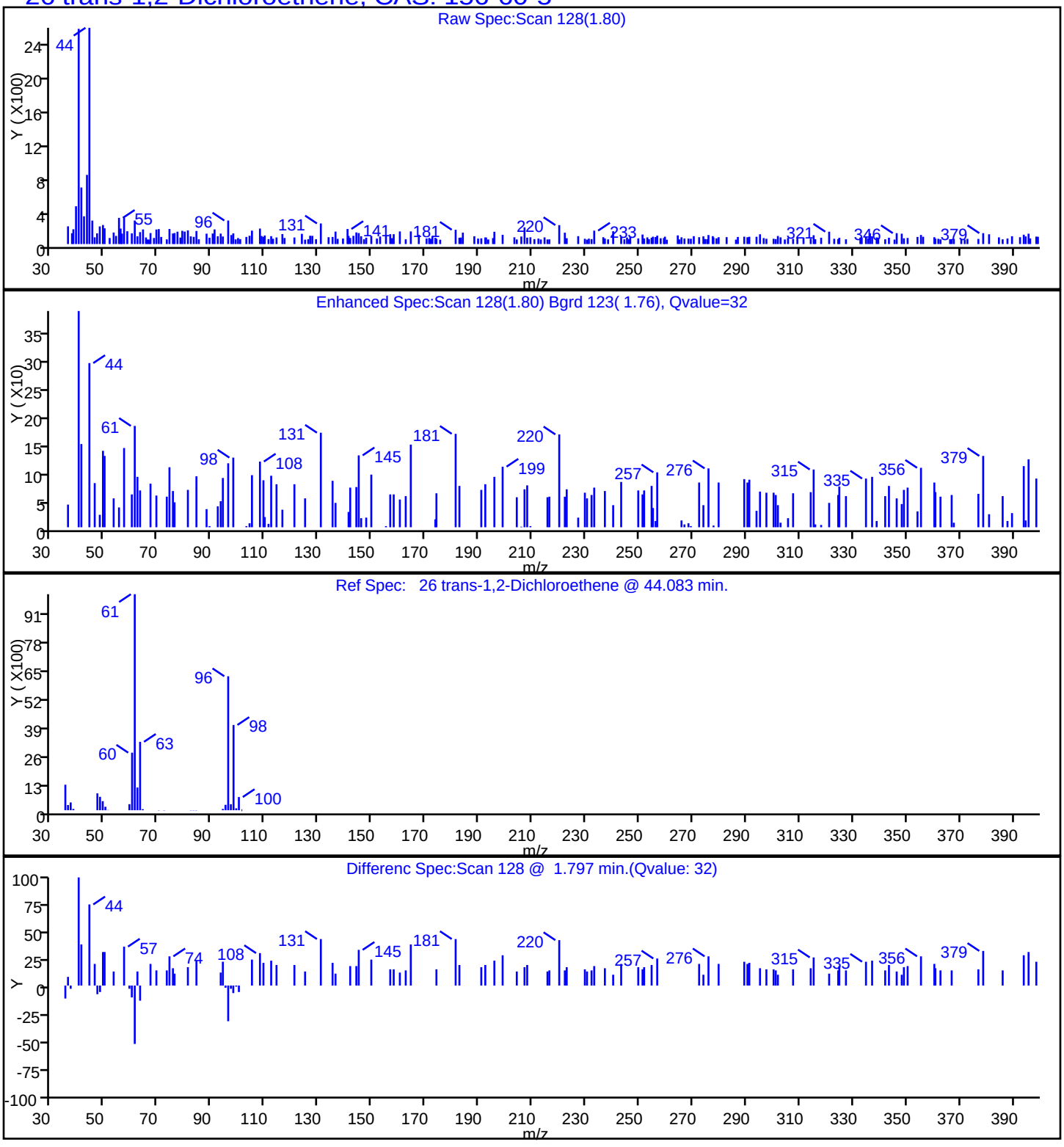
84 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D				
Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

26 trans-1,2-Dichloroethene, CAS: 156-60-5



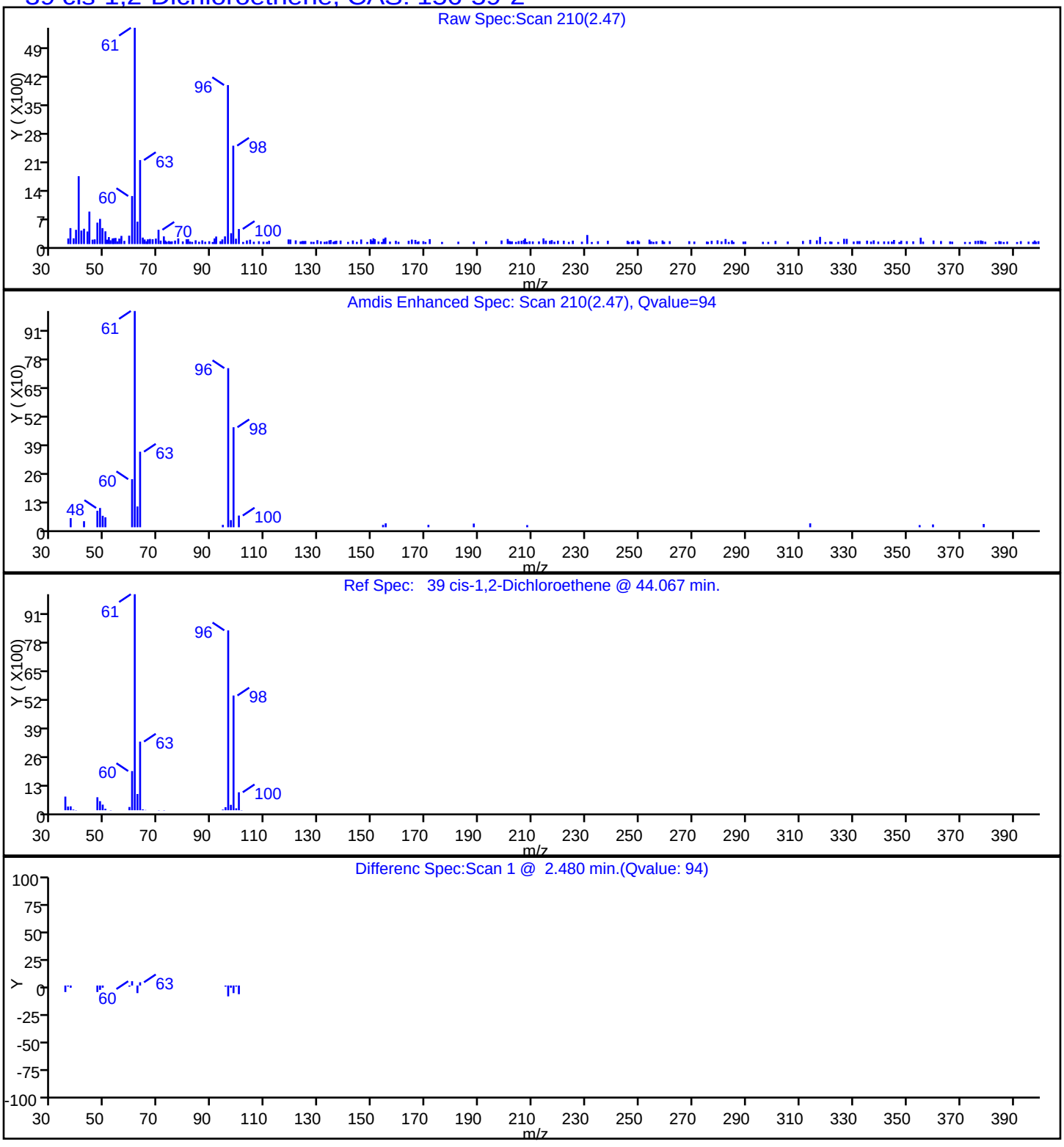
Report Date: 10-Oct-2016 13:57:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D

Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

39 cis-1,2-Dichloroethene, CAS: 156-59-2

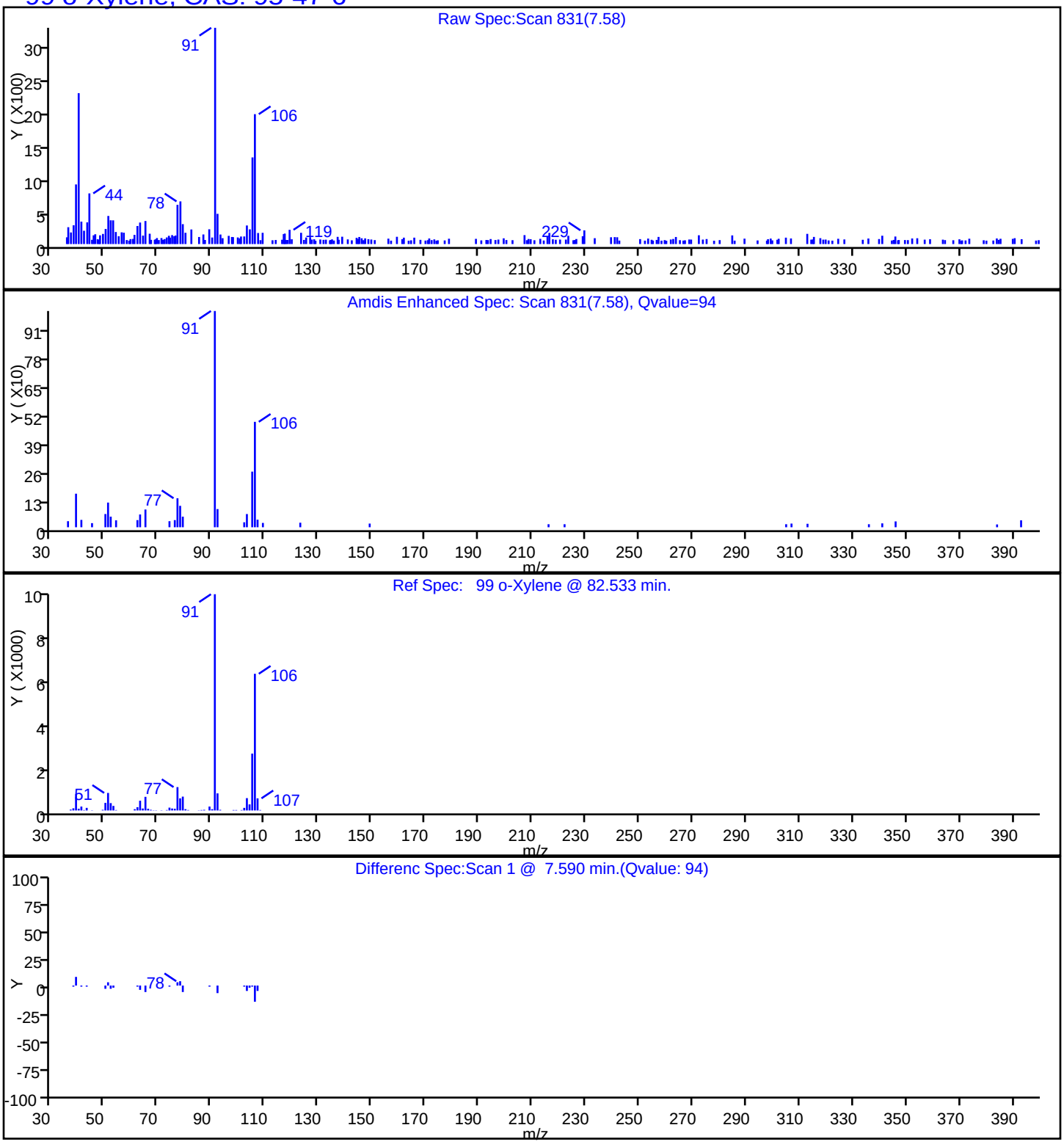


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D

Injection Date:	05-Oct-2016 21:28:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-5	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	34
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

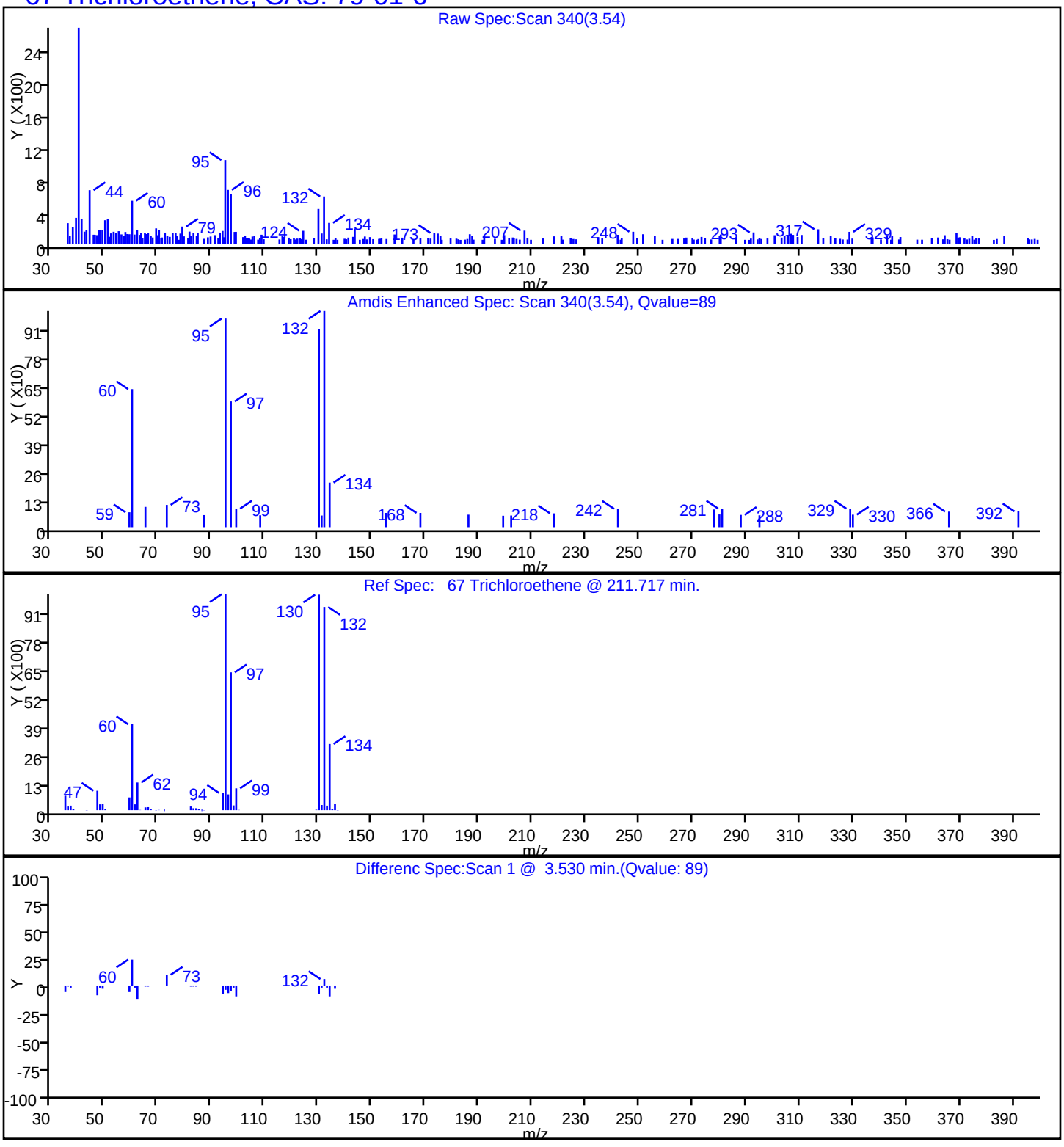
99 o-Xylene, CAS: 95-47-6



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60692.D
Injection Date: 05-Oct-2016 21:28:30 Instrument ID: CVOAMS5
Lims ID: 460-121208-B-5 Lab Sample ID: 460-121208-5
Client ID: MW-18
Operator ID: ALS Bottle#: 26 Worklist Smp#: 34
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

67 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: E60691.D

Analysis Method: 624 | Date Collected: 09/30/2016 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	64		5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.27	J	1.0	0.25
71-43-2	Benzene	0.11	J	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	17		5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: E60691.D

Analysis Method: 624 | Date Collected: 09/30/2016 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 21:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	90		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered Lab Sample ID: 460-121208-6

Matrix: Water Lab File ID: E60691.D

Analysis Method: 624 Date Collected: 09/30/2016 11:00

Sample wt/vol: 5(mL) Date Analyzed: 10/05/2016 21:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 395000 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60691.D
Lims ID: 460-121208-B-6
Client ID: MW-18 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 21:02:30 ALS Bottle#: 25 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-6
Misc. Info.: 460-0046448-033
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 13:56:12 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:50:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Acetone	58	1.731	1.739	-0.008	85	31896	63.9	
* 30 TBA-d9 (IS)	65	1.871	1.887	-0.017	98	459297	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	94	167277	49.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	447723	250.0	
51 2-Butanone (MEK)	72	2.866	2.875	-0.009	100	11562	17.4	
55 Benzene	78	3.056	3.056	0.000	76	1728	0.1108	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	96	215648	50.7	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	649411	50.0	
* 74 1,4-Dioxane-d8	96	4.232	4.233	0.000	93	43743	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	662343	51.1	
81 Toluene	91	4.916	4.907	0.009	26	4560	0.2699	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	581042	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	88	204896	44.9	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	336075	50.0	

Reagents:

8260ISNEW_00089	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added: 1.00	Units: uL	Run Reagent

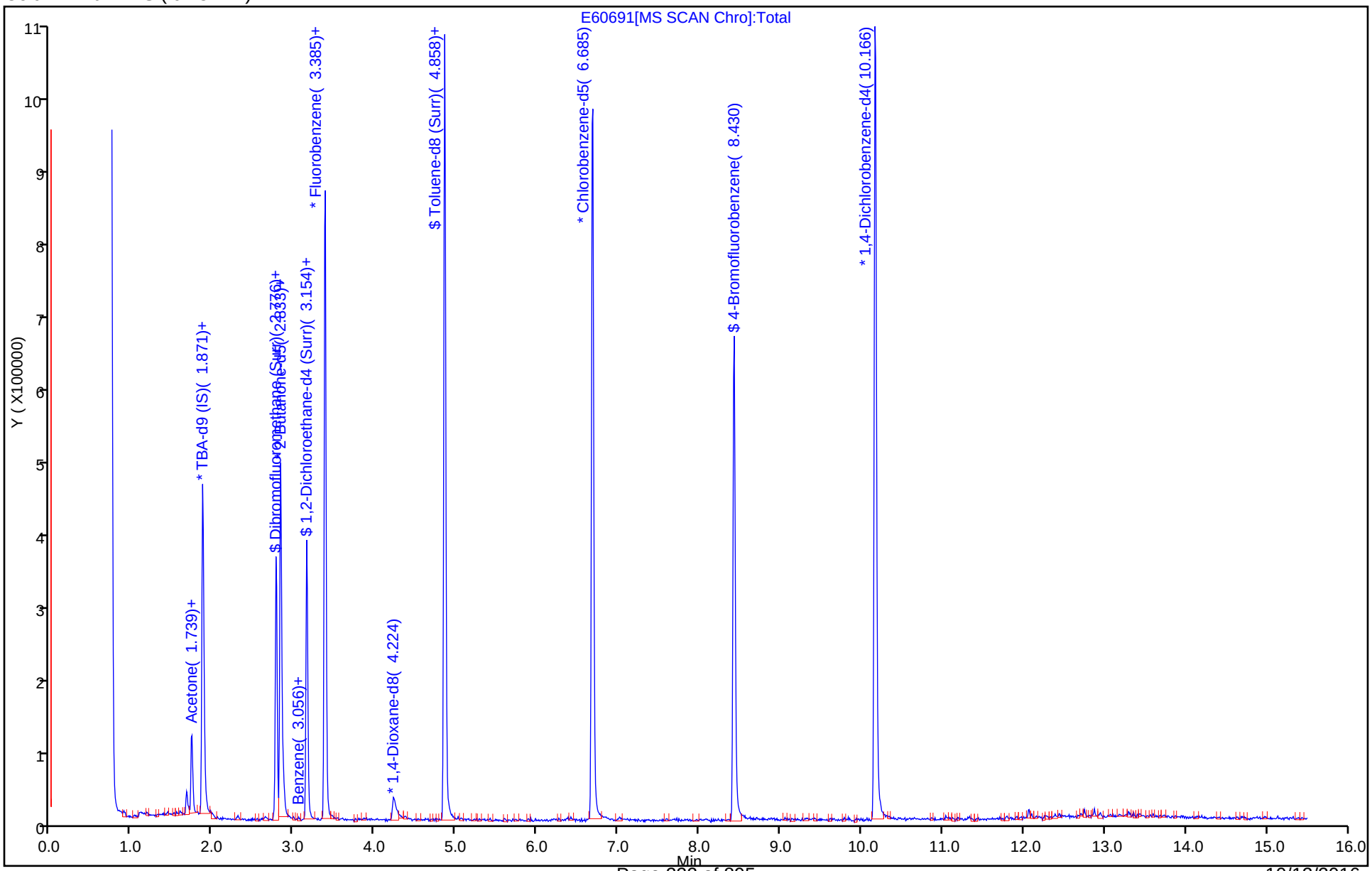
Report Date: 10-Oct-2016 13:56:13 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60691.D

Injection Date:	05-Oct-2016 21:02:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-6	Lab Sample ID:	460-121208-6	Worklist Smp#:	33
Client ID:	MW-18 Filtered				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

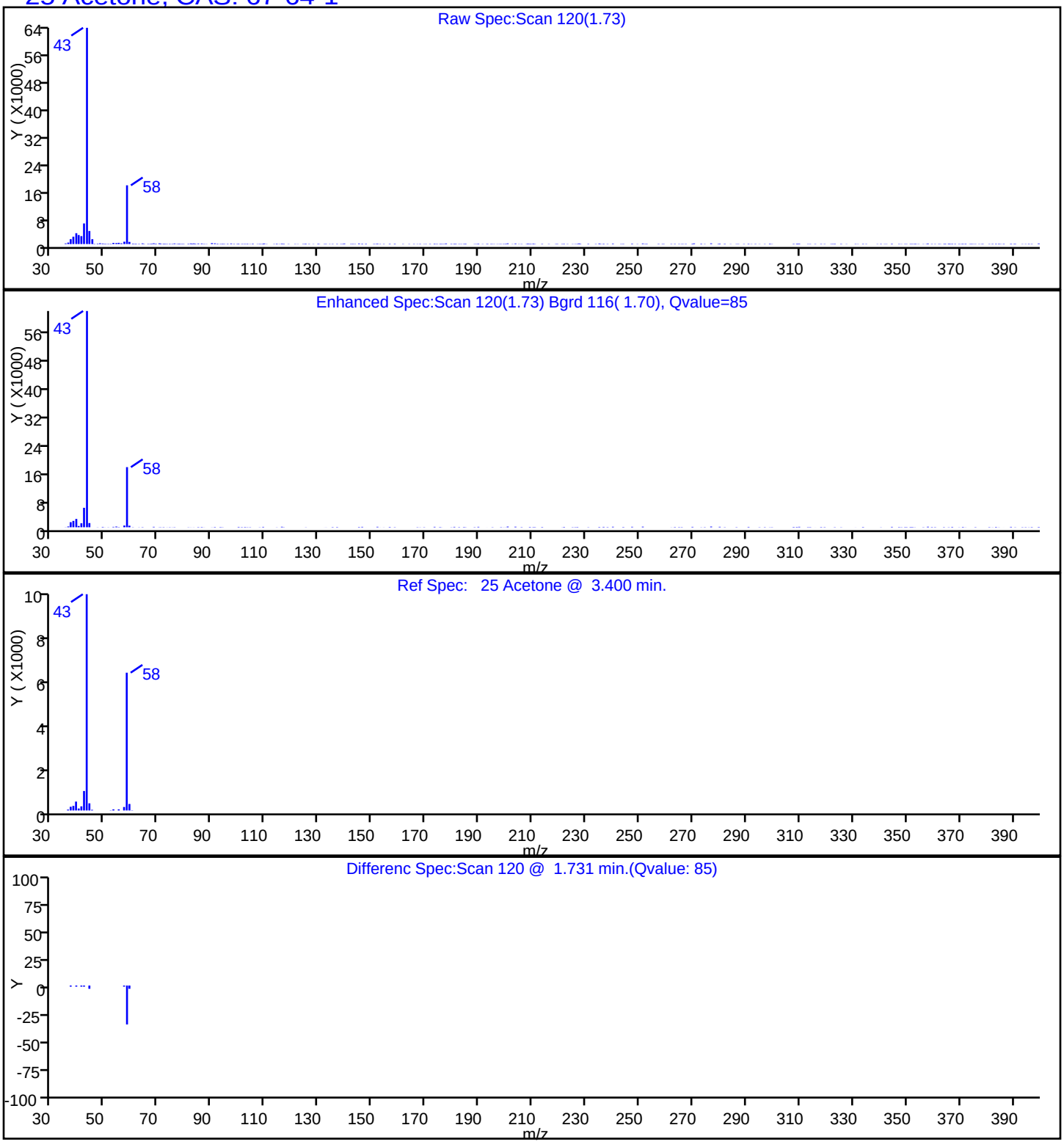
Column: Rtx-VMS (0.18 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60691.D				
Injection Date:	05-Oct-2016 21:02:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-6	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

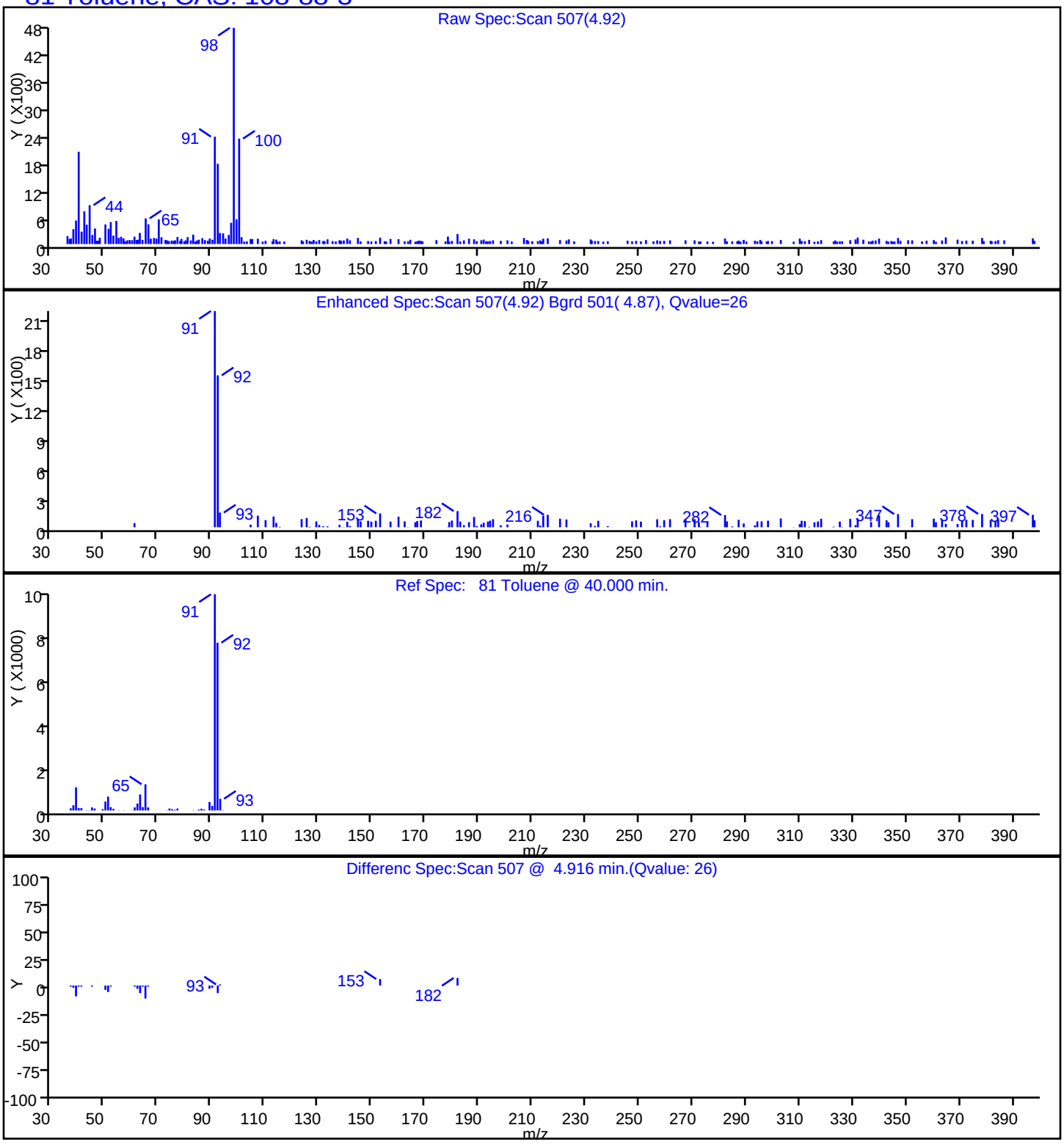
25 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60691.D				
Injection Date:	05-Oct-2016 21:02:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-6	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

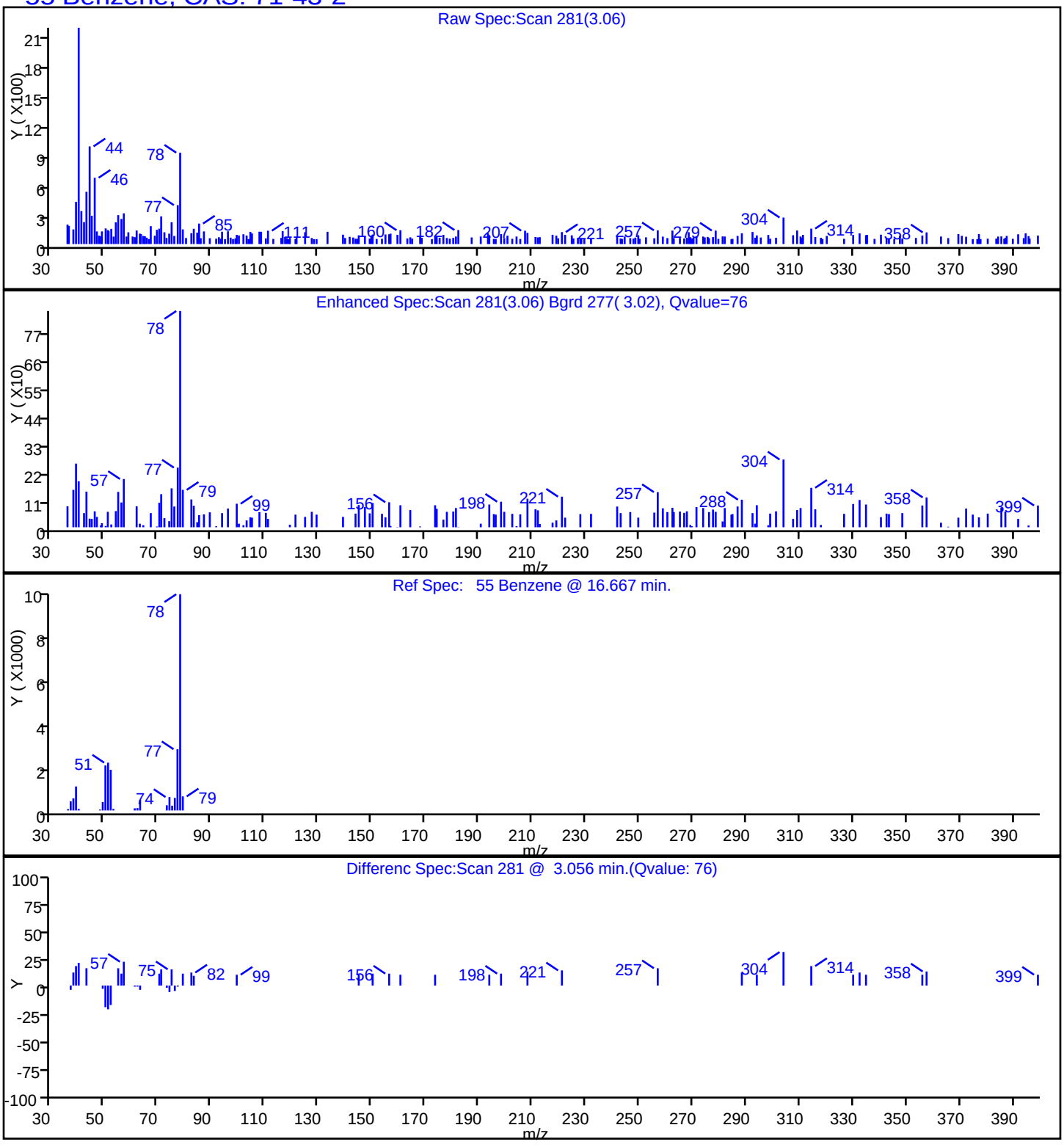
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60691.D				
Injection Date:	05-Oct-2016 21:02:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-6	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

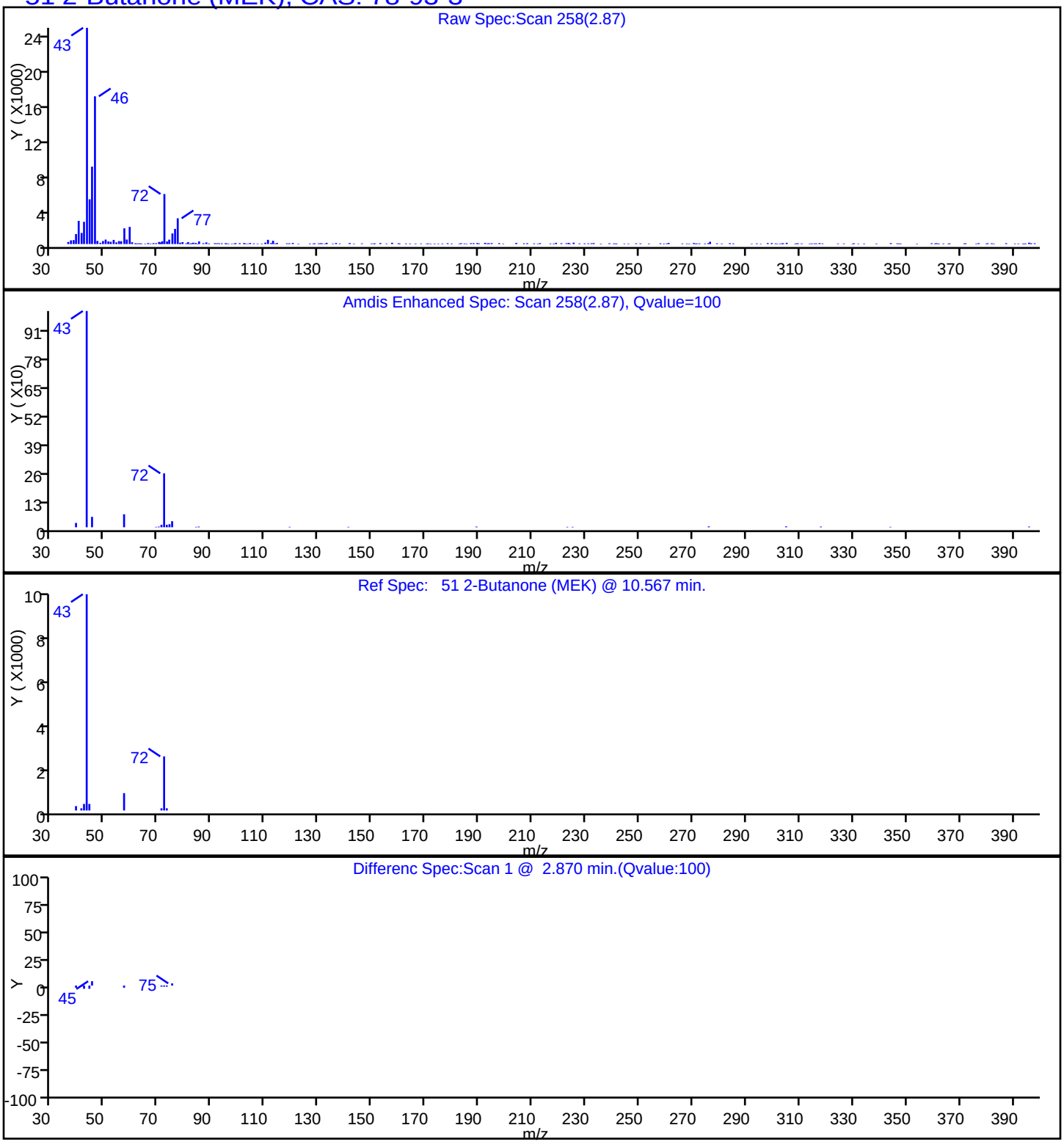
55 Benzene, CAS: 71-43-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60691.D				
Injection Date:	05-Oct-2016 21:02:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-6	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	33
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

51 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: E60690.D

Analysis Method: 624 | Date Collected: 09/30/2016 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: E60690.D

Analysis Method: 624 | Date Collected: 09/30/2016 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		48-130
2037-26-5	Toluene-d8 (Surr)	101		80-120
460-00-4	Bromofluorobenzene	86		71-131
1868-53-7	Dibromofluoromethane (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: E60690.D

Analysis Method: 624 | Date Collected: 09/30/2016 11:45

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60690.D
Lims ID: 460-121208-B-7
Client ID: FB_20160930
Sample Type: Client
Inject. Date: 05-Oct-2016 20:36:30 ALS Bottle#: 24 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-7
Misc. Info.: 460-0046448-032
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 06-Oct-2016 08:52:19 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:50:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.871	1.887	-0.016	98	450116	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	168953	49.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	453118	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	217230	50.6	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	655771	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.233	-0.008	97	43324	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	651583	50.3	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	580024	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	89	197078	43.2	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	338292	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

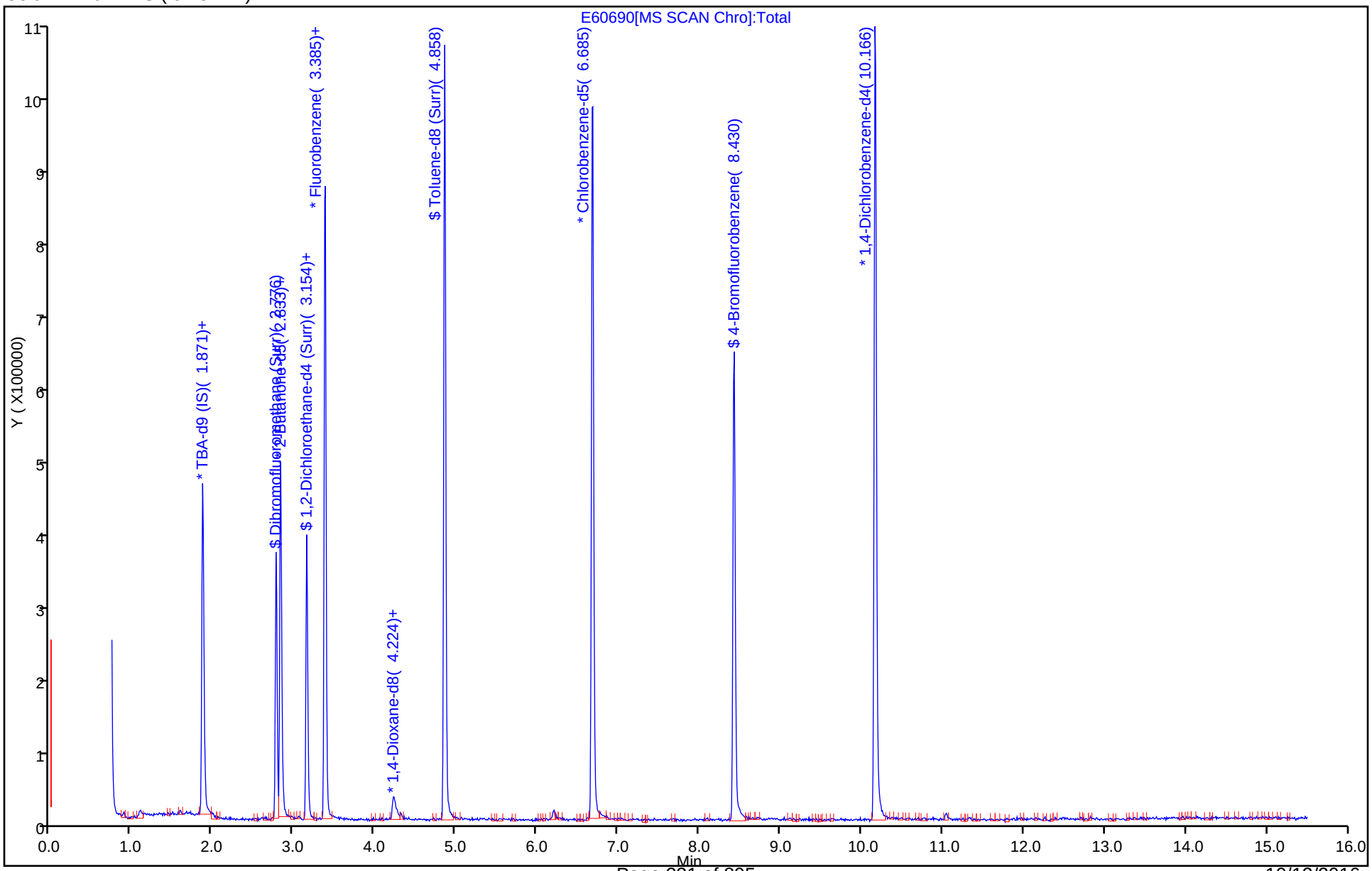
Report Date: 06-Oct-2016 09:01:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60690.D

Injection Date:	05-Oct-2016 20:36:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-7	Lab Sample ID:	460-121208-7	Worklist Smp#:	32
Client ID:	FB_20160930				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121208-8

Matrix: Water | Lab File ID: E60689.D

Analysis Method: 624 | Date Collected: 09/30/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 20:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	6.4		5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U *	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121208-8

Matrix: Water | Lab File ID: E60689.D

Analysis Method: 624 | Date Collected: 09/30/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 20:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		48-130
2037-26-5	Toluene-d8 (Surr)	100		80-120
460-00-4	Bromofluorobenzene	89		71-131
1868-53-7	Dibromofluoromethane (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-121208-8

Matrix: Water | Lab File ID: E60689.D

Analysis Method: 624 | Date Collected: 09/30/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 20:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60689.D
Lims ID: 460-121208-B-8
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 05-Oct-2016 20:10:30 ALS Bottle#: 23 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-121208-B-8
Misc. Info.: 460-0046448-031
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 10-Oct-2016 13:54:58 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 10-Oct-2016 13:55:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
25 Acetone	58	1.739	1.739	0.000	84	3274	6.40	
* 30 TBA-d9 (IS)	65	1.870	1.887	-0.017	97	465742	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	165763	48.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	458880	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	96	215265	50.0	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	657160	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.233	-0.008	95	47198	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	648896	50.1	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	580386	50.0	
$ 105 4-Bromofluorobenzene	174	8.429	8.430	-0.001	88	203370	44.6	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	97	348187	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

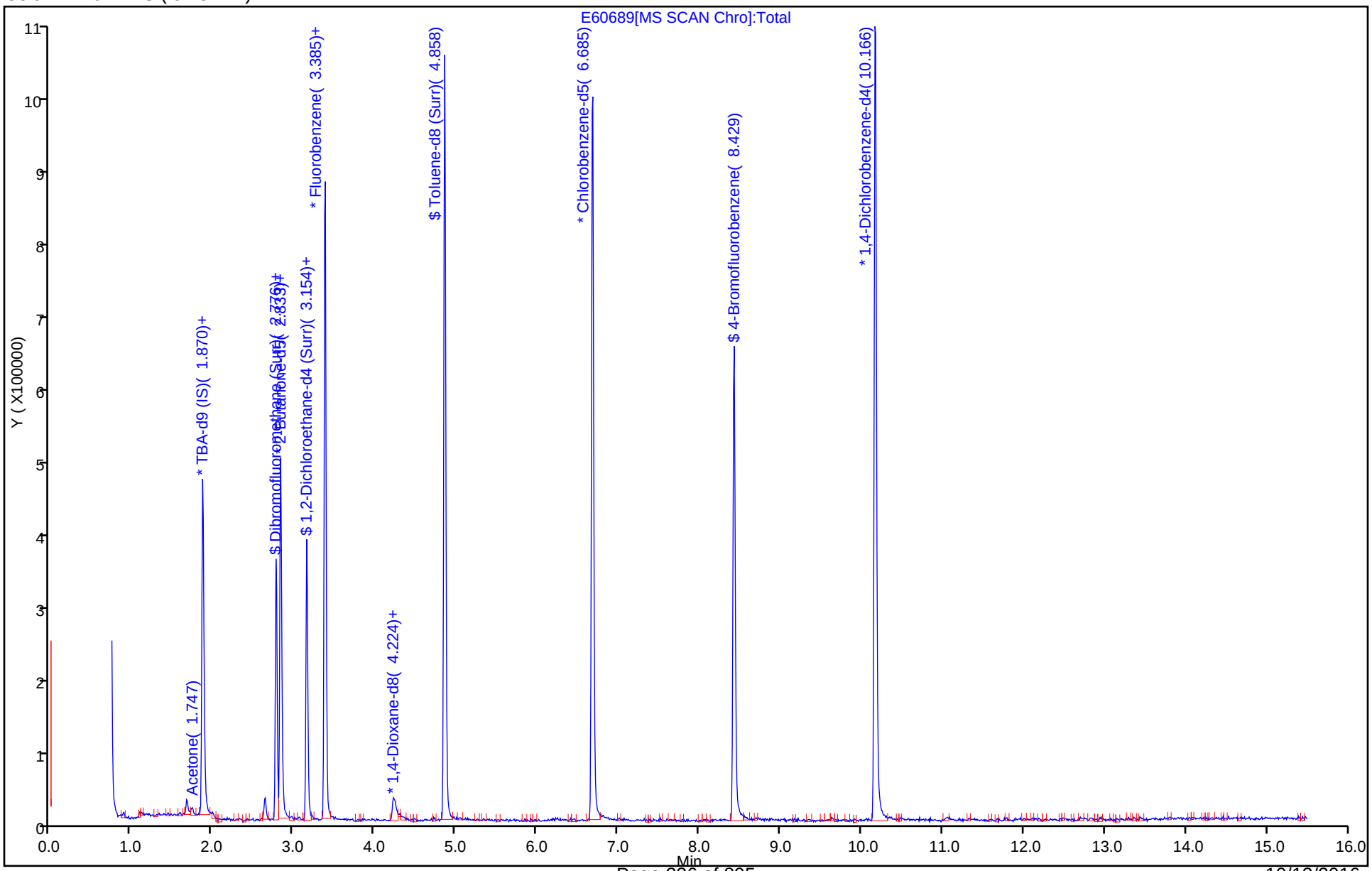
Report Date: 10-Oct-2016 13:55:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60689.D

Injection Date:	05-Oct-2016 20:10:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	460-121208-B-8	Lab Sample ID:	460-121208-8	Worklist Smp#:	31
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

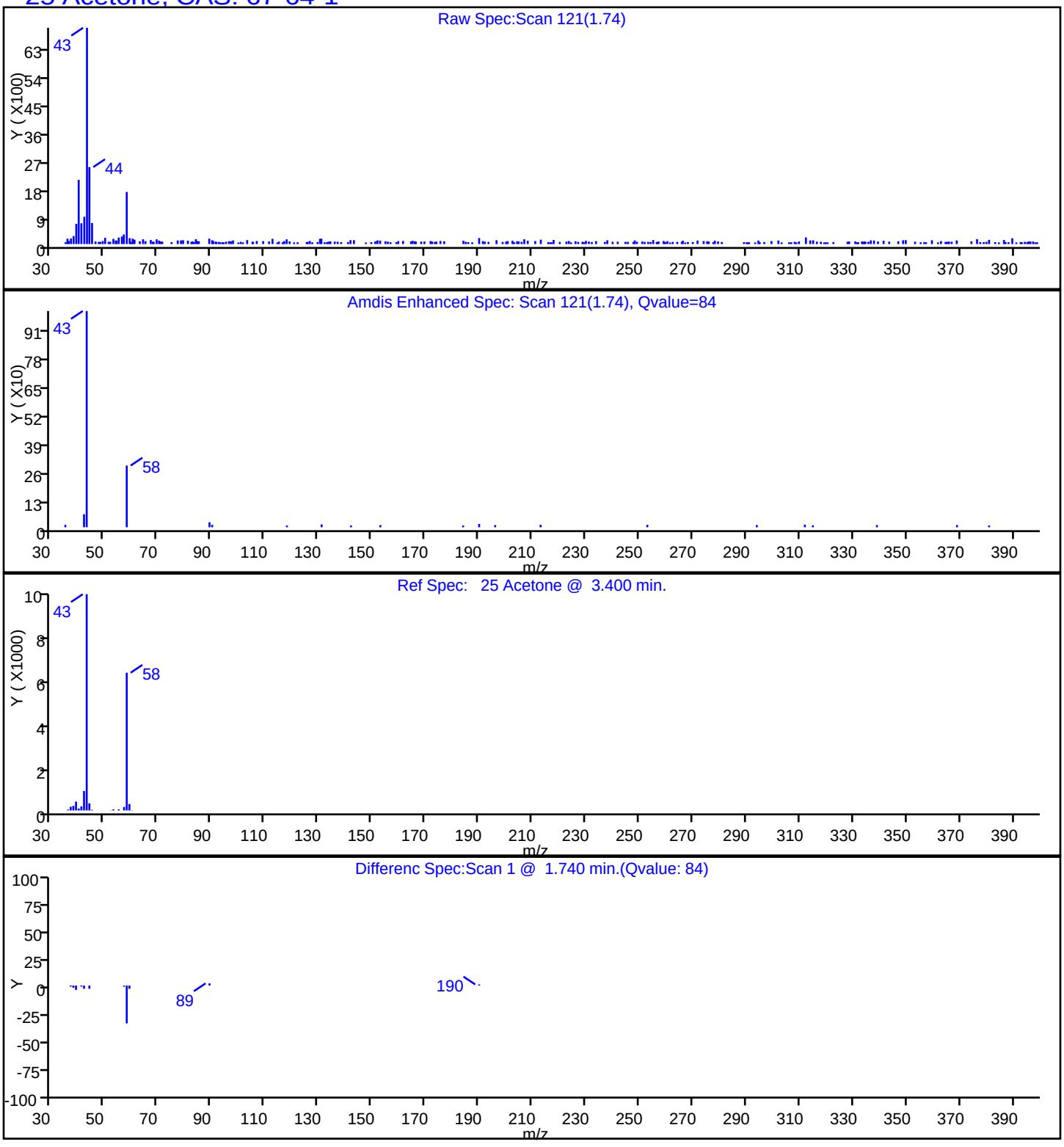
Column: Rtx-VMS (0.18 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60689.D				
Injection Date:	05-Oct-2016 20:10:30	Instrument ID:	CVOAMS5		
Lims ID:	460-121208-B-8	Lab Sample ID:	460-121208-8		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_5	Limit Group:	VOA 624 ICAL		
Column:	Rtx-VMS (0.18 mm)	Detector	MS SCAN		

25 Acetone, CAS: 67-64-1



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-394260/2	E60480.D
Level 2	STD1 460-394260/14	E60492.D
Level 3	STD5 460-394260/4	E60482.D
Level 4	STD20 460-394260/5	E60483.D
Level 5	STD50 460-394260/6	E60484.D
Level 6	STD200 460-394260/7	E60485.D
Level 7	STD500 460-394260/8	E60486.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	+++++ 0.2926	0.2989 0.3037	0.2810	0.2437	0.2945	Ave		0.2857				7.7		35.0			
Vinyl chloride	+++++ 0.3278	0.3844 0.3416	0.2842	0.2996	0.3240	Ave		0.3269				10.7		35.0			
Chloromethane	+++++ 0.4737	0.4811 0.4823	0.4062	0.4218	0.4664	Ave		0.4553				7.2		35.0			
Bromomethane	+++++ 0.2335	0.2007 0.2773	0.1827	0.1778	0.2110	Ave		0.2138				17.3		35.0			
Ethyl Chloride	+++++ 7.2342	7.5704 8.7174	8.1753	7.6300	8.4742	Ave		7.9669				7.3		35.0			
n-Pentane	+++++ 0.0440	0.0857 0.0562	0.0382	0.0313	0.0518	LinF		0.0545							0.9910		0.9900
Trichlorofluoromethane	+++++ 0.4350	0.7281 0.4619	0.4481	0.4261	0.5150	Ave		0.5024				22.9		35.0			
Isoprene	+++++ 0.5254	0.4477 0.5076	0.4462	0.4111	0.4784	Ave		0.4694				9.1		35.0			
Ethyl ether	+++++ 0.3070	0.3048 0.3114	0.2794	0.2954	0.3132	Ave		0.3018				4.2		35.0			
1,1-Dichloroethene	+++++ 0.2722	0.3209 0.2874	0.2624	0.2506	0.2673	Ave		0.2768				8.9		35.0			
Carbon disulfide	+++++ 0.9538	1.1720 1.0117	0.8927	0.9031	0.9553	Ave		0.9814				10.5		35.0			
Ethanol	+++++ 0.0563	0.1081 0.0634	0.0601	0.0556	0.0591	Ave		0.0671				30.2		35.0			
Freon TF	+++++ 0.2190	0.2469 0.2969	0.1775	0.1673	0.2088	Ave		0.2194				21.7		35.0			
Iodomethane	+++++ 0.3059	0.4205 0.3499	0.2460	0.1785	0.2448	Ave		0.2909				29.7		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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 4	LVL 5		B	M1	M2								
Acrolein	+++++ 1.3960	1.2313 1.7310	1.4030	1.3372	1.4702	Ave		1.4281				11.8		35.0			
Allyl chloride	+++++ 0.1537	0.1781 0.1549	0.1646	0.1543	0.1625	Ave		0.1614				5.8		35.0			
Isopropanol	+++++ 0.6468	0.7654 0.7268	0.6657	0.6179	0.6620	Ave		0.6808				8.0		35.0			
Methylene Chloride	+++++ 0.2946	0.3313 0.3061	0.2701	0.2820	0.3055	Ave		0.2983				7.2		35.0			
Acetone	+++++ 0.2522	0.3677 0.2440	0.2825	0.2470	0.2791	Ave		0.2787				16.7		35.0			
trans-1,2-Dichloroethene	+++++ 0.2866	0.3741 0.3162	0.2800	0.2685	0.2870	Ave		0.3021				12.8		35.0			
Methyl acetate	+++++ 1.6643	1.6850 2.0659	1.5084	1.5310	1.6929	Ave		1.6913				11.8		35.0			
Hexane	+++++ 0.4591	0.5845 0.5788	0.4683	0.4279	0.5174	Ave		0.5060				12.9		35.0			
MTBE	+++++ 0.9487	1.0117 0.9798	0.9227	0.9101	0.9885	Ave		0.9603				4.1		35.0			
TBA	+++++ 1.0422	1.5881 1.0018	1.1006	1.0161	1.1357	Ave		1.1474				19.3		35.0			
Acetonitrile	+++++ 1.0530	1.5300 1.1908	0.9471	1.0571	1.1582	Ave		1.1560				17.5		35.0			
DIPE	+++++ 1.0387	0.9624 0.9846	0.9042	0.9447	1.0383	Ave		0.9788				5.4		35.0			
1,1-Dichloroethane	+++++ 0.5814	0.5584 0.5627	0.5149	0.5416	0.5959	Ave		0.5592				5.1		35.0			
Acrylonitrile	0.1237 0.1383	0.1286 0.1360	0.1237	0.1258	0.1434	Ave		0.1314				6.0		35.0			
Vinyl acetate	+++++ 0.0591	0.0327 0.0690	0.0627	0.0540	0.0635	Ave		0.0568				22.6		35.0			
cis-1,2-Dichloroethene	+++++ 0.3313	0.2973 0.3359	0.2919	0.2980	0.3413	Ave		0.3159				7.1		35.0			
2,2-Dichloropropane	+++++ 0.4478	0.4569 0.3960	0.4358	0.4325	0.4658	Ave		0.4391				5.6		35.0			
Cyclohexane	+++++ 0.3826	0.4044 0.4690	0.3545	0.3204	0.4102	Ave		0.3902				13.1		35.0			
Bromochloromethane	+++++ 0.1692	0.1543 0.1720	0.1597	0.1563	0.1757	Ave		0.1645				5.4		35.0			
Chloroform	+++++ 0.5349	0.5716 0.5303	0.5086	0.4957	0.5551	Ave		0.5327				5.3		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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 4	LVL 5		B	M1	M2								
Carbon tetrachloride	+++++ 0.3827	0.4020 0.4190	0.3417	0.3431	0.3864	Ave		0.3791				8.2		35.0			
Ethyl acetate	+++++ 0.2938	0.2572 0.3080	0.2680	0.2699	0.3082	Ave		0.2842				7.8		35.0			
Tetrahydrofuran	+++++ 1.1341	1.0476 1.1478	1.1156	1.0822	1.2601	Ave		1.1312				6.4		35.0			
1,1,1-Trichloroethane	+++++ 0.4485	0.4829 0.4574	0.4278	0.4158	0.4665	Ave		0.4498				5.5		35.0			
2-Butanone	+++++ 0.3625	0.3983 0.3642	0.3485	0.3490	0.4019	Ave		0.3707				6.4		35.0			
1,1-Dichloropropene	+++++ 0.4047	0.6469 0.4183	0.5114	0.4126	0.4344	Ave		0.4714				20.0		35.0			
Benzene	+++++ 1.3296	1.3910 1.2743	1.2471	1.3751	1.4321	Ave		1.3415				5.3		35.0			
n-Heptane	+++++ 0.1439	0.1910 0.1730	0.1401	0.1232	0.1663	Ave		0.1563				15.9		35.0			
1,2-Dichloroethane	+++++ 0.4642	0.5571 0.4551	0.4325	0.4417	0.5005	Ave		0.4752				9.8		35.0			
Isopropyl acetate	+++++ 0.7081	0.6801 0.6924	0.6311	0.6918	0.7693	Ave		0.6955				6.4		35.0			
Methylcyclohexane	+++++ 0.3678	0.4232 0.4712	0.3253	0.3135	0.4157	Ave		0.3861				15.9		35.0			
Trichloroethene	+++++ 0.3160	0.3491 0.3259	0.2874	0.2886	0.3287	Ave		0.3159				7.7		35.0			
Dibromomethane	+++++ 0.2100	0.2409 0.2118	0.1868	0.1919	0.2261	Ave		0.2112				9.6		35.0			
n-Butanol	+++++ 0.3108	0.3285 0.3763	0.2588	0.2918	0.3398	Ave		0.3177				12.8		35.0			
1,2-Dichloropropane	+++++ 0.2995	0.3743 0.3210	0.3006	0.3040	0.3424	Ave		0.3236				9.2		35.0			
Ethyl acrylate	+++++ 0.4456	0.4207 0.4673	0.3821	0.4343	0.5051	Ave		0.4425				9.4		35.0			
Bromodichloromethane	+++++ 0.4205	0.4535 0.4390	0.4019	0.4002	0.4608	Ave		0.4293				6.0		35.0			
Methyl methacrylate	+++++ 0.1050	0.0931 0.1069	0.0893	0.0980	0.1116	Ave		0.1006				8.6		35.0			
p-Dioxane	+++++ 1.1295	1.2437 1.1904	1.2699	1.0755	1.2362	Ave		1.1909				6.3		35.0			
Propyl acetate	+++++ 0.5629	0.5601 0.5383	0.4961	0.5180	0.5738	Ave		0.5415				5.5		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	+++++ 0.1059	0.1246 0.1155	0.0815	0.0760	0.1070	Ave		0.1018				18.8		35.0			
cis-1,3-Dichloropropene	+++++ 0.5865	0.6143 0.5757	0.5270	0.5969	0.6355	Ave		0.5893				6.3		35.0			
Toluene	+++++ 1.4468	1.5224 1.4012	1.3316	1.4839	1.5362	Ave		1.4537				5.3		35.0			
Epichlorohydrin	0.1726 0.2632	0.2097 0.2314	0.1820	0.2345	0.2750	Ave		0.2241				17.2		35.0			
Tetrachloroethene	+++++ 0.3424	0.3575 0.3447	0.3306	0.3315	0.3523	Ave		0.3432				3.2		35.0			
4-Methyl-2-pentanone	+++++ 2.7146	2.7192 2.7721	2.5172	2.5957	2.9609	Ave		2.7133				5.6		35.0			
trans-1,3-Dichloropropene	+++++ 0.5818	0.5247 0.5627	0.4930	0.5662	0.6158	Ave		0.5574				7.8		35.0			
1,1,2-Trichloroethane	+++++ 0.2726	0.2641 0.2629	0.2551	0.2670	0.2874	Ave		0.2682				4.1		35.0			
Dibromochloromethane	+++++ 0.3945	0.3831 0.3922	0.3357	0.3717	0.3877	Ave		0.3775				5.8		35.0			
1,3-Dichloropropane	+++++ 0.5635	0.5359 0.5460	0.5176	0.5672	0.5995	Ave		0.5549				5.1		35.0			
1,2-Dibromoethane	+++++ 0.3437	0.2927 0.3434	0.3079	0.3353	0.3637	Ave		0.3311				7.9		35.0			
Butyl acetate	+++++ 0.6277	0.5463 0.6247	0.5144	0.6389	0.6897	Ave		0.6069				10.6		35.0			
2-Hexanone	+++++ 1.9278	1.9296 2.1264	1.9285	1.9511	2.2440	Ave		2.0179				6.7		35.0			
Chlorobenzene	+++++ 0.9383	0.9687 0.9684	0.8977	0.9120	1.0297	Ave		0.9525				5.0		35.0			
Ethylbenzene	+++++ 0.5021	0.5153 0.5388	0.4508	0.4849	0.5467	Ave		0.5064				7.0		35.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3528	0.3359 0.3741	0.3210	0.3386	0.3737	Ave		0.3494				6.2		35.0			
m-Xylene & p-Xylene	+++++ 0.6373	0.5707 0.6575	0.5495	0.5949	0.6666	Ave		0.6127				7.9		35.0			
o-Xylene	+++++ 0.6424	0.5650 0.6590	0.5511	0.6092	0.6577	Ave		0.6141				7.7		35.0			
Bromoform	+++++ 0.2931	0.2659 0.3078	0.2258	0.2477	0.2818	Ave		0.2704				11.2		35.0			
Styrene	+++++ 1.0971	0.8899 1.1273	0.9003	0.9990	1.0883	Ave		1.0170				10.2		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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 4	LVL 5		B	M1	M2								
n-Butyl acrylate	+++++ 0.3220	0.2035 0.3089	0.2243	0.2563	0.3053	Ave		0.2701				18.3		35.0			
Isopropylbenzene	+++++ 1.5965	1.5088 1.6336	1.3904	1.4389	1.5765	Ave		1.5241				6.2		35.0			
Amyl acetate	+++++ 1.2126	1.2807 1.1504	1.1408	0.9918	1.3144	Ave		1.1818				9.8		35.0			
Bromobenzene	+++++ 0.6744	0.6837 0.7082	0.6335	0.6475	0.7397	Ave		0.6812				5.7		35.0			
N-Propylbenzene	+++++ 2.8338	3.0318 2.9155	2.8255	2.6395	2.9635	Ave		2.8683				4.8		35.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7091	0.7266 0.7331	0.7017	0.6270	0.7339	Ave		0.7053				5.7		35.0			
2-Chlorotoluene	+++++ 1.9869	1.9590 2.0896	1.9121	1.7881	2.0708	Ave		1.9678				5.6		35.0			
1,2,3-Trichloropropane	+++++ 0.2179	0.3343 0.2196	0.2183	0.2035	0.2342	Ave		0.2380				20.3		35.0			
1,3,5-Trimethylbenzene	+++++ 2.0955	1.9886 2.1633	2.0399	1.9392	2.2322	Ave		2.0765				5.3		35.0			
4-Chlorotoluene	+++++ 1.8859	1.7975 1.9591	1.8378	1.6784	1.9939	Ave		1.8588				6.2		35.0			
tert-Butylbenzene	+++++ 1.7603	1.8166 1.8384	1.5632	1.6676	1.9235	Ave		1.7616				7.3		35.0			
1,2,4-Trimethylbenzene	+++++ 2.2562	2.1440 2.3482	2.0105	2.0445	2.4162	Ave		2.2033				7.5		35.0			
Butyl Methacrylate	+++++ 0.8960	0.7748 0.9011	0.6654	0.7630	0.9098	Ave		0.8184				12.2		35.0			
sec-Butylbenzene	+++++ 2.5626	2.5576 2.6295	2.3972	2.3838	2.7489	Ave		2.5466				5.5		35.0			
1,3-Dichlorobenzene	+++++ 1.2898	1.2398 1.3447	1.1369	1.2103	1.4058	Ave		1.2712				7.6		35.0			
p-Isopropyltoluene	+++++ 2.3637	2.3501 2.4289	2.1950	2.2382	2.5675	Ave		2.3572				5.7		35.0			
1,4-Dichlorobenzene	+++++ 1.3151	1.4560 1.3754	1.2900	1.2607	1.4696	Ave		1.3611				6.4		35.0			
Benzyl chloride	+++++ 0.3251	0.2581 0.3167	0.2913	0.2951	0.3435	Ave		0.3050				9.8		35.0			
n-Butylbenzene	+++++ 2.0376	2.3630 2.0623	1.9517	1.8887	2.3114	Ave		2.1025				9.2		35.0			
1,2-Dichlorobenzene	+++++ 1.2859	1.2893 1.3287	1.2270	1.2323	1.4538	Ave		1.3028				6.4		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

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 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	+++++ 0.1940	0.1734 0.1930	0.1731	0.1863	0.2185	Ave		0.1897				8.9		35.0			
1,2,4-Trichlorobenzene	+++++ 0.9484	1.0021 1.0248	0.9283	0.9458	1.0910	Ave		0.9901				6.2		35.0			
Hexachlorobutadiene	+++++ 0.2875	0.4153 0.3164	0.2983	0.2823	0.3286	Ave		0.3214				15.3		35.0			
Naphthalene	+++++ 2.4332	2.6788 1.9364	2.4334	2.5002	2.9229	Ave		2.4842				13.2		35.0			
1,2,3-Trichlorobenzene	+++++ 0.8690	1.0060 0.9125	0.8785	0.8606	1.0043	Ave		0.9218				7.3		35.0			
Dibromofluoromethane (Surr)	0.2682 0.2560	0.2521 0.2498	0.2597	0.2493	0.2851	Ave		0.2600				5.0		35.0			
1,2-Dichloroethane-d4 (Surr)	0.3224 0.3139	0.3266 0.3384	0.3239	0.3118	0.3561	Ave		0.3276				4.7		35.0			
Toluene-d8 (Surr)	1.1332 1.0582	1.0913 1.0396	1.1221	1.1443	1.2240	Ave		1.1161				5.5		35.0			
Bromofluorobenzene	0.3733 0.4057	0.3583 0.4160	0.3787	0.3884	0.4296	Ave		0.3928				6.4		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-394260/2	E60480.D
Level 2	STD1 460-394260/14	E60492.D
Level 3	STD5 460-394260/4	E60482.D
Level 4	STD20 460-394260/5	E60483.D
Level 5	STD50 460-394260/6	E60484.D
Level 6	STD200 460-394260/7	E60485.D
Level 7	STD500 460-394260/8	E60486.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	+++++ 780211	2875 2112871	20766	73118	165987	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 874008	3697 2376622	20999	89904	182651	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1263070	4627 3355988	30017	126589	262894	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 622637	1930 1929131	13500	53363	118962	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl Chloride	TBAd 9	Ave	+++++ 686201	2905 1858272	21910	83423	171556	+++++ 200	1.00 500	5.00	20.0	50.0
n-Pentane	FB	LinF	+++++ 234862	1648 782775	5649	18761	58451	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1159965	7002 3213801	33114	127860	290288	+++++ 200	1.00 500	5.00	20.0	50.0
Isoprene	FB	Ave	+++++ 1400889	4306 3531818	32972	123366	269668	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 818586	2931 2166588	20645	88640	176534	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 725910	3086 1999805	19393	75197	150684	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2543168	11271 7039180	65965	271017	538509	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	+++++ 213702	1659 540956	6448	24307	47835	+++++ 8000	40.0 20000	200	800	2000
Freon TF	FB	Ave	+++++ 583939	2374 2065791	13116	50206	117688	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Ave	+++++ 815793	4044 2434947	18178	53556	137983	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	+++++ 132418	1890 295191	15040	29240	59526	+++++ 200	4.00 400	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Allyl chloride	FB	Ave	+++++ 409747	1713 1077888	12165	46316	91618	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropanol	TBAd9	Ave	+++++ 613567	2937 1549218	17840	67558	134016	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 785586	3186 2129627	19958	84620	172231	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 481315	2677 1146415	14840	52506	111439	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 764344	3598 2200322	20691	80576	161772	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 789324	3233 2201864	20213	83698	171363	+++++ 1000	5.00 2500	25.0	100	250
Hexane	FB	Ave	+++++ 1224217	5621 4027248	34606	128413	291645	+++++ 200	1.00 500	5.00	20.0	50.0
MTBE	FB	Ave	+++++ 2529800	9730 6817637	68177	273121	557249	+++++ 200	1.00 500	5.00	20.0	50.0
TBA	TBAd9	Ave	+++++ 988608	6094 2135516	29495	111095	229915	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 998789	5871 2538391	25382	115577	234473	+++++ 2000	10.0 5000	50.0	200	500
DIPE	FB	Ave	+++++ 2769578	9256 6850744	66812	283493	585324	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1550336	5370 3915494	38047	162539	335918	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	5150 3688445	12364 9464838	91424	377480	808324	2.00 2000	10.0 5000	50.0	200	500
Vinyl acetate	FB	Ave	+++++ 315331	629 960177	9272	32429	71585	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 883532	2859 2336903	21568	89422	192386	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 1193942	4394 2755493	32205	129800	262575	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1020190	3889 3263107	26198	96137	231257	+++++ 200	1.00 500	5.00	20.0	50.0
Bromochloromethane	FB	Ave	+++++ 451165	1484 1196849	11798	46893	99069	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1426300	5497 3689692	37583	148756	312927	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 1020334	3866 2915448	25247	102972	217819	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 224292	749 578923	5633	22949	49219	+++++ 400	2.00 1000	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrahydrofuran	BUT	Ave	+++++ 865900	3051 2157228	23445	92033	201217	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1195903	4644 3182579	31610	124768	262969	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 691848	2900 1711354	18307	74194	160444	+++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	+++++ 1079043	6221 2910781	37787	123814	244896	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 3262137	12187 8642091	83805	353045	734166	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 383795	1837 1204043	10354	36981	93732	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 1237857	5358 3166904	31959	132542	282117	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1888249	6541 4817476	46635	207590	433673	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 980598	4070 3278794	24040	94084	234333	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 842580	3357 2267623	21239	86591	185305	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 559874	2317 1473840	13800	57584	127429	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	+++++ 737076	3151 2005463	17338	79765	171959	+++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	+++++ 798599	3600 2233270	22215	91228	193041	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1188221	4046 3251584	28232	130334	284756	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1121228	4361 3054623	29701	120099	259743	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 559965	1791 1487619	13190	58809	125824	+++++ 400	2.00 1000	10.0	40.0	100
p-Dioxane	DXE	Ave	+++++ 263241	2521 692880	7796	28194	61077	+++++ 4000	50.0 10000	100	400	1000
Propyl acetate	FB	Ave	+++++ 1500968	5387 3745666	36655	155440	323473	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 282341	1198 803677	6024	22821	60321	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1438891	5382 3903949	35417	153265	325801	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	+++++ 3549830	13338 9502796	89484	380977	787510	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Epichlorohydrin	BUT	Ave	2510 2009649	6108 4349515	38240	199428	439135	5.00 4000	20.0 10000	100	400	1000
Tetrachloroethene	CBNZ d5	Ave	+++++ 840134	3132 2337860	22215	85121	180611	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 5181433	19799 13024897	132247	551853	1182024	+++++ 1000	5.00 2500	25.0	100	250
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1427455	4597 3815975	33130	145372	315705	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 668728	2314 1783111	17146	68559	147357	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 967897	3356 2659775	22559	95422	198746	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1382571	4695 3703129	34782	145615	307335	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	+++++ 843346	2564 2329188	20694	86082	186436	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl acetate	CBNZ d5	Ave	+++++ 1540010	4786 4236355	34568	164036	353580	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 3679617	14050 9991102	101319	414812	895815	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 2302212	8487 6567516	60328	234160	527887	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1231795	4515 3654222	30293	124508	280244	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 865679	2943 2536997	21570	86945	191582	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1563717	5000 4459234	36924	152729	341733	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1576164	4950 4469307	37032	156417	337140	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 719095	2330 2087256	15177	63605	144463	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 2691695	7797 7644828	60503	256480	557922	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 790005	1783 2094566	15076	65811	156511	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 3917006	13219 11079023	93439	369447	808197	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate	DCBd 4	Ave	+++++ 2029252	6708 5108896	44994	163953	417880	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 1128625	3581 3145275	24987	107036	235160	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCBd 4	Ave	+++++ 4742519	15880 12948071	111442	436314	942184	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 1186741	3806 3255691	27678	103650	233317	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 3325218	10261 9279952	75419	295584	658371	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 364621	1751 975186	8610	33634	74460	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 3506915	10416 9607329	80458	320552	709673	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 3156120	9415 8700539	72488	277443	633911	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2945991	9515 8164613	61657	275658	611522	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3775767	11230 10428437	79297	337959	768178	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 1499554	4058 4001936	26243	126131	289249	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 4288609	13396 11677802	94550	394045	873948	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 2158454	6494 5972008	44841	200071	446925	+++++ 200	1.00 500	5.00	20.0	50.0
p-Isopropyltoluene	DCBd 4	Ave	+++++ 3955781	12309 10786740	86575	369979	816274	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 2200780	7626 6108308	50881	208404	467228	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 544111	1352 1406434	11488	48788	109195	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 3410039	12377 9158855	76981	312211	734850	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 2152009	6753 5900731	48395	203709	462204	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 324735	908 857123	6827	30790	69472	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 1587184	5249 4551124	36615	156342	346856	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 481103	2175 1405182	11766	46662	104461	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 4072117	14031 8599823	95980	413294	929280	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 1454223	5269 4052411	34648	142266	319307	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 394260

SDG No.:

Instrument ID: CVOAMS5 GC Column: Rtx-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2016 15:43 Calibration End Date: 10/01/2016 22:47 Calibration ID: 58151

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dibromofluoromethane (Surr)	FB	Ave	279178 170661	121201 173782	191919	187064	160731	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	335596 209227	157027 235478	239325	233931	200740	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	1065050 649071	478040 705025	754080	734524	627464	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	350823 248839	156941 282146	254471	249300	220207	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60480.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 01-Oct-2016 15:43:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0046290-002
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:21:51 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:48:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	98	709380	1000.0	1000.0	
36 Acrylonitrile	53	2.175	2.167	0.008	93	5150	2.00	1.88	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	97	279178	50.0	51.6	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	727147	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	335596	50.0	49.2	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	1040892	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.224	4.232	-0.008	94	80870	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	1065050	50.0	50.8	
82 Epichlorohydrin	57	4.957	4.940	0.017	23	2510	5.00	3.85	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	87	939845	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	92	350823	50.0	47.5	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	96	558568	50.0	50.0	

Reagents:

ACRY/EPIH MIX_00026	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00048	Amount Added:	0.00	Units: uL	
ACROLEIN W_00056	Amount Added:	0.00	Units: uL	
MIX I Hi_00062	Amount Added:	0.00	Units: uL	
14DIOXINTER_00062	Amount Added:	0.00	Units: uL	
GAS Hi_00167	Amount Added:	0.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

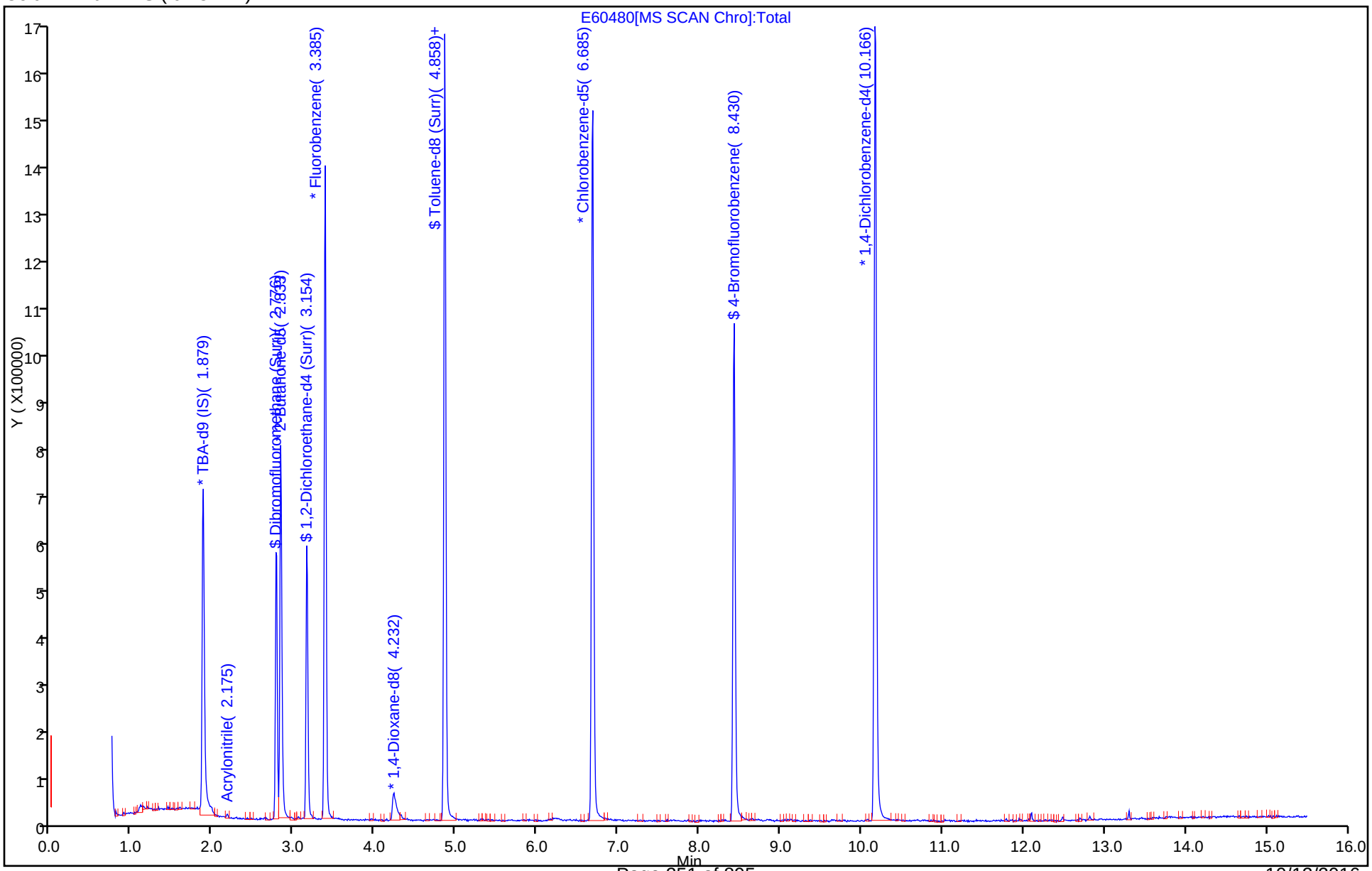
Report Date: 04-Oct-2016 18:24:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60480.D

Injection Date:	01-Oct-2016 15:43:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD8			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60482.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 01-Oct-2016 16:41:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0046290-004
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:19:13 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: kluseys Date: 01-Oct-2016 17:29:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	88	2163	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	20766	5.00	4.92	
3 Vinyl chloride	62	0.924	0.924	0.000	98	20999	5.00	4.35	
4 Butadiene	54	0.932	0.932	0.000	89	16577	NC	NC	
5 Chloromethane	50	0.941	0.941	-0.001	86	30017	5.00	4.46	
6 Bromomethane	94	1.072	1.072	0.000	98	13500	5.00	4.27	
8 Chloroethane	64	1.122	1.122	0.000	99	21910	5.00	5.13	
9 Pentane	72	1.179	1.179	0.000	97	5649	10.0	7.01	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	97	33114	5.00	4.46	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	42776	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	32972	5.00	4.75	
13 Ethyl ether	59	1.336	1.336	0.000	90	20645	5.00	4.63	
15 1,2-Dichloro-1,1,2-trifluo	67	1.418	1.426	-0.008	83	20789	NC	NC	
16 1,1-Dichloroethene	96	1.418	1.426	-0.008	97	19393	5.00	4.74	
14 Ethanol	46	1.434	1.434	0.000	27	6448	200.0	179.3	
17 Carbon disulfide	76	1.434	1.434	0.000	100	65965	5.00	4.55	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	94	13116	5.00	4.05	
19 Iodomethane	142	1.492	1.492	0.000	99	18178	5.00	4.23	
20 Cyclopentene	67	1.566	1.566	0.000	97	41504	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	97	15040	20.0	19.6	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	89	12165	5.00	5.10	
23 Isopropyl alcohol	45	1.689	1.689	0.000	92	17840	50.0	48.9	
24 Methylene Chloride	84	1.714	1.714	0.000	94	19958	5.00	4.53	
25 Acetone	58	1.739	1.739	0.000	86	14840	25.0	25.3	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	94	20691	5.00	4.63	
27 Methyl acetate	74	1.805	1.805	0.000	100	20213	25.0	22.3	
28 Hexane	57	1.838	1.846	-0.008	76	34606	5.00	4.63	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	91	68177	5.00	4.80	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	536004	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	94	29495	50.0	48.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	2.002	1.994	0.008	97	25382	50.0	41.0	
33 Isopropyl ether	45	2.076	2.076	0.000	96	66812	5.00	4.62	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	16213	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	38047	5.00	4.60	
36 Acrylonitrile	53	2.167	2.167	0.000	93	91424	50.0	47.1	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	88	66906	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	100	9272	10.0	11.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	97	21568	5.00	4.62	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	97	32205	5.00	4.96	
41 Cyclohexane	56	2.595	2.595	0.000	93	26198	5.00	4.54	
42 Chlorobromomethane	128	2.603	2.595	0.008	94	11798	5.00	4.85	
43 Chloroform	83	2.652	2.652	0.000	97	37583	5.00	4.77	
44 Carbon tetrachloride	117	2.743	2.743	0.000	96	25247	5.00	4.51	
45 Ethyl acetate	70	2.751	2.751	0.000	97	5633	10.0	9.43	
46 Methyl acrylate	55	2.751	2.751	0.000	52	20265	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	94	23445	10.0	9.86	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	97	191919	50.0	49.9	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	31610	5.00	4.76	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	525370	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.875	-0.001	99	18307	25.0	23.5	
52 1,1-Dichloropropene	75	2.874	2.875	-0.001	92	37787	5.00	5.42	
53 Isooctane	57	2.957	2.965	-0.008	96	33620	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	54	10354	5.00	4.48	
55 Benzene	78	3.056	3.056	0.000	98	83805	5.00	4.65	
56 Propionitrile	54	3.080	3.072	0.008	96	34762	NC	NC	
57 Methacrylonitrile	67	3.088	3.089	0.000	94	102255	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	239325	50.0	49.4	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	63176	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	31959	5.00	4.55	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	29227	NC	NC	
62 t-Amyl alcohol	59	3.360	3.352	0.008	96	21169	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	738924	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	46635	5.00	4.54	
66 Methylcyclohexane	83	3.508	3.508	0.000	94	24040	5.00	4.21	
67 Trichloroethene	95	3.525	3.525	0.000	96	21239	5.00	4.55	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	97	52179	NC	NC	
69 Dibromomethane	93	3.879	3.879	-0.001	95	13800	5.00	4.42	
70 n-Butanol	56	3.911	3.903	0.008	90	17338	125.0	101.8	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	86	22215	5.00	4.64	
72 Ethyl acrylate	55	4.051	4.043	0.008	83	28232	5.00	4.32	
73 Dichlorobromomethane	83	4.051	4.051	0.000	97	29701	5.00	4.68	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	86	61391	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	92	13190	10.0	8.87	
76 1,4-Dioxane	88	4.265	4.265	0.000	61	7796	100.0	106.6	M
77 n-Propyl acetate	43	4.397	4.389	0.008	99	36655	5.00	4.58	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	92	6024	5.00	4.01	
79 cis-1,3-Dichloropropene	75	4.677	4.669	0.008	97	35417	5.00	4.47	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	754080	50.0	50.3	
81 Toluene	91	4.915	4.907	0.008	93	89484	5.00	4.58	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	38240	100.0	81.2	
83 2-Nitropropane	41	5.154	5.154	0.000	100	15509	NC	NC	
84 Tetrachloroethene	166	5.335	5.327	0.008	96	22215	5.00	4.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	99	132247	25.0	23.2	
86 trans-1,3-Dichloropropene	75	5.409	5.401	0.008	98	33130	5.00	4.42	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	94	17146	5.00	4.76	
88 Ethyl methacrylate	69	5.656	5.656	0.000	91	29886	NC	NC	
89 Chlorodibromomethane	129	5.771	5.763	0.008	98	22559	5.00	4.45	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	34782	5.00	4.66	
91 Ethylene Dibromide	107	6.002	6.002	0.000	97	20694	5.00	4.65	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	34568	5.00	4.24	
93 2-Hexanone	43	6.413	6.413	0.000	97	101319	25.0	23.9	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	87	672014	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	92	60328	5.00	4.71	
96 Ethylbenzene	106	6.792	6.792	0.000	99	30293	5.00	4.45	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	93	21570	5.00	4.59	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	97	36924	5.00	4.48	
99 o-Xylene	106	7.582	7.582	0.000	94	37032	5.00	4.49	
100 Bromoform	173	7.648	7.640	0.008	94	15177	5.00	4.18	
101 Styrene	104	7.664	7.664	0.000	95	60503	5.00	4.43	
102 n-Butyl acrylate	73	8.002	8.002	0.000	99	15076	5.00	4.15	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	93439	5.00	4.56	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	44994	5.00	4.83	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	91	254471	50.0	48.2	
106 Bromobenzene	156	8.528	8.528	0.000	94	24987	5.00	4.65	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	111442	5.00	4.93	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.833	0.008	97	27678	5.00	4.98	
109 2-Chlorotoluene	91	8.857	8.858	-0.001	97	75419	5.00	4.86	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	85954	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.965	-0.001	95	8610	5.00	4.59	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	0.000	94	80458	5.00	4.91	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.088	0.008	86	8188	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	98	72488	5.00	4.94	
115 tert-Butylbenzene	119	9.491	9.499	-0.008	95	61657	5.00	4.44	
116 1,2,4-Trimethylbenzene	105	9.631	9.623	0.008	98	79297	5.00	4.56	
117 Butyl Methacrylate	87	9.639	9.639	0.000	95	26243	5.00	4.07	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	94550	5.00	4.71	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	44841	5.00	4.47	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	86575	5.00	4.66	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	95	394421	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	94	50881	5.00	4.74	
123 2,3-Dihydroindene	117	10.471	10.471	-0.001	95	79810	NC	NC	
124 Benzyl chloride	126	10.652	10.643	0.009	98	11488	5.00	4.78	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	44171	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	97	76981	5.00	4.64	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	97	48395	5.00	4.71	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	98	80123	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	93	6827	5.00	4.56	
130 1,3,5-Trichlorobenzene	180	11.944	11.935	0.009	97	34819	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	36615	5.00	4.69	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	91	11766	5.00	4.64	
133 Naphthalene	128	12.693	12.693	0.000	99	95980	5.00	4.90	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	96	34648	5.00	4.76	
S 135 1,2-Dichloroethene, Total	100				0		10.0	9.25	
S 136 1,3-Dichloropropene, Total	100				0		10.0	8.89	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	8.97	
S 138 Total BTEX	1				0		25.0	22.6	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

MIX 2 Hi_00048	Amount Added:	1.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
GAS Hi_00167	Amount Added:	1.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 18:19:27 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60482.D

Injection Date: 01-Oct-2016 16:41:30 Instrument ID: CVOAMS5 Operator ID:

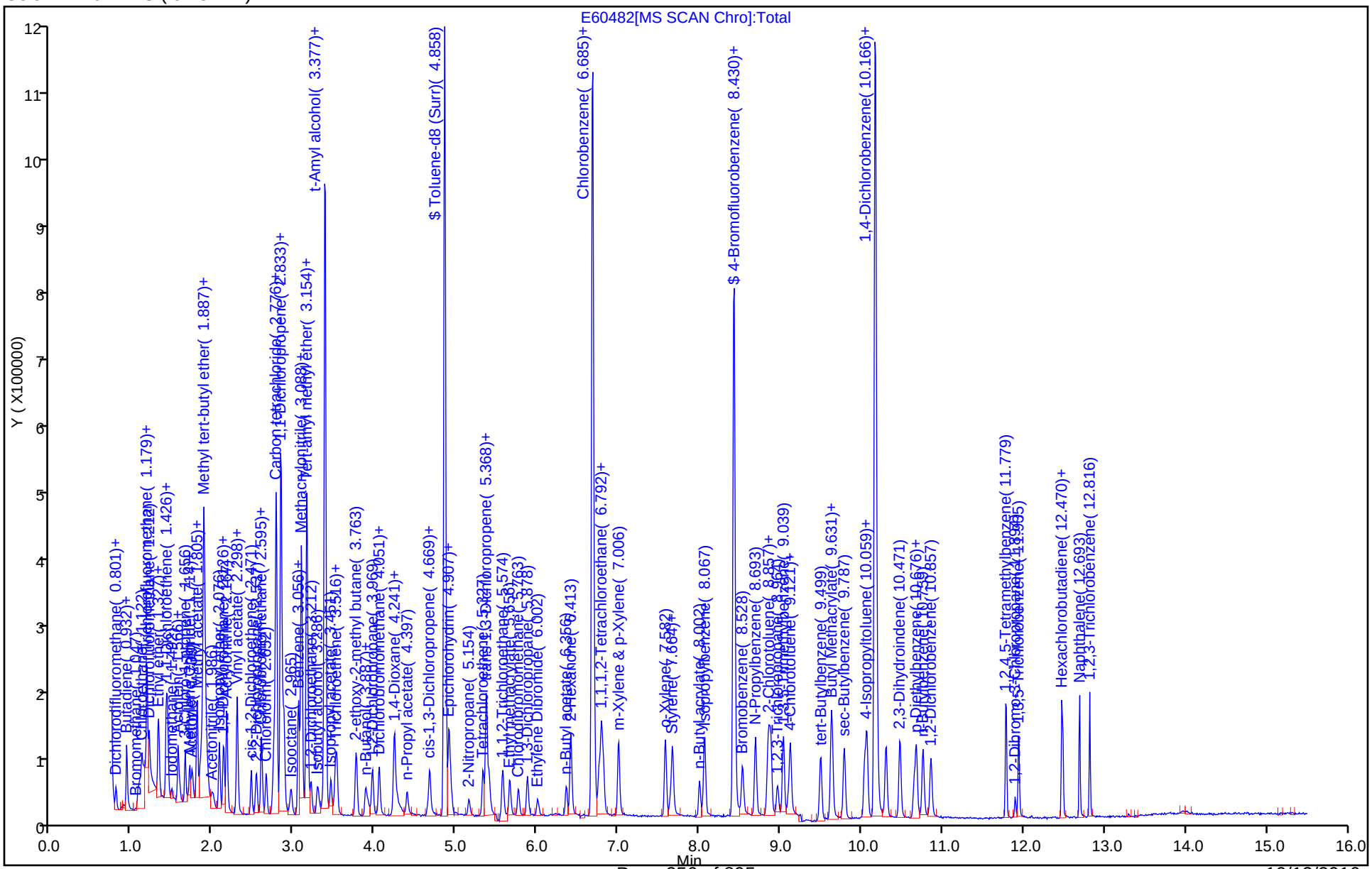
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60483.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 01-Oct-2016 17:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0046290-005
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:19:41 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:24:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	89	9098	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	73118	20.0	17.1	
3 Vinyl chloride	62	0.924	0.924	0.000	98	89904	20.0	18.3	
4 Butadiene	54	0.932	0.932	0.000	88	65665	NC	NC	
5 Chloromethane	50	0.941	0.941	0.000	91	126589	20.0	18.5	
6 Bromomethane	94	1.072	1.072	0.000	99	53363	20.0	16.6	
8 Chloroethane	64	1.122	1.122	0.000	99	83423	20.0	19.2	
9 Pentane	72	1.179	1.179	0.000	96	18761	40.0	22.9	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	98	127860	20.0	17.0	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	200948	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	123366	20.0	17.5	
13 Ethyl ether	59	1.336	1.336	0.000	95	88640	20.0	19.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	86	96816	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	75197	20.0	18.1	
14 Ethanol	46	1.434	1.434	0.000	48	24307	800.0	662.6	
17 Carbon disulfide	76	1.434	1.434	0.000	100	271017	20.0	18.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	98	50206	20.0	15.3	
19 Iodomethane	142	1.492	1.492	0.000	99	53556	20.0	12.3	
20 Cyclopentene	67	1.566	1.566	0.000	96	156141	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	29240	40.0	37.5	
22 3-Chloro-1-propene	76	1.657	1.657	0.000	88	46316	20.0	19.1	
23 Isopropyl alcohol	45	1.689	1.689	0.000	93	67558	200.0	181.5	
24 Methylene Chloride	84	1.714	1.714	0.000	97	84620	20.0	18.9	
25 Acetone	58	1.739	1.739	0.000	86	52506	100.0	88.6	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	96	80576	20.0	17.8	
27 Methyl acetate	74	1.805	1.805	0.000	99	83698	100.0	90.5	
28 Hexane	57	1.846	1.846	0.000	74	128413	20.0	16.9	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	97	273121	20.0	19.0	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	546679	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	111095	200.0	177.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	99	115577	200.0	182.9	
33 Isopropyl ether	45	2.076	2.076	0.000	95	283493	20.0	19.3	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	94	66886	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	162539	20.0	19.4	
36 Acrylonitrile	53	2.167	2.167	0.000	92	377480	200.0	191.5	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	61	289155	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	32429	40.0	38.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	96	89422	20.0	18.9	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	96	129800	20.0	19.7	
41 Cyclohexane	56	2.595	2.595	0.000	92	96137	20.0	16.4	
42 Chlorobromomethane	128	2.595	2.595	0.000	92	46893	20.0	19.0	
43 Chloroform	83	2.652	2.652	0.000	97	148756	20.0	18.6	
44 Carbon tetrachloride	117	2.743	2.743	0.000	97	102972	20.0	18.1	
45 Ethyl acetate	70	2.751	2.751	0.000	99	22949	40.0	38.0	
46 Methyl acrylate	55	2.751	2.751	0.000	55	95085	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	93	92033	40.0	38.3	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	187064	50.0	47.9	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	124768	20.0	18.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	531513	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.875	0.000	99	74194	100.0	94.1	
52 1,1-Dichloropropene	75	2.875	2.875	0.000	93	123814	20.0	17.5	
53 Isooctane	57	2.965	2.965	0.000	97	106734	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	48	36981	20.0	15.8	
55 Benzene	78	3.056	3.056	0.000	97	353045	20.0	20.5	
56 Propionitrile	54	3.072	3.072	0.000	99	151440	NC	NC	
57 Methacrylonitrile	67	3.089	3.089	0.000	93	445437	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	233931	50.0	47.6	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	281386	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	132542	20.0	18.6	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	131782	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	96	94539	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	750213	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	99	207590	20.0	19.9	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	94084	20.0	16.2	
67 Trichloroethene	95	3.525	3.525	0.000	97	86591	20.0	18.3	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	98	227669	NC	NC	
69 Dibromomethane	93	3.879	3.879	0.000	95	57584	20.0	18.2	
70 n-Butanol	56	3.903	3.903	0.000	90	79765	500.0	459.3	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	87	91228	20.0	18.8	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	130334	20.0	19.6	
73 Dichlorobromomethane	83	4.051	4.051	0.000	97	120099	20.0	18.6	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	74	65537	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	92	58809	40.0	38.9	
76 1,4-Dioxane	88	4.265	4.265	0.000	94	28194	400.0	361.2	
77 n-Propyl acetate	43	4.389	4.389	0.000	100	155440	20.0	19.1	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	95	22821	20.0	14.9	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	153265	20.0	20.3	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	734524	50.0	51.3	
81 Toluene	91	4.907	4.907	0.000	93	380977	20.0	20.4	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	199428	400.0	418.6	
83 2-Nitropropane	41	5.154	5.154	0.000	99	68691	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	96	85121	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	98	551853	100.0	95.7	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	97	145372	20.0	20.3	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	93	68559	20.0	19.9	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	127024	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	95422	20.0	19.7	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	95	145615	20.0	20.4	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	86082	20.0	20.3	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	164036	20.0	21.1	
93 2-Hexanone	43	6.413	6.413	0.000	97	414812	100.0	96.7	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	86	641871	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	96	234160	20.0	19.2	
96 Ethylbenzene	106	6.792	6.792	0.000	98	124508	20.0	19.2	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	93	86945	20.0	19.4	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	96	152729	20.0	19.4	
99 o-Xylene	106	7.582	7.582	0.000	95	156417	20.0	19.8	
100 Bromoform	173	7.640	7.640	0.000	95	63605	20.0	18.3	
101 Styrene	104	7.664	7.664	0.000	95	256480	20.0	19.6	
102 n-Butyl acrylate	73	8.002	8.002	0.000	97	65811	20.0	19.0	
103 Isopropylbenzene	105	8.059	8.059	0.000	96	369447	20.0	18.9	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	163953	20.0	16.8	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	95	249300	50.0	49.4	
106 Bromobenzene	156	8.528	8.528	0.000	94	107036	20.0	19.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	436314	20.0	18.4	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.833	0.000	96	103650	20.0	17.8	
109 2-Chlorotoluene	91	8.858	8.858	0.000	98	295584	20.0	18.2	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	361251	NC	NC	
111 1,2,3-Trichloropropane	110	8.965	8.965	0.000	96	33634	20.0	17.1	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	0.000	94	320552	20.0	18.7	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	92	34365	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	97	277443	20.0	18.1	
115 tert-Butylbenzene	119	9.499	9.499	0.000	96	275658	20.0	18.9	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	337959	20.0	18.6	
117 Butyl Methacrylate	87	9.639	9.639	0.000	93	126131	20.0	18.6	
118 sec-Butylbenzene	105	9.787	9.787	0.000	99	394045	20.0	18.7	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	200071	20.0	19.0	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	369979	20.0	19.0	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	95	413255	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	95	208404	20.0	18.5	
123 2,3-Dihydroindene	117	10.471	10.471	0.000	94	354505	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	99	48788	20.0	19.4	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	189457	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	312211	20.0	18.0	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	97	203709	20.0	18.9	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	369476	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	93	30790	20.0	19.6	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	97	148701	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	156342	20.0	19.1	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	90	46662	20.0	17.6	
133 Naphthalene	128	12.693	12.693	0.000	99	413294	20.0	20.1	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	142266	20.0	18.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.6	
S 136 1,3-Dichloropropene, Total	100				0		40.0	40.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.3	
S 138 Total BTEX	1				0		100.0	99.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MIX 2 Hi_00048	Amount Added:	2.00	Units: uL		
ACROLEIN W_00056	Amount Added:	4.00	Units: uL		
MIX I Hi_00062	Amount Added:	2.00	Units: uL		
GAS Hi_00167	Amount Added:	2.00	Units: uL		
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 04-Oct-2016 18:19:52 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60483.D

Injection Date: 01-Oct-2016 17:09:30 Instrument ID: CVOAMS5 Operator ID:

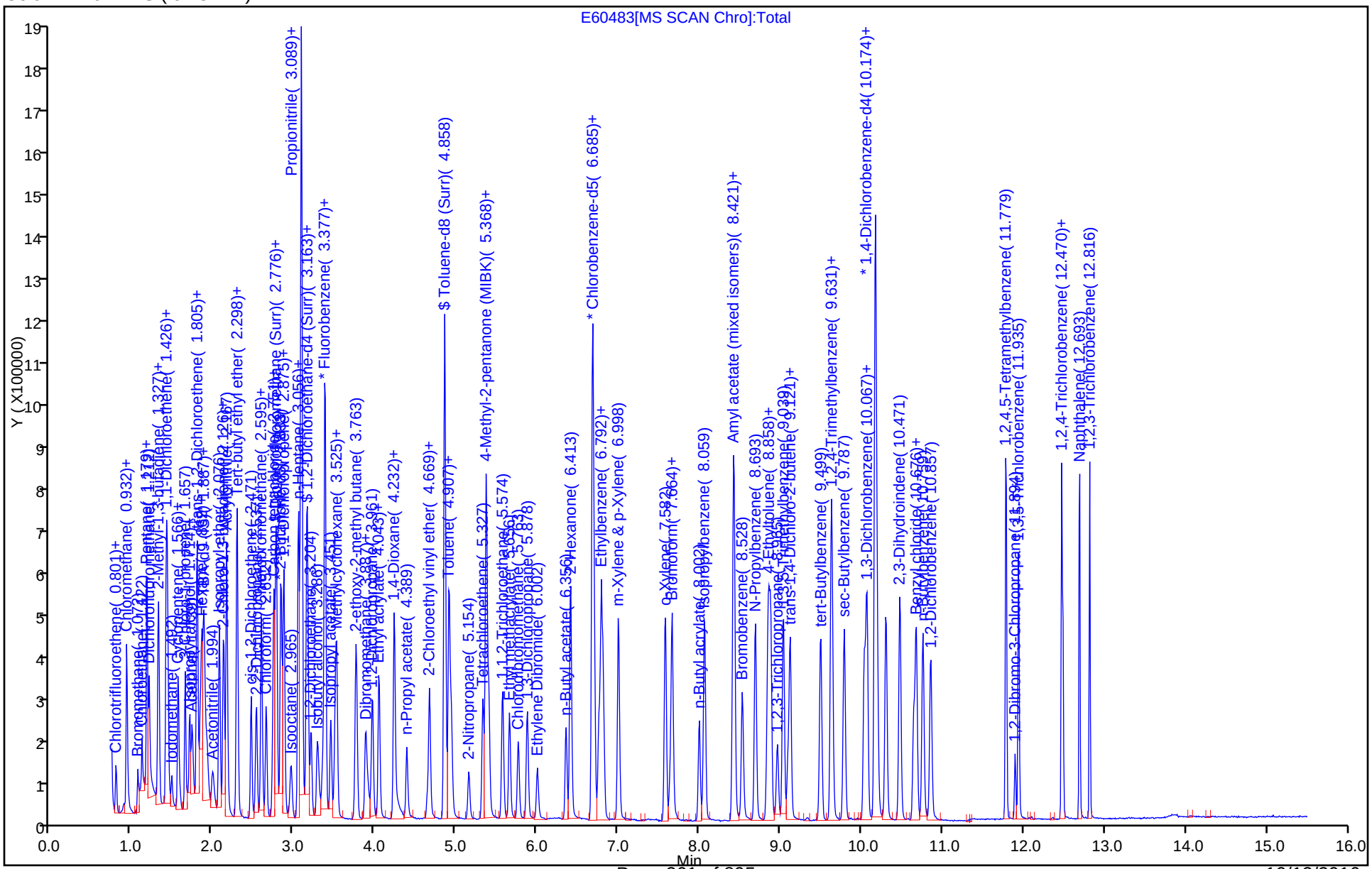
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60484.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2016 17:35:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0046290-006
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:19:58 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:43:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	19686	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	165987	50.0	51.5	
3 Vinyl chloride	62	0.924	0.924	0.000	98	182651	50.0	49.6	
4 Butadiene	54	0.932	0.932	0.000	93	142953	NC	NC	
5 Chloromethane	50	0.941	0.941	-0.001	99	262894	50.0	51.2	
6 Bromomethane	94	1.072	1.072	0.000	99	118962	50.0	49.3	
8 Chloroethane	64	1.122	1.122	0.000	99	171556	50.0	53.2	
9 Pentane	72	1.187	1.179	0.008	96	58451	100.0	95.1	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	66	290288	50.0	51.3	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	380543	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	269668	50.0	51.0	
13 Ethyl ether	59	1.336	1.336	0.000	94	176534	50.0	51.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	83	176185	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	150684	50.0	48.3	
14 Ethanol	46	1.434	1.434	0.000	26	47835	2000.0	1760.5	
17 Carbon disulfide	76	1.434	1.434	0.000	100	538509	50.0	48.7	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	98	117688	50.0	47.6	
19 Iodomethane	142	1.492	1.492	0.000	99	137983	50.0	42.1	
20 Cyclopentene	67	1.566	1.566	0.000	97	352803	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	98	59526	100.0	102.9	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	88	91618	50.0	50.4	
23 Isopropyl alcohol	45	1.689	1.689	0.000	97	134016	500.0	486.2	
24 Methylene Chloride	84	1.714	1.714	0.000	95	172231	50.0	51.2	
25 Acetone	58	1.739	1.739	0.000	86	111439	250.0	250.4	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	96	161772	50.0	47.5	
27 Methyl acetate	74	1.805	1.805	0.000	100	171363	250.0	250.2	
28 Hexane	57	1.846	1.846	0.000	93	291645	50.0	51.1	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	97	557249	50.0	51.5	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	99	404891	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	229915	500.0	494.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	98	234473	500.0	500.9	
33 Isopropyl ether	45	2.076	2.076	0.000	95	585324	50.0	53.0	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	145555	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	335918	50.0	53.3	
36 Acrylonitrile	53	2.167	2.167	0.000	92	808324	500.0	545.8	
37 Tert-butyl ethyl ether	59	2.290	2.298	-0.008	66	614030	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	71585	100.0	111.7	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	96	192386	50.0	54.0	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	96	262575	50.0	53.0	
41 Cyclohexane	56	2.595	2.595	0.000	92	231257	50.0	52.6	
42 Chlorobromomethane	128	2.595	2.595	0.000	91	99069	50.0	53.4	
43 Chloroform	83	2.652	2.652	0.000	97	312927	50.0	52.1	
44 Carbon tetrachloride	117	2.743	2.743	0.000	97	217819	50.0	51.0	
45 Ethyl acetate	70	2.751	2.751	0.000	98	49219	100.0	108.5	
46 Methyl acrylate	55	2.751	2.751	0.000	91	199980	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	94	201217	100.0	111.4	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	160731	50.0	54.8	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	262969	50.0	51.9	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	99	399210	250.0	250.0	
51 2-Butanone (MEK)	72	2.866	2.875	-0.009	100	160444	250.0	271.0	
52 1,1-Dichloropropene	75	2.874	2.875	-0.001	94	244896	50.0	46.1	
53 Isooctane	57	2.965	2.965	0.000	98	316716	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	51	93732	50.0	53.2	
55 Benzene	78	3.056	3.056	0.000	97	734166	50.0	53.4	
56 Propionitrile	54	3.072	3.072	0.000	99	322703	NC	NC	
57 Methacrylonitrile	67	3.088	3.089	0.000	93	929240	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	200740	50.0	54.4	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	592599	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	98	282117	50.0	52.7	
61 Isobutyl alcohol	43	3.286	3.286	0.000	97	285172	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	96	204063	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	563715	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	99	433673	50.0	55.3	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	234333	50.0	53.8	
67 Trichloroethene	95	3.525	3.525	0.000	97	185305	50.0	52.0	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	98	481333	NC	NC	
69 Dibromomethane	93	3.879	3.879	-0.001	95	127429	50.0	53.5	
70 n-Butanol	56	3.895	3.903	-0.008	91	171959	1250.0	1337.0	
71 1,2-Dichloropropane	63	3.961	3.969	-0.008	87	193041	50.0	52.9	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	284756	50.0	57.1	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	259743	50.0	53.7	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	45	49407	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	91	125824	100.0	110.9	
76 1,4-Dioxane	88	4.265	4.265	0.000	96	61077	1000.0	1038.1	
77 n-Propyl acetate	43	4.389	4.389	0.000	100	323473	50.0	53.0	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	97	60321	50.0	52.6	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	325801	50.0	53.9	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	627464	50.0	54.8	
81 Toluene	91	4.907	4.907	0.000	93	787510	50.0	52.8	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	439135	1000.0	1227.4	
83 2-Nitropropane	41	5.154	5.154	0.000	98	144917	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	97	180611	50.0	51.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	98	1182024	250.0	272.8	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	97	315705	50.0	55.2	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	94	147357	50.0	53.6	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	275129	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	198746	50.0	51.4	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	307335	50.0	54.0	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	186436	50.0	54.9	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	353580	50.0	56.8	
93 2-Hexanone	43	6.413	6.413	0.000	97	895815	250.0	278.0	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	88	512639	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	94	527887	50.0	54.1	
96 Ethylbenzene	106	6.792	6.792	0.000	99	280244	50.0	54.0	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	94	191582	50.0	53.5	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	97	341733	50.0	54.4	
99 o-Xylene	106	7.582	7.582	0.000	94	337140	50.0	53.5	
100 Bromoform	173	7.639	7.640	-0.001	95	144463	50.0	52.1	
101 Styrene	104	7.664	7.664	0.000	95	557922	50.0	53.5	
102 n-Butyl acrylate	73	7.993	8.002	-0.009	98	156511	50.0	56.5	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	808197	50.0	51.7	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	417880	50.0	55.6	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	93	220207	50.0	54.7	
106 Bromobenzene	156	8.528	8.528	0.000	95	235160	50.0	54.3	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	942184	50.0	51.7	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.833	0.008	97	233317	50.0	52.0	
109 2-Chlorotoluene	91	8.857	8.858	-0.001	98	658371	50.0	52.6	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	802762	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.965	-0.001	97	74460	50.0	49.2	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	0.000	94	709673	50.0	53.8	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	92	81859	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	97	633911	50.0	53.6	
115 tert-Butylbenzene	119	9.499	9.499	0.000	95	611522	50.0	54.6	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	768178	50.0	54.8	
117 Butyl Methacrylate	87	9.639	9.639	0.000	96	289249	50.0	55.6	
118 sec-Butylbenzene	105	9.787	9.787	0.000	99	873948	50.0	54.0	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	96	446925	50.0	55.3	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	816274	50.0	54.5	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	94	317926	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	97	467228	50.0	54.0	
123 2,3-Dihydroindene	117	10.471	10.471	-0.001	95	800838	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	98	109195	50.0	56.3	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	451893	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	734850	50.0	55.0	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	96	462204	50.0	55.8	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	98	830472	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	94	69472	50.0	57.6	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	97	344864	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	346856	50.0	55.1	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	91	104461	50.0	51.1	
133 Naphthalene	128	12.693	12.693	0.000	99	929280	50.0	58.8	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	319307	50.0	54.5	
S 135 1,2-Dichloroethene, Total	100				0		100.0	101.5	
S 136 1,3-Dichloropropene, Total	100				0		100.0	109.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	107.9	
S 138 Total BTEX	1				0		250.0	268.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MIX 2 Hi_00048	Amount Added:	5.00	Units: uL	
ACROLEIN W_00056	Amount Added:	10.00	Units: uL	
MIX I Hi_00062	Amount Added:	5.00	Units: uL	
GAS Hi_00167	Amount Added:	5.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

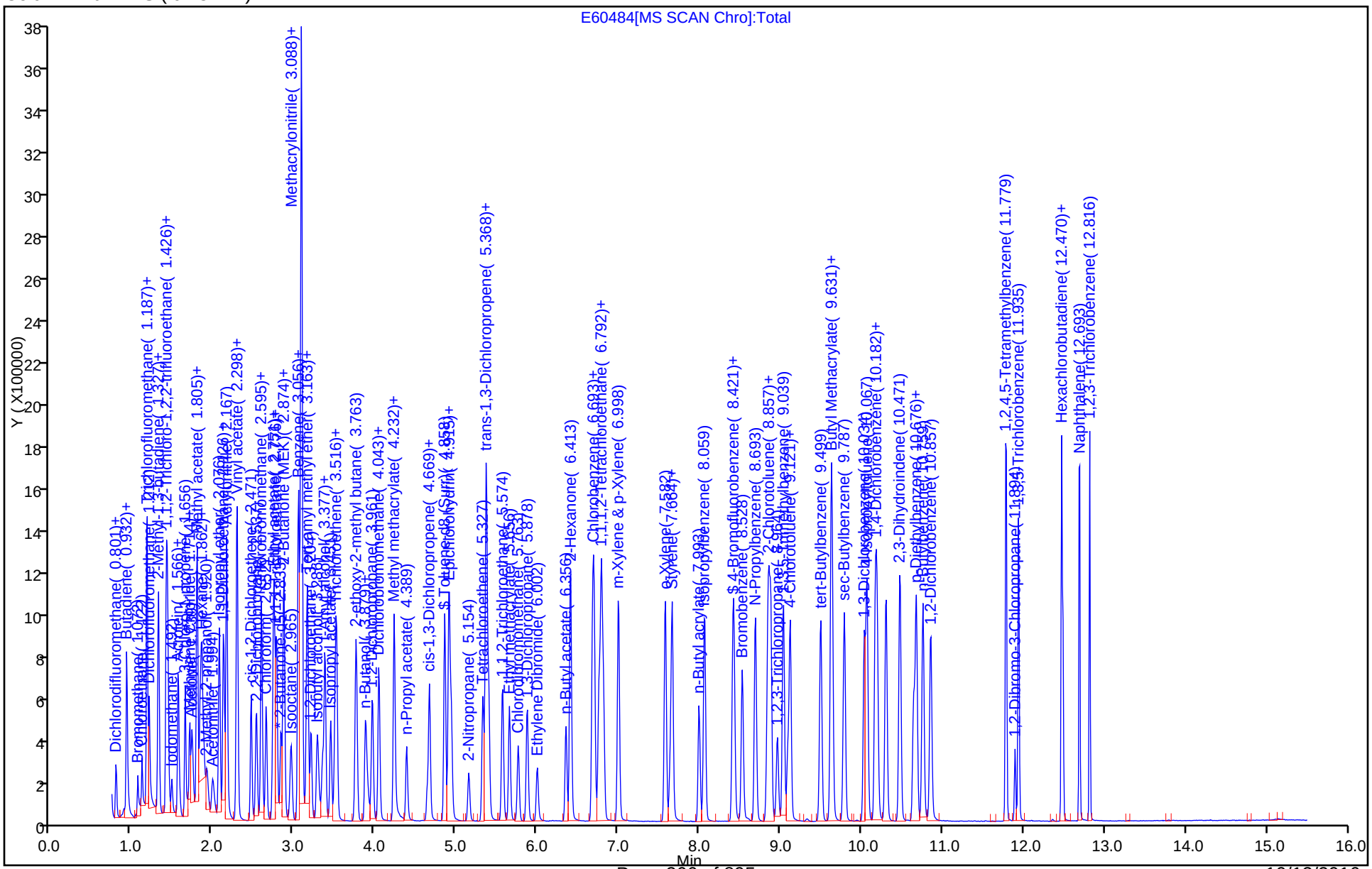
Report Date: 04-Oct-2016 18:20:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60484.D

Injection Date:	01-Oct-2016 17:35:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60485.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 01-Oct-2016 18:01:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0046290-007
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:20:15 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:43:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	87068	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	98	780211	200.0	204.8	
3 Vinyl chloride	62	0.924	0.924	0.000	98	874008	200.0	200.5	
4 Butadiene	54	0.932	0.932	0.000	93	728662	NC	NC	
5 Chloromethane	50	0.941	0.941	0.000	99	1263070	200.0	208.1	
6 Bromomethane	94	1.072	1.072	0.000	98	622637	200.0	218.4	
8 Chloroethane	64	1.122	1.122	0.000	99	686201	200.0	181.6	
9 Pentane	72	1.179	1.179	0.000	95	234862	400.0	323.2	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	99	1159965	200.0	173.2	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	1579939	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	1400889	200.0	223.8	
13 Ethyl ether	59	1.336	1.336	0.000	94	818586	200.0	203.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	84	755691	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	725910	200.0	196.7	
14 Ethanol	46	1.434	1.434	0.000	32	213702	8000.0	6714.3	
17 Carbon disulfide	76	1.434	1.434	0.000	100	2543168	200.0	194.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	97	583939	200.0	199.6	
19 Iodomethane	142	1.492	1.492	0.000	99	815793	200.0	210.3	
20 Cyclopentene	67	1.566	1.566	0.000	97	1750655	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	96	132418	200.0	195.5	
22 3-Chloro-1-propene	76	1.657	1.657	0.000	88	409747	200.0	190.5	
23 Isopropyl alcohol	45	1.698	1.689	0.009	94	613567	2000.0	1900.4	
24 Methylene Chloride	84	1.714	1.714	0.000	96	785586	200.0	197.6	
25 Acetone	58	1.747	1.739	0.008	85	481315	1000.0	904.7	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	96	764344	200.0	189.8	
27 Methyl acetate	74	1.805	1.805	0.000	99	789324	1000.0	984.0	
28 Hexane	57	1.838	1.846	-0.008	86	1224217	200.0	181.5	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	99	2529800	200.0	197.6	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	474278	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	988608	2000.0	1816.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	2.002	1.994	0.008	98	998789	2000.0	1821.7	
33 Isopropyl ether	45	2.076	2.076	0.000	95	2769578	200.0	212.2	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	94	733557	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	1550336	200.0	208.0	
36 Acrylonitrile	53	2.167	2.167	0.000	93	3688445	2000.0	2106.1	
37 Tert-butyl ethyl ether	59	2.299	2.298	0.000	66	2793290	NC	NC	
38 Vinyl acetate	86	2.299	2.298	0.000	99	315331	400.0	416.0	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	96	883532	200.0	209.8	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	97	1193942	200.0	203.9	
41 Cyclohexane	56	2.595	2.595	0.000	92	1020190	200.0	196.1	
42 Chlorobromomethane	128	2.595	2.595	0.000	86	451165	200.0	205.7	
43 Chloroform	83	2.652	2.652	0.000	98	1426300	200.0	200.8	
44 Carbon tetrachloride	117	2.743	2.743	0.000	97	1020334	200.0	201.9	
45 Ethyl acetate	70	2.751	2.751	0.000	99	224292	400.0	413.5	
46 Methyl acrylate	55	2.751	2.751	0.000	58	893587	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	96	865900	400.0	401.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	170661	50.0	49.2	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	1195903	200.0	199.4	
* 50 2-Butanone-d5	46	2.842	2.833	0.009	98	477188	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.875	0.000	100	691848	1000.0	977.7	
52 1,1-Dichloropropene	75	2.875	2.875	0.000	94	1079043	200.0	171.7	
53 Isooctane	57	2.965	2.965	0.000	98	1753622	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	50	383795	200.0	184.2	
55 Benzene	78	3.056	3.056	0.000	97	3262137	200.0	198.2	
56 Propionitrile	54	3.089	3.072	0.017	99	1437182	NC	NC	
57 Methacrylonitrile	67	3.097	3.089	0.009	93	4178659	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.163	3.154	0.009	98	209227	50.0	47.9	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	2606347	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	1237857	200.0	195.4	
61 Isobutyl alcohol	43	3.294	3.286	0.008	98	1265604	NC	NC	
62 t-Amyl alcohol	59	3.360	3.352	0.008	96	894274	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	99	666618	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	99	1888249	200.0	203.6	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	980598	200.0	190.5	
67 Trichloroethene	95	3.525	3.525	0.000	97	842580	200.0	200.0	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	97	2206796	NC	NC	
69 Dibromomethane	93	3.879	3.879	0.000	95	559874	200.0	198.8	
70 n-Butanol	56	3.895	3.903	-0.008	90	737076	5000.0	4892.4	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	88	798599	200.0	185.1	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	1188221	200.0	201.4	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	1121228	200.0	195.9	
* 74 1,4-Dioxane-d8	96	4.241	4.232	0.009	90	58264	1000.0	1000.0	
75 Methyl methacrylate	100	4.232	4.232	0.000	89	559965	400.0	417.3	
76 1,4-Dioxane	88	4.265	4.265	0.000	95	263241	4000.0	3793.9	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	1500968	200.0	207.9	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	96	282341	200.0	208.1	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	96	1438891	200.0	199.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	649071	50.0	47.4	
81 Toluene	91	4.916	4.907	0.009	93	3549830	200.0	199.1	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	2009649	4000.0	4699.0	
83 2-Nitropropane	41	5.154	5.154	0.000	99	665333	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	97	840134	200.0	199.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.376	5.368	0.008	98	5181433	1000.0	1000.5	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	94	1427455	200.0	208.8	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	94	668728	200.0	203.2	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	1244030	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	98	967897	200.0	209.0	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	94	1382571	200.0	203.1	
91 Ethylene Dibromide	107	6.002	6.002	0.000	98	843346	200.0	207.6	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	1540010	200.0	206.8	
93 2-Hexanone	43	6.413	6.413	0.000	97	3679617	1000.0	955.3	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	85	613377	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	95	2302212	200.0	197.0	
96 Ethylbenzene	106	6.792	6.792	0.000	99	1231795	200.0	198.3	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	95	865679	200.0	202.0	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	96	1563717	200.0	208.0	
99 o-Xylene	106	7.582	7.582	0.000	94	1576164	200.0	209.2	
100 Bromoform	173	7.640	7.640	0.000	94	719095	200.0	216.8	
101 Styrene	104	7.664	7.664	0.000	95	2691695	200.0	215.8	
102 n-Butyl acrylate	73	8.002	8.002	0.000	98	790005	200.0	238.5	
103 Isopropylbenzene	105	8.068	8.059	0.009	96	3917006	200.0	209.5	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	90	2029252	200.0	205.2	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	90	248839	50.0	51.6	
106 Bromobenzene	156	8.528	8.528	0.000	95	1128625	200.0	198.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	4742519	200.0	197.6	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.833	0.008	97	1186741	200.0	201.1	
109 2-Chlorotoluene	91	8.858	8.858	0.000	98	3325218	200.0	201.9	
110 4-Ethyltoluene	105	8.891	8.882	0.008	98	4194887	NC	NC	
111 1,2,3-Trichloropropane	110	8.965	8.965	0.000	97	364621	200.0	183.1	
112 1,3,5-Trimethylbenzene	105	9.047	9.039	0.008	94	3506915	200.0	201.8	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.088	0.008	91	448530	NC	NC	
114 4-Chlorotoluene	91	9.129	9.121	0.008	97	3156120	200.0	202.9	
115 tert-Butylbenzene	119	9.500	9.499	0.001	95	2945991	200.0	199.9	
116 1,2,4-Trimethylbenzene	105	9.631	9.623	0.008	97	3775767	200.0	204.8	
117 Butyl Methacrylate	87	9.648	9.639	0.009	95	1499554	200.0	219.0	
118 sec-Butylbenzene	105	9.796	9.787	0.009	98	4288609	200.0	201.3	
119 1,3-Dichlorobenzene	146	10.043	10.034	0.009	96	2158454	200.0	202.9	
120 4-Isopropyltoluene	119	10.076	10.067	0.009	98	3955781	200.0	200.6	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.174	0.000	96	418383	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.199	10.191	0.008	94	2200780	200.0	193.2	
123 2,3-Dihydroindene	117	10.479	10.471	0.008	94	3978185	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	98	544111	200.0	213.2	
125 p-Diethylbenzene	119	10.685	10.676	0.009	96	2251271	NC	NC	
126 n-Butylbenzene	91	10.767	10.759	0.008	98	3410039	200.0	193.8	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	96	2152009	200.0	197.4	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	98	3937231	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	95	324735	200.0	204.6	
130 1,3,5-Trichlorobenzene	180	11.944	11.935	0.009	98	1628275	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	1587184	200.0	191.6	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	91	481103	200.0	178.9	
133 Naphthalene	128	12.693	12.693	0.000	99	4072117	200.0	195.9	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	96	1454223	200.0	188.5	
S 135 1,2-Dichloroethene, Total	100				0		400.0	399.5	
S 136 1,3-Dichloropropene, Total	100				0		400.0	407.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	417.3	
S 138 Total BTEX	1				0		1000.0	1012.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MIX 2 Hi_00048	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	20.00	Units: uL	
MIX I Hi_00062	Amount Added:	20.00	Units: uL	
GAS Hi_00167	Amount Added:	20.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 18:20:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60485.D

Injection Date: 01-Oct-2016 18:01:30 Instrument ID: CVOAMS5 Operator ID:

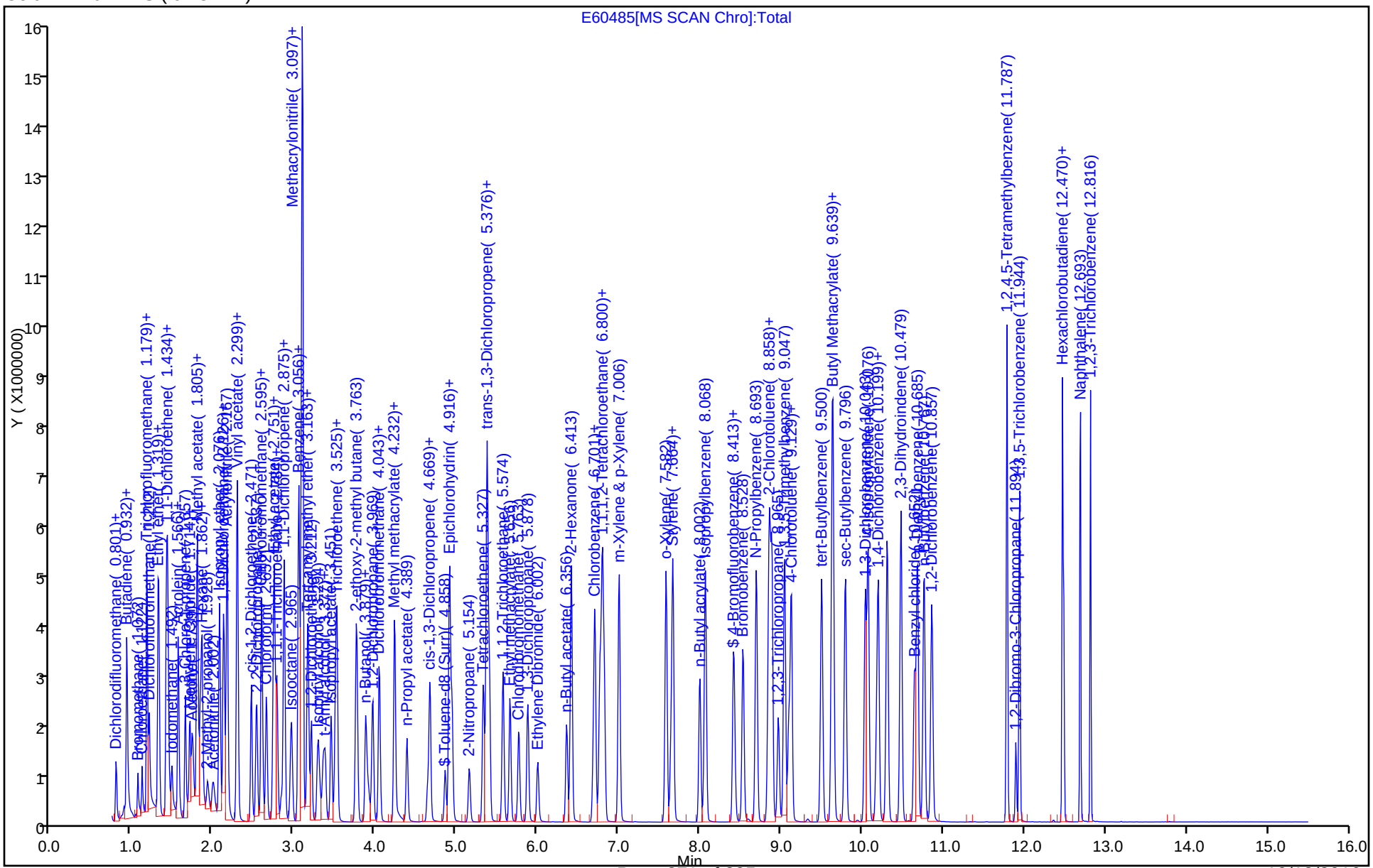
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60486.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 01-Oct-2016 18:27:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0046290-008
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:20:39 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	311089	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	98	2112871	500.0	531.4	
3 Vinyl chloride	62	0.924	0.924	0.000	98	2376622	500.0	522.4	
4 Butadiene	54	0.932	0.932	0.000	93	1934292	NC	NC	
5 Chloromethane	50	0.940	0.941	-0.001	98	3355988	500.0	529.7	
6 Bromomethane	94	1.072	1.072	0.000	99	1929131	500.0	648.3	
8 Chloroethane	64	1.121	1.122	-0.001	99	1858272	500.0	547.1	
9 Pentane	72	1.187	1.179	0.008	96	782775	1000.0	1031.9	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	99	3213801	500.0	459.7	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	4115517	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	3531818	500.0	540.7	
13 Ethyl ether	59	1.335	1.336	-0.001	94	2166588	500.0	515.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	78	1903321	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	1999805	500.0	519.1	
14 Ethanol	46	1.434	1.434	0.000	22	540956	20000	18908	
17 Carbon disulfide	76	1.434	1.434	0.000	100	7039180	500.0	515.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.443	-0.001	95	2065791	500.0	676.6	
19 Iodomethane	142	1.492	1.492	0.000	99	2434947	500.0	601.4	
20 Cyclopentene	67	1.574	1.566	0.008	97	4755759	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	96	295191	400.0	484.8	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	89	1077888	500.0	480.0	
23 Isopropyl alcohol	45	1.706	1.689	0.017	93	1549218	5000.0	5337.9	
24 Methylene Chloride	84	1.714	1.714	0.000	95	2129627	500.0	513.1	
25 Acetone	58	1.747	1.739	0.008	86	1146415	2500.0	2188.4	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	95	2200322	500.0	523.4	
27 Methyl acetate	74	1.805	1.805	0.000	98	2201864	2500.0	3053.7	
28 Hexane	57	1.846	1.846	0.000	77	4027248	500.0	571.9	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	88	6817637	500.0	510.2	
* 30 TBA-d9 (IS)	65	1.895	1.887	0.008	99	426334	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	2135516	5000.0	4365.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	2.002	1.994	0.008	97	2538391	5000.0	5150.4	
33 Isopropyl ether	45	2.076	2.076	0.000	95	6850744	500.0	502.9	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	93	1876666	NC	NC	
35 1,1-Dichloroethane	63	2.142	2.134	0.008	100	3915494	500.0	503.2	
36 Acrylonitrile	53	2.175	2.167	0.008	93	9464838	5000.0	5177.7	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	62	6991093	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	960177	1000.0	1213.7	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	97	2336903	500.0	531.5	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	97	2755493	500.0	450.9	
41 Cyclohexane	56	2.595	2.595	0.000	91	3263107	500.0	601.0	
42 Chlorobromomethane	128	2.603	2.595	0.008	71	1196849	500.0	522.7	
43 Chloroform	83	2.660	2.652	0.008	98	3689692	500.0	497.7	
44 Carbon tetrachloride	117	2.743	2.743	0.000	98	2915448	500.0	552.6	
45 Ethyl acetate	70	2.751	2.751	0.000	99	578923	1000.0	1083.9	
46 Methyl acrylate	55	2.751	2.751	0.000	93	2256106	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	96	2157228	1000.0	1014.7	
$ 48 Dibromofluoromethane (Surr	113	2.784	2.776	0.008	94	173782	50.0	48.0	
49 1,1,1-Trichloroethane	97	2.792	2.784	0.008	99	3182579	500.0	508.4	
* 50 2-Butanone-d5	46	2.841	2.833	0.008	94	469851	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.875	-0.001	100	1711354	2500.0	2456.3	
52 1,1-Dichloropropene	75	2.883	2.875	0.008	94	2910781	500.0	443.7	
53 Isooctane	57	2.965	2.965	0.000	98	4603703	NC	NC	
54 n-Heptane	57	3.055	3.056	-0.001	55	1204043	500.0	553.7	
55 Benzene	78	3.055	3.056	-0.001	97	8642091	500.0	474.9	
56 Propionitrile	54	3.105	3.072	0.033	94	3731170	NC	NC	
57 Methacrylonitrile	67	3.113	3.089	0.025	90	11079479	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.171	3.154	0.017	94	235478	50.0	51.7	
59 Tert-amyl methyl ether	73	3.171	3.163	0.008	98	6647258	NC	NC	
60 1,2-Dichloroethane	62	3.220	3.212	0.008	97	3166904	500.0	478.9	
61 Isobutyl alcohol	43	3.302	3.286	0.016	98	3276922	NC	NC	
62 t-Amyl alcohol	59	3.368	3.352	0.016	96	2240381	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	695804	50.0	50.0	
65 Isopropyl acetate	43	3.459	3.451	0.008	99	4817476	500.0	497.8	
66 Methylcyclohexane	83	3.516	3.508	0.008	95	3278794	500.0	610.2	
67 Trichloroethene	95	3.533	3.525	0.008	97	2267623	500.0	515.8	
68 2-ethoxy-2-methyl butane	59	3.771	3.763	0.008	98	5466211	NC	NC	
69 Dibromomethane	93	3.878	3.879	-0.001	97	1473840	500.0	501.4	
70 n-Butanol	56	3.911	3.903	0.008	90	2005463	12500	14808	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	87	2233270	500.0	495.9	
72 Ethyl acrylate	55	4.051	4.043	0.008	99	3251584	500.0	528.0	
73 Dichlorobromomethane	83	4.051	4.051	0.000	98	3054623	500.0	511.3	
* 74 1,4-Dioxane-d8	96	4.249	4.232	0.017	36	58207	1000.0	1000.0	
75 Methyl methacrylate	100	4.241	4.232	0.009	90	1487619	1000.0	1062.2	
76 1,4-Dioxane	88	4.265	4.265	0.000	94	692880	10000	9995.8	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	3745666	500.0	497.0	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	96	803677	500.0	567.6	
79 cis-1,3-Dichloropropene	75	4.677	4.669	0.008	97	3903949	500.0	488.4	
$ 80 Toluene-d8 (Surr)	98	4.866	4.858	0.008	99	705025	50.0	46.6	
81 Toluene	91	4.915	4.907	0.008	94	9502796	500.0	482.0	
82 Epichlorohydrin	57	4.948	4.940	0.008	99	4349515	10000	10329	
83 2-Nitropropane	41	5.162	5.154	0.008	99	1710646	NC	NC	
84 Tetrachloroethene	166	5.335	5.327	0.008	97	2337860	500.0	502.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.393	5.368	0.025	96	13024897	2500.0	2554.2	
86 trans-1,3-Dichloropropene	75	5.417	5.401	0.016	98	3815975	500.0	504.8	
87 1,1,2-Trichloroethane	83	5.582	5.574	0.008	94	1783111	500.0	490.2	
88 Ethyl methacrylate	69	5.664	5.656	0.008	90	3319799	NC	NC	
89 Chlorodibromomethane	129	5.771	5.763	0.008	98	2659775	500.0	519.5	
90 1,3-Dichloropropane	76	5.886	5.878	0.008	95	3703129	500.0	492.0	
91 Ethylene Dibromide	107	6.010	6.002	0.008	98	2329188	500.0	518.6	
92 n-Butyl acetate	43	6.364	6.356	0.008	98	4236355	500.0	514.6	
93 2-Hexanone	43	6.421	6.413	0.008	95	9991102	2500.0	2634.5	
* 94 Chlorobenzene-d5	117	6.693	6.685	0.008	88	678179	50.0	50.0	
95 Chlorobenzene	112	6.718	6.701	0.017	95	6567516	500.0	508.4	
96 Ethylbenzene	106	6.808	6.792	0.016	99	3654222	500.0	532.0	
97 1,1,1,2-Tetrachloroethane	131	6.833	6.817	0.016	95	2536997	500.0	535.4	
98 m-Xylene & p-Xylene	106	7.014	6.998	0.016	96	4459234	500.0	536.5	
99 o-Xylene	106	7.590	7.582	0.008	94	4469307	500.0	536.6	
100 Bromoform	173	7.656	7.640	0.016	95	2087256	500.0	569.2	
101 Styrene	104	7.681	7.664	0.017	95	7644828	500.0	554.2	
102 n-Butyl acrylate	73	8.010	8.002	0.008	98	2094566	500.0	571.8	
103 Isopropylbenzene	105	8.076	8.059	0.017	96	11079023	500.0	535.9	
104 Amyl acetate (mixed isomer	43	8.421	8.413	0.008	90	5108896	500.0	486.7	
$ 105 4-Bromofluorobenzene	174	8.438	8.430	0.008	92	282146	50.0	53.0	
106 Bromobenzene	156	8.545	8.528	0.017	94	3145275	500.0	519.9	
107 N-Propylbenzene	91	8.709	8.693	0.016	99	12948071	500.0	508.2	
108 1,1,2,2-Tetrachloroethane	83	8.857	8.833	0.024	96	3255691	500.0	519.7	
109 2-Chlorotoluene	91	8.874	8.858	0.016	98	9279952	500.0	530.9	
110 4-Ethyltoluene	105	8.899	8.882	0.017	98	11181059	NC	NC	
111 1,2,3-Trichloropropane	110	8.981	8.965	0.016	97	975186	500.0	461.4	
112 1,3,5-Trimethylbenzene	105	9.063	9.039	0.024	94	9607329	500.0	520.9	
113 trans-1,4-Dichloro-2-buten	53	9.104	9.088	0.016	92	1185546	NC	NC	
114 4-Chlorotoluene	91	9.145	9.121	0.024	96	8700539	500.0	527.0	
115 tert-Butylbenzene	119	9.516	9.499	0.017	95	8164613	500.0	521.8	
116 1,2,4-Trimethylbenzene	105	9.639	9.623	0.016	97	10428437	500.0	532.9	
117 Butyl Methacrylate	87	9.656	9.639	0.017	93	4001936	500.0	550.6	
118 sec-Butylbenzene	105	9.804	9.787	0.017	98	11677802	500.0	516.3	
119 1,3-Dichlorobenzene	146	10.051	10.034	0.017	96	5972008	500.0	528.9	
120 4-Isopropyltoluene	119	10.092	10.067	0.025	97	10786740	500.0	515.2	
* 121 1,4-Dichlorobenzene-d4	152	10.191	10.174	0.017	96	444106	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.215	10.191	0.024	95	6108308	500.0	505.2	
123 2,3-Dihydroindene	117	10.495	10.471	0.024	95	10279941	NC	NC	
124 Benzyl chloride	126	10.660	10.643	0.017	99	1406434	500.0	519.2	
125 p-Diethylbenzene	119	10.693	10.676	0.017	94	5863638	NC	NC	
126 n-Butylbenzene	91	10.775	10.759	0.016	98	9158855	500.0	490.4	
127 1,2-Dichlorobenzene	146	10.874	10.857	0.017	96	5900731	500.0	509.9	
128 1,2,4,5-Tetramethylbenzene	119	11.795	11.779	0.016	98	9915572	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.902	11.894	0.008	94	857123	500.0	508.7	
130 1,3,5-Trichlorobenzene	180	11.952	11.935	0.017	98	4324127	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	4551124	500.0	517.5	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	94	1405182	500.0	492.3	
133 Naphthalene	128	12.692	12.693	-0.001	95	8599823	500.0	389.8	e
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	96	4052411	500.0	494.9	
S 135 1,2-Dichloroethene, Total	100				0		1000.0	1054.9	
S 136 1,3-Dichloropropene, Total	100				0		1000.0	993.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	1073.1	
S 138 Total BTEX	1				0		2500.0	2562.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

e - Potential Peak Saturated

Reagents:

MIX I Hi_00062	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00048	Amount Added:	50.00	Units: uL	
ACROLEIN W_00056	Amount Added:	40.00	Units: uL	
GAS Hi_00167	Amount Added:	50.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

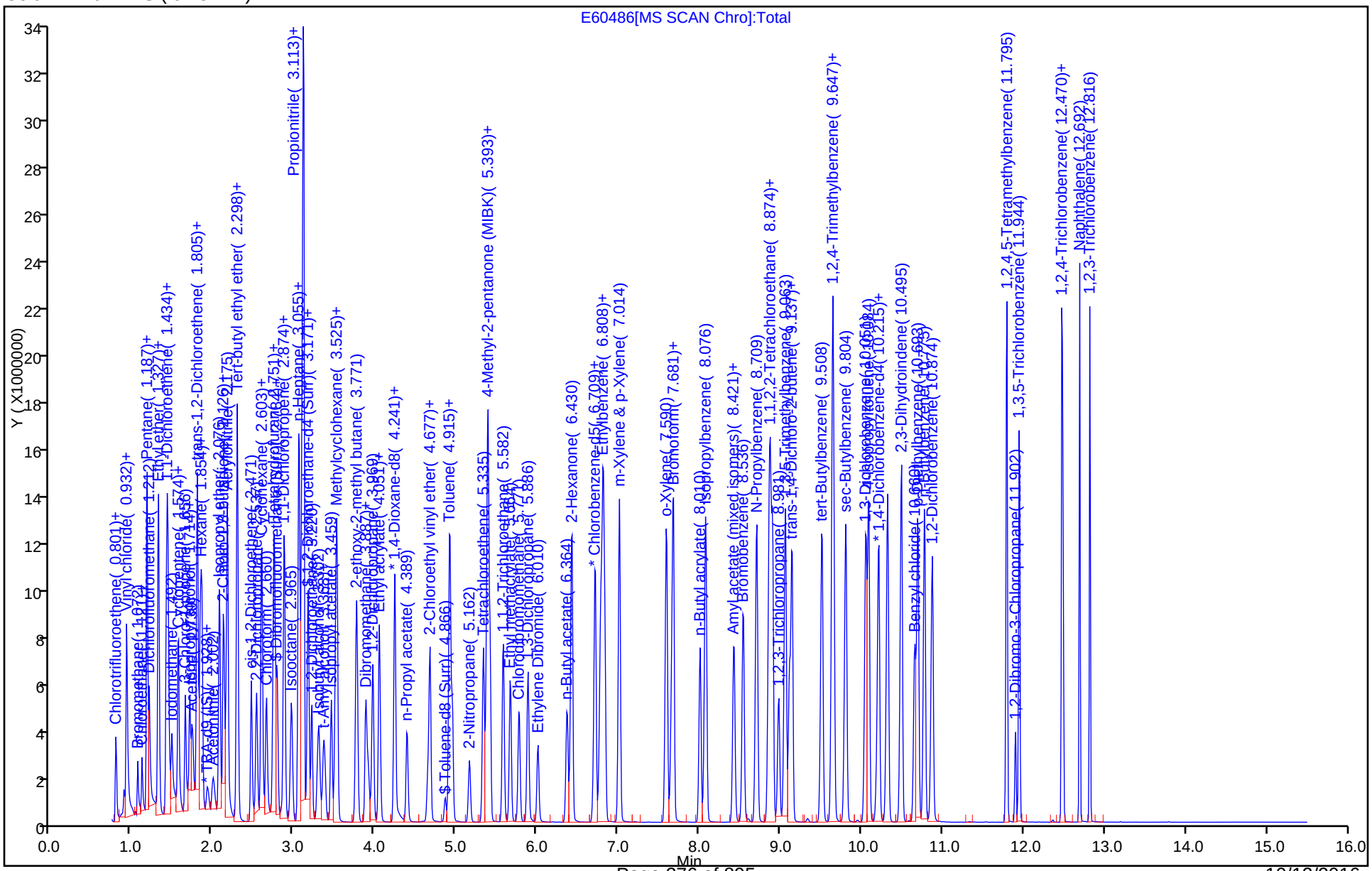
Report Date: 04-Oct-2016 18:20:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60486.D

Injection Date:	01-Oct-2016 18:27:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2016 22:47:30 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0046290-014
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 04-Oct-2016 18:21:05 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: desais Date: 02-Oct-2016 10:52:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	87	493	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	96	2875	1.00	1.05	M
3 Vinyl chloride	62	0.924	0.924	0.000	79	3697	1.00	1.18	
4 Butadiene	54	0.932	0.932	0.000	87	2792	NC	NC	
5 Chloromethane	50	0.932	0.941	-0.009	79	4627	1.00	1.06	
6 Bromomethane	94	1.072	1.072	0.000	92	1930	1.00	0.9385	
8 Chloroethane	64	1.122	1.122	0.000	96	2905	1.00	0.9502	
9 Pentane	72	1.179	1.179	0.000	97	1648	2.00	3.14	M
10 Trichlorofluoromethane	101	1.187	1.187	0.000	93	7002	1.00	1.45	M
11 Dichlorofluoromethane	67	1.212	1.212	0.000	98	7417	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	92	4306	1.00	0.9539	
13 Ethyl ether	59	1.335	1.336	-0.001	96	2931	1.00	1.01	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	79	3254	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	94	3086	1.00	1.16	
14 Ethanol	46	1.434	1.434	0.000	28	1659	40.0	64.4	M
17 Carbon disulfide	76	1.434	1.434	0.000	99	11271	1.00	1.19	
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.443	-0.001	91	2374	1.00	1.13	
19 Iodomethane	142	1.492	1.492	0.000	99	4044	1.00	1.45	
20 Cyclopentene	67	1.566	1.566	0.000	97	7131	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	1890	4.00	3.45	
22 3-Chloro-1-propene	76	1.656	1.657	-0.001	86	1713	1.00	1.10	
23 Isopropyl alcohol	45	1.681	1.689	-0.008	97	2937	10.0	11.2	
24 Methylene Chloride	84	1.714	1.714	0.000	98	3186	1.00	1.11	
25 Acetone	58	1.747	1.739	0.008	88	2677	5.00	6.60	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	94	3598	1.00	1.24	
27 Methyl acetate	74	1.805	1.805	0.000	99	3233	5.00	4.98	
28 Hexane	57	1.846	1.846	0.000	84	5621	1.00	1.16	M
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	90	9730	1.00	1.05	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	383729	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	95	6094	10.0	13.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	95	5871	10.0	13.2	
33 Isopropyl ether	45	2.076	2.076	0.000	94	9256	1.00	0.9833	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	97	2546	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	98	5370	1.00	1.00	
36 Acrylonitrile	53	2.167	2.167	0.000	95	12364	10.0	9.79	
37 Tert-butyl ethyl ether	59	2.298	2.298	0.000	84	9663	NC	NC	
38 Vinyl acetate	86	2.307	2.298	0.009	98	629	2.00	1.15	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	95	2859	1.00	0.9409	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	95	4394	1.00	1.04	
41 Cyclohexane	56	2.595	2.595	0.000	88	3889	1.00	1.04	
42 Chlorobromomethane	128	2.603	2.595	0.008	88	1484	1.00	0.9379	
43 Chloroform	83	2.652	2.652	0.000	94	5497	1.00	1.07	
44 Carbon tetrachloride	117	2.735	2.743	-0.008	94	3866	1.00	1.06	
45 Ethyl acetate	70	2.751	2.751	0.000	96	749	2.00	1.81	
46 Methyl acrylate	55	2.759	2.751	0.008	46	2656	NC	NC	
47 Tetrahydrofuran	42	2.767	2.759	0.008	45	3051	2.00	1.85	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	121201	50.0	48.5	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	36	4644	1.00	1.07	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	364056	250.0	250.0	
51 2-Butanone (MEK)	72	2.874	2.875	-0.001	67	2900	5.00	5.37	
52 1,1-Dichloropropene	75	2.874	2.875	-0.001	73	6221	1.00	1.37	M
53 Isooctane	57	2.957	2.965	-0.008	96	6635	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	52	1837	1.00	1.22	
55 Benzene	78	3.056	3.056	0.000	97	12187	1.00	1.04	
56 Propionitrile	54	3.088	3.072	0.016	38	5217	NC	NC	
57 Methacrylonitrile	67	3.097	3.089	0.009	94	13331	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	157027	50.0	49.8	
59 Tert-amyl methyl ether	73	3.171	3.163	0.008	96	8741	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	95	5358	1.00	1.17	
61 Isobutyl alcohol	43	3.286	3.286	0.000	94	3988	NC	NC	
62 t-Amyl alcohol	59	3.360	3.352	0.008	21	3389	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	480858	50.0	50.0	
65 Isopropyl acetate	43	3.459	3.451	0.008	96	6541	1.00	0.9779	
66 Methylcyclohexane	83	3.508	3.508	0.000	95	4070	1.00	1.10	
67 Trichloroethene	95	3.525	3.525	0.000	95	3357	1.00	1.10	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	95	7241	NC	NC	
69 Dibromomethane	93	3.887	3.879	0.008	94	2317	1.00	1.14	
70 n-Butanol	56	3.920	3.903	0.017	80	3151	25.0	25.9	
71 1,2-Dichloropropane	63	3.969	3.969	0.000	83	3600	1.00	1.16	
72 Ethyl acrylate	55	4.060	4.043	0.017	65	4046	1.00	0.9507	
73 Dichlorobromomethane	83	4.051	4.051	0.000	97	4361	1.00	1.06	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	94	40539	1000.0	1000.0	
75 Methyl methacrylate	100	4.241	4.232	0.009	75	1791	2.00	1.85	
76 1,4-Dioxane	88	4.274	4.265	0.009	50	2521	50.0	52.2	
77 n-Propyl acetate	43	4.397	4.389	0.008	98	5387	1.00	1.03	
78 2-Chloroethyl vinyl ether	63	4.652	4.644	0.008	56	1198	1.00	1.22	
79 cis-1,3-Dichloropropene	75	4.677	4.669	0.008	95	5382	1.00	1.04	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	478040	50.0	48.9	
81 Toluene	91	4.915	4.907	0.008	93	13338	1.00	1.05	
82 Epichlorohydrin	57	4.948	4.940	0.008	97	6108	20.0	18.7	
83 2-Nitropropane	41	5.162	5.154	0.008	99	2816	NC	NC	
84 Tetrachloroethene	166	5.335	5.327	0.008	92	3132	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.376	5.368	0.008	97	19799	5.00	5.01	
86 trans-1,3-Dichloropropene	75	5.417	5.401	0.016	94	4597	1.00	0.9414	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	86	2314	1.00	0.9848	
88 Ethyl methacrylate	69	5.664	5.656	0.008	94	3273	NC	NC	
89 Chlorodibromomethane	129	5.771	5.763	0.008	95	3356	1.00	1.01	
90 1,3-Dichloropropane	76	5.887	5.878	0.009	97	4695	1.00	0.9657	
91 Ethylene Dibromide	107	6.018	6.002	0.016	98	2564	1.00	0.8838	
92 n-Butyl acetate	43	6.364	6.356	0.008	95	4786	1.00	0.9000	
93 2-Hexanone	43	6.421	6.413	0.008	98	14050	5.00	4.78	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	88	438061	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	92	8487	1.00	1.02	
96 Ethylbenzene	106	6.792	6.792	0.000	99	4515	1.00	1.02	
97 1,1,1,2-Tetrachloroethane	131	6.808	6.817	-0.009	90	2943	1.00	0.9615	
98 m-Xylene & p-Xylene	106	7.006	6.998	0.008	97	5000	1.00	0.9314	
99 o-Xylene	106	7.590	7.582	0.008	93	4950	1.00	0.9201	
100 Bromoform	173	7.648	7.640	0.008	92	2330	1.00	0.9837	
101 Styrene	104	7.672	7.664	0.008	95	7797	1.00	0.8751	
102 n-Butyl acrylate	73	8.010	8.002	0.008	97	1783	1.00	0.7536	
103 Isopropylbenzene	105	8.067	8.059	0.008	96	13219	1.00	0.9899	
104 Amyl acetate (mixed isomer	43	8.421	8.413	0.008	38	6708	1.00	1.08	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	89	156941	50.0	45.6	
106 Bromobenzene	156	8.536	8.528	0.008	95	3581	1.00	1.00	
107 N-Propylbenzene	91	8.693	8.693	0.000	98	15880	1.00	1.06	
108 1,1,2,2-Tetrachloroethane	83	8.849	8.833	0.016	95	3806	1.00	1.03	
109 2-Chlorotoluene	91	8.857	8.858	-0.001	98	10261	1.00	1.00	
110 4-Ethyltoluene	105	8.890	8.882	0.008	97	12152	NC	NC	
111 1,2,3-Trichloropropane	110	8.981	8.965	0.016	94	1751	1.00	1.40	
112 1,3,5-Trimethylbenzene	105	9.039	9.039	-0.001	93	10416	1.00	0.9577	
113 trans-1,4-Dichloro-2-buten	53	9.129	9.088	0.041	41	703	NC	NC	
114 4-Chlorotoluene	91	9.129	9.121	0.008	98	9415	1.00	0.9670	
115 tert-Butylbenzene	119	9.499	9.499	0.000	94	9515	1.00	1.03	
116 1,2,4-Trimethylbenzene	105	9.631	9.623	0.008	96	11230	1.00	0.9731	
117 Butyl Methacrylate	87	9.639	9.639	0.000	95	4058	1.00	0.9467	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	13396	1.00	1.00	
119 1,3-Dichlorobenzene	146	10.051	10.034	0.017	94	6494	1.00	0.9753	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	97	12309	1.00	1.00	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.174	-0.008	97	261888	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	89	7626	1.00	1.07	
123 2,3-Dihydroindene	117	10.479	10.471	0.008	94	11806	NC	NC	
124 Benzyl chloride	126	10.668	10.643	0.025	90	1352	1.00	0.8464	
125 p-Diethylbenzene	119	10.684	10.676	0.008	93	7155	NC	NC	
126 n-Butylbenzene	91	10.767	10.759	0.008	97	12377	1.00	1.12	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	94	6753	1.00	0.9896	
128 1,2,4,5-Tetramethylbenzene	119	11.787	11.779	0.008	97	12782	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	88	908	1.00	0.9138	
130 1,3,5-Trichlorobenzene	180	11.944	11.935	0.009	95	5336	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.479	12.470	0.009	93	5249	1.00	1.01	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	86	2175	1.00	1.29	
133 Naphthalene	128	12.692	12.693	-0.001	99	14031	1.00	1.08	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	5269	1.00	1.09	
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.18	
S 136 1,3-Dichloropropene, Total	100				0		2.00	1.98	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	1.85	
S 138 Total BTEX	1				0		5.00	4.95	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

GAS Hi_00167	Amount Added:	1.00	Units: uL	
MIX I Hi_00062	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00048	Amount Added:	1.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
14DIOXINTER_00062	Amount Added:	30.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 04-Oct-2016 18:21:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Injection Date: 01-Oct-2016 22:47:30 Instrument ID: CVOAMS5 Operator ID:

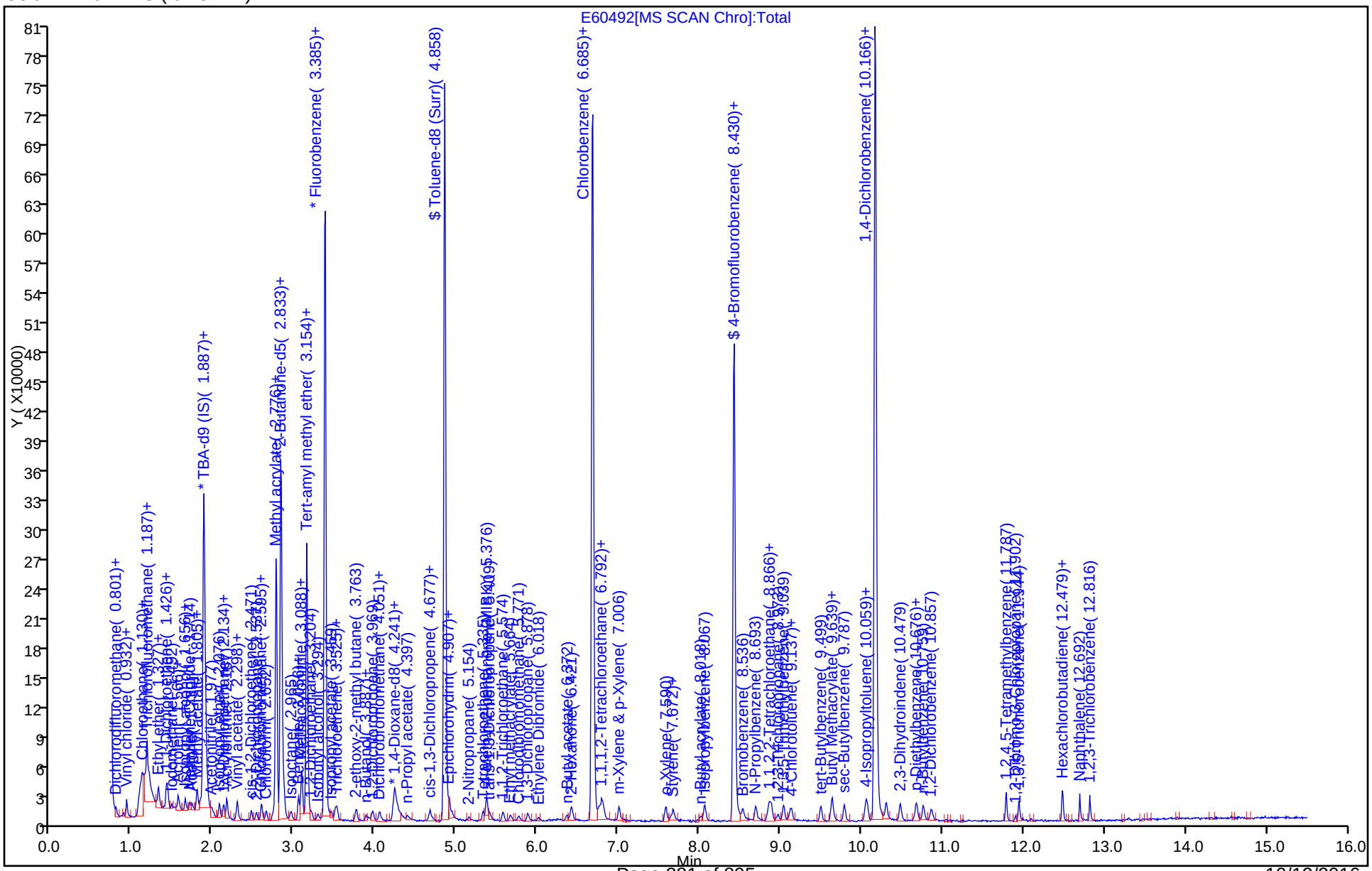
Lims ID: STD1 Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395000/3 Calibration Date: 10/05/2016 07:52

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60661.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	0.2857	0.3615		25.3	20.0	26.5	50.0
Vinyl chloride	Ave	0.3269	0.3331		20.4	20.0	1.9	96.0
Chloromethane	Ave	0.4553	0.4248	0.1000	18.7	20.0	-6.7	104.0
Bromomethane	Ave	0.2138	0.1823		17.1	20.0	-14.7	86.0
Ethyl Chloride	Ave	7.967	7.049		17.7	20.0	-11.5	62.0
n-Pentane	LinF		0.1094		80.3	40.0	100.7*	50.0
Trichlorofluoromethane	Ave	0.5024	0.9099		36.2	20.0	81.1*	52.0
Isoprene	Ave	0.4694	0.5617		23.9	20.0	19.7	50.0
Ethyl ether	Ave	0.3018	0.3180		21.1	20.0	5.4	50.0
1,1-Dichloroethene	Ave	0.2768	0.3032		21.9	20.0	9.5	49.5
Carbon disulfide	Ave	0.9814	1.049		21.4	20.0	6.8	50.0
Ethanol	Ave	0.0671	0.0540		644	800	-19.5	50.0
Freon TF	Ave	0.2194	0.3338		30.4	20.0	52.2*	50.0
Iodomethane	Ave	0.2909	0.1938		13.3	20.0	-33.4	50.0
Acrolein	Ave	1.428	0.9697		27.2	40.0	-32.1	99.0
Allyl chloride	Ave	0.1614	0.1863		23.1	20.0	15.4	50.0
Isopropanol	Ave	0.6808	0.6203		182	200	-8.9	50.0
Methylene Chloride	Ave	0.2983	0.3224		21.6	20.0	8.1	39.5
Acetone	Ave	0.2787	0.2180		78.2	100	-21.8	50.0
trans-1,2-Dichloroethene	Ave	0.3021	0.3230		21.4	20.0	6.9	30.5
Methyl acetate	Ave	1.691	1.480		87.5	100	-12.5	50.0
Hexane	Ave	0.5060	0.7140		28.2	20.0	41.1	50.0
MTBE	Ave	0.9603	1.094		22.8	20.0	13.9	50.0
TBA	Ave	1.147	1.000		174	200	-12.9	50.0
Acetonitrile	Ave	1.156	1.176		203	200	1.7	50.0
DIPE	Ave	0.9788	1.108		22.6	20.0	13.2	50.0
1,1-Dichloroethane	Ave	0.5592	0.5928	0.1000	21.2	20.0	6.0	27.5
Acrylonitrile	Ave	0.1314	0.1339		204	200	1.9	50.0
Vinyl acetate	Ave	0.0568	0.0644		45.3	40.0	13.3	50.0
cis-1,2-Dichloroethene	Ave	0.3159	0.3161		20.0	20.0	0.0	50.0
2,2-Dichloropropane	Ave	0.4391	0.4941		22.5	20.0	12.5	50.0
Bromochloromethane	Ave	0.1645	0.1553		18.9	20.0	-5.6	50.0
Cyclohexane	Ave	0.3902	0.5480		28.1	20.0	40.5	50.0
Chloroform	Ave	0.5327	0.5356		20.1	20.0	0.6	32.5
Carbon tetrachloride	Ave	0.3791	0.3954		20.9	20.0	4.3	27.0
Ethyl acetate	Ave	0.2842	0.2673		37.6	40.0	-5.9	50.0
Tetrahydrofuran	Ave	1.131	1.092		38.6	40.0	-3.4	50.0
1,1,1-Trichloroethane	Ave	0.4498	0.4753		21.1	20.0	5.7	25.0
1,1-Dichloropropene	Ave	0.4714	0.4829		20.5	20.0	2.4	50.0
2-Butanone	Ave	0.3707	0.2993		80.7	100	-19.3	50.0
n-Heptane	Ave	0.1563	0.2141		27.4	20.0	37.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395000/3 Calibration Date: 10/05/2016 07:52

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60661.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
Benzene	Ave	1.342	1.376		20.5	20.0	2.5	36.0
1,2-Dichloroethane	Ave	0.4752	0.4765		20.1	20.0	0.3	32.0
Isopropyl acetate	Ave	0.6955	0.7597		21.8	20.0	9.2	50.0
Methylcyclohexane	Ave	0.3861	0.5140		26.6	20.0	33.1	50.0
Trichloroethene	Ave	0.3159	0.3028		19.2	20.0	-4.2	33.5
Dibromomethane	Ave	0.2112	0.2108		20.0	20.0	-0.2	50.0
n-Butanol	Ave	0.3177	0.2410		379	500	-24.1	50.0
1,2-Dichloropropane	Ave	0.3236	0.3256		20.1	20.0	0.6	66.0
Bromodichloromethane	Ave	0.4293	0.4236		19.7	20.0	-1.3	34.5
Ethyl acrylate	Ave	0.4425	0.4648		21.0	20.0	5.0	50.0
Methyl methacrylate	Ave	0.1006	0.0992		39.4	40.0	-1.4	50.0
p-Dioxane	Ave	1.191	1.125		378	400	-5.5	50.0
Propyl acetate	Ave	0.5415	0.5746		21.2	20.0	6.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1018	0.1215		23.9	20.0	19.4	124.0
cis-1,3-Dichloropropene	Ave	0.5893	0.5751		19.5	20.0	-2.4	76.0
Toluene	Ave	1.454	1.455		20.0	20.0	0.0	25.5
Epichlorohydrin	Ave	0.2241	0.2169		387	400	-3.2	50.0
Tetrachloroethene	Ave	0.3432	0.3398		19.8	20.0	-1.0	26.5
4-Methyl-2-pentanone	Ave	2.713	2.571		94.8	100	-5.2	50.0
trans-1,3-Dichloropropene	Ave	0.5574	0.5512		19.8	20.0	-1.1	50.0
1,1,2-Trichloroethane	Ave	0.2682	0.2668		19.9	20.0	-0.5	29.0
Dibromochloromethane	Ave	0.3775	0.3467		18.4	20.0	-8.1	32.5
1,3-Dichloropropane	Ave	0.5549	0.5411		19.5	20.0	-2.5	50.0
1,2-Dibromoethane	Ave	0.3311	0.3081		18.6	20.0	-7.0	50.0
Butyl acetate	Ave	0.6069	0.6555		21.6	20.0	8.0	50.0
2-Hexanone	Ave	2.018	1.622		80.4	100	-19.6	50.0
Chlorobenzene	Ave	0.9525	0.9113	0.3000	19.1	20.0	-4.3	34.0
Ethylbenzene	Ave	0.5064	0.4729		18.7	20.0	-6.6	41.0
1,1,1,2-Tetrachloroethane	Ave	0.3494	0.3213		18.4	20.0	-8.0	50.0
m-Xylene & p-Xylene	Ave	0.6127	0.6106		19.9	20.0	-0.3	50.0
o-Xylene	Ave	0.6141	0.5915		19.3	20.0	-3.7	50.0
Bromoform	Ave	0.2704	0.2071	0.1000	15.3	20.0	-23.4	29.0
Styrene	Ave	1.017	0.8592		16.9	20.0	-15.5	50.0
n-Butyl acrylate	Ave	0.2701	0.2740		20.3	20.0	1.5	50.0
Isopropylbenzene	Ave	1.524	1.495		19.6	20.0	-1.9	50.0
Amyl acetate	Ave	1.182	1.366		23.1	20.0	15.6	50.0
Bromobenzene	Ave	0.6812	0.5797		17.0	20.0	-14.9	50.0
N-Propylbenzene	Ave	2.868	2.986		20.8	20.0	4.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7053	0.6528	0.3000	18.5	20.0	-7.4	39.5
2-Chlorotoluene	Ave	1.968	2.093		21.3	20.0	6.4	50.0
1,2,3-Trichloropropane	Ave	0.2380	0.1787		15.0	20.0	-24.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395000/3 Calibration Date: 10/05/2016 07:52

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60661.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
1,3,5-Trimethylbenzene	Ave	2.076	2.213		21.3	20.0	6.6	50.0
4-Chlorotoluene	Ave	1.859	1.707		18.4	20.0	-8.2	50.0
tert-Butylbenzene	Ave	1.762	1.848		21.0	20.0	4.9	50.0
1,2,4-Trimethylbenzene	Ave	2.203	2.372		21.5	20.0	7.7	50.0
Butyl Methacrylate	Ave	0.8184	0.8650		21.1	20.0	5.7	50.0
sec-Butylbenzene	Ave	2.547	2.801		22.0	20.0	10.0	50.0
1,3-Dichlorobenzene	Ave	1.271	1.013		15.9	20.0	-20.3	27.0
p-Isopropyltoluene	Ave	2.357	2.271		19.3	20.0	-3.7	50.0
1,4-Dichlorobenzene	Ave	1.361	1.257		18.5	20.0	-7.7	37.0
Benzyl chloride	Ave	0.3050	0.2972		19.5	20.0	-2.5	50.0
n-Butylbenzene	Ave	2.102	2.361		22.5	20.0	12.3	50.0
1,2-Dichlorobenzene	Ave	1.303	1.258		19.3	20.0	-3.4	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.1897	0.1699		17.9	20.0	-10.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9901	0.9324		18.8	20.0	-5.8	50.0
Hexachlorobutadiene	Ave	0.3214	0.2792		17.4	20.0	-13.1	50.0
Naphthalene	Ave	2.484	2.514		20.2	20.0	1.2	50.0
1,2,3-Trichlorobenzene	Ave	0.9218	0.8379		18.2	20.0	-9.1	50.0
Dibromofluoromethane (Surr)	Ave	0.2600	0.2614		50.3	50.0	0.5	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3276	0.3418		52.2	50.0	4.3	
Toluene-d8 (Surr)	Ave	1.116	1.137		50.9	50.0	1.9	
Bromofluorobenzene	Ave	0.3928	0.3728		47.4	50.0	-5.1	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60661.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Oct-2016 07:52:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0046448-003
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 10:07:49 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 05-Oct-2016 08:17:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	12693	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	105252	20.0	25.3	
3 Vinyl chloride	62	0.924	0.924	0.000	98	96987	20.0	20.4	
4 Butadiene	54	0.932	0.932	0.000	91	82489	NC	NC	
5 Chloromethane	50	0.941	0.941	0.000	98	123689	20.0	18.7	
6 Bromomethane	94	1.072	1.072	0.000	98	53089	20.0	17.1	
8 Chloroethane	64	1.122	1.122	0.000	99	88283	20.0	17.7	
9 Pentane	72	1.188	1.188	0.000	96	63726	40.0	80.3	
10 Trichlorofluoromethane	101	1.188	1.188	0.000	67	264956	20.0	36.2	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	239718	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	96	163551	20.0	23.9	
13 Ethyl ether	59	1.336	1.336	0.000	94	92607	20.0	21.1	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	97	88279	20.0	21.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	84	125465	NC	NC	
14 Ethanol	46	1.434	1.434	0.000	25	27049	800.0	643.7	
17 Carbon disulfide	76	1.434	1.434	0.000	99	305338	20.0	21.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	97	97209	20.0	30.4	
19 Iodomethane	142	1.492	1.492	0.000	98	56434	20.0	13.3	
20 Cyclopentene	67	1.566	1.566	0.000	96	244693	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	96	24289	40.0	27.2	
22 3-Chloro-1-propene	76	1.657	1.657	0.000	86	54244	20.0	23.1	
23 Isopropyl alcohol	45	1.690	1.690	0.000	97	77681	200.0	182.2	
24 Methylene Chloride	84	1.714	1.714	0.000	98	93877	20.0	21.6	
25 Acetone	58	1.739	1.739	0.000	84	49073	100.0	78.2	
26 trans-1,2-Dichloroethene	96	1.797	1.797	0.000	96	94052	20.0	21.4	
27 Methyl acetate	74	1.805	1.805	0.000	100	92665	100.0	87.5	
28 Hexane	57	1.838	1.838	0.000	84	207897	20.0	28.2	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	91	318451	20.0	22.8	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	97	626190	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	97	125216	200.0	174.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	99	147251	200.0	203.4	
33 Isopropyl ether	45	2.076	2.076	0.000	95	322634	20.0	22.6	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	81135	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	172627	20.0	21.2	
36 Acrylonitrile	53	2.167	2.167	0.000	92	389840	200.0	203.8	
37 Tert-butyl ethyl ether	59	2.290	2.290	0.000	89	312354	NC	NC	
38 Vinyl acetate	86	2.299	2.299	0.000	99	37508	40.0	45.3	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	94	92050	20.0	20.0	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	93	143871	20.0	22.5	
41 Cyclohexane	56	2.595	2.595	0.000	94	159580	20.0	28.1	
42 Chlorobromomethane	128	2.595	2.595	0.000	75	45213	20.0	18.9	
43 Chloroform	83	2.652	2.652	0.000	97	155972	20.0	20.1	
44 Carbon tetrachloride	117	2.743	2.743	0.000	95	115145	20.0	20.9	
45 Ethyl acetate	70	2.751	2.751	0.000	98	24068	40.0	37.6	
46 Methyl acrylate	55	2.751	2.751	0.000	53	98736	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	92	98361	40.0	38.6	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	190317	50.0	50.3	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	138402	20.0	21.1	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	562738	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.875	0.000	98	67360	100.0	80.7	
52 1,1-Dichloropropene	75	2.875	2.875	0.000	92	140607	20.0	20.5	
53 Isooctane	57	2.965	2.965	0.000	97	241779	NC	NC	
54 n-Heptane	57	3.047	3.047	0.000	59	62338	20.0	27.4	
55 Benzene	78	3.056	3.056	0.000	97	359410	20.0	20.5	
56 Propionitrile	54	3.072	3.072	0.000	99	151096	NC	NC	
57 Methacrylonitrile	67	3.089	3.089	0.000	94	448765	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	248819	50.0	52.2	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	287312	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	138741	20.0	20.1	
61 Isobutyl alcohol	43	3.286	3.286	0.000	99	128655	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	96	91323	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	727972	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	221213	20.0	21.8	
66 Methylcyclohexane	83	3.508	3.508	0.000	93	149673	20.0	26.6	
67 Trichloroethene	95	3.525	3.525	0.000	96	88160	20.0	19.2	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	97	241420	NC	NC	
69 Dibromomethane	93	3.879	3.879	0.000	95	61388	20.0	20.0	
70 n-Butanol	56	3.895	3.895	0.000	93	75450	500.0	379.3	
71 1,2-Dichloropropane	63	3.961	3.961	0.000	85	94803	20.0	20.1	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	135351	20.0	21.0	
73 Dichlorobromomethane	83	4.043	4.043	0.000	96	123349	20.0	19.7	
75 Methyl methacrylate	100	4.233	4.233	0.000	93	57789	40.0	39.4	
* 74 1,4-Dioxane-d8	96	4.233	4.233	0.000	67	58883	1000.0	1000.0	
76 1,4-Dioxane	88	4.265	4.265	0.000	95	26497	400.0	377.9	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	167304	20.0	21.2	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	95	35389	20.0	23.9	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	150246	20.0	19.5	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	742684	50.0	50.9	
81 Toluene	91	4.907	4.907	0.000	93	380160	20.0	20.0	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	195314	400.0	387.3	
83 2-Nitropropane	41	5.154	5.154	0.000	99	74285	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	95	88774	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	98	578738	100.0	94.8	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	96	144017	20.0	19.8	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	93	69705	20.0	19.9	
88 Ethyl methacrylate	69	5.656	5.656	0.000	91	120694	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	97	90590	20.0	18.4	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	141370	20.0	19.5	
91 Ethylene Dibromide	107	6.002	6.002	0.000	97	80499	20.0	18.6	
92 n-Butyl acetate	43	6.356	6.356	0.000	98	171264	20.0	21.6	
93 2-Hexanone	43	6.413	6.413	0.000	96	365081	100.0	80.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	653183	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	95	238087	20.0	19.1	
96 Ethylbenzene	106	6.784	6.784	0.000	99	123552	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	93	83935	20.0	18.4	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	98	159544	20.0	19.9	
99 o-Xylene	106	7.582	7.582	0.000	94	154553	20.0	19.3	
100 Bromoform	173	7.640	7.640	0.000	92	54098	20.0	15.3	
101 Styrene	104	7.664	7.664	0.000	94	224479	20.0	16.9	
102 n-Butyl acrylate	73	7.993	7.993	0.000	99	71589	20.0	20.3	
103 Isopropylbenzene	105	8.059	8.059	0.000	96	390681	20.0	19.6	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	89	207162	20.0	23.1	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	89	243483	50.0	47.4	
106 Bromobenzene	156	8.537	8.537	0.000	94	87912	20.0	17.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	98	452768	20.0	20.8	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.833	0.000	96	98985	20.0	18.5	
109 2-Chlorotoluene	91	8.858	8.858	0.000	97	317383	20.0	21.3	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	400583	NC	NC	
111 1,2,3-Trichloropropane	110	8.956	8.956	0.000	96	27092	20.0	15.0	
112 1,3,5-Trimethylbenzene	105	9.030	9.030	0.000	92	335578	20.0	21.3	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.096	0.000	86	35953	NC	NC	
114 4-Chlorotoluene	91	9.113	9.113	0.000	98	258848	20.0	18.4	
115 tert-Butylbenzene	119	9.500	9.500	0.000	94	280257	20.0	21.0	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	98	359732	20.0	21.5	
117 Butyl Methacrylate	87	9.639	9.639	0.000	98	131163	20.0	21.1	
118 sec-Butylbenzene	105	9.788	9.788	0.000	98	424768	20.0	22.0	
119 1,3-Dichlorobenzene	146	10.043	10.043	0.000	97	153565	20.0	15.9	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	344328	20.0	19.3	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	379104	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	94	190551	20.0	18.5	
123 2,3-Dihydroindene	117	10.471	10.471	0.000	94	342309	NC	NC	
124 Benzyl chloride	126	10.652	10.652	0.000	97	45070	20.0	19.5	
125 p-Diethylbenzene	119	10.676	10.676	0.000	93	196824	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	357980	20.0	22.5	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	95	190837	20.0	19.3	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	97	381093	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	93	25759	20.0	17.9	
130 1,3,5-Trichlorobenzene	180	11.936	11.936	0.000	96	147599	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	141394	20.0	18.8	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	87	42332	20.0	17.4	
133 Naphthalene	128	12.693	12.693	0.000	99	381161	20.0	20.2	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	127059	20.0	18.2	
S 135 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00174	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 10:07:50 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60661.D

Injection Date: 05-Oct-2016 07:52:30 Instrument ID: CVOAMS5 Operator ID:

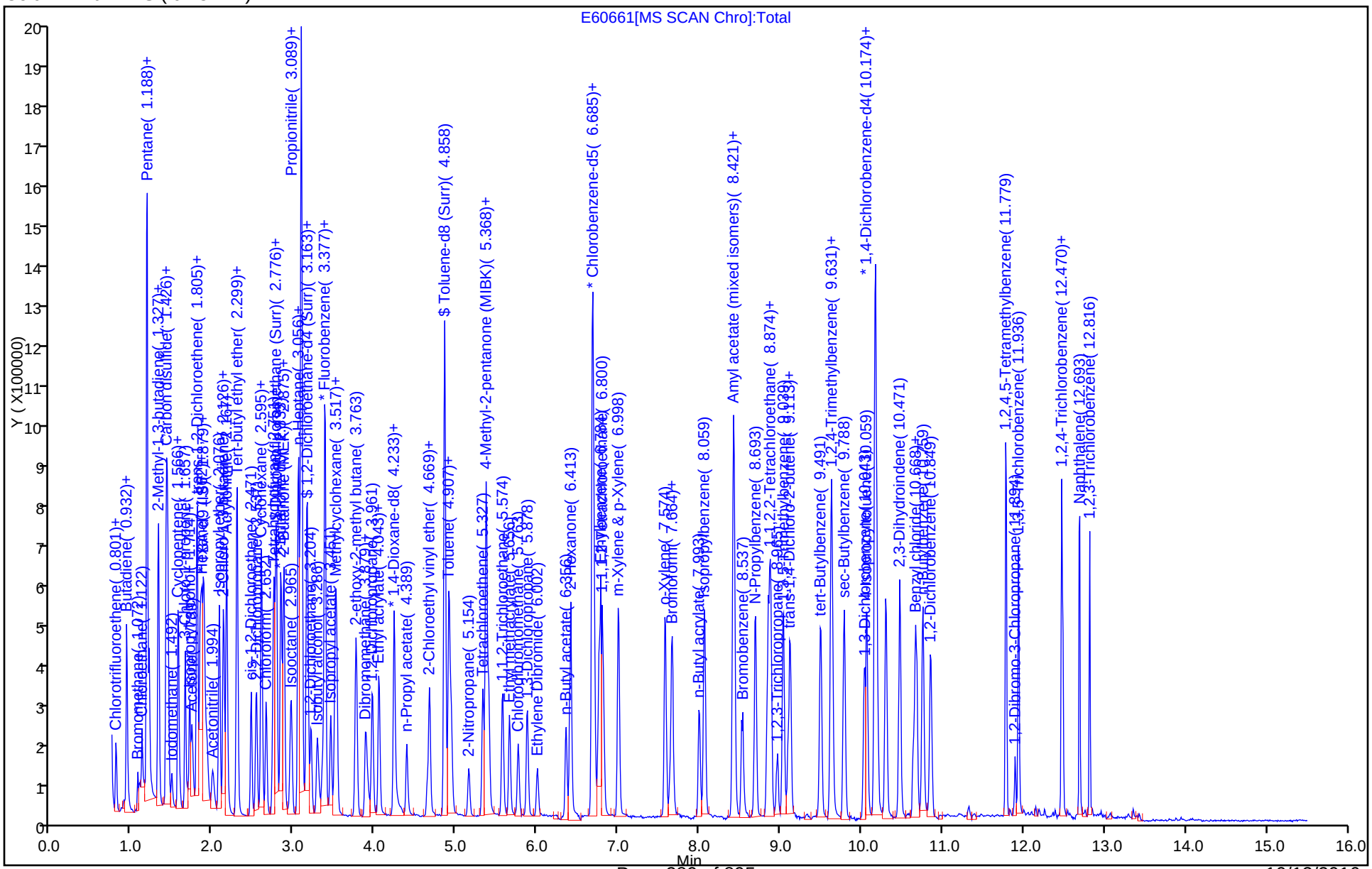
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395281/3 Calibration Date: 10/06/2016 06:52

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60712.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	0.2857	0.3338		23.4	20.0	16.8	50.0
Vinyl chloride	Ave	0.3269	0.3333		20.4	20.0	1.9	96.0
Chloromethane	Ave	0.4553	0.4365	0.1000	19.2	20.0	-4.1	104.0
Bromomethane	Ave	0.2138	0.1998		18.7	20.0	-6.6	86.0
Ethyl Chloride	Ave	7.967	7.529		18.9	20.0	-5.5	62.0
n-Pentane	LinF		0.1177		86.4	40.0	116.0*	50.0
Trichlorofluoromethane	Ave	0.5024	0.9542		38.0	20.0	90.0*	52.0
Isoprene	Ave	0.4694	0.6001		25.6	20.0	27.9	50.0
Ethyl ether	Ave	0.3018	0.3556		23.6	20.0	17.8	50.0
1,1-Dichloroethene	Ave	0.2768	0.3161		22.8	20.0	14.2	49.5
Carbon disulfide	Ave	0.9814	1.115		22.7	20.0	13.6	50.0
Ethanol	Ave	0.0671	0.0539		643	800	-19.7	50.0
Freon TF	Ave	0.2194	0.3483		31.8	20.0	58.8*	50.0
Iodomethane	Ave	0.2909	0.1939		13.3	20.0	-33.4	50.0
Acrolein	Ave	1.428	1.111		31.1	40.0	-22.2	99.0
Allyl chloride	Ave	0.1614	0.1929		23.9	20.0	19.5	50.0
Isopropanol	Ave	0.6808	0.6288		185	200	-7.6	50.0
Methylene Chloride	Ave	0.2983	0.3593		24.1	20.0	20.5	39.5
Acetone	Ave	0.2787	0.2223		79.8	100	-20.2	50.0
trans-1,2-Dichloroethene	Ave	0.3021	0.3347		22.2	20.0	10.8	30.5
Methyl acetate	Ave	1.691	1.495		88.4	100	-11.6	50.0
Hexane	Ave	0.5060	0.7549		29.8	20.0	49.2	50.0
MTBE	Ave	0.9603	1.135		23.6	20.0	18.2	50.0
TBA	Ave	1.147	1.018		178	200	-11.2	50.0
Acetonitrile	Ave	1.156	1.061		184	200	-8.2	50.0
DIPE	Ave	0.9788	1.191		24.3	20.0	21.7	50.0
1,1-Dichloroethane	Ave	0.5592	0.6212	0.1000	22.2	20.0	11.1	27.5
Acrylonitrile	Ave	0.1314	0.1469		224	200	11.8	50.0
Vinyl acetate	Ave	0.0568	0.0736		51.8	40.0	29.5	50.0
cis-1,2-Dichloroethene	Ave	0.3159	0.3218		20.4	20.0	1.9	50.0
2,2-Dichloropropane	Ave	0.4391	0.5156		23.5	20.0	17.4	50.0
Bromochloromethane	Ave	0.1645	0.1595		19.4	20.0	-3.1	50.0
Cyclohexane	Ave	0.3902	0.5749		29.5	20.0	47.3	50.0
Chloroform	Ave	0.5327	0.5536		20.8	20.0	3.9	32.5
Carbon tetrachloride	Ave	0.3791	0.3925		20.7	20.0	3.5	27.0
Ethyl acetate	Ave	0.2842	0.2582		36.3	40.0	-9.1	50.0
Tetrahydrofuran	Ave	1.131	1.133		40.1	40.0	0.2	50.0
1,1,1-Trichloroethane	Ave	0.4498	0.4838		21.5	20.0	7.6	25.0
2-Butanone	Ave	0.3707	0.3265		88.1	100	-11.9	50.0
1,1-Dichloropropene	Ave	0.4714	0.4942		21.0	20.0	4.8	50.0
Benzene	Ave	1.342	1.442		21.5	20.0	7.5	36.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395281/3 Calibration Date: 10/06/2016 06:52

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60712.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
n-Heptane	Ave	0.1563	0.2201		28.2	20.0	40.8	50.0
1,2-Dichloroethane	Ave	0.4752	0.4907		20.7	20.0	3.3	32.0
Isopropyl acetate	Ave	0.6955	0.8130		23.4	20.0	16.9	50.0
Methylcyclohexane	Ave	0.3861	0.5209		27.0	20.0	34.9	50.0
Trichloroethene	Ave	0.3159	0.3121		19.8	20.0	-1.2	33.5
Dibromomethane	Ave	0.2112	0.2185		20.7	20.0	3.5	50.0
n-Butanol	Ave	0.3177	0.2399		378	500	-24.5	50.0
1,2-Dichloropropane	Ave	0.3236	0.3348		20.7	20.0	3.5	66.0
Bromodichloromethane	Ave	0.4293	0.4268		19.9	20.0	-0.6	34.5
Ethyl acrylate	Ave	0.4425	0.4934		22.3	20.0	11.5	50.0
Methyl methacrylate	Ave	0.1006	0.1015		40.4	40.0	0.9	50.0
p-Dioxane	Ave	1.191	1.115		375	400	-6.4	50.0
Propyl acetate	Ave	0.5415	0.6036		22.3	20.0	11.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1018	0.1129		22.2	20.0	11.0	124.0
cis-1,3-Dichloropropene	Ave	0.5893	0.5939		20.2	20.0	0.8	76.0
Toluene	Ave	1.454	1.496		20.6	20.0	2.9	25.5
Epichlorohydrin	Ave	0.2241	0.2169		387	400	-3.2	50.0
Tetrachloroethene	Ave	0.3432	0.3290		19.2	20.0	-4.1	26.5
4-Methyl-2-pentanone	Ave	2.713	2.598		95.8	100	-4.2	50.0
trans-1,3-Dichloropropene	Ave	0.5574	0.5630		20.2	20.0	1.0	50.0
1,1,2-Trichloroethane	Ave	0.2682	0.2710		20.2	20.0	1.0	29.0
Dibromochloromethane	Ave	0.3775	0.3378		17.9	20.0	-10.5	32.5
1,3-Dichloropropane	Ave	0.5549	0.5836		21.0	20.0	5.2	50.0
1,2-Dibromoethane	Ave	0.3311	0.3156		19.1	20.0	-4.7	50.0
Butyl acetate	Ave	0.6069	0.6972		23.0	20.0	14.9	50.0
2-Hexanone	Ave	2.018	1.844		91.4	100	-8.6	50.0
Chlorobenzene	Ave	0.9525	0.9293	0.3000	19.5	20.0	-2.4	34.0
Ethylbenzene	Ave	0.5064	0.5033		19.9	20.0	-0.6	41.0
1,1,1,2-Tetrachloroethane	Ave	0.3494	0.3174		18.2	20.0	-9.1	50.0
m-Xylene & p-Xylene	Ave	0.6127	0.6129		20.0	20.0	0.0	50.0
o-Xylene	Ave	0.6141	0.5700		18.6	20.0	-7.2	50.0
Bromoform	Ave	0.2704	0.2113	0.1000	15.6	20.0	-21.8	29.0
Styrene	Ave	1.017	0.9269		18.2	20.0	-8.9	50.0
n-Butyl acrylate	Ave	0.2701	0.2663		19.7	20.0	-1.4	50.0
Isopropylbenzene	Ave	1.524	1.552		20.4	20.0	1.8	50.0
Amyl acetate	Ave	1.182	1.450		24.5	20.0	22.7	50.0
Bromobenzene	Ave	0.6812	0.6682		19.6	20.0	-1.9	50.0
N-Propylbenzene	Ave	2.868	3.292		23.0	20.0	14.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7053	0.7667	0.3000	21.7	20.0	8.7	39.5
2-Chlorotoluene	Ave	1.968	2.126		21.6	20.0	8.0	50.0
1,2,3-Trichloropropane	Ave	0.2380	0.2300		19.3	20.0	-3.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395281/3 Calibration Date: 10/06/2016 06:52

Instrument ID: CVOAMS5 Calib Start Date: 10/01/2016 15:43

GC Column: Rtx-VMS ID: 0.18(mm) Calib End Date: 10/01/2016 22:47

Lab File ID: E60712.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
1,3,5-Trimethylbenzene	Ave	2.076	2.203		21.2	20.0	6.1	50.0
4-Chlorotoluene	Ave	1.859	1.980		21.3	20.0	6.5	50.0
tert-Butylbenzene	Ave	1.762	1.888		21.4	20.0	7.2	50.0
1,2,4-Trimethylbenzene	Ave	2.203	2.298		20.9	20.0	4.3	50.0
Butyl Methacrylate	Ave	0.8184	0.8971		21.9	20.0	9.6	50.0
sec-Butylbenzene	Ave	2.547	2.795		21.9	20.0	9.7	50.0
1,3-Dichlorobenzene	Ave	1.271	1.270		20.0	20.0	-0.0	27.0
p-Isopropyltoluene	Ave	2.357	2.476		21.0	20.0	5.0	50.0
1,4-Dichlorobenzene	Ave	1.361	1.321		19.4	20.0	-2.9	37.0
Benzyl chloride	Ave	0.3050	0.3325		21.8	20.0	9.0	50.0
n-Butylbenzene	Ave	2.102	2.366		22.5	20.0	12.5	50.0
1,2-Dichlorobenzene	Ave	1.303	1.271		19.5	20.0	-2.5	37.0
1,2-Dibromo-3-Chloropropane	Ave	0.1897	0.1680		17.7	20.0	-11.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9901	0.9090		18.4	20.0	-8.2	50.0
Hexachlorobutadiene	Ave	0.3214	0.2640		16.4	20.0	-17.8	50.0
Naphthalene	Ave	2.484	2.484		20.0	20.0	-0.0	50.0
1,2,3-Trichlorobenzene	Ave	0.9218	0.8329		18.1	20.0	-9.6	50.0
Dibromofluoromethane (Surr)	Ave	0.2600	0.2591		49.8	50.0	-0.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3276	0.3486		53.2	50.0	6.4	
Toluene-d8 (Surr)	Ave	1.116	1.141		51.1	50.0	2.2	
Bromofluorobenzene	Ave	0.3928	0.3616		46.0	50.0	-7.9	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60712.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-Oct-2016 06:52:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0046502-003
Operator ID: Instrument ID: CVOAMS5
Sublist: chrom-8260W_5*sub52

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 06-Oct-2016 09:18:16 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: moroneyc Date: 06-Oct-2016 07:14:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	91	9962	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	98	82835	20.0	23.4	
3 Vinyl chloride	62	0.924	0.924	0.000	97	82714	20.0	20.4	
4 Butadiene	54	0.932	0.932	0.000	92	70219	NC	NC	
5 Chloromethane	50	0.932	0.932	0.000	99	108342	20.0	19.2	
6 Bromomethane	94	1.072	1.072	0.000	98	49591	20.0	18.7	
8 Chloroethane	64	1.122	1.122	0.000	99	85392	20.0	18.9	
9 Pentane	72	1.179	1.179	0.000	97	58434	40.0	86.4	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	99	236836	20.0	38.0	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	217999	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	148951	20.0	25.6	
13 Ethyl ether	59	1.327	1.327	0.000	95	88248	20.0	23.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.418	1.418	0.000	81	114055	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	96	78450	20.0	22.8	
17 Carbon disulfide	76	1.434	1.434	0.000	99	276724	20.0	22.7	
14 Ethanol	46	1.434	1.434	0.000	21	24458	800.0	642.7	
18 1,1,2-Trichloro-1,2,2-trif	101	1.442	1.442	0.000	96	86455	20.0	31.8	
19 Iodomethane	142	1.492	1.492	0.000	100	48113	20.0	13.3	
20 Cyclopentene	67	1.566	1.566	0.000	95	225441	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	97	25207	40.0	31.1	
22 3-Chloro-1-propene	76	1.656	1.656	0.000	85	47874	20.0	23.9	
23 Isopropyl alcohol	45	1.689	1.689	0.000	93	71317	200.0	184.7	
24 Methylene Chloride	84	1.714	1.714	0.000	98	89179	20.0	24.1	
25 Acetone	58	1.739	1.739	0.000	85	45000	100.0	79.8	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	97	83074	20.0	22.2	
27 Methyl acetate	74	1.805	1.805	0.000	100	84800	100.0	88.4	
28 Hexane	57	1.838	1.838	0.000	84	187349	20.0	29.8	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	97	281734	20.0	23.6	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	97	567057	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	115504	200.0	177.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acetonitrile	41	1.994	1.994	0.000	99	120307	200.0	183.5	
33 Isopropyl ether	45	2.076	2.076	0.000	95	295669	20.0	24.3	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	71658	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	154176	20.0	22.2	
36 Acrylonitrile	53	2.167	2.167	0.000	93	364623	200.0	223.7	
37 Tert-butyl ethyl ether	59	2.290	2.290	0.000	89	275951	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	100	36537	40.0	51.8	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	94	79872	20.0	20.4	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	94	127961	20.0	23.5	
41 Cyclohexane	56	2.595	2.595	0.000	94	142687	20.0	29.5	
42 Chlorobromomethane	128	2.595	2.595	0.000	76	39579	20.0	19.4	
43 Chloroform	83	2.652	2.652	0.000	96	137407	20.0	20.8	
44 Carbon tetrachloride	117	2.743	2.743	0.000	95	97407	20.0	20.7	
45 Ethyl acetate	70	2.751	2.751	0.000	99	20903	40.0	36.3	
46 Methyl acrylate	55	2.751	2.751	0.000	55	90815	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	92	91732	40.0	40.1	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	160792	50.0	49.8	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	120074	20.0	21.5	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	505994	250.0	250.0	
51 2-Butanone (MEK)	72	2.866	2.866	0.000	100	66086	100.0	88.1	
52 1,1-Dichloropropene	75	2.874	2.874	0.000	91	122647	20.0	21.0	
53 Isooctane	57	2.965	2.965	0.000	96	217930	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	57	54622	20.0	28.2	
55 Benzene	78	3.056	3.056	0.000	97	320719	20.0	21.5	
56 Propionitrile	54	3.072	3.072	0.000	98	140326	NC	NC	
57 Methacrylonitrile	67	3.088	3.088	0.000	94	410080	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	216277	50.0	53.2	
59 Tert-amyl methyl ether	73	3.162	3.162	0.000	97	250415	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	121780	20.0	20.7	
61 Isobutyl alcohol	43	3.286	3.286	0.000	97	118559	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	97	85622	NC	NC	
* 63 Fluorobenzene	96	3.376	3.376	0.000	98	620485	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	201789	20.0	23.4	
66 Methylcyclohexane	83	3.508	3.508	0.000	93	129281	20.0	27.0	
67 Trichloroethene	95	3.525	3.525	0.000	96	77452	20.0	19.8	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	96	210630	NC	NC	
69 Dibromomethane	93	3.878	3.878	0.000	93	54238	20.0	20.7	
70 n-Butanol	56	3.895	3.895	0.000	91	68003	500.0	377.5	
71 1,2-Dichloropropane	63	3.961	3.961	0.000	87	83101	20.0	20.7	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	122459	20.0	22.3	
73 Dichlorobromomethane	83	4.043	4.043	0.000	96	105921	20.0	19.9	
75 Methyl methacrylate	100	4.232	4.232	0.000	92	50404	40.0	40.4	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	65	54071	1000.0	1000.0	
76 1,4-Dioxane	88	4.273	4.273	0.000	84	24118	400.0	374.6	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	149805	20.0	22.3	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	97	28024	20.0	22.2	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	132046	20.0	20.2	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	633988	50.0	51.1	
81 Toluene	91	4.907	4.907	0.000	93	332684	20.0	20.6	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	175599	400.0	387.2	
83 2-Nitropropane	41	5.154	5.154	0.000	100	64168	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	93	73155	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	99	525857	100.0	95.8	
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	96	125180	20.0	20.2	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	93	60256	20.0	20.2	
88 Ethyl methacrylate	69	5.656	5.656	0.000	91	105227	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	97	75108	20.0	17.9	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	129767	20.0	21.0	
91 Ethylene Dibromide	107	6.002	6.002	0.000	99	70165	20.0	19.1	
92 n-Butyl acetate	43	6.356	6.356	0.000	97	155007	20.0	23.0	
93 2-Hexanone	43	6.413	6.413	0.000	98	373252	100.0	91.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	555860	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	94	206633	20.0	19.5	
96 Ethylbenzene	106	6.792	6.792	0.000	99	111905	20.0	19.9	
97 1,1,1,2-Tetrachloroethane	131	6.816	6.816	0.000	93	70571	20.0	18.2	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	98	136264	20.0	20.0	
99 o-Xylene	106	7.582	7.582	0.000	93	126733	20.0	18.6	
100 Bromoform	173	7.639	7.639	0.000	91	46982	20.0	15.6	
101 Styrene	104	7.664	7.664	0.000	93	206097	20.0	18.2	
102 n-Butyl acrylate	73	8.002	8.002	0.000	99	59205	20.0	19.7	
103 Isopropylbenzene	105	8.059	8.059	0.000	96	345043	20.0	20.4	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	88	185673	20.0	24.5	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	88	201018	50.0	46.0	
106 Bromobenzene	156	8.528	8.528	0.000	95	85587	20.0	19.6	
107 N-Propylbenzene	91	8.693	8.693	0.000	98	421686	20.0	23.0	
108 1,1,2,2-Tetrachloroethane	83	8.841	8.841	0.000	96	98205	20.0	21.7	
109 2-Chlorotoluene	91	8.857	8.857	0.000	98	272277	20.0	21.6	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	345295	NC	NC	
111 1,2,3-Trichloropropane	110	8.956	8.956	0.000	94	29460	20.0	19.3	
112 1,3,5-Trimethylbenzene	105	9.038	9.038	0.000	93	282194	20.0	21.2	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	86	32032	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	99	253593	20.0	21.3	
115 tert-Butylbenzene	119	9.499	9.499	0.000	94	241841	20.0	21.4	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	294413	20.0	20.9	
117 Butyl Methacrylate	87	9.639	9.639	0.000	97	114907	20.0	21.9	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	357999	20.0	21.9	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	95	162708	20.0	20.0	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	97	317100	20.0	21.0	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	320235	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	92	169233	20.0	19.4	
123 2,3-Dihydroindene	117	10.470	10.470	0.000	94	316404	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	97	42594	20.0	21.8	
125 p-Diethylbenzene	119	10.676	10.676	0.000	93	179252	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	303014	20.0	22.5	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	94	162768	20.0	19.5	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	314432	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	91	21517	20.0	17.7	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	96	122923	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	116438	20.0	18.4	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	85	33822	20.0	16.4	
133 Naphthalene	128	12.692	12.692	0.000	99	318180	20.0	20.0	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	106688	20.0	18.1	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 136 1,3-Dichloropropene, Total	100				0		40.0	40.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.6	
S 138 Total BTEX	1				0		100.0	100.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00174	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Oct-2016 09:18:18 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60712.D

Injection Date: 06-Oct-2016 06:52:30 Instrument ID: CVOAMS5 Operator ID:

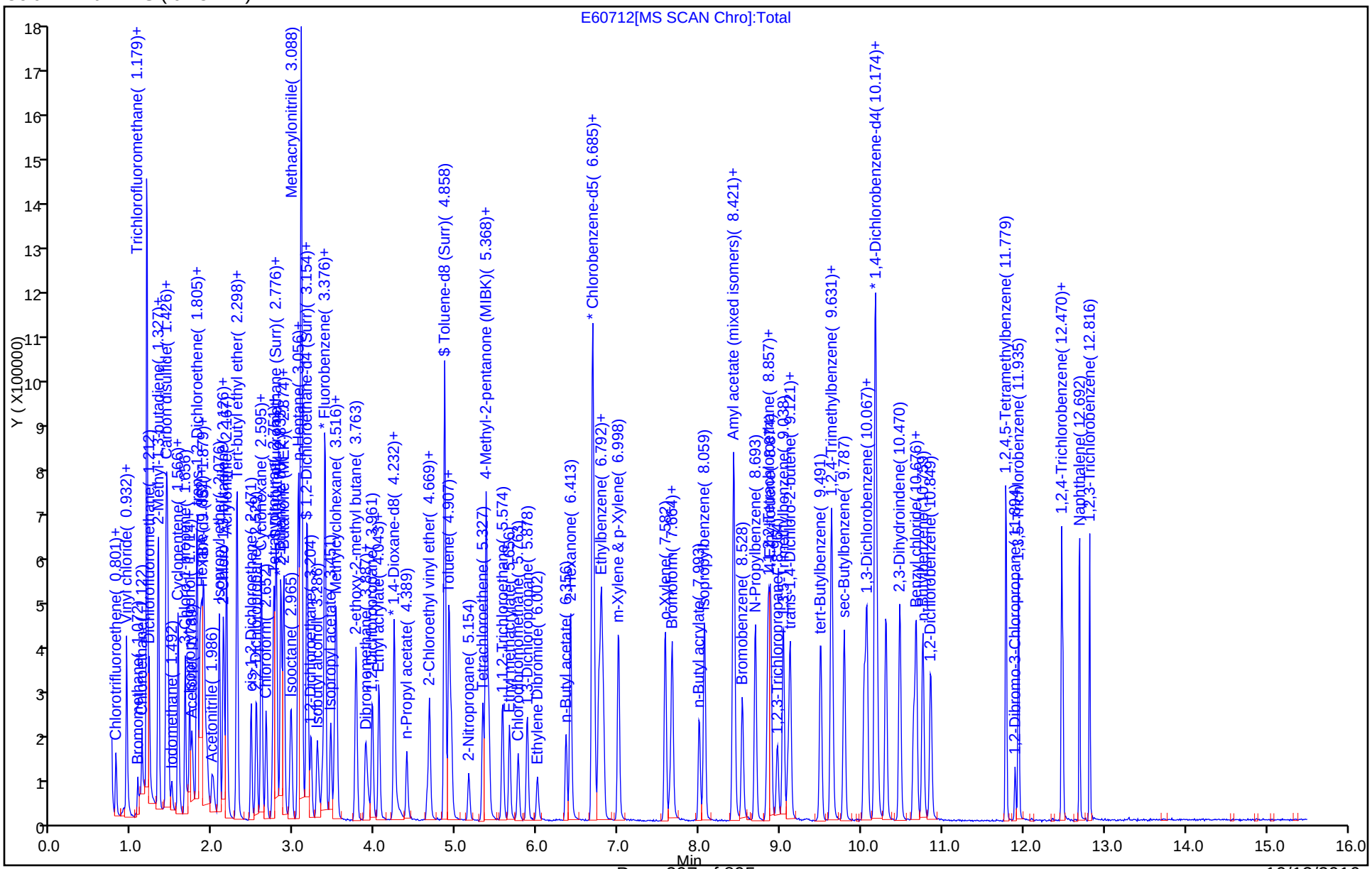
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60479.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 01-Oct-2016 15:29:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046290-001
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 02-Oct-2016 11:05:32 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK035

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.159	3.159	0.000	1	630	NR	NR	
$ 140 BFB	95	2.294	2.294	0.000	86	167467	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

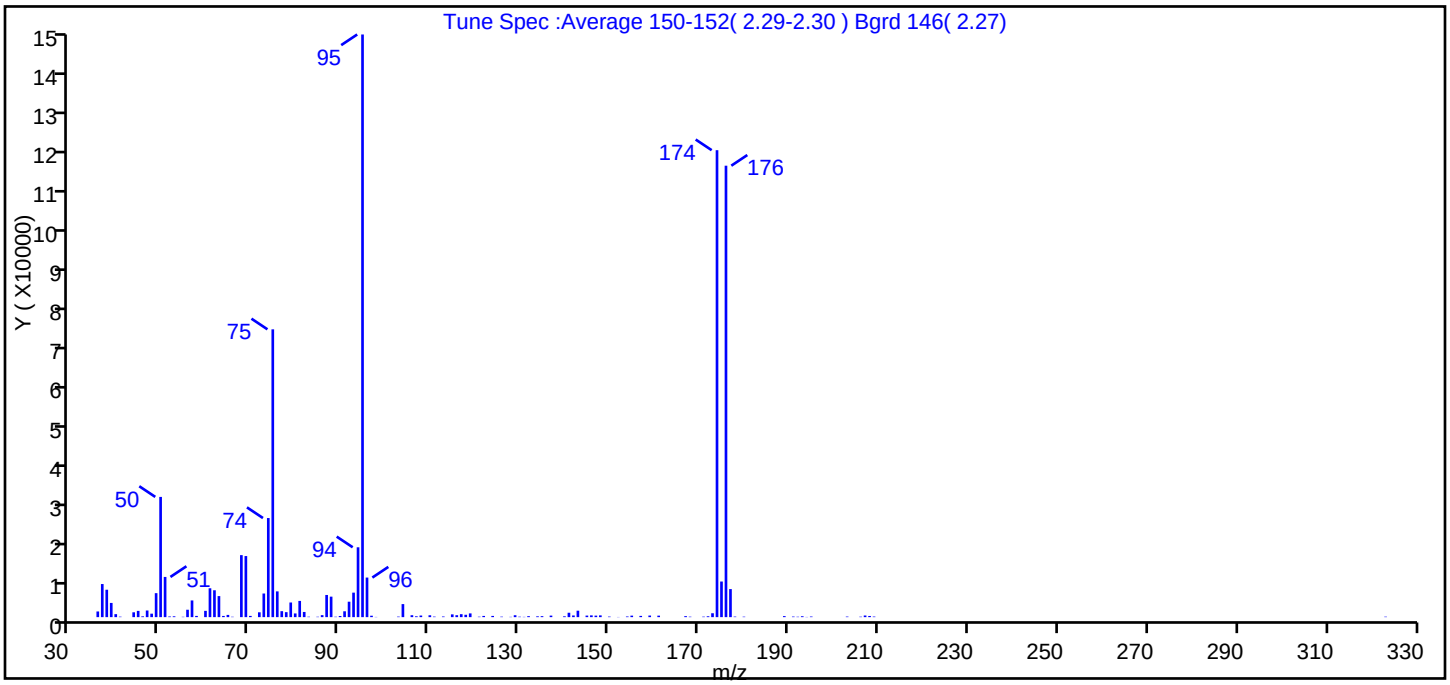
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60479.D
Injection Date: 01-Oct-2016 15:29:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.6
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.7 (0.8)
174	50 to 120% of m/z 95	80.1
175	5 to 9% of m/z 174	6.1 (7.6)
176	Greater than 95% but less than 101% of m/z 174	77.5 (96.7)
177	5 to 9% of m/z 176	4.8 (6.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60479.D\8260W_5.rslt\spectra.d
Injection Date: 01-Oct-2016 15:29:30
Spectrum: Tune Spec :Average 150-152(2.29-2.30) Bgrd 146(2.27)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1405	72.00	1198	108.00	397	152.00	43
37.00	8197	73.00	5852	110.00	465	154.00	164
38.00	6787	74.00	24536	111.00	131	155.00	372
39.00	3518	75.00	71256	113.00	158	157.00	311
40.00	741	76.00	6377	115.00	686	159.00	394
41.00	116	77.00	1479	116.00	483	161.00	371
44.00	1200	78.00	1235	117.00	734	167.00	248
45.00	1549	79.00	3627	118.00	588	168.00	114
46.00	198	80.00	913	119.00	928	171.00	122
47.00	1645	81.00	4016	121.00	109	172.00	215
48.00	860	82.00	1283	122.00	299	173.00	966
49.00	5938	83.00	107	124.00	303	174.00	115608
50.00	29768	85.00	97	126.00	119	175.00	8819
51.00	9955	86.00	493	128.00	70	176.00	111768
52.00	162	87.00	5489	129.00	472	177.00	6945
53.00	205	88.00	5075	130.00	112	178.00	137
55.00	85	89.00	101	131.00	65	180.00	116
56.00	1834	90.00	284	132.00	242	189.00	254
57.00	4135	91.00	1450	134.00	201	191.00	142
58.00	305	92.00	3822	135.00	241	192.00	100
60.00	1556	93.00	6067	137.00	380	193.00	220
61.00	7147	94.00	17296	140.00	205	194.00	48
62.00	6654	95.00	144256	141.00	1089	195.00	151
63.00	5212	96.00	9799	142.00	412	203.00	141
64.00	299	97.00	353	143.00	1597	206.00	112
65.00	555	98.00	49	145.00	383	207.00	403
66.00	94	103.00	132	146.00	437	208.00	287
68.00	15353	104.00	3229	147.00	377	209.00	142
69.00	15123	106.00	476	148.00	436	323.00	116
70.00	305	107.00	208	150.00	137		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60659.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 05-Oct-2016 06:59:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0046448-001
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 10:07:46 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 05-Oct-2016 07:10:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.311	2.311	0.000	84	73021	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

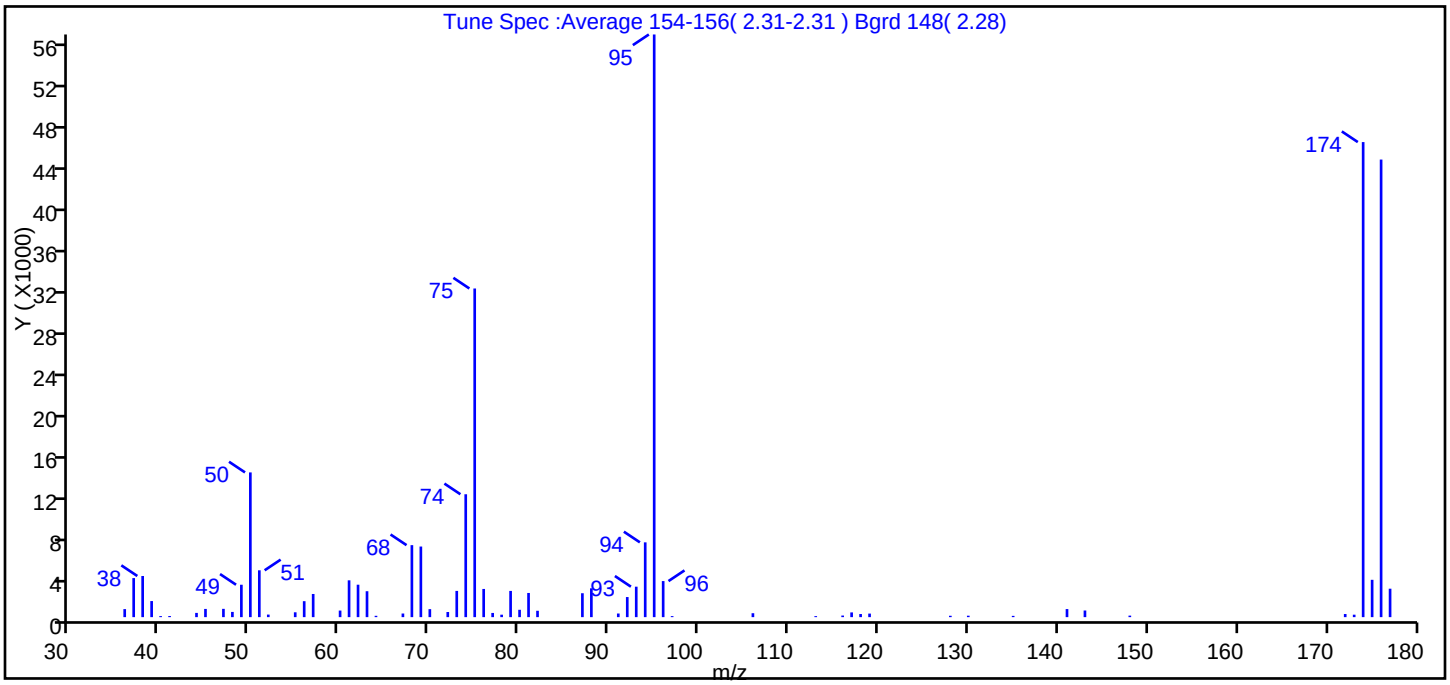
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60659.D
Injection Date: 05-Oct-2016 06:59:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	24.8
75	30 to 60% of m/z 95	56.4
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	0.4 (0.5)
174	50 to 120% of m/z 95	81.5
175	5 to 9% of m/z 174	6.4 (7.9)
176	Greater than 95% but less than 101% of m/z 174	78.5 (96.3)
177	5 to 9% of m/z 176	4.9 (6.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60659.D\8260W_5.rslt\spectra.d
Injection Date: 05-Oct-2016 06:59:30
Spectrum: Tune Spec :Average 154-156(2.31-2.31) Bgrd 148(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	784	57.00	2259	78.00	240	116.00	156
37.00	3810	60.00	642	79.00	2557	117.00	462
38.00	4012	61.00	3591	80.00	718	118.00	304
39.00	1569	62.00	3164	81.00	2358	119.00	347
40.00	101	63.00	2529	82.00	621	128.00	134
41.00	109	64.00	131	87.00	2332	130.00	141
44.00	413	67.00	354	88.00	2812	135.00	124
45.00	801	68.00	7022	91.00	354	141.00	788
47.00	809	69.00	6887	92.00	1960	143.00	648
48.00	509	70.00	780	93.00	2971	148.00	148
49.00	3161	72.00	501	94.00	7295	172.00	305
50.00	14117	73.00	2558	95.00	56832	173.00	240
51.00	4569	74.00	11986	96.00	3518	174.00	46336
52.00	250	75.00	32056	97.00	100	175.00	3641
55.00	473	76.00	2750	106.00	383	176.00	44632
56.00	1557	77.00	409	113.00	100	177.00	2774

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60710.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	06-Oct-2016 06:02:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0046502-001				
Operator ID:		Instrument ID:	CVOAMS5		
Method:	\\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\8260W_5.m				
Limit Group:	VOA 624 ICAL				
Last Update:	06-Oct-2016 09:18:09	Calib Date:	01-Oct-2016 22:47:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D				
Column 1 :	Rtx-VMS (0.18 mm)		Det: MS SCAN		
Process Host:	XAWRK022				
First Level Reviewer: moroneyc		Date:	06-Oct-2016 06:11:30		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.311	2.311	0.000	85	75749	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

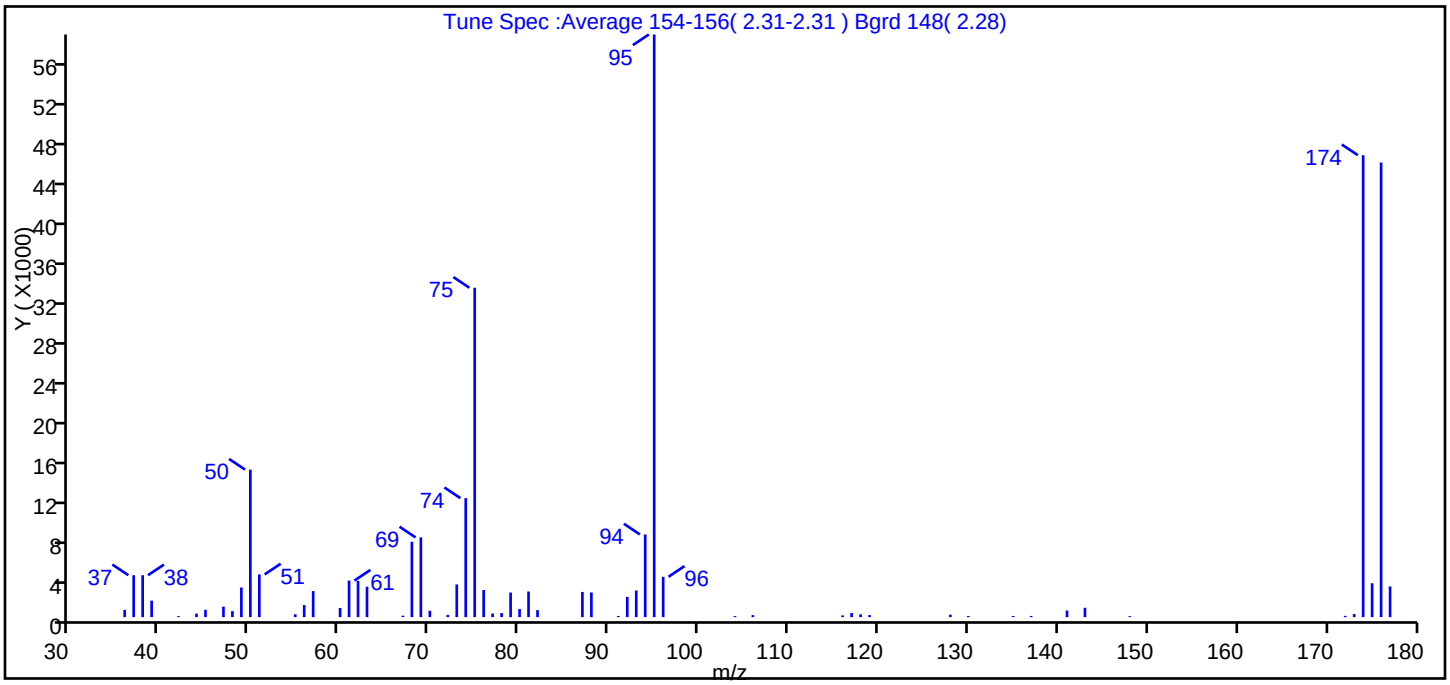
BFB_00013 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60710.D
Injection Date: 06-Oct-2016 06:02:30 Instrument ID: CVOAMS5
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.3
75	30 to 60% of m/z 95	56.5
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.5 (0.7)
174	50 to 120% of m/z 95	79.3
175	5 to 9% of m/z 174	5.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	78.0 (98.4)
177	5 to 9% of m/z 176	5.3 (6.8)

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60710.D\8260W_5.rslt\spectra.d
Injection Date: 06-Oct-2016 06:02:30
Spectrum: Tune Spec :Average 154-156(2.31-2.31) Bgrd 148(2.28)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	731	61.00	3668	81.00	2576	128.00	249
37.00	4208	62.00	3641	82.00	708	130.00	115
38.00	4207	63.00	3052	87.00	2529	135.00	120
39.00	1657	67.00	145	88.00	2481	137.00	121
42.00	100	68.00	7563	91.00	121	141.00	666
44.00	355	69.00	8003	92.00	2034	143.00	938
45.00	744	70.00	640	93.00	2672	148.00	101
47.00	1056	72.00	228	94.00	8301	172.00	128
48.00	607	73.00	3283	95.00	58472	173.00	309
49.00	2972	74.00	11942	96.00	4050	174.00	46360
50.00	14808	75.00	33056	104.00	110	175.00	3402
51.00	4288	76.00	2725	106.00	204	176.00	45624
55.00	287	77.00	365	116.00	174	177.00	3080
56.00	1214	78.00	412	117.00	408		
57.00	2617	79.00	2469	118.00	281		
60.00	919	80.00	812	119.00	207		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-395000/8

Matrix: Water | Lab File ID: E60666.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 10:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-395000/8

Matrix: Water | Lab File ID: E60666.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 10:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		48-130
2037-26-5	Toluene-d8 (Surr)	101		80-120
460-00-4	Bromofluorobenzene	93		71-131
1868-53-7	Dibromofluoromethane (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-395000/8

Matrix: Water Lab File ID: E60666.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/05/2016 10:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 395000 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60666.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 05-Oct-2016 10:04:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0046448-008
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 15:37:12 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: delpolitov Date: 05-Oct-2016 15:37:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	97	621417	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	189417	50.0	50.8	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	554490	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	241716	50.0	51.5	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	716380	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.233	4.233	0.000	94	55899	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	736810	50.0	50.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	87	655257	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	90	239908	50.0	46.6	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	97	380389	50.0	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

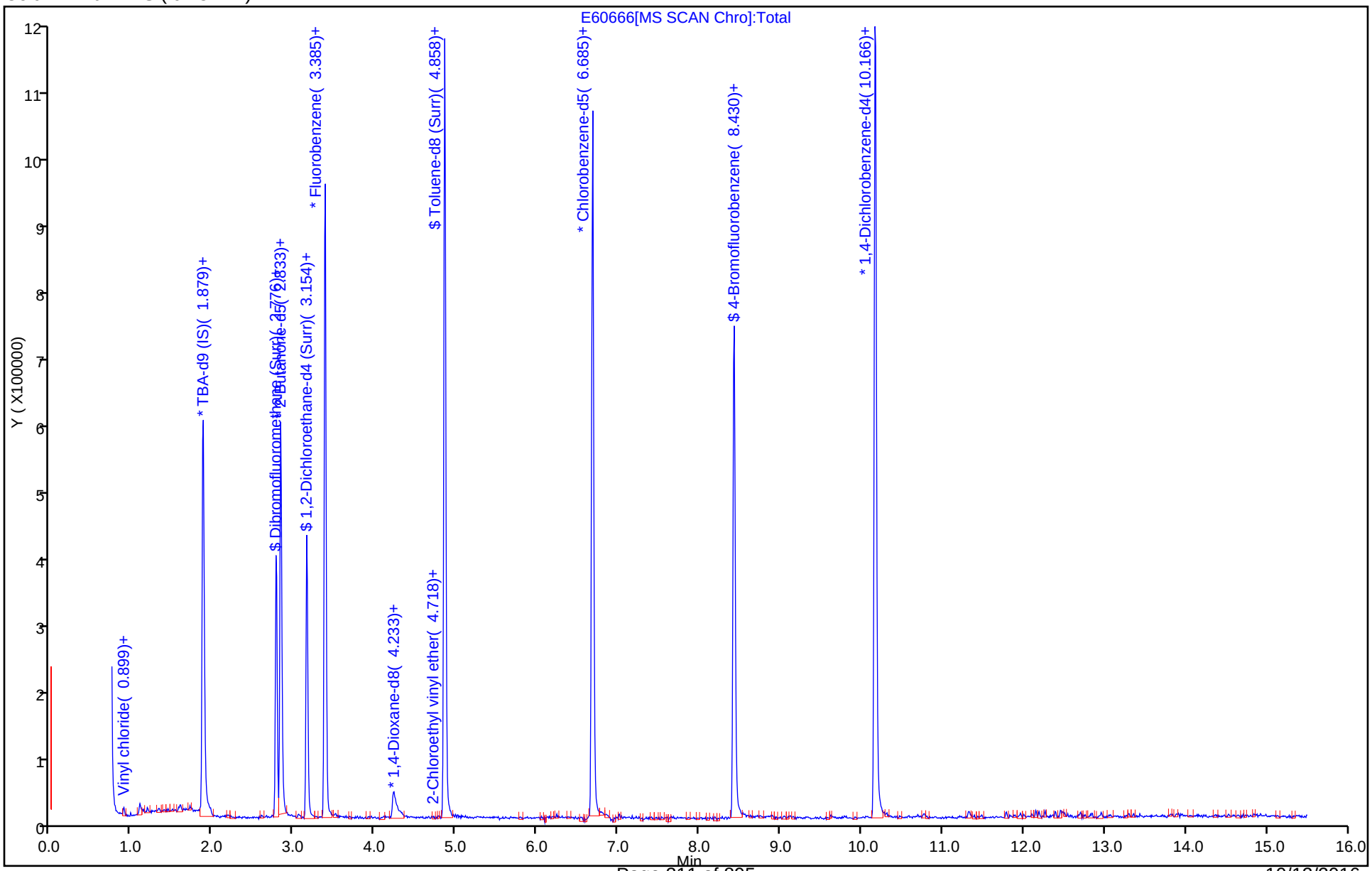
Report Date: 05-Oct-2016 15:37:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60666.D

Injection Date:	05-Oct-2016 10:04:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-395281/8

Matrix: Water | Lab File ID: E60717.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 09:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	0.37	U	1.0	0.37
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
74-83-9	Bromomethane	0.18	U	1.0	0.18
74-87-3	Chloromethane	0.22	U	1.0	0.22
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
67-66-3	Chloroform	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
71-43-2	Benzene	0.090	U	1.0	0.090
76-13-1	Freon TF	0.34	U	1.0	0.34
100-42-5	Styrene	0.17	U	1.0	0.17
75-25-2	Bromoform	0.18	U	1.0	0.18
110-82-7	Cyclohexane	0.26	U	1.0	0.26
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
123-91-1	p-Dioxane	8.7	U	50	8.7
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
78-93-3	2-Butanone	2.2	U	5.0	2.2
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-395281/8

Matrix: Water | Lab File ID: E60717.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 09:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
79-20-9	Methyl acetate	0.58	U	5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		48-130
2037-26-5	Toluene-d8 (Surr)	115		80-120
460-00-4	Bromofluorobenzene	100		71-131
1868-53-7	Dibromofluoromethane (Surr)	112		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-395281/8

Matrix: Water Lab File ID: E60717.D

Analysis Method: 624 Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/06/2016 09:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 395281 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60717.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-Oct-2016 09:03:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0046502-008
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 06-Oct-2016 13:25:48 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: delpolitov Date: 06-Oct-2016 13:25:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	1.879	1.887	-0.008	98	530397	1000.0	1000.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	164132	50.0	56.1	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	464493	250.0	250.0	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	96	214271	50.0	58.1	
* 63 Fluorobenzene	96	3.385	3.376	0.009	98	562578	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.232	4.232	0.000	95	44962	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	637204	50.0	57.4	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	496939	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.429	8.430	-0.001	88	194662	50.0	49.9	
* 121 1,4-Dichlorobenzene-d4	152	10.174	10.166	0.008	98	286117	50.0	50.0	

Reagents:

8260ISNEW_00089 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00141 Amount Added: 1.00 Units: uL Run Reagent

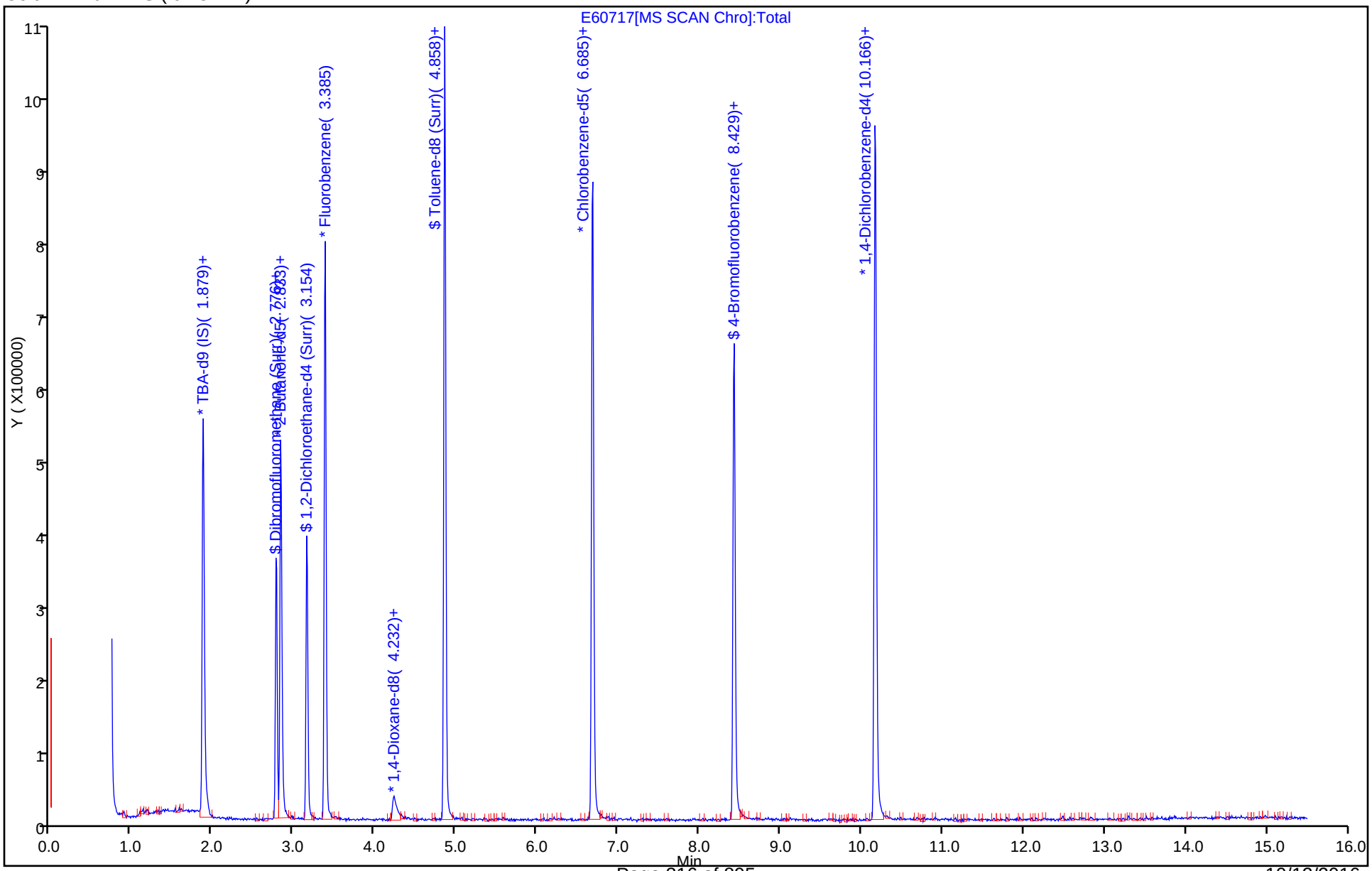
Report Date: 06-Oct-2016 13:25:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60717.D

Injection Date:	06-Oct-2016 09:03:30	Instrument ID:	CVOAMS5	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_5	Limit Group:	VOA 624 ICAL		

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-395000/4

Matrix: Water | Lab File ID: E60662.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 08:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	16.4		1.0	0.37
75-01-4	Vinyl chloride	21.3		1.0	0.060
74-83-9	Bromomethane	19.9		1.0	0.18
74-87-3	Chloromethane	20.3		1.0	0.22
67-64-1	Acetone	79.8		5.0	1.1
75-15-0	Carbon disulfide	22.3		1.0	0.22
75-09-2	Methylene Chloride	22.9		1.0	0.21
75-69-4	Trichlorofluoromethane	35.5		1.0	0.15
75-35-4	1,1-Dichloroethene	23.5		1.0	0.34
67-66-3	Chloroform	20.3		1.0	0.22
108-88-3	Toluene	20.2		1.0	0.25
71-43-2	Benzene	20.4		1.0	0.090
76-13-1	Freon TF	31.3		1.0	0.34
100-42-5	Styrene	17.6		1.0	0.17
75-25-2	Bromoform	15.3		1.0	0.18
110-82-7	Cyclohexane	28.7		1.0	0.26
56-23-5	Carbon tetrachloride	21.5		1.0	0.33
108-90-7	Chlorobenzene	19.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	18.1		1.0	0.35
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.22
541-73-1	1,3-Dichlorobenzene	18.1		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.23
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.080
108-10-1	4-Methyl-2-pentanone	93.8		5.0	0.63
123-91-1	p-Dioxane	403		50	8.7
107-06-2	1,2-Dichloroethane	20.5		1.0	0.25
78-93-3	2-Butanone	83.5		5.0	2.2
75-34-3	1,1-Dichloroethane	21.9		1.0	0.24
591-78-6	2-Hexanone	92.1		5.0	0.72
1634-04-4	MTBE	23.2		1.0	0.13
127-18-4	Tetrachloroethene	19.7		1.0	0.12
98-82-8	Isopropylbenzene	19.8		1.0	0.32
100-41-4	Ethylbenzene	19.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-395000/4

Matrix: Water | Lab File ID: E60662.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 08:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	19.6		1.0	0.15
75-71-8	Dichlorodifluoromethane	23.4		1.0	0.14
79-20-9	Methyl acetate	84.6		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	21.9		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.16
1330-20-7	Xylenes, Total	39.0		2.0	0.28
79-01-6	Trichloroethene	20.1		1.0	0.22
108-87-2	Methylcyclohexane	26.7		1.0	0.22
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.28
78-87-5	1,2-Dichloropropane	20.1		1.0	0.18
124-48-1	Dibromochloromethane	18.2		1.0	0.22
106-93-4	1,2-Dibromoethane	19.4		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		48-130
2037-26-5	Toluene-d8 (Surr)	103		80-120
460-00-4	Bromofluorobenzene	91		71-131
1868-53-7	Dibromofluoromethane (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60662.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 05-Oct-2016 08:20:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046448-004
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 05-Oct-2016 10:09:25 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 05-Oct-2016 10:09:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	90	12720	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	97791	20.0	23.4	
3 Vinyl chloride	62	0.924	0.924	0.000	98	102018	20.0	21.3	
4 Butadiene	54	0.932	0.932	0.000	90	90717	NC	NC	
5 Chloromethane	50	0.941	0.941	0.000	79	135501	20.0	20.3	
6 Bromomethane	94	1.072	1.072	0.000	98	62206	20.0	19.9	
8 Chloroethane	64	1.122	1.122	0.000	99	86700	20.0	16.4	
9 Pentane	72	1.187	1.188	-0.001	96	61139	40.0	76.7	
10 Trichlorofluoromethane	101	1.187	1.188	-0.001	67	260617	20.0	35.5	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	98	244587	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	170647	20.0	24.9	
13 Ethyl ether	59	1.336	1.336	0.000	97	98916	20.0	22.4	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	98	95005	20.0	23.5	
15 1,2-Dichloro-1,1,2-trifluo	67	1.426	1.426	0.000	83	130538	NC	NC	
14 Ethanol	46	1.434	1.434	0.000	25	30071	800.0	674.9	
17 Carbon disulfide	76	1.434	1.434	0.000	99	320674	20.0	22.3	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.443	0.000	98	100309	20.0	31.3	
19 Iodomethane	142	1.492	1.492	0.000	100	62862	20.0	14.8	
20 Cyclopentene	67	1.566	1.566	0.000	96	249913	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	96	25949	40.0	27.4	
22 3-Chloro-1-propene	76	1.657	1.657	0.000	86	53634	20.0	22.7	
23 Isopropyl alcohol	45	1.689	1.690	-0.001	93	81274	200.0	179.8	
24 Methylene Chloride	84	1.714	1.714	0.000	98	99860	20.0	22.9	
25 Acetone	58	1.739	1.739	0.000	85	51935	100.0	79.8	
26 trans-1,2-Dichloroethene	96	1.796	1.797	0.000	96	96805	20.0	21.9	
27 Methyl acetate	74	1.805	1.805	0.000	100	94987	100.0	84.6	
28 Hexane	57	1.846	1.838	0.008	79	210537	20.0	28.4	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	88	325871	20.0	23.2	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	663940	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	135562	200.0	177.9	
32 Acetonitrile	41	1.994	1.994	0.000	99	131580	200.0	171.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	2.076	2.076	0.000	94	326904	20.0	22.8	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	84341	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	100	179545	20.0	21.9	
36 Acrylonitrile	53	2.167	2.167	0.000	91	409250	200.0	213.0	
37 Tert-butyl ethyl ether	59	2.298	2.290	0.008	56	311022	NC	NC	
38 Vinyl acetate	86	2.298	2.299	-0.001	99	39160	40.0	47.1	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	94	93217	20.0	20.2	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	93	146264	20.0	22.8	
41 Cyclohexane	56	2.595	2.595	0.000	94	163994	20.0	28.7	
42 Chlorobromomethane	128	2.603	2.595	0.008	75	48203	20.0	20.0	
43 Chloroform	83	2.652	2.652	0.000	96	158483	20.0	20.3	
44 Carbon tetrachloride	117	2.743	2.743	0.000	96	118993	20.0	21.5	
45 Ethyl acetate	70	2.751	2.751	0.000	99	26004	40.0	39.2	
46 Methyl acrylate	55	2.751	2.751	0.000	55	100086	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	93	104248	40.0	39.4	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	194994	50.0	51.3	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	97	136725	20.0	20.8	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	584016	250.0	250.0	
51 2-Butanone (MEK)	72	2.875	2.875	0.000	99	72282	100.0	83.5	
52 1,1-Dichloropropene	75	2.875	2.875	0.000	91	141468	20.0	20.5	
53 Isooctane	57	2.965	2.965	0.000	97	241025	NC	NC	
54 n-Heptane	57	3.056	3.047	0.009	57	63094	20.0	27.6	
55 Benzene	78	3.056	3.056	0.000	97	363809	20.0	20.4	
56 Propionitrile	54	3.072	3.072	0.000	98	158620	NC	NC	
57 Methacrylonitrile	67	3.089	3.089	-0.001	94	461078	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	255483	50.0	53.3	
59 Tert-amyl methyl ether	73	3.163	3.163	0.000	97	288706	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	142310	20.0	20.5	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	142196	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	96	99226	NC	NC	
* 63 Fluorobenzene	96	3.385	3.385	0.000	98	731447	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	228198	20.0	22.4	
66 Methylcyclohexane	83	3.508	3.508	0.000	93	150979	20.0	26.7	
67 Trichloroethene	95	3.525	3.525	0.000	96	92795	20.0	20.1	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	96	237986	NC	NC	
69 Dibromomethane	93	3.879	3.879	0.000	93	63937	20.0	20.7	
70 n-Butanol	56	3.895	3.895	0.000	92	80129	500.0	379.9	
71 1,2-Dichloropropane	63	3.969	3.961	0.008	86	95112	20.0	20.1	
72 Ethyl acrylate	55	4.043	4.043	0.000	96	139213	20.0	21.5	
73 Dichlorobromomethane	83	4.051	4.043	0.008	97	122843	20.0	19.6	
75 Methyl methacrylate	100	4.232	4.233	0.000	91	58529	40.0	39.8	
* 74 1,4-Dioxane-d8	96	4.232	4.233	0.000	75	62017	1000.0	1000.0	
76 1,4-Dioxane	88	4.257	4.265	-0.008	94	29770	400.0	403.1	
77 n-Propyl acetate	43	4.389	4.389	0.000	100	170078	20.0	21.5	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	95	30461	20.0	20.5	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	98	154800	20.0	19.8	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	99	760904	50.0	51.3	
81 Toluene	91	4.915	4.907	0.008	93	389853	20.0	20.2	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	201815	400.0	385.6	
83 2-Nitropropane	41	5.154	5.154	0.000	99	77327	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	93	89935	20.0	19.7	
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	99	594525	100.0	93.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	95	148708	20.0	20.1	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	92	70526	20.0	19.8	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	126037	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	97	91491	20.0	18.2	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	95	150654	20.0	20.4	
91 Ethylene Dibromide	107	6.002	6.002	0.000	97	85536	20.0	19.4	
92 n-Butyl acetate	43	6.356	6.356	0.000	97	179850	20.0	22.3	
93 2-Hexanone	43	6.413	6.413	0.000	98	434091	100.0	92.1	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	89	664306	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	95	244465	20.0	19.3	
96 Ethylbenzene	106	6.792	6.784	0.008	99	132371	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.817	0.000	93	84469	20.0	18.2	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	97	162137	20.0	19.9	
99 o-Xylene	106	7.582	7.582	0.000	94	155447	20.0	19.1	
100 Bromoform	173	7.640	7.640	0.000	91	55031	20.0	15.3	
101 Styrene	104	7.664	7.664	0.000	94	237946	20.0	17.6	
102 n-Butyl acrylate	73	7.993	7.993	0.000	99	73210	20.0	20.4	
103 Isopropylbenzene	105	8.059	8.059	0.000	97	400007	20.0	19.8	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	88	199307	20.0	21.4	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	94	238424	50.0	45.7	
106 Bromobenzene	156	8.537	8.537	0.000	92	85686	20.0	16.0	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	488986	20.0	21.7	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.833	0.000	98	103179	20.0	18.6	
109 2-Chlorotoluene	91	8.849	8.858	-0.009	98	234584	20.0	15.1	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	363903	NC	NC	
111 1,2,3-Trichloropropane	110	8.973	8.956	0.017	94	26965	20.0	14.4	
112 1,3,5-Trimethylbenzene	105	9.030	9.030	0.000	95	333069	20.0	20.4	
113 trans-1,4-Dichloro-2-buten	53	9.080	9.096	-0.016	87	24748	NC	NC	
114 4-Chlorotoluene	91	9.121	9.113	0.008	98	284579	20.0	19.4	
115 tert-Butylbenzene	119	9.499	9.500	-0.001	93	278362	20.0	20.1	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	354426	20.0	20.4	
117 Butyl Methacrylate	87	9.639	9.639	0.000	98	133258	20.0	20.7	
118 sec-Butylbenzene	105	9.787	9.788	-0.001	98	418838	20.0	20.9	
119 1,3-Dichlorobenzene	146	10.034	10.043	-0.009	95	181376	20.0	18.1	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	357343	20.0	19.3	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	393701	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	93	206295	20.0	19.2	
123 2,3-Dihydroindene	117	10.471	10.471	0.000	94	359170	NC	NC	
124 Benzyl chloride	126	10.643	10.652	-0.009	97	49870	20.0	20.8	
125 p-Diethylbenzene	119	10.676	10.676	0.000	94	215806	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.000	98	356471	20.0	21.5	
127 1,2-Dichlorobenzene	146	10.849	10.857	-0.008	94	192701	20.0	18.8	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	98	381845	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	90	27463	20.0	18.4	
130 1,3,5-Trichlorobenzene	180	11.935	11.936	-0.001	96	150523	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	94	142444	20.0	18.3	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	87	42576	20.0	16.8	
133 Naphthalene	128	12.693	12.693	0.000	99	401322	20.0	20.5	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	131308	20.0	18.1	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.1	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00174	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00043	Amount Added: 20.00	Units: uL		
ACROLEIN W_00056	Amount Added: 4.00	Units: uL		
8260ISNEW_00089	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00141	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 05-Oct-2016 10:09:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161005-46448.b\E60662.D

Injection Date: 05-Oct-2016 08:20:30 Instrument ID: CVOAMS5 Operator ID:

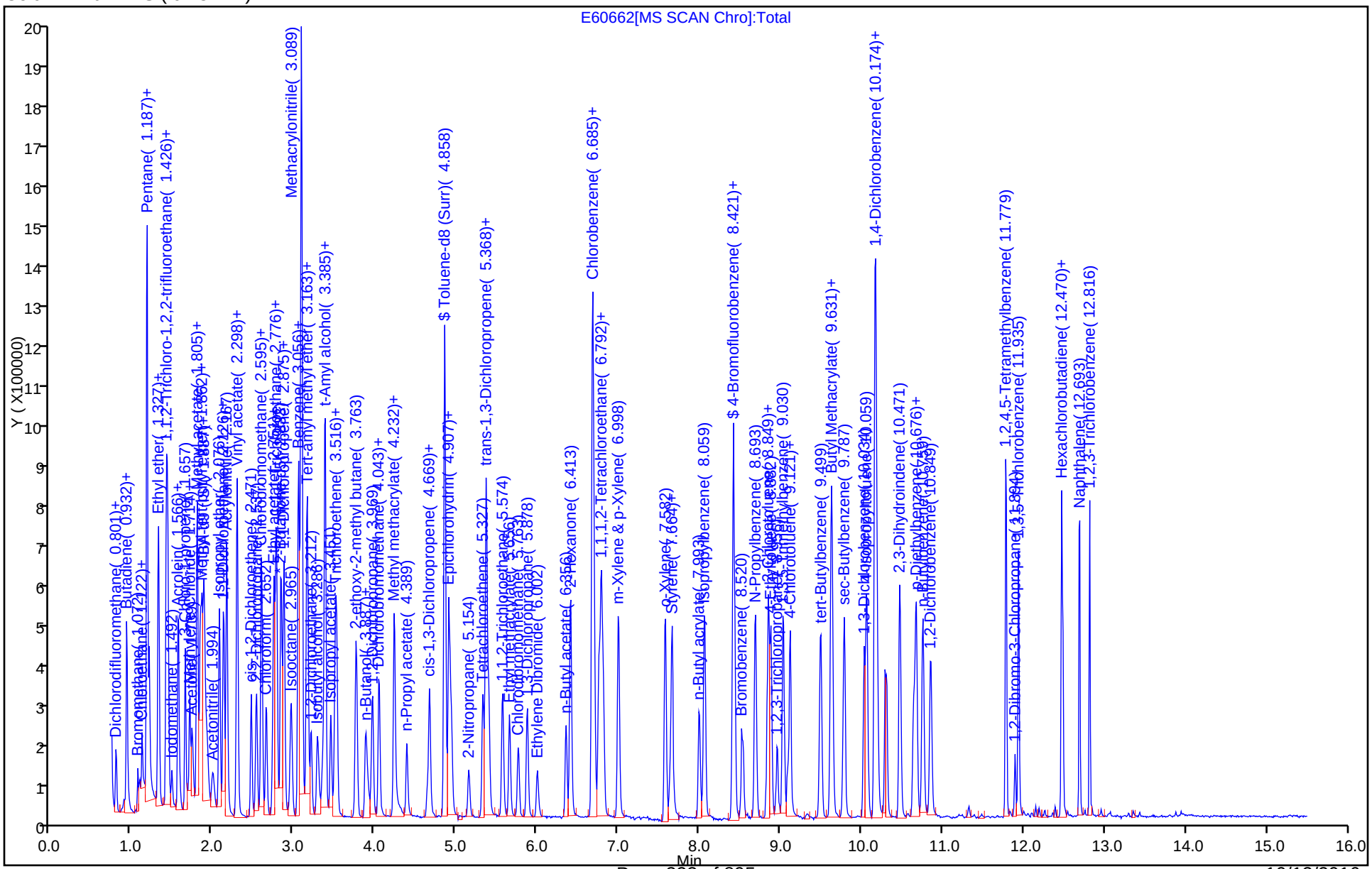
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-395281/4

Matrix: Water | Lab File ID: E60713.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	19.8		1.0	0.37
75-01-4	Vinyl chloride	20.6		1.0	0.060
74-83-9	Bromomethane	20.8		1.0	0.18
74-87-3	Chloromethane	19.5		1.0	0.22
67-64-1	Acetone	84.7		5.0	1.1
75-15-0	Carbon disulfide	23.1		1.0	0.22
75-09-2	Methylene Chloride	24.4		1.0	0.21
75-69-4	Trichlorofluoromethane	39.5		1.0	0.15
75-35-4	1,1-Dichloroethene	24.3		1.0	0.34
67-66-3	Chloroform	20.8		1.0	0.22
108-88-3	Toluene	21.2		1.0	0.25
71-43-2	Benzene	21.9		1.0	0.090
76-13-1	Freon TF	32.5		1.0	0.34
100-42-5	Styrene	19.1		1.0	0.17
75-25-2	Bromoform	15.4		1.0	0.18
110-82-7	Cyclohexane	30.1		1.0	0.26
56-23-5	Carbon tetrachloride	22.3		1.0	0.33
108-90-7	Chlorobenzene	20.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.0		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	18.8		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	18.5		1.0	0.35
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.22
541-73-1	1,3-Dichlorobenzene	20.0		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.5		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1.0	0.23
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.080
108-10-1	4-Methyl-2-pentanone	95.8		5.0	0.63
123-91-1	p-Dioxane	378		50	8.7
107-06-2	1,2-Dichloroethane	21.0		1.0	0.25
78-93-3	2-Butanone	86.4		5.0	2.2
75-34-3	1,1-Dichloroethane	23.2		1.0	0.24
591-78-6	2-Hexanone	91.9		5.0	0.72
1634-04-4	MTBE	24.3		1.0	0.13
127-18-4	Tetrachloroethene	19.7		1.0	0.12
98-82-8	Isopropylbenzene	20.4		1.0	0.32
100-41-4	Ethylbenzene	20.1		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-395281/4

Matrix: Water | Lab File ID: E60713.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 07:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	20.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	25.1		1.0	0.14
79-20-9	Methyl acetate	92.4		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	20.8		1.0	0.16
1330-20-7	Xylenes, Total	40.1		2.0	0.28
79-01-6	Trichloroethene	20.5		1.0	0.22
108-87-2	Methylcyclohexane	28.9		1.0	0.22
71-55-6	1,1,1-Trichloroethane	22.1		1.0	0.28
78-87-5	1,2-Dichloropropane	21.2		1.0	0.18
124-48-1	Dibromochloromethane	18.2		1.0	0.22
106-93-4	1,2-Dibromoethane	19.3		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60713.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-Oct-2016 07:19:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046502-004
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 06-Oct-2016 13:22:48 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:04:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	91	12151	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	99	90475	20.0	25.1	
3 Vinyl chloride	62	0.924	0.924	0.000	98	85170	20.0	20.6	
4 Butadiene	54	0.932	0.932	0.000	92	75337	NC	NC	
5 Chloromethane	50	0.932	0.932	0.000	99	112038	20.0	19.5	
6 Bromomethane	94	1.072	1.072	0.000	98	56284	20.0	20.8	
8 Chloroethane	64	1.122	1.122	0.000	99	88675	20.0	19.8	
9 Pentane	72	1.179	1.179	0.000	97	61896	40.0	89.8	
10 Trichlorofluoromethane	101	1.188	1.187	0.001	64	250711	20.0	39.5	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	219147	NC	NC	
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	98	156114	20.0	26.3	
13 Ethyl ether	59	1.327	1.327	0.000	94	88475	20.0	23.2	
15 1,2-Dichloro-1,1,2-trifluo	67	1.418	1.418	0.000	81	119229	NC	NC	
16 1,1-Dichloroethene	96	1.426	1.426	0.000	95	85065	20.0	24.3	
17 Carbon disulfide	76	1.434	1.434	0.000	99	285943	20.0	23.1	
14 Ethanol	46	1.434	1.434	0.000	21	26456	800.0	701.1	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.442	0.001	97	90123	20.0	32.5	
19 Iodomethane	142	1.492	1.492	0.000	99	57015	20.0	15.5	
20 Cyclopentene	67	1.566	1.566	0.000	96	232898	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	24739	40.0	30.8	
22 3-Chloro-1-propene	76	1.657	1.656	0.001	86	50793	20.0	24.9	
23 Isopropyl alcohol	45	1.690	1.689	0.001	97	71652	200.0	187.2	
24 Methylene Chloride	84	1.714	1.714	0.000	97	91862	20.0	24.4	
25 Acetone	58	1.739	1.739	0.000	85	48240	100.0	84.7	
26 trans-1,2-Dichloroethene	96	1.797	1.796	0.000	98	87890	20.0	23.0	
27 Methyl acetate	74	1.805	1.805	0.000	100	87907	100.0	92.4	
28 Hexane	57	1.846	1.838	0.008	84	199709	20.0	31.2	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	87	294955	20.0	24.3	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	98	562319	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	98	121045	200.0	187.6	
32 Acetonitrile	41	1.994	1.994	0.000	99	144903	200.0	222.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	2.076	2.076	0.000	95	306389	20.0	24.8	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	74449	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	164084	20.0	23.2	
36 Acrylonitrile	53	2.167	2.167	0.000	93	369290	200.0	222.4	
37 Tert-butyl ethyl ether	59	2.290	2.290	0.000	89	283885	NC	NC	
38 Vinyl acetate	86	2.299	2.298	0.001	100	35163	40.0	48.9	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	94	84139	20.0	21.1	
40 2,2-Dichloropropane	77	2.537	2.537	0.000	93	133009	20.0	24.0	
41 Cyclohexane	56	2.595	2.595	0.000	94	148641	20.0	30.1	
42 Chlorobromomethane	128	2.595	2.595	0.000	74	41874	20.0	20.1	
43 Chloroform	83	2.652	2.652	0.000	97	140191	20.0	20.8	
44 Carbon tetrachloride	117	2.743	2.743	0.000	95	107033	20.0	22.3	
45 Ethyl acetate	70	2.751	2.751	0.000	98	21497	40.0	37.0	
46 Methyl acrylate	55	2.751	2.751	0.000	52	91616	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	92	94768	40.0	41.0	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	96	164798	50.0	50.1	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	125920	20.0	22.1	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	97	510908	250.0	250.0	
51 2-Butanone (MEK)	72	2.866	2.866	0.000	100	65475	100.0	86.4	
52 1,1-Dichloropropene	75	2.875	2.874	0.001	92	130126	20.0	21.8	
53 Isooctane	57	2.957	2.965	-0.008	98	228096	NC	NC	
54 n-Heptane	57	3.047	3.056	-0.009	60	59375	20.0	30.1	
55 Benzene	78	3.056	3.056	0.000	98	329275	20.0	21.9	
56 Propionitrile	54	3.072	3.072	0.000	98	141770	NC	NC	
57 Methacrylonitrile	67	3.089	3.088	0.001	94	415460	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	98	217544	50.0	52.5	
59 Tert-amyl methyl ether	73	3.163	3.162	0.001	97	260441	NC	NC	
60 1,2-Dichloroethane	62	3.204	3.212	-0.008	97	125833	20.0	21.0	
61 Isobutyl alcohol	43	3.286	3.286	0.000	97	119428	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	97	84959	NC	NC	
* 63 Fluorobenzene	96	3.385	3.376	0.009	98	631928	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	205075	20.0	23.3	
66 Methylcyclohexane	83	3.508	3.508	0.000	96	141205	20.0	28.9	
67 Trichloroethene	95	3.525	3.525	0.000	96	81862	20.0	20.5	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	96	216697	NC	NC	
69 Dibromomethane	93	3.879	3.878	0.001	93	54884	20.0	20.6	
70 n-Butanol	56	3.903	3.895	0.008	91	71434	500.0	399.9	
71 1,2-Dichloropropane	63	3.969	3.961	0.008	87	86755	20.0	21.2	
72 Ethyl acrylate	55	4.043	4.043	0.000	97	124464	20.0	22.3	
73 Dichlorobromomethane	83	4.051	4.043	0.008	98	109865	20.0	20.2	
75 Methyl methacrylate	100	4.233	4.232	0.000	92	49868	40.0	39.2	
* 74 1,4-Dioxane-d8	96	4.224	4.232	-0.008	93	53787	1000.0	1000.0	M
76 1,4-Dioxane	88	4.257	4.273	-0.016	88	24189	400.0	377.6	
77 n-Propyl acetate	43	4.389	4.389	0.000	99	152375	20.0	22.3	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	96	31388	20.0	24.4	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	97	137500	20.0	20.8	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	641262	50.0	51.2	
81 Toluene	91	4.907	4.907	0.000	93	346595	20.0	21.2	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	181344	400.0	396.0	
83 2-Nitropropane	41	5.154	5.154	0.000	99	67141	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	94	76017	20.0	19.7	
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	99	531208	100.0	95.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	96	130640	20.0	20.9	
87 1,1,2-Trichloroethane	83	5.566	5.574	-0.008	91	61350	20.0	20.4	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	109294	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	96	77262	20.0	18.2	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	131567	20.0	21.1	
91 Ethylene Dibromide	107	6.002	6.002	0.000	99	71769	20.0	19.3	
92 n-Butyl acetate	43	6.356	6.356	0.000	97	158356	20.0	23.2	
93 2-Hexanone	43	6.405	6.413	-0.008	98	378779	100.0	91.9	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	561166	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	92	214355	20.0	20.1	
96 Ethylbenzene	106	6.792	6.792	0.000	99	114317	20.0	20.1	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.816	0.001	93	73931	20.0	18.9	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	97	139288	20.0	20.3	
99 o-Xylene	106	7.582	7.582	0.000	94	137073	20.0	19.9	
100 Bromoform	173	7.640	7.639	0.001	91	46751	20.0	15.4	
101 Styrene	104	7.664	7.664	0.000	93	218197	20.0	19.1	
102 n-Butyl acrylate	73	8.002	8.002	0.000	99	63544	20.0	21.0	
103 Isopropylbenzene	105	8.059	8.059	0.000	97	349608	20.0	20.4	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	88	190444	20.0	24.8	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	89	203406	50.0	46.1	
106 Bromobenzene	156	8.528	8.528	0.000	95	85455	20.0	19.3	
107 N-Propylbenzene	91	8.693	8.693	0.000	99	428535	20.0	23.0	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.841	-0.008	98	100951	20.0	22.0	
109 2-Chlorotoluene	91	8.858	8.857	0.001	98	283775	20.0	22.2	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	358428	NC	NC	
111 1,2,3-Trichloropropane	110	8.965	8.956	0.009	95	29053	20.0	18.8	
112 1,3,5-Trimethylbenzene	105	9.039	9.038	0.001	93	287107	20.0	21.3	
113 trans-1,4-Dichloro-2-buten	53	9.088	9.088	0.000	87	36308	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	98	267509	20.0	22.1	
115 tert-Butylbenzene	119	9.500	9.499	0.001	93	246819	20.0	21.6	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	98	307372	20.0	21.5	
117 Butyl Methacrylate	87	9.639	9.639	0.000	99	115056	20.0	21.6	
118 sec-Butylbenzene	105	9.788	9.787	0.001	98	372441	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	94	164959	20.0	20.0	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	97	329248	20.0	21.5	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	324895	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	91	172189	20.0	19.5	
123 2,3-Dihydroindene	117	10.471	10.470	0.001	94	327209	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	97	41603	20.0	21.0	
125 p-Diethylbenzene	119	10.676	10.676	0.000	93	186438	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.001	98	316507	20.0	23.2	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	94	167654	20.0	19.8	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	97	323359	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	89	22412	20.0	18.2	
130 1,3,5-Trichlorobenzene	180	11.936	11.935	0.001	95	125343	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	120846	20.0	18.8	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	86	35456	20.0	17.0	
133 Naphthalene	128	12.693	12.692	0.001	99	328485	20.0	20.3	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	94	110522	20.0	18.5	
S 135 1,2-Dichloroethene, Total	100				0		40.0	44.1	
S 136 1,3-Dichloropropene, Total	100				0		40.0	41.7	
S 137 Xylenes, Total	100				0		40.0	40.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	103.4	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

GASES Li_00174	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Oct-2016 13:22:50 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60713.D

Injection Date: 06-Oct-2016 07:19:30 Instrument ID: CVOAMS5 Operator ID:

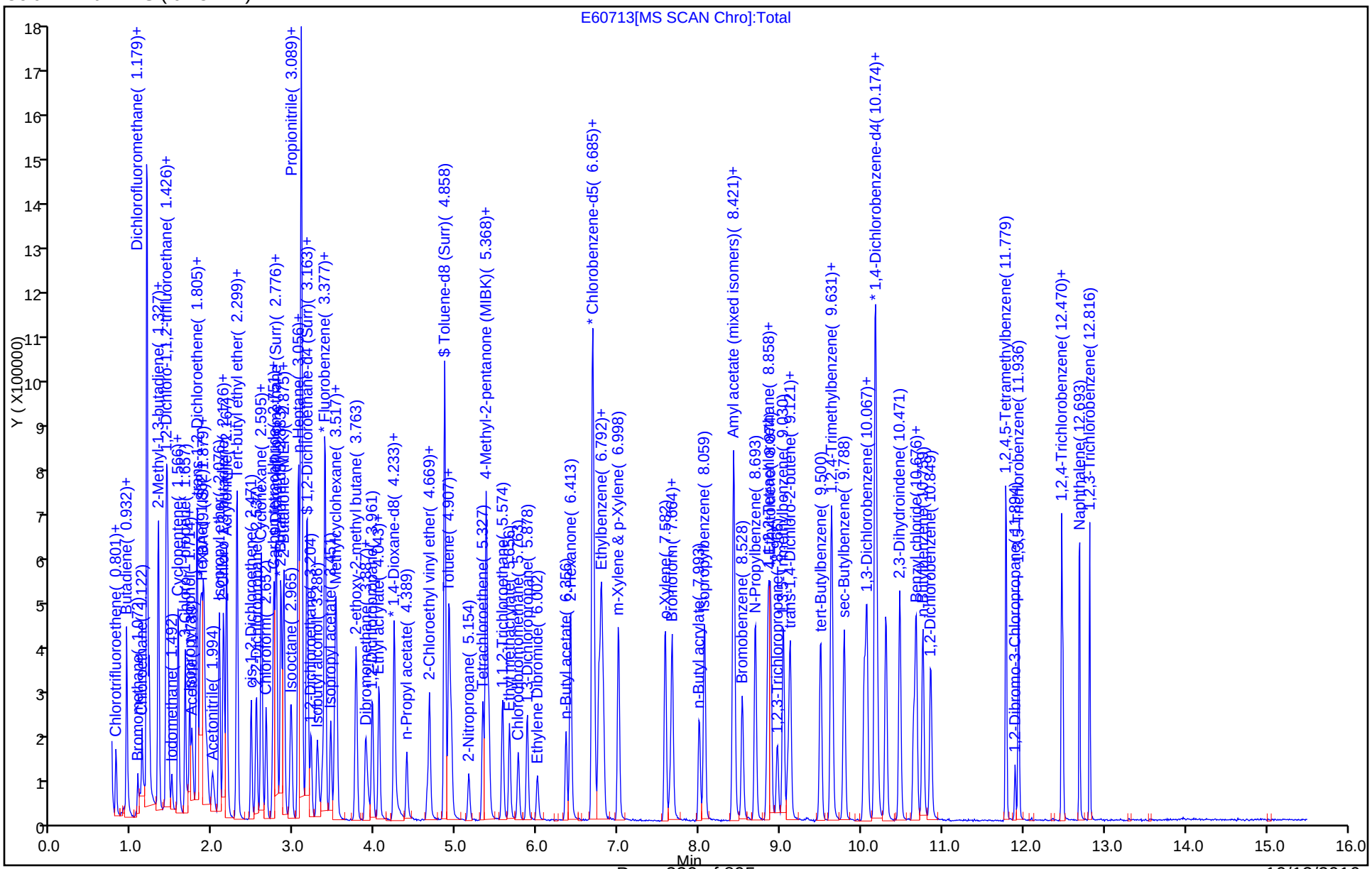
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

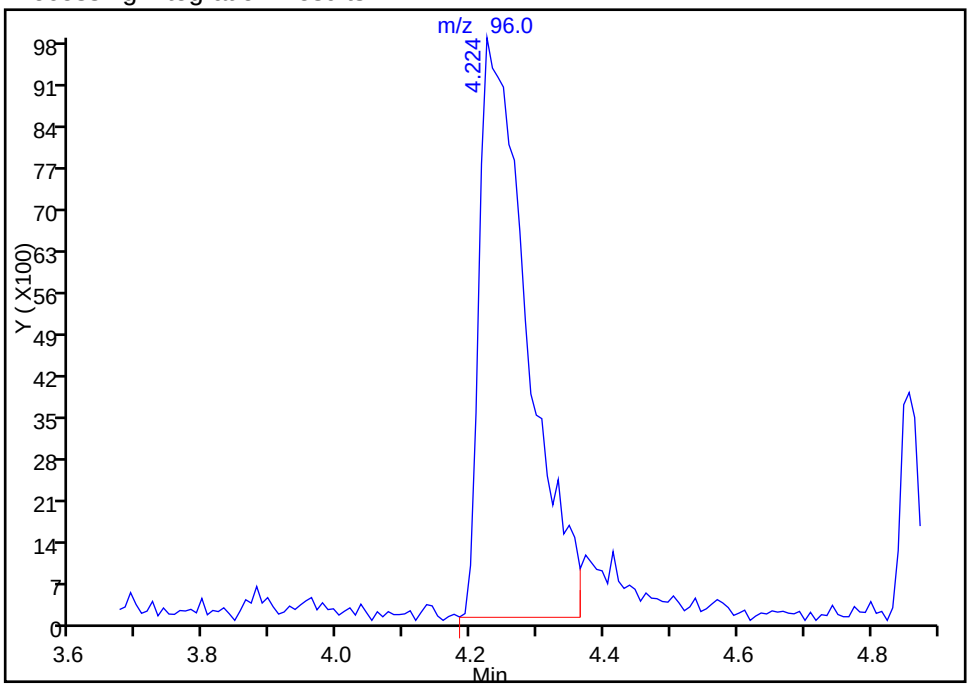
Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60713.D
Injection Date: 06-Oct-2016 07:19:30 Instrument ID: CVOAMS5
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_5 Limit Group: VOA 624 ICAL
Column: Rtx-VMS (0.18 mm) Detector MS SCAN

* 74 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

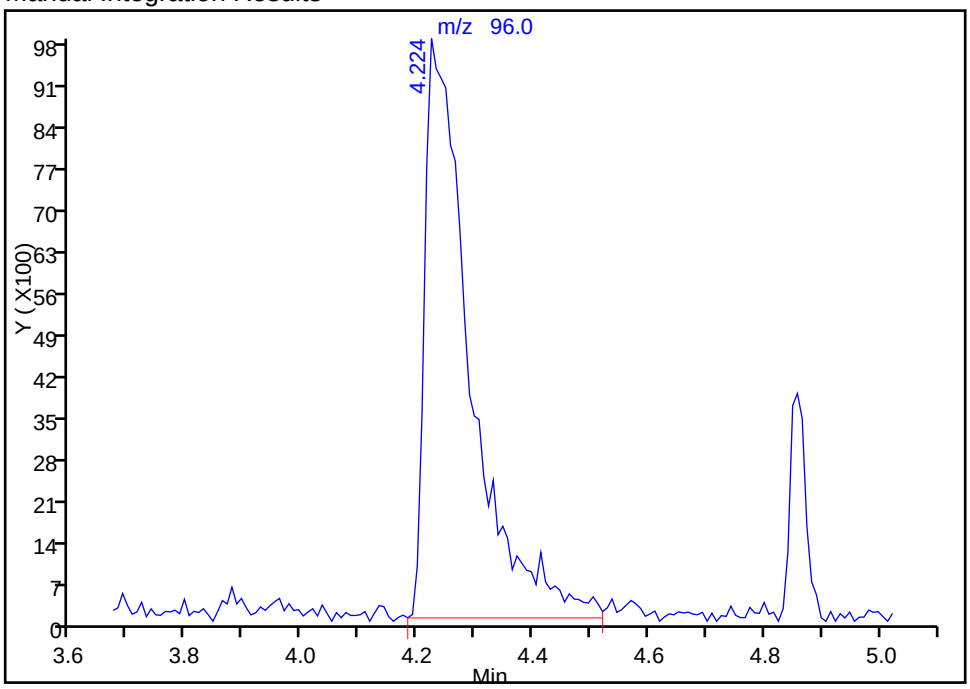
Processing Integration Results

RT: 4.22
Area: 48950
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 53787
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 06-Oct-2016 13:22:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-395281/5

Matrix: Water | Lab File ID: E60714.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 07:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	19.5		1.0	0.37
75-01-4	Vinyl chloride	21.4		1.0	0.060
74-83-9	Bromomethane	21.8		1.0	0.18
74-87-3	Chloromethane	20.6		1.0	0.22
67-64-1	Acetone	82.5		5.0	1.1
75-15-0	Carbon disulfide	22.3		1.0	0.22
75-09-2	Methylene Chloride	23.5		1.0	0.21
75-69-4	Trichlorofluoromethane	38.6		1.0	0.15
75-35-4	1,1-Dichloroethene	23.5		1.0	0.34
67-66-3	Chloroform	20.5		1.0	0.22
108-88-3	Toluene	20.6		1.0	0.25
71-43-2	Benzene	21.5		1.0	0.090
76-13-1	Freon TF	30.8		1.0	0.34
100-42-5	Styrene	18.6		1.0	0.17
75-25-2	Bromoform	14.6		1.0	0.18
110-82-7	Cyclohexane	29.3		1.0	0.26
56-23-5	Carbon tetrachloride	21.2		1.0	0.33
108-90-7	Chlorobenzene	19.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.19
120-82-1	1,2,4-Trichlorobenzene	18.4		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	18.0		1.0	0.35
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.22
541-73-1	1,3-Dichlorobenzene	19.3		1.0	0.33
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.33
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		1.0	0.23
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.080
108-10-1	4-Methyl-2-pentanone	95.1		5.0	0.63
123-91-1	p-Dioxane	369		50	8.7
107-06-2	1,2-Dichloroethane	20.9		1.0	0.25
78-93-3	2-Butanone	81.2		5.0	2.2
75-34-3	1,1-Dichloroethane	22.9		1.0	0.24
591-78-6	2-Hexanone	90.2		5.0	0.72
1634-04-4	MTBE	23.9		1.0	0.13
127-18-4	Tetrachloroethene	19.3		1.0	0.12
98-82-8	Isopropylbenzene	20.2		1.0	0.32
100-41-4	Ethylbenzene	19.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-395281/5

Matrix: Water | Lab File ID: E60714.D

Analysis Method: 624 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/06/2016 07:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395281 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	19.4		1.0	0.15
75-71-8	Dichlorodifluoromethane	25.2		1.0	0.14
79-20-9	Methyl acetate	89.5		5.0	0.58
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	21.9		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.16
1330-20-7	Xylenes, Total	38.8		2.0	0.28
79-01-6	Trichloroethene	19.8		1.0	0.22
108-87-2	Methylcyclohexane	26.3		1.0	0.22
71-55-6	1,1,1-Trichloroethane	21.2		1.0	0.28
78-87-5	1,2-Dichloropropane	20.7		1.0	0.18
124-48-1	Dibromochloromethane	18.0		1.0	0.22
106-93-4	1,2-Dibromoethane	19.3		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		48-130
2037-26-5	Toluene-d8 (Surr)	102		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	100		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60714.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 06-Oct-2016 07:45:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0046502-005
Operator ID: Instrument ID: CVOAMS5

Method: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\8260W_5.m
Limit Group: VOA 624 ICAL
Last Update: 06-Oct-2016 13:24:20 Calib Date: 01-Oct-2016 22:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS5\20161001-46290.b\E60492.D

Column 1 : Rtx-VMS (0.18 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: moroneyc Date: 06-Oct-2016 08:04:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.801	0.801	0.000	91	10982	NC	NC	
2 Dichlorodifluoromethane	85	0.809	0.809	0.000	98	93058	20.0	25.2	
3 Vinyl chloride	62	0.924	0.924	0.000	97	90273	20.0	21.4	
4 Butadiene	54	0.932	0.932	0.000	89	75589	NC	NC	
5 Chloromethane	50	0.932	0.932	0.000	79	120820	20.0	20.6	
6 Bromomethane	94	1.072	1.072	0.000	98	60193	20.0	21.8	
8 Chloroethane	64	1.122	1.122	0.000	98	87863	20.0	19.5	
9 Pentane	72	1.179	1.179	0.000	96	59358	40.0	84.4	
10 Trichlorofluoromethane	101	1.187	1.187	0.000	97	250181	20.0	38.6	
11 Dichlorofluoromethane	67	1.212	1.212	0.000	99	249464	NC	NC	M
12 2-Methyl-1,3-butadiene	67	1.319	1.319	0.000	97	151370	20.0	25.0	
13 Ethyl ether	59	1.327	1.327	0.000	94	89518	20.0	23.0	
15 1,2-Dichloro-1,1,2-trifluo	67	1.418	1.418	0.000	86	116191	NC	NC	
16 1,1-Dichloroethene	96	1.418	1.426	-0.008	97	84056	20.0	23.5	
17 Carbon disulfide	76	1.434	1.434	0.000	99	282133	20.0	22.3	
14 Ethanol	46	1.434	1.434	0.000	80	25287	800.0	667.8	
18 1,1,2-Trichloro-1,2,2-trif	101	1.443	1.442	0.001	97	87320	20.0	30.8	
19 Iodomethane	142	1.492	1.492	0.000	99	63050	20.0	16.8	
20 Cyclopentene	67	1.566	1.566	0.000	96	230428	NC	NC	
21 Acrolein	56	1.591	1.591	0.000	95	21555	40.0	26.8	
22 3-Chloro-1-propene	76	1.657	1.656	0.001	85	48808	20.0	23.4	
23 Isopropyl alcohol	45	1.689	1.689	0.000	93	72373	200.0	188.4	
24 Methylene Chloride	84	1.714	1.714	0.000	98	90389	20.0	23.5	
25 Acetone	58	1.739	1.739	0.000	85	46592	100.0	82.5	
26 trans-1,2-Dichloroethene	96	1.796	1.796	0.000	98	85256	20.0	21.9	
27 Methyl acetate	74	1.805	1.805	0.000	100	85379	100.0	89.5	
28 Hexane	57	1.838	1.838	0.000	75	195603	20.0	30.0	
29 Methyl tert-butyl ether	73	1.862	1.862	0.000	88	296645	20.0	23.9	
* 30 TBA-d9 (IS)	65	1.887	1.887	0.000	97	564228	1000.0	1000.0	
31 2-Methyl-2-propanol	59	1.928	1.928	0.000	99	106213	200.0	164.1	
32 Acetonitrile	41	1.994	1.994	0.000	98	127056	200.0	194.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	2.076	2.076	0.000	94	306787	20.0	24.3	
34 2-Chloro-1,3-butadiene	88	2.126	2.126	0.000	95	75875	NC	NC	
35 1,1-Dichloroethane	63	2.134	2.134	0.000	99	165462	20.0	22.9	
36 Acrylonitrile	53	2.167	2.167	0.000	93	362880	200.0	214.1	
37 Tert-butyl ethyl ether	59	2.290	2.290	0.000	60	286135	NC	NC	
38 Vinyl acetate	86	2.298	2.298	0.000	99	35901	40.0	48.9	
39 cis-1,2-Dichloroethene	96	2.471	2.471	0.000	94	82588	20.0	20.3	
40 2,2-Dichloropropane	77	2.529	2.537	-0.008	93	130475	20.0	23.0	
41 Cyclohexane	56	2.595	2.595	0.000	94	147552	20.0	29.3	
42 Chlorobromomethane	128	2.595	2.595	0.000	77	40245	20.0	19.0	
43 Chloroform	83	2.652	2.652	0.000	96	140749	20.0	20.5	
44 Carbon tetrachloride	117	2.735	2.743	-0.008	95	103900	20.0	21.2	
45 Ethyl acetate	70	2.751	2.751	0.000	98	21469	40.0	37.3	
46 Methyl acrylate	55	2.751	2.751	0.000	54	90500	NC	NC	
47 Tetrahydrofuran	42	2.759	2.759	0.000	93	91285	40.0	39.8	
$ 48 Dibromofluoromethane (Surr	113	2.776	2.776	0.000	95	167303	50.0	49.9	
49 1,1,1-Trichloroethane	97	2.784	2.784	0.000	99	122996	20.0	21.2	
* 50 2-Butanone-d5	46	2.833	2.833	0.000	98	506257	250.0	250.0	
51 2-Butanone (MEK)	72	2.866	2.866	0.000	99	60959	100.0	81.2	
52 1,1-Dichloropropene	75	2.875	2.874	0.000	91	128546	20.0	21.1	
53 Isooctane	57	2.965	2.965	0.000	96	221899	NC	NC	
54 n-Heptane	57	3.056	3.056	0.000	57	56409	20.0	28.0	
55 Benzene	78	3.056	3.056	0.000	98	330117	20.0	21.5	
56 Propionitrile	54	3.072	3.072	0.000	98	136295	NC	NC	
57 Methacrylonitrile	67	3.088	3.088	0.000	94	405474	NC	NC	
$ 58 1,2-Dichloroethane-d4 (Sur	65	3.154	3.154	0.000	97	228645	50.0	54.1	
59 Tert-amyl methyl ether	73	3.163	3.162	0.001	97	258759	NC	NC	
60 1,2-Dichloroethane	62	3.212	3.212	0.000	97	128089	20.0	20.9	
61 Isobutyl alcohol	43	3.286	3.286	0.000	98	115058	NC	NC	
62 t-Amyl alcohol	59	3.352	3.352	0.000	97	81486	NC	NC	
* 63 Fluorobenzene	96	3.377	3.376	0.001	98	645105	50.0	50.0	
65 Isopropyl acetate	43	3.451	3.451	0.000	98	201055	20.0	22.4	
66 Methylcyclohexane	83	3.508	3.508	0.000	93	131142	20.0	26.3	
67 Trichloroethene	95	3.525	3.525	0.000	95	80674	20.0	19.8	
68 2-ethoxy-2-methyl butane	59	3.763	3.763	0.000	96	215728	NC	NC	
69 Dibromomethane	93	3.879	3.878	0.001	95	54476	20.0	20.0	
70 n-Butanol	56	3.903	3.895	0.008	93	68098	500.0	379.9	
71 1,2-Dichloropropane	63	3.969	3.961	0.008	87	86570	20.0	20.7	
72 Ethyl acrylate	55	4.043	4.043	0.000	98	121596	20.0	21.3	
73 Dichlorobromomethane	83	4.051	4.043	0.008	97	107729	20.0	19.4	
75 Methyl methacrylate	100	4.232	4.232	0.000	92	50777	40.0	39.1	
* 74 1,4-Dioxane-d8	96	4.224	4.232	-0.008	42	53532	1000.0	1000.0	
76 1,4-Dioxane	88	4.265	4.273	-0.008	70	23504	400.0	368.7	
77 n-Propyl acetate	43	4.389	4.389	0.000	100	148029	20.0	21.2	
78 2-Chloroethyl vinyl ether	63	4.644	4.644	0.000	95	24629	20.0	18.8	
79 cis-1,3-Dichloropropene	75	4.669	4.669	0.000	98	133791	20.0	19.8	
$ 80 Toluene-d8 (Surr)	98	4.858	4.858	0.000	98	653288	50.0	51.1	
81 Toluene	91	4.907	4.907	0.000	93	343093	20.0	20.6	
82 Epichlorohydrin	57	4.940	4.940	0.000	99	171658	400.0	378.3	
83 2-Nitropropane	41	5.154	5.154	0.000	100	63448	NC	NC	
84 Tetrachloroethene	166	5.327	5.327	0.000	94	76066	20.0	19.3	
85 4-Methyl-2-pentanone (MIBK	43	5.368	5.368	0.000	99	522709	100.0	95.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.401	5.401	0.000	95	128251	20.0	20.1	
87 1,1,2-Trichloroethane	83	5.574	5.574	0.000	92	60850	20.0	19.8	
88 Ethyl methacrylate	69	5.656	5.656	0.000	90	107913	NC	NC	
89 Chlorodibromomethane	129	5.763	5.763	0.000	97	77738	20.0	18.0	
90 1,3-Dichloropropane	76	5.878	5.878	0.000	96	132616	20.0	20.9	
91 Ethylene Dibromide	107	6.002	6.002	0.000	97	73093	20.0	19.3	
92 n-Butyl acetate	43	6.356	6.356	0.000	97	153417	20.0	22.1	
93 2-Hexanone	43	6.413	6.413	0.000	97	368598	100.0	90.2	
* 94 Chlorobenzene-d5	117	6.685	6.685	0.000	90	572935	50.0	50.0	
95 Chlorobenzene	112	6.701	6.701	0.000	93	214187	20.0	19.6	
96 Ethylbenzene	106	6.792	6.792	0.000	99	113826	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	6.817	6.816	0.001	92	71943	20.0	18.0	
98 m-Xylene & p-Xylene	106	6.998	6.998	0.000	98	136985	20.0	19.5	
99 o-Xylene	106	7.582	7.582	0.000	93	135831	20.0	19.3	
100 Bromoform	173	7.640	7.639	0.001	91	45307	20.0	14.6	
101 Styrene	104	7.664	7.664	0.000	94	216932	20.0	18.6	
102 n-Butyl acrylate	73	8.002	8.002	0.000	99	63834	20.0	20.6	
103 Isopropylbenzene	105	8.059	8.059	0.000	96	352031	20.0	20.2	
104 Amyl acetate (mixed isomer	43	8.413	8.413	0.000	89	185356	20.0	23.7	
$ 105 4-Bromofluorobenzene	174	8.430	8.430	0.000	88	207680	50.0	46.1	
106 Bromobenzene	156	8.528	8.528	0.000	95	85240	20.0	18.9	
107 N-Propylbenzene	91	8.693	8.693	0.000	98	424880	20.0	22.4	
108 1,1,2,2-Tetrachloroethane	83	8.833	8.841	-0.008	96	97451	20.0	20.9	
109 2-Chlorotoluene	91	8.858	8.857	0.001	98	282371	20.0	21.7	
110 4-Ethyltoluene	105	8.882	8.882	0.000	98	352044	NC	NC	
111 1,2,3-Trichloropropane	110	8.964	8.956	0.008	94	30058	20.0	19.1	
112 1,3,5-Trimethylbenzene	105	9.039	9.038	0.001	93	290055	20.0	21.1	
113 trans-1,4-Dichloro-2-buten	53	9.096	9.088	0.008	85	37234	NC	NC	
114 4-Chlorotoluene	91	9.121	9.121	0.000	98	258536	20.0	21.0	
115 tert-Butylbenzene	119	9.499	9.499	0.000	94	241275	20.0	20.7	
116 1,2,4-Trimethylbenzene	105	9.623	9.623	0.000	97	303953	20.0	20.9	
117 Butyl Methacrylate	87	9.639	9.639	0.000	99	112760	20.0	20.8	
118 sec-Butylbenzene	105	9.787	9.787	0.000	98	365405	20.0	21.7	
119 1,3-Dichlorobenzene	146	10.034	10.034	0.000	94	162402	20.0	19.3	
120 4-Isopropyltoluene	119	10.067	10.067	0.000	98	322430	20.0	20.7	
* 121 1,4-Dichlorobenzene-d4	152	10.166	10.166	0.000	97	330510	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.191	10.191	0.000	94	171873	20.0	19.1	
123 2,3-Dihydroindene	117	10.471	10.470	0.001	94	324696	NC	NC	
124 Benzyl chloride	126	10.643	10.643	0.000	97	40320	20.0	20.0	
125 p-Diethylbenzene	119	10.676	10.676	0.000	93	181709	NC	NC	
126 n-Butylbenzene	91	10.759	10.759	0.001	98	307159	20.0	22.1	
127 1,2-Dichlorobenzene	146	10.857	10.857	0.000	93	162195	20.0	18.8	
128 1,2,4,5-Tetramethylbenzene	119	11.779	11.779	0.000	97	318996	NC	NC	
129 1,2-Dibromo-3-Chloropropan	157	11.894	11.894	0.000	87	21594	20.0	17.2	
130 1,3,5-Trichlorobenzene	180	11.935	11.935	0.000	95	123476	NC	NC	
131 1,2,4-Trichlorobenzene	180	12.470	12.470	0.000	93	120366	20.0	18.4	
132 Hexachlorobutadiene	225	12.487	12.487	0.000	87	35682	20.0	16.8	
133 Naphthalene	128	12.693	12.692	0.001	99	328086	20.0	20.0	
134 1,2,3-Trichlorobenzene	180	12.816	12.816	0.000	95	109905	20.0	18.0	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.1	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.9	
S 137 Xylenes, Total	100				0		40.0	38.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	100.5	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated

Reagents:

GASES Li_00174	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00043	Amount Added:	20.00	Units: uL	
ACROLEIN W_00056	Amount Added:	4.00	Units: uL	
8260ISNEW_00089	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00141	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Oct-2016 13:25:03 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS5\20161006-46502.b\E60714.D

Injection Date: 06-Oct-2016 07:45:30 Instrument ID: CVOAMS5 Operator ID:

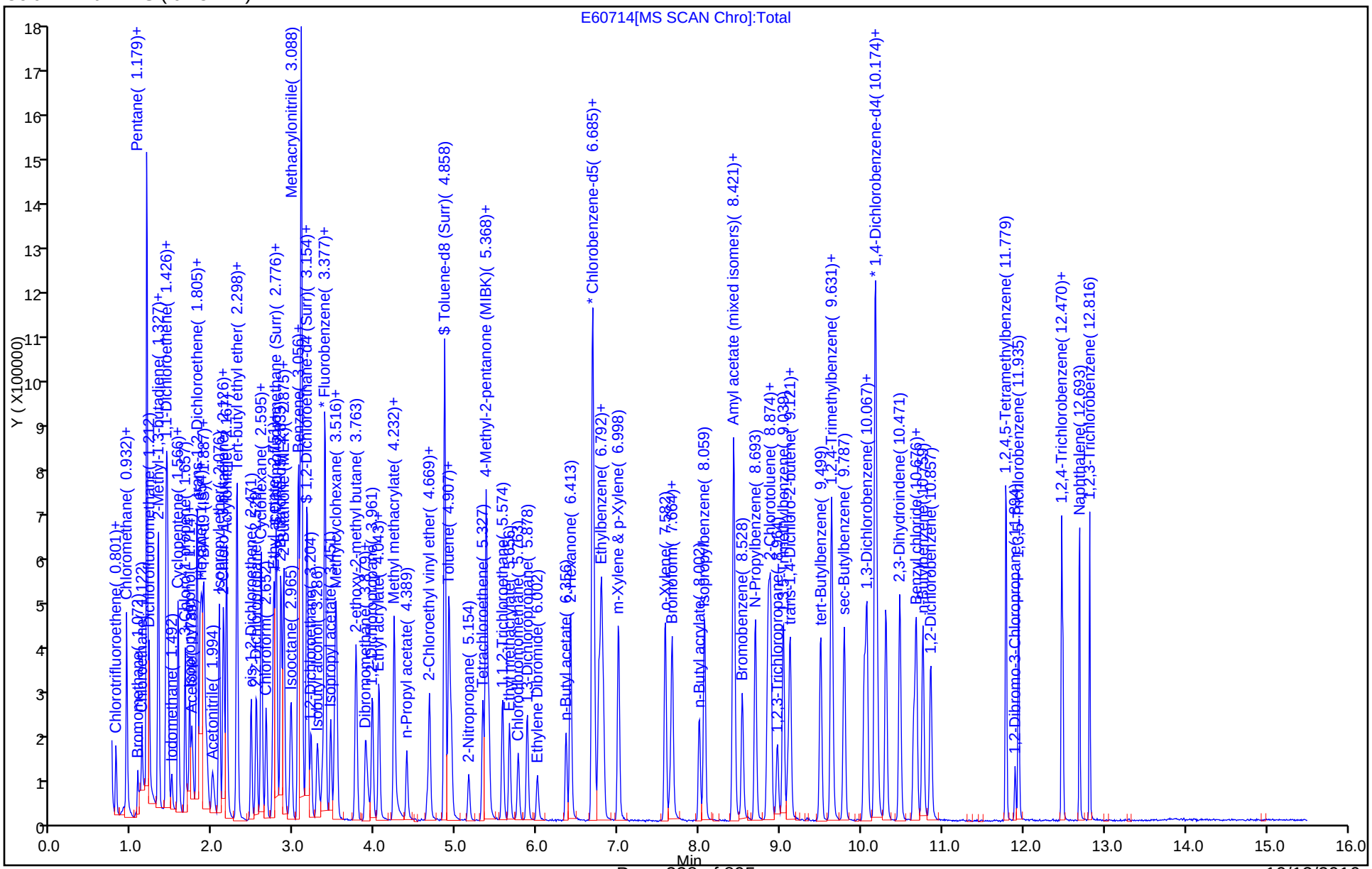
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_5 Limit Group: VOA 624 ICAL

Column: Rtx-VMS (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-B-2 MS

Matrix: Water | Lab File ID: E60685.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 18:27

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	244		10	3.7
75-01-4	Vinyl chloride	203		10	0.60
74-83-9	Bromomethane	188		10	1.8
74-87-3	Chloromethane	187		10	2.2
67-64-1	Acetone	744		50	11
75-15-0	Carbon disulfide	210		10	2.2
75-09-2	Methylene Chloride	207		10	2.1
75-69-4	Trichlorofluoromethane	370		10	1.5
75-35-4	1,1-Dichloroethene	214		10	3.4
67-66-3	Chloroform	201		10	2.2
108-88-3	Toluene	201		10	2.5
71-43-2	Benzene	214		10	0.90
76-13-1	Freon TF	288		10	3.4
100-42-5	Styrene	184		10	1.7
75-25-2	Bromoform	142		10	1.8
110-82-7	Cyclohexane	279		10	2.6
56-23-5	Carbon tetrachloride	202		10	3.3
108-90-7	Chlorobenzene	189		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	195		10	1.9
120-82-1	1,2,4-Trichlorobenzene	168		10	2.7
87-61-6	1,2,3-Trichlorobenzene	157		10	3.5
95-50-1	1,2-Dichlorobenzene	185		10	2.2
541-73-1	1,3-Dichlorobenzene	191		10	3.3
106-46-7	1,4-Dichlorobenzene	190		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	156		10	2.3
79-00-5	1,1,2-Trichloroethane	192		10	0.80
108-10-1	4-Methyl-2-pentanone	950		50	6.3
123-91-1	p-Dioxane	3840		500	87
107-06-2	1,2-Dichloroethane	202		10	2.5
78-93-3	2-Butanone	826		50	22
75-34-3	1,1-Dichloroethane	222		10	2.4
591-78-6	2-Hexanone	881		50	7.2
1634-04-4	MTBE	222		10	1.3
127-18-4	Tetrachloroethene	185		10	1.2
98-82-8	Isopropylbenzene	196		10	3.2
100-41-4	Ethylbenzene	196		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-B-2 MS

Matrix: Water | Lab File ID: E60685.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 18:27

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	191		10	1.5
75-71-8	Dichlorodifluoromethane	237		10	1.4
79-20-9	Methyl acetate	963		50	5.8
10061-02-6	trans-1,3-Dichloropropene	191		10	1.9
156-60-5	trans-1,2-Dichloroethene	208		10	1.8
156-59-2	cis-1,2-Dichloroethene	195		10	2.6
10061-01-5	cis-1,3-Dichloropropene	193		10	1.6
1330-20-7	Xylenes, Total	394		20	2.8
79-01-6	Trichloroethene	192		10	2.2
108-87-2	Methylcyclohexane	260		10	2.2
71-55-6	1,1,1-Trichloroethane	211		10	2.8
78-87-5	1,2-Dichloropropane	203		10	1.8
124-48-1	Dibromochloromethane	176		10	2.2
106-93-4	1,2-Dibromoethane	184		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		48-130
2037-26-5	Toluene-d8 (Surr)	97		80-120
460-00-4	Bromofluorobenzene	88		71-131
1868-53-7	Dibromofluoromethane (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-B-2 MSD

Matrix: Water | Lab File ID: E60686.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 18:53

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-00-3	Ethyl Chloride	257		10	3.7
75-01-4	Vinyl chloride	206		10	0.60
74-83-9	Bromomethane	209		10	1.8
74-87-3	Chloromethane	199		10	2.2
67-64-1	Acetone	737		50	11
75-15-0	Carbon disulfide	217		10	2.2
75-09-2	Methylene Chloride	234		10	2.1
75-69-4	Trichlorofluoromethane	386		10	1.5
75-35-4	1,1-Dichloroethene	222		10	3.4
67-66-3	Chloroform	205		10	2.2
108-88-3	Toluene	210		10	2.5
71-43-2	Benzene	216		10	0.90
76-13-1	Freon TF	301		10	3.4
100-42-5	Styrene	186		10	1.7
75-25-2	Bromoform	145		10	1.8
110-82-7	Cyclohexane	298		10	2.6
56-23-5	Carbon tetrachloride	213		10	3.3
108-90-7	Chlorobenzene	197		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	205		10	1.9
120-82-1	1,2,4-Trichlorobenzene	177		10	2.7
87-61-6	1,2,3-Trichlorobenzene	168		10	3.5
95-50-1	1,2-Dichlorobenzene	192		10	2.2
541-73-1	1,3-Dichlorobenzene	195		10	3.3
106-46-7	1,4-Dichlorobenzene	188		10	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	162		10	2.3
79-00-5	1,1,2-Trichloroethane	198		10	0.80
108-10-1	4-Methyl-2-pentanone	970		50	6.3
123-91-1	p-Dioxane	3910		500	87
107-06-2	1,2-Dichloroethane	212		10	2.5
78-93-3	2-Butanone	826		50	22
75-34-3	1,1-Dichloroethane	223		10	2.4
591-78-6	2-Hexanone	894		50	7.2
1634-04-4	MTBE	225		10	1.3
127-18-4	Tetrachloroethene	192		10	1.2
98-82-8	Isopropylbenzene	202		10	3.2
100-41-4	Ethylbenzene	196		10	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-121202-B-2 MSD

Matrix: Water | Lab File ID: E60686.D

Analysis Method: 624 | Date Collected: 09/30/2016 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 10/05/2016 18:53

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 395000 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Bromodichloromethane	198		10	1.5
75-71-8	Dichlorodifluoromethane	247		10	1.4
79-20-9	Methyl acetate	959		50	5.8
10061-02-6	trans-1,3-Dichloropropene	198		10	1.9
156-60-5	trans-1,2-Dichloroethene	215		10	1.8
156-59-2	cis-1,2-Dichloroethene	205		10	2.6
10061-01-5	cis-1,3-Dichloropropene	198		10	1.6
1330-20-7	Xylenes, Total	400		20	2.8
79-01-6	Trichloroethene	196		10	2.2
108-87-2	Methylcyclohexane	270		10	2.2
71-55-6	1,1,1-Trichloroethane	222		10	2.8
78-87-5	1,2-Dichloropropane	211		10	1.8
124-48-1	Dibromochloromethane	176		10	2.2
106-93-4	1,2-Dibromoethane	189		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		48-130
2037-26-5	Toluene-d8 (Surr)	104		80-120
460-00-4	Bromofluorobenzene	92		71-131
1868-53-7	Dibromofluoromethane (Surr)	103		80-120

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 10/01/2016 15:29

Analysis Batch Number: 394260 End Date: 10/02/2016 00:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-394260/1		10/01/2016 15:29	1	E60479.D	Rtx-VMS 0.18(mm)
STD8 460-394260/2 IC		10/01/2016 15:43	1	E60480.D	Rtx-VMS 0.18(mm)
STD5 460-394260/4 IC		10/01/2016 16:41	1	E60482.D	Rtx-VMS 0.18(mm)
STD20 460-394260/5 ICIS		10/01/2016 17:09	1	E60483.D	Rtx-VMS 0.18(mm)
STD50 460-394260/6 IC		10/01/2016 17:35	1	E60484.D	Rtx-VMS 0.18(mm)
STD200 460-394260/7 IC		10/01/2016 18:01	1	E60485.D	Rtx-VMS 0.18(mm)
STD500 460-394260/8 IC		10/01/2016 18:27	1	E60486.D	Rtx-VMS 0.18(mm)
STD1 460-394260/14 IC		10/01/2016 22:47	1	E60492.D	Rtx-VMS 0.18(mm)
ICV 460-394260/18		10/02/2016 00:31	1		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 10/05/2016 06:59

Analysis Batch Number: 395000 End Date: 10/06/2016 03:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-395000/1		10/05/2016 06:59	1	E60659.D	Rtx-VMS 0.18(mm)
CCVIS 460-395000/3		10/05/2016 07:52	1	E60661.D	Rtx-VMS 0.18(mm)
LCS 460-395000/4		10/05/2016 08:20	1	E60662.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 08:46	1		Rtx-VMS 0.18(mm)
MB 460-395000/8		10/05/2016 10:04	1	E60666.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 14:08	1		Rtx-VMS 0.18(mm)
460-121202-B-2 MS		10/05/2016 18:27	10	E60685.D	Rtx-VMS 0.18(mm)
460-121202-B-2 MSD		10/05/2016 18:53	10	E60686.D	Rtx-VMS 0.18(mm)
460-121208-8		10/05/2016 20:10	1	E60689.D	Rtx-VMS 0.18(mm)
460-121208-7		10/05/2016 20:36	1	E60690.D	Rtx-VMS 0.18(mm)
460-121208-6		10/05/2016 21:02	1	E60691.D	Rtx-VMS 0.18(mm)
460-121208-5		10/05/2016 21:28	1	E60692.D	Rtx-VMS 0.18(mm)
460-121208-4		10/05/2016 21:53	1	E60693.D	Rtx-VMS 0.18(mm)
460-121208-2		10/05/2016 22:45	1	E60695.D	Rtx-VMS 0.18(mm)
460-121208-1		10/05/2016 23:11	1	E60696.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/05/2016 23:36	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 00:02	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 00:28	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 00:53	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 01:19	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 01:45	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 02:11	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 02:37	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 03:03	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 03:29	2		Rtx-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CVOAMS5 Start Date: 10/06/2016 06:02

Analysis Batch Number: 395281 End Date: 10/07/2016 04:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-395281/1		10/06/2016 06:02	1	E60710.D	Rtx-VMS 0.18(mm)
CCVIS 460-395281/3		10/06/2016 06:52	1	E60712.D	Rtx-VMS 0.18(mm)
LCS 460-395281/4		10/06/2016 07:19	1	E60713.D	Rtx-VMS 0.18(mm)
LCSD 460-395281/5		10/06/2016 07:45	1	E60714.D	Rtx-VMS 0.18(mm)
MB 460-395281/8		10/06/2016 09:03	1	E60717.D	Rtx-VMS 0.18(mm)
460-121208-3		10/06/2016 09:36	1	E60718.D	Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 10:02	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 10:28	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 10:54	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 11:46	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 12:12	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 13:04	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 18:41	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 19:06	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 20:24	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 20:50	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 21:15	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 21:41	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 22:07	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 22:33	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 22:59	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 23:24	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/06/2016 23:50	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 00:16	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 00:41	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 01:07	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 01:33	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 01:59	1		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 02:25	1000		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 02:51	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 03:43	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 04:09	10		Rtx-VMS 0.18(mm)
ZZZZZ		10/07/2016 04:35	10		Rtx-VMS 0.18(mm)

Method 625

Semivolatile Organic Compounds (GC/MS) by Method 625

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
MW-14	460-121208-1	55	51	46
MW-9	460-121208-2	55	55	46
MW-14 Filtered	460-121208-3	50	45	40
MW-22	460-121208-4	73	71	55
MW-18	460-121208-5	73	68	56
MW-18 Filtered	460-121208-6	74	62	55
FB_20160930	460-121208-7	75	62	66
	MB 460-394928/1-A	57	50	54
	LCS 460-394928/2-A	62	58	56
	LCSD 460-394928/3-A	64	60	61

	QC LIMITS
NBZ = Nitrobenzene-d5	49-125
FBP = 2-Fluorobiphenyl	44-129
TPHL = Terphenyl-d14	28-150

Column to be used to flag recovery values

FORM II 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U30374.D

Lab ID: LCS 460-394928/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	49.4	62	12-158	
1,3-Dichlorobenzene	80.0	41.0	51	0.1-172	
1,4-Dichlorobenzene	80.0	41.9	52	20-124	
1,2-Dichlorobenzene	80.0	41.8	52	32-129	
N-Nitrosodi-n-propylamine	80.0	55.6	69	0.1-230	
Hexachloroethane	80.0	33.1	41	40-113	
Nitrobenzene	80.0	51.8	65	35-180	
Isophorone	80.0	50.1	63	21-196	
Bis(2-chloroethoxy)methane	80.0	55.5	69	33-184	
1,2,4-Trichlorobenzene	80.0	36.7	46	44-142	
Naphthalene	80.0	49.0	61	21-133	
4-Chloroaniline	80.0	57.8	72	49-117	
Hexachlorobutadiene	80.0	40.1	50	24-116	
2-Methylnaphthalene	80.0	48.8	61	56-113	
Hexachlorocyclopentadiene	80.0	35.0	44	27-124	
2-Chloronaphthalene	80.0	47.3	59	60-118	*
2-Nitroaniline	80.0	44.6	56	54-128	
Dimethyl phthalate	80.0	59.3	74	0.1-112	
Acenaphthylene	80.0	50.7	63	33-145	
2,6-Dinitrotoluene	80.0	64.0	80	50-158	
3-Nitroaniline	80.0	57.7	72	51-130	
Acenaphthene	80.0	48.5	61	47-145	
Dibenzofuran	80.0	50.2	63	59-121	
2,4-Dinitrotoluene	80.0	63.1	79	39-139	
Diethyl phthalate	80.0	57.3	72	0.1-114	
4-Chlorophenyl phenyl ether	80.0	50.1	63	25-158	
Fluorene	80.0	48.2	60	59-121	
4-Nitroaniline	80.0	51.3	64	48-136	
N-Nitrosodiphenylamine	80.0	67.0	84	53-130	
4-Bromophenyl phenyl ether	80.0	59.1	74	53-127	
Hexachlorobenzene	80.0	63.5	79	0.1-152	
Phenanthrene	80.0	60.5	76	54-120	
Anthracene	80.0	57.7	72	27-133	
Carbazole	80.0	63.6	80	64-129	
Di-n-butyl phthalate	80.0	60.1	75	1-118	
Fluoranthene	80.0	55.5	69	26-137	
Pyrene	80.0	53.4	67	52-115	
Butyl benzyl phthalate	80.0	65.3	82	0.1-152	
3,3'-Dichlorobenzidine	80.0	72.9	91	0.1-262	
Benzo[a]anthracene	80.0	55.9	70	33-143	
Chrysene	80.0	62.3	78	17-168	
Bis(2-ethylhexyl) phthalate	80.0	64.1	80	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U30374.D

Lab ID: LCS 460-394928/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	49.9	62	4-146	
Benzo[b]fluoranthene	80.0	56.6	71	24-159	
Benzo[k]fluoranthene	80.0	48.1	60	11-162	
Benzo[a]pyrene	80.0	62.2	78	17-163	
Indeno[1,2,3-cd]pyrene	80.0	80.4	100	0.1-171	
Dibenz(a,h)anthracene	80.0	78.7	98	0.1-227	
Benzo[g,h,i]perylene	80.0	81.8	102	0.1-219	
bis (2-chloroisopropyl) ether	80.0	51.4	64	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U30375.D

Lab ID: LCSD 460-394928/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Bis(2-chloroethyl)ether	80.0	54.2	68	9	40	12-158	
1,3-Dichlorobenzene	80.0	42.1	53	3	40	0.1-172	
1,4-Dichlorobenzene	80.0	42.9	54	2	40	20-124	
1,2-Dichlorobenzene	80.0	43.1	54	3	40	32-129	
N-Nitrosodi-n-propylamine	80.0	59.0	74	6	40	0.1-230	
Hexachloroethane	80.0	34.7	43	5	40	40-113	
Nitrobenzene	80.0	51.7	65	0	40	35-180	
Isophorone	80.0	52.3	65	4	40	21-196	
Bis(2-chloroethoxy)methane	80.0	56.9	71	3	40	33-184	
1,2,4-Trichlorobenzene	80.0	37.1	46	1	40	44-142	
Naphthalene	80.0	49.0	61	0	40	21-133	
4-Chloroaniline	80.0	57.7	72	0	40	49-117	
Hexachlorobutadiene	80.0	39.1	49	2	40	24-116	
2-Methylnaphthalene	80.0	47.9	60	2	40	56-113	
Hexachlorocyclopentadiene	80.0	36.4	45	4	40	27-124	
2-Chloronaphthalene	80.0	49.0	61	3	40	60-118	
2-Nitroaniline	80.0	46.1	58	3	40	54-128	
Dimethyl phthalate	80.0	56.5	71	5	40	0.1-112	
Acenaphthylene	80.0	53.6	67	6	40	33-145	
2,6-Dinitrotoluene	80.0	63.4	79	1	40	50-158	
3-Nitroaniline	80.0	57.6	72	0	40	51-130	
Acenaphthene	80.0	48.3	60	1	40	47-145	
Dibenzofuran	80.0	48.0	60	4	40	59-121	
2,4-Dinitrotoluene	80.0	62.5	78	1	40	39-139	
Diethyl phthalate	80.0	57.6	72	1	40	0.1-114	
4-Chlorophenyl phenyl ether	80.0	51.6	64	3	40	25-158	
Fluorene	80.0	49.5	62	3	40	59-121	
4-Nitroaniline	80.0	50.6	63	1	40	48-136	
N-Nitrosodiphenylamine	80.0	70.0	87	4	40	53-130	
4-Bromophenyl phenyl ether	80.0	62.6	78	6	40	53-127	
Hexachlorobenzene	80.0	64.4	80	1	40	0.1-152	
Phenanthrene	80.0	59.5	74	2	40	54-120	
Anthracene	80.0	57.1	71	1	40	27-133	
Carbazole	80.0	58.8	74	8	40	64-129	
Di-n-butyl phthalate	80.0	59.2	74	1	40	1-118	
Fluoranthene	80.0	55.8	70	1	40	26-137	
Pyrene	80.0	52.2	65	2	40	52-115	
Butyl benzyl phthalate	80.0	67.0	84	3	40	0.1-152	
3,3'-Dichlorobenzidine	80.0	77.6	97	6	40	0.1-262	
Benzo[a]anthracene	80.0	59.1	74	6	40	33-143	
Chrysene	80.0	63.3	79	2	40	17-168	
Bis(2-ethylhexyl) phthalate	80.0	64.2	80	0	40	8-158	

Column to be used to flag recovery and RPD values

FORM III 625

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: U30375.D

Lab ID: LCSD 460-394928/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Di-n-octyl phthalate	80.0	53.0	66	6	40	4-146	
Benzo[b]fluoranthene	80.0	55.6	70	2	40	24-159	
Benzo[k]fluoranthene	80.0	61.0	76	24	40	11-162	
Benzo[a]pyrene	80.0	63.2	79	2	40	17-163	
Indeno[1,2,3-cd]pyrene	80.0	89.8	112	11	40	0.1-171	
Dibenz(a,h)anthracene	80.0	82.7	103	5	40	0.1-227	
Benzo[g,h,i]perylene	80.0	85.4	107	4	40	0.1-219	
bis (2-chloroisopropyl) ether	80.0	59.1	74	14	40	36-166	

Column to be used to flag recovery and RPD values

FORM III 625

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: U30373.D Lab Sample ID: MB 460-394928/1-A

Matrix: Water Date Extracted: 10/04/2016 20:14

Instrument ID: CBNAMS4 Date Analyzed: 10/11/2016 17:07

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-394928/2-A	U30374.D	10/11/2016 17:27
	LCSD 460-394928/3-A	U30375.D	10/11/2016 17:47
MW-9	460-121208-2	U30378.D	10/11/2016 18:48
MW-22	460-121208-4	U30379.D	10/11/2016 19:08
MW-18	460-121208-5	U30380.D	10/11/2016 19:28
MW-18 Filtered	460-121208-6	U30381.D	10/11/2016 19:48
FB_20160930	460-121208-7	U30382.D	10/11/2016 20:08
MW-14 Filtered	460-121208-3	U30384.D	10/11/2016 20:48
MW-14	460-121208-1	U30396.D	10/12/2016 00:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: U30049.D DFTPP Injection Date: 10/06/2016

Instrument ID: CBNAMS4 DFTPP Injection Time: 10:24

Analysis Batch No.: 395361

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.0	
68	Less than 2.0 % of mass 69	0.0	(0.0) 1
69	Mass 69 relative abundance	60.7	
70	Less than 2.0 % of mass 69	0.4	(0.6) 1
127	40.0 - 60.0 % of mass 198	49.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.0	
275	10.0 - 30.0 % of mass 198	19.5	
365	Greater than 1.0 % of mass 198	3.2	
441	Present but less than mass 443	10.0	(80.6) 3
442	Greater than 40.0 % of mass 198	61.5	
443	17.0 - 23.0 % of mass 442	12.4	(20.1) 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 460-395361/2	U30050.D	10/06/2016	10:46
	STD24 460-395361/3	U30051.D	10/06/2016	11:20
	STD16 460-395361/4	U30052.D	10/06/2016	11:42
	STD4 460-395361/5	U30053.D	10/06/2016	12:04
	STD2 460-395361/6	U30054.D	10/06/2016	12:26
	STD1 460-395361/7	U30055.D	10/06/2016	12:48
	STD02 460-395361/8	U30056.D	10/06/2016	13:10
	STD01 460-395361/9	U30057.D	10/06/2016	13:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab File ID: U30331.D DFTPP Injection Date: 10/11/2016

Instrument ID: CBNAMS4 DFTPP Injection Time: 02:04

Analysis Batch No.: 396356

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	50.2	
70	Less than 2.0 % of mass 69	0.2	(0.3) 1
127	40.0 - 60.0 % of mass 198	48.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.2	
275	10.0 - 30.0 % of mass 198	18.1	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	8.9	(80.1) 3
442	Greater than 40.0 % of mass 198	57.0	
443	17.0 - 23.0 % of mass 442	11.1	(19.5) 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 460-396356/2	U30332A.D	10/11/2016	02:53
	MB 460-394928/1-A	U30373.D	10/11/2016	17:07
	LCS 460-394928/2-A	U30374.D	10/11/2016	17:27
	LCSD 460-394928/3-A	U30375.D	10/11/2016	17:47
MW-9	460-121208-2	U30378.D	10/11/2016	18:48
MW-22	460-121208-4	U30379.D	10/11/2016	19:08
MW-18	460-121208-5	U30380.D	10/11/2016	19:28
MW-18 Filtered	460-121208-6	U30381.D	10/11/2016	19:48
FB_20160930	460-121208-7	U30382.D	10/11/2016	20:08
MW-14 Filtered	460-121208-3	U30384.D	10/11/2016	20:48
MW-14	460-121208-1	U30396.D	10/12/2016	00:50

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-396356/2 Date Analyzed: 10/11/2016 02:53

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U30332A.D Heated Purge: (Y/N) N

Calibration ID: 58254

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		676245	4.30	1929316	5.59	1199361	7.33
UPPER LIMIT		1352490	4.80	3858632	6.09	2398722	7.83
LOWER LIMIT		338123	3.80	964658	5.09	599681	6.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394928/1-A		847742	4.30	2454548	5.57	1770317	7.31
LCS 460-394928/2-A		812658	4.30	2185935	5.58	1471700	7.33
LCSD 460-394928/3-A		802446	4.31	2283482	5.58	1531110	7.33
460-121208-2	MW-9	861258	4.31	2291995	5.58	1413982	7.32
460-121208-4	MW-22	850789	4.30	2265609	5.58	1429055	7.33
460-121208-5	MW-18	861923	4.30	2401418	5.58	1500662	7.32
460-121208-6	MW-18 Filtered	854209	4.30	2327530	5.57	1503010	7.32
460-121208-7	FB_20160930	834284	4.31	2273459	5.58	1772971	7.32
460-121208-3	MW-14 Filtered	872266	4.30	2478694	5.58	1594596	7.32
460-121208-1	MW-14	874770	4.31	2359692	5.58	1607286	7.31

DCBd4 = 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 625

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-396356/2 Date Analyzed: 10/11/2016 02:53

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): U30332A.D Heated Purge: (Y/N) N

Calibration ID: 58254

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1697770	8.78	1269038	11.51	1352169	13.39
UPPER LIMIT		3395540	9.28	2538076	12.01	2704338	13.89
LOWER LIMIT		848885	8.28	634519	11.01	676085	12.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394928/1-A		2321513	8.77	1721785	11.50	2018254	13.39
LCS 460-394928/2-A		2045010	8.78	1503730	11.50	1896292	13.40
LCSD 460-394928/3-A		2042700	8.78	1460915	11.51	1837469	13.39
460-121208-2	MW-9	1929009	8.78	1559540	11.50	1844258	13.39
460-121208-4	MW-22	1717949	8.77	1494795	11.50	1876112	13.40
460-121208-5	MW-18	1759858	8.77	1491777	11.50	1841642	13.39
460-121208-6	MW-18 Filtered	1943236	8.77	1542344	11.50	1844967	13.40
460-121208-7	FB_20160930	2284515	8.78	1742085	11.49	2017880	13.39
460-121208-3	MW-14 Filtered	2028444	8.77	1521903	11.50	1820260	13.39
460-121208-1	MW-14	1980446	8.77	1603979	11.50	1934151	13.39

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 625

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 | Lab Sample ID: 460-121208-1

Matrix: Water | Lab File ID: U30396.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:00

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/12/2016 00:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	14		10	1.1
106-46-7	1,4-Dichlorobenzene	31		10	0.66
95-50-1	1,2-Dichlorobenzene	17		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	7.6		1.0	0.61
91-20-3	Naphthalene	36		10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	4.2	J	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	1.0	J	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 | Lab Sample ID: 460-121208-1

Matrix: Water | Lab File ID: U30396.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:00

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/12/2016 00:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		49-125
1718-51-0	Terphenyl-d14	46		28-150
321-60-8	2-Fluorobiphenyl	51		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 | Lab Sample ID: 460-121208-1

Matrix: Water | Lab File ID: U30396.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:00

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/12/2016 00:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 5 | TIC Result Total: 41.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
95-13-6	Indene	4.56	12	J N	91%
824-90-8	1-Phenyl-1-butene	5.32	7.6	J N	91%
87-61-6	Benzene, 1,2,3-trichloro-	5.74	6.6	J N	97%
90-12-0	Naphthalene, 1-methyl-	6.39	7.7	J N	96%
629-94-7	Heneicosane	13.03	7.6	J N	91%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D
Lims ID: 460-121208-G-1-A
Client ID: MW-14
Sample Type: Client
Inject. Date: 12-Oct-2016 00:50:30 ALS Bottle#: 66 Worklist Smp#: 66
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-066
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 12-Oct-2016 01:44:32 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 12-Oct-2016 01:44:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
13 1,3-Dichlorobenzene	146	4.249	4.258	-0.009	89	272690	1.71	
* 14 1,4-Dichlorobenzene-d4	152	4.308	4.309	-0.001	92	874770	8.00	
15 1,4-Dichlorobenzene	146	4.319	4.327	-0.008	85	571278	3.83	
18 1,2-Dichlorobenzene	146	4.470	4.477	-0.007	86	306725	2.07	
$ 28 Nitrobenzene-d5	82	4.856	4.876	-0.020	90	1514191	5.46	
37 1,2,4-Trichlorobenzene	180	5.530	5.533	-0.003	91	145952	0.9497	
* 38 Naphthalene-d8	136	5.576	5.576	0.000	94	2359692	8.00	
39 Naphthalene	128	5.599	5.602	-0.003	95	1398741	4.44	
45 2-Methylnaphthalene	142	6.285	6.295	-0.010	79	123702	0.5214	
$ 52 2-Fluorobiphenyl	172	6.658	6.664	-0.006	95	1682349	5.08	
* 64 Acenaphthene-d10	164	7.314	7.322	-0.008	92	1607286	8.00	
66 Acenaphthene	154	7.348	7.362	-0.014	88	26652	0.1268	
* 87 Phenanthrene-d10	188	8.773	8.779	-0.007	97	1980446	8.00	
$ 96 Terphenyl-d14	244	10.332	10.340	-0.008	99	1101657	4.58	
* 102 Chrysene-d12	240	11.500	11.507	-0.007	98	1603979	8.00	
* 109 Perylene-d12	264	13.393	13.388	0.005	98	1934151	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D
Lims ID: 460-121208-G-1-A
Client ID: MW-14
Sample Type: Client
Inject. Date: 12-Oct-2016 00:50:30 ALS Bottle#: 66 Worklist Smp#: 66
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-066
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 12-Oct-2016 01:44:32 Calib Date: 06-Oct-2016 16:13:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 12-Oct-2016 01:44:32

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	95-13-6	Indene						
4.564	1794615	1.53	14	91	8166	C9H8	116	
	824-90-8	1-Phenyl-1-butene						
5.319	1298871	0.9491	38	91	13569	C10H12	132	
	87-61-6	Benzene, 1,2,3-trichloro-						
5.740	1129097	0.8251	38	97	42934	C6H3Cl3	180	
	90-12-0	Naphthalene, 1-methyl-						
6.389	1313387	0.9598	38	96	18499	C11H10	142	
	629-94-7	Heneicosane						
13.034	603981	0.9532	109	91	115570	C21H44	296	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.308	9358844	8.00
* 38 Naphthalene-d8	5.576	10947663	8.00
* 109 Perylene-d12	13.393	5069230	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

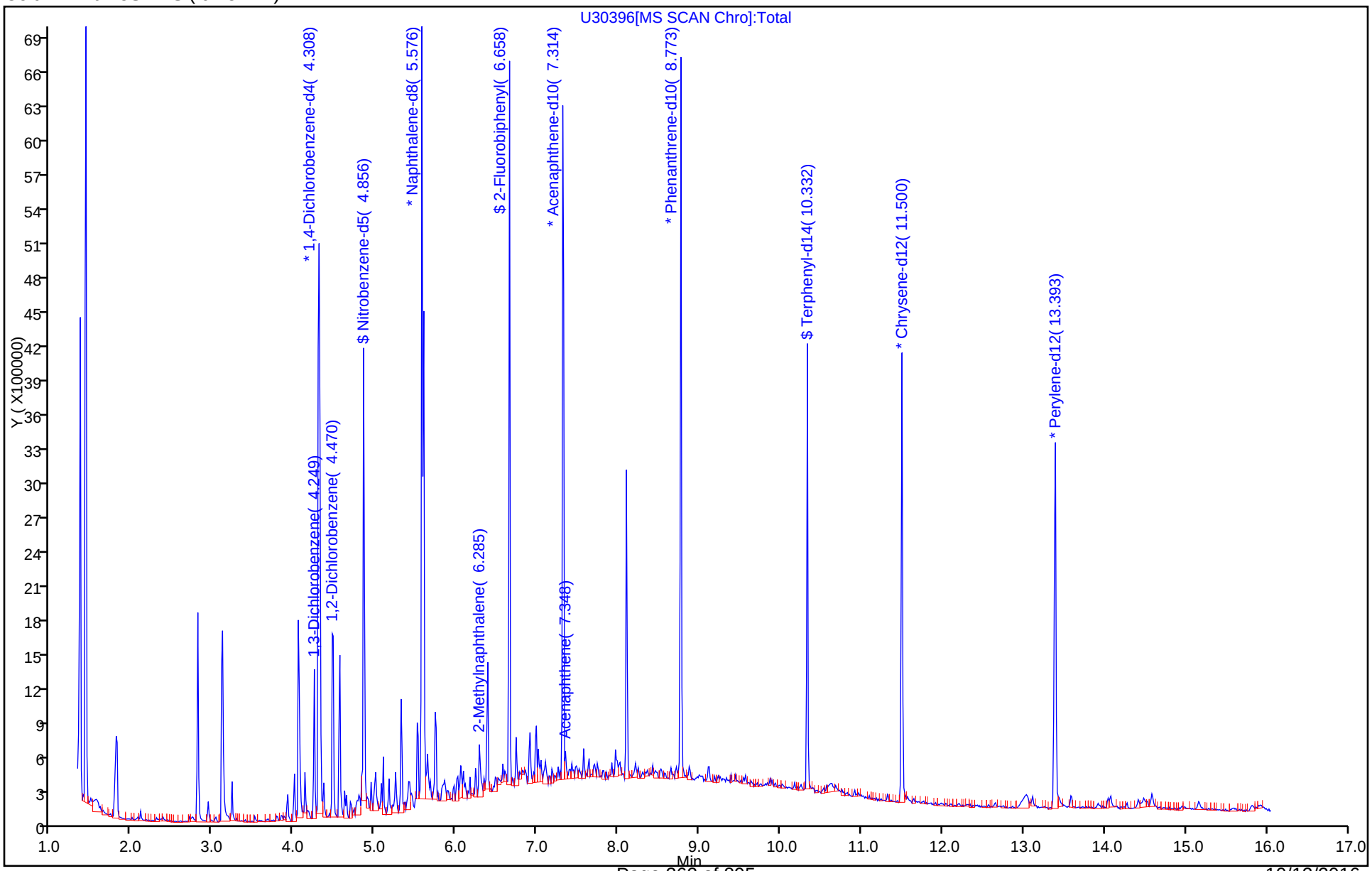
Report Date: 12-Oct-2016 01:44:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D

Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1	Worklist Smp#:	66
Client ID:	MW-14				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	66
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

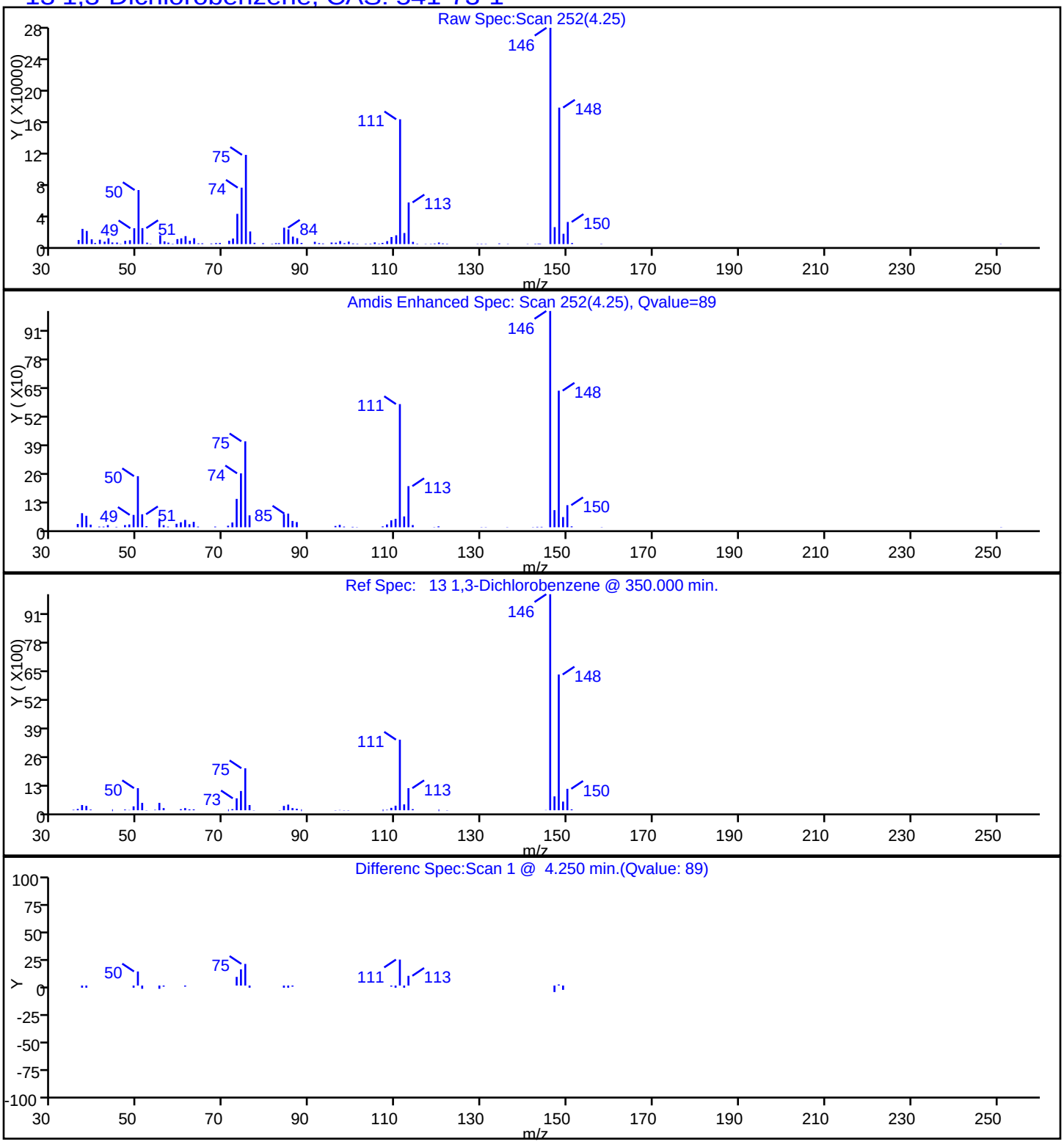
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D				
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

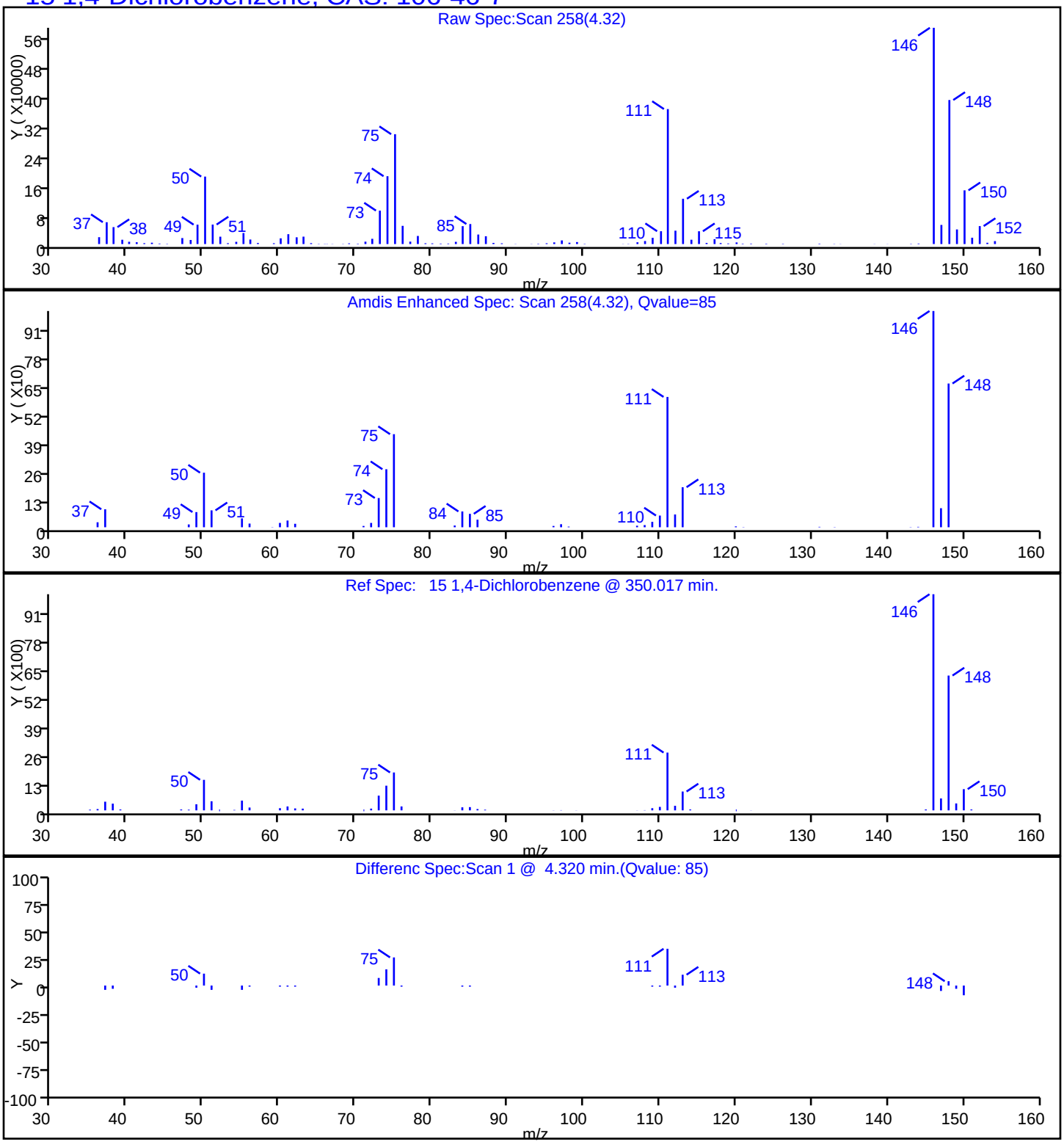
13 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D				
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 1,4-Dichlorobenzene, CAS: 106-46-7



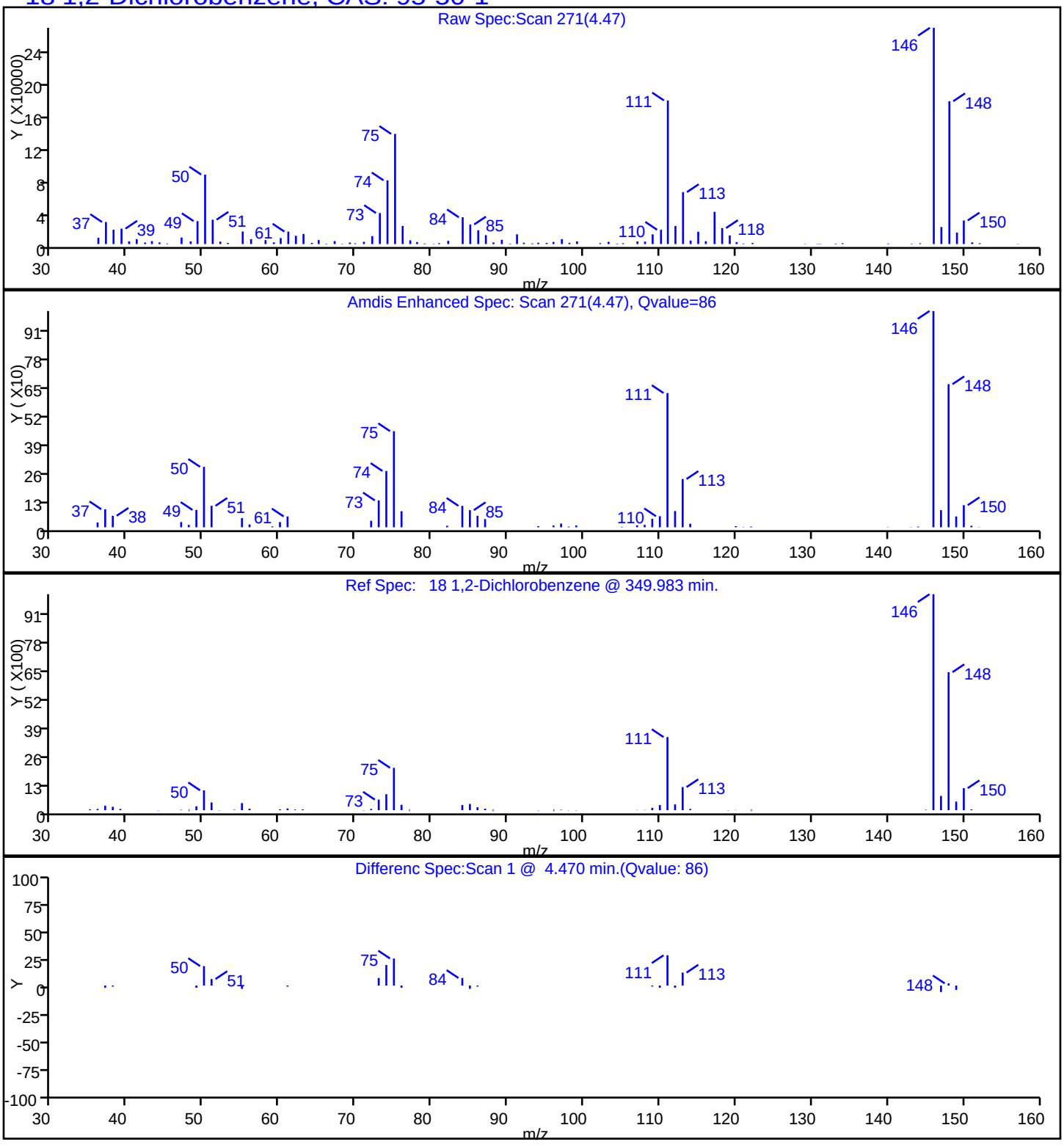
Report Date: 12-Oct-2016 01:44:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D

Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

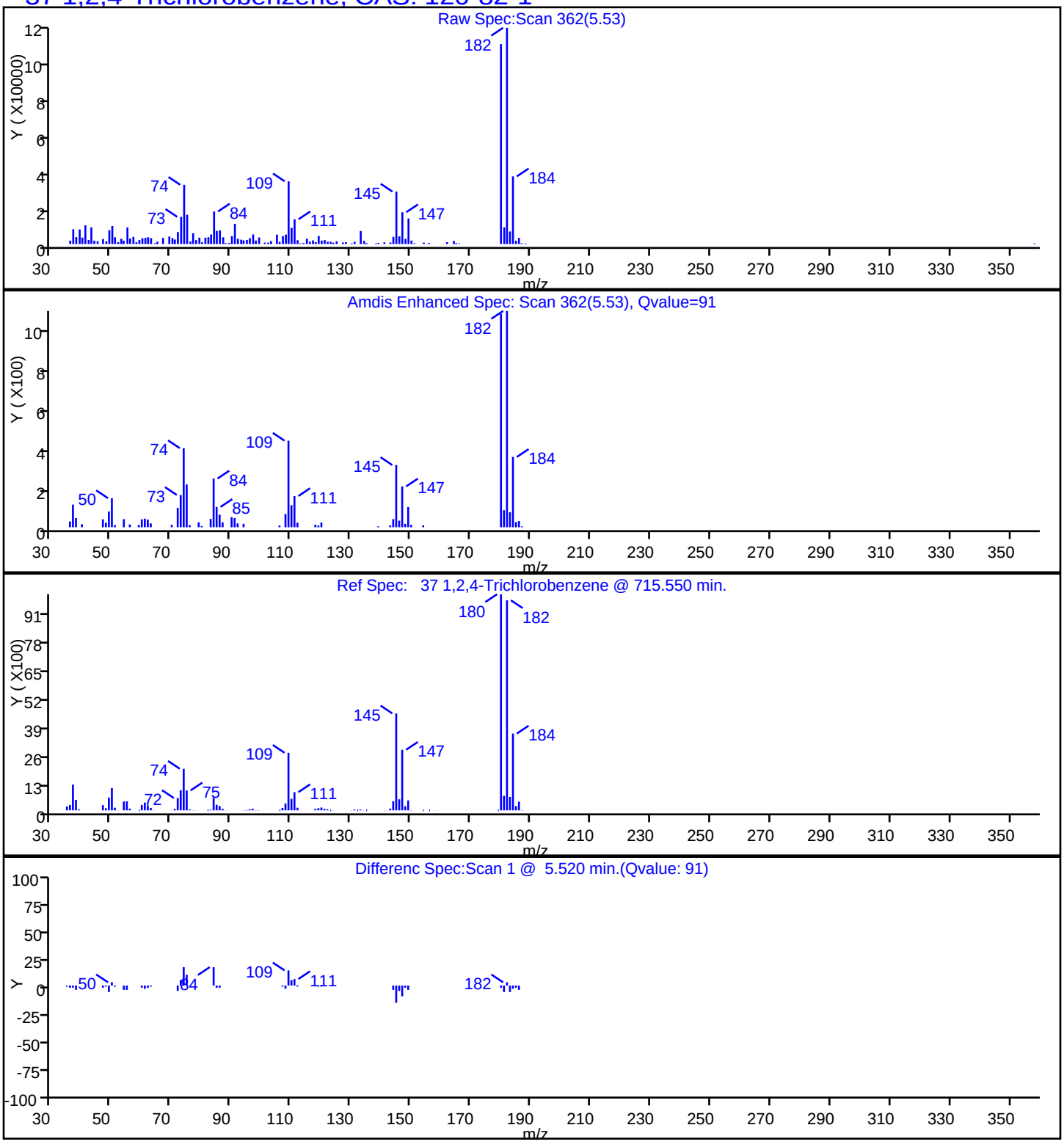
18 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D				
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

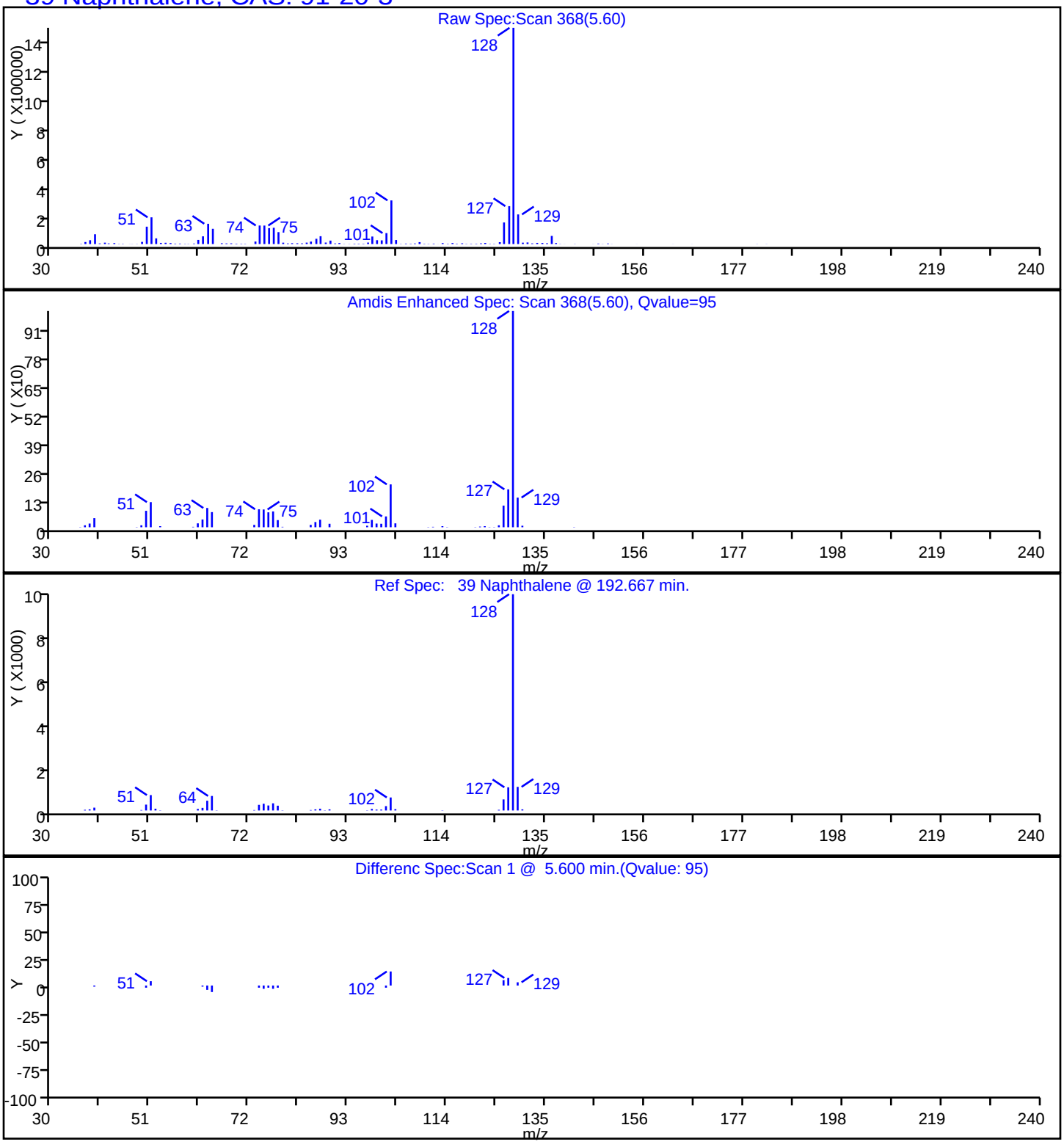
37 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D				
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

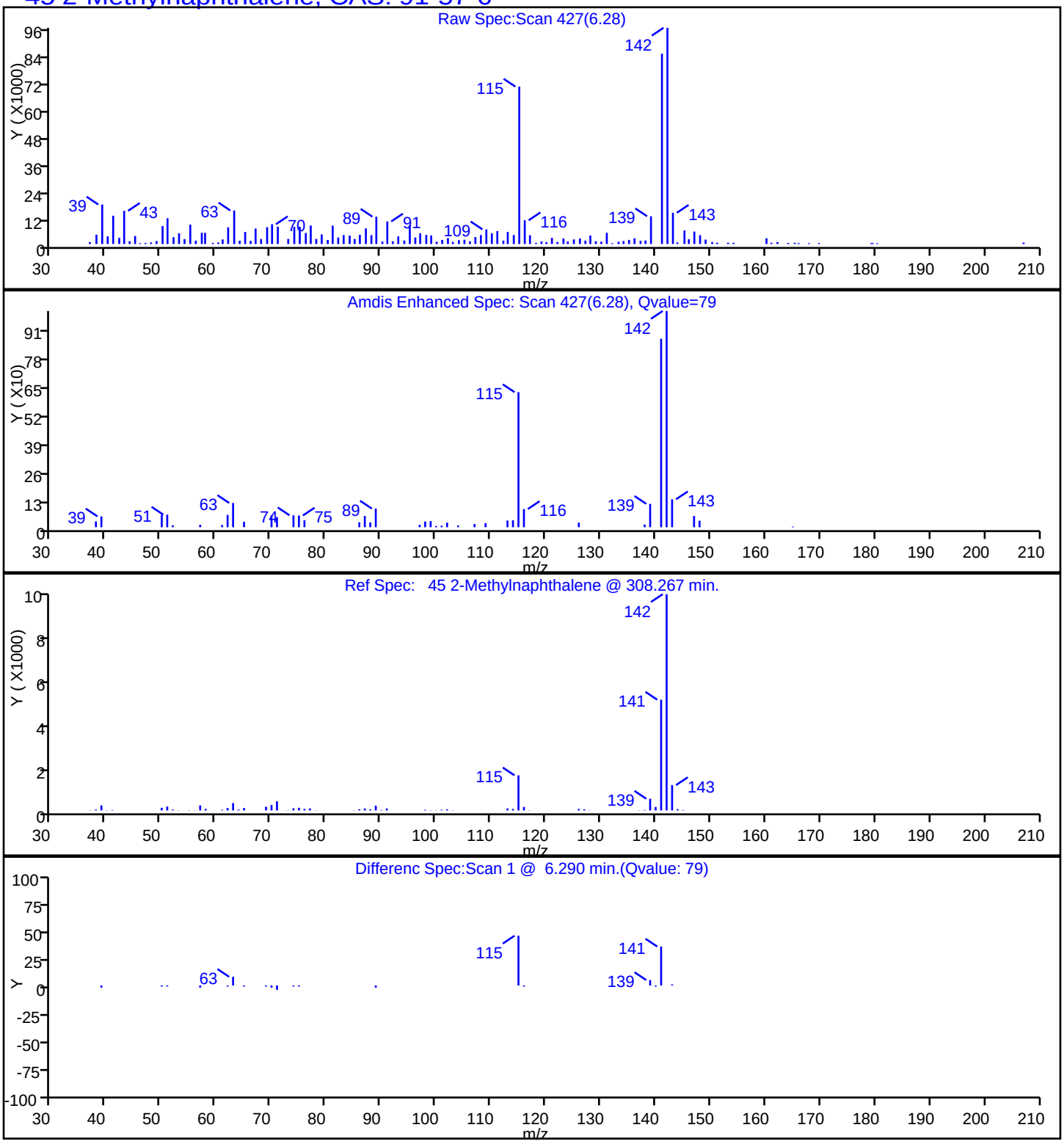
39 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D				
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

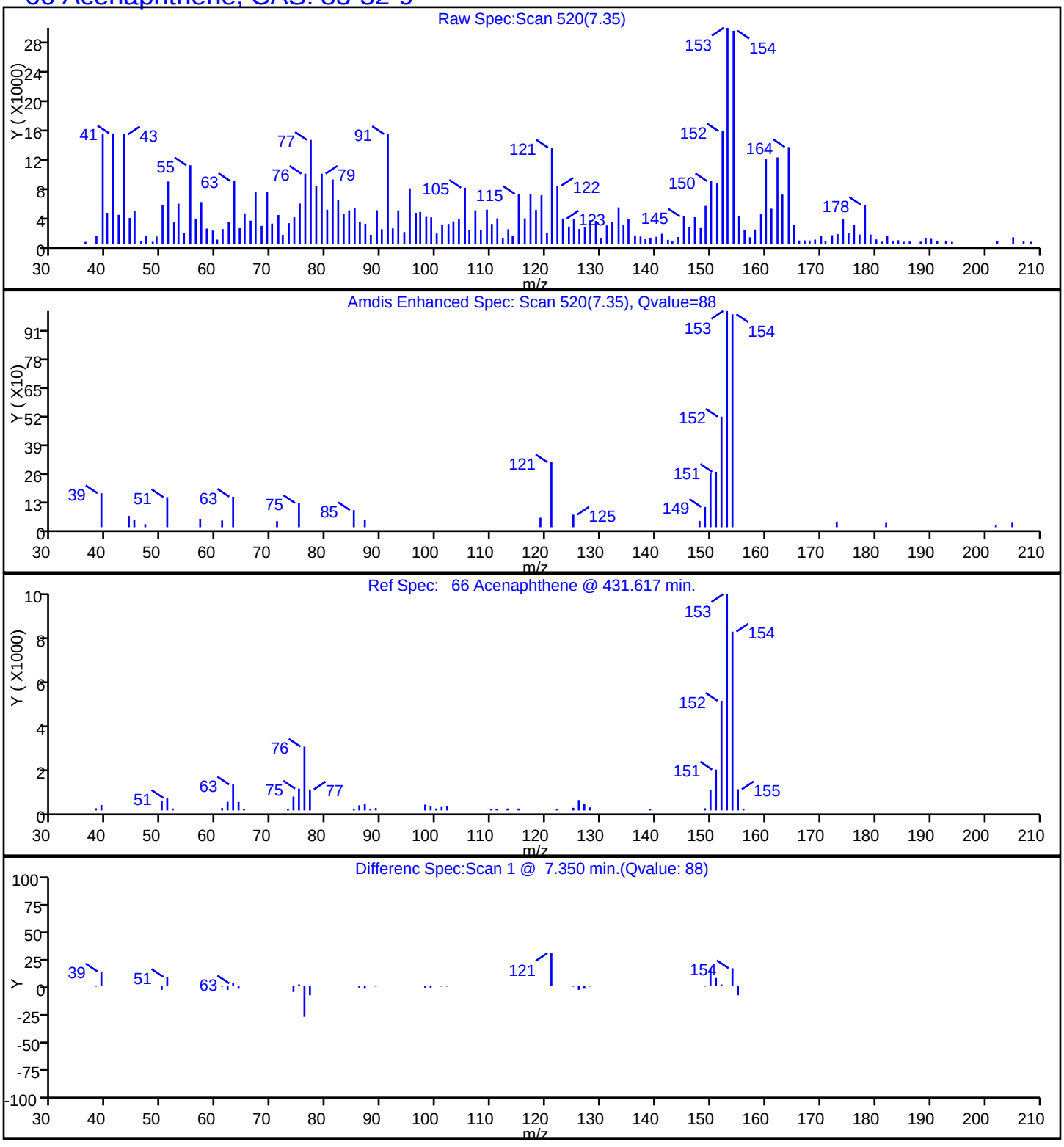
45 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D				
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9

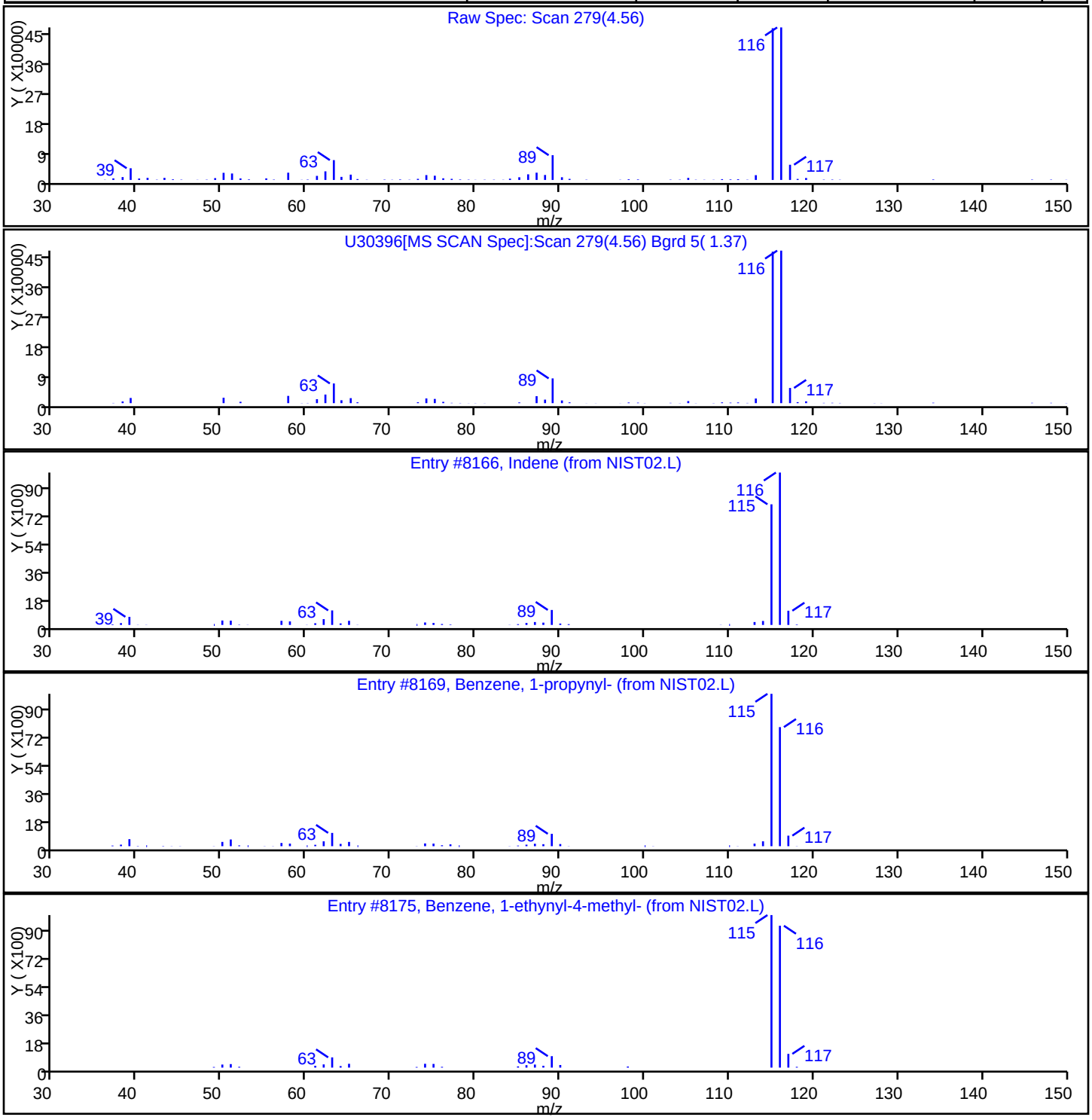


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D

Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1
Client ID:	MW-14		
Operator ID:		ALS Bottle#:	66 Worklist Smp#: 66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8166	C9H8	116	91
Benzene, 1-propynyl-	673-32-5	NIST02.L	8169	C9H8	116	91
Benzene, 1-ethynyl-4-methyl-	766-97-2	NIST02.L	8175	C9H8	116	86

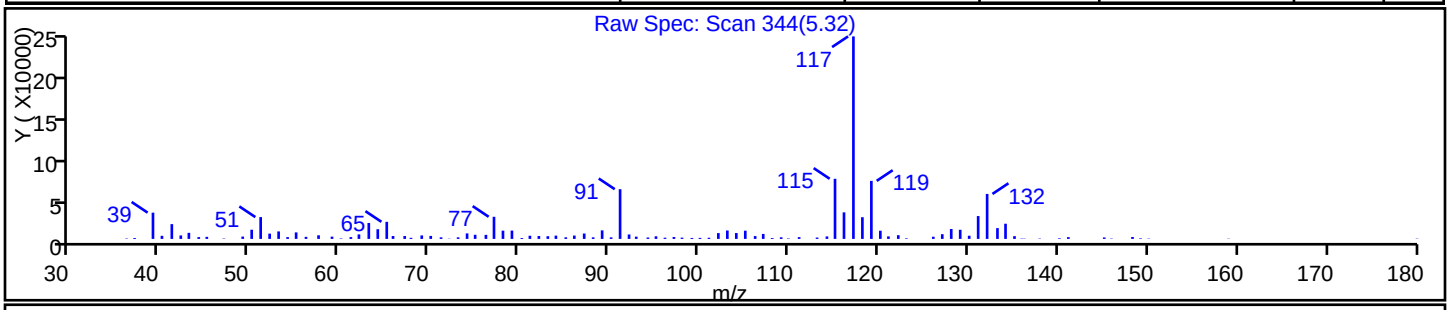


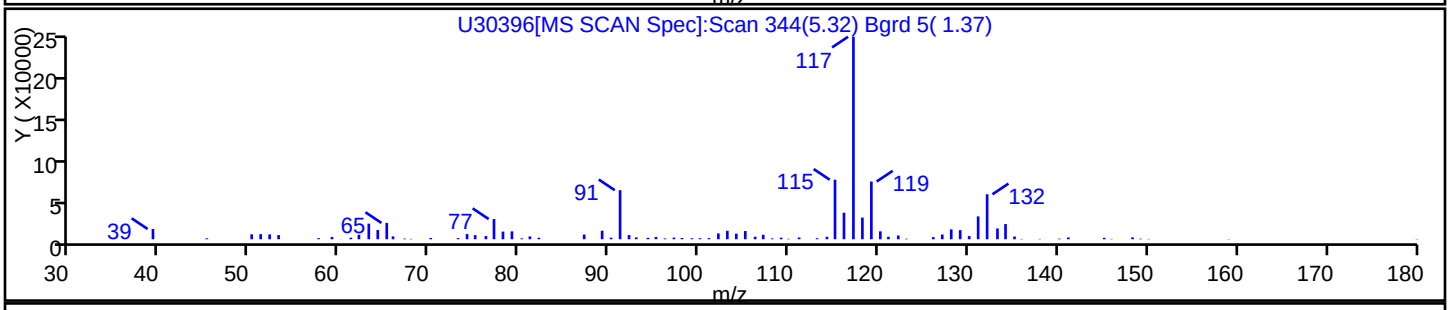
TestAmerica Edison

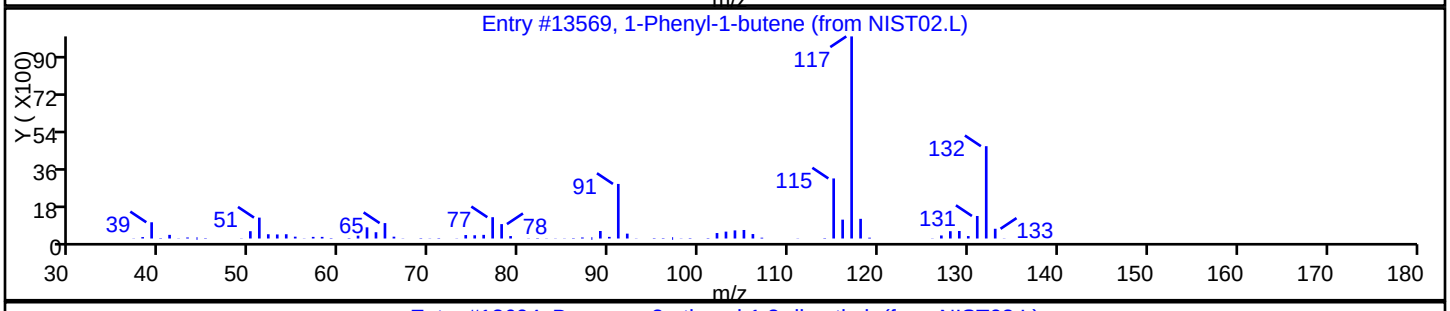
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D

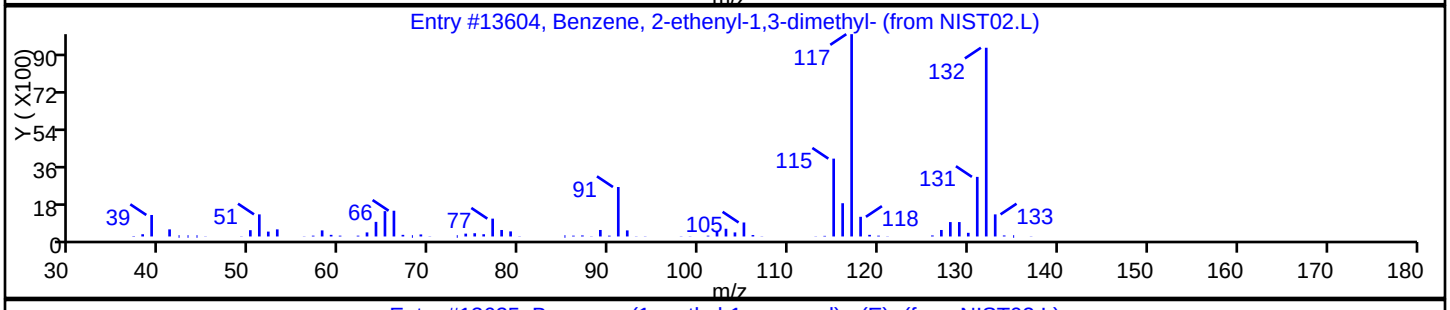
Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

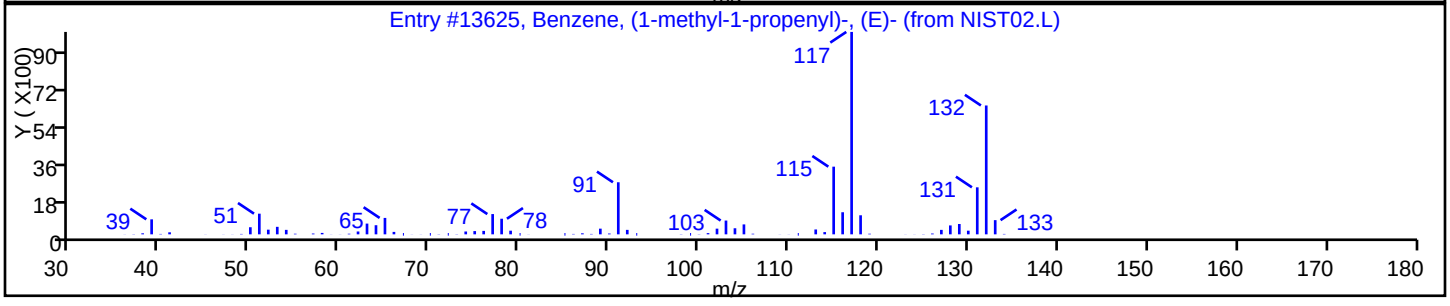
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Phenyl-1-butene	824-90-8	NIST02.L	13569	C10H12	132	91
Benzene, 2-ethenyl-1,3-dimethyl-	2039-90-9	NIST02.L	13604	C10H12	132	87
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	C10H12	132	87











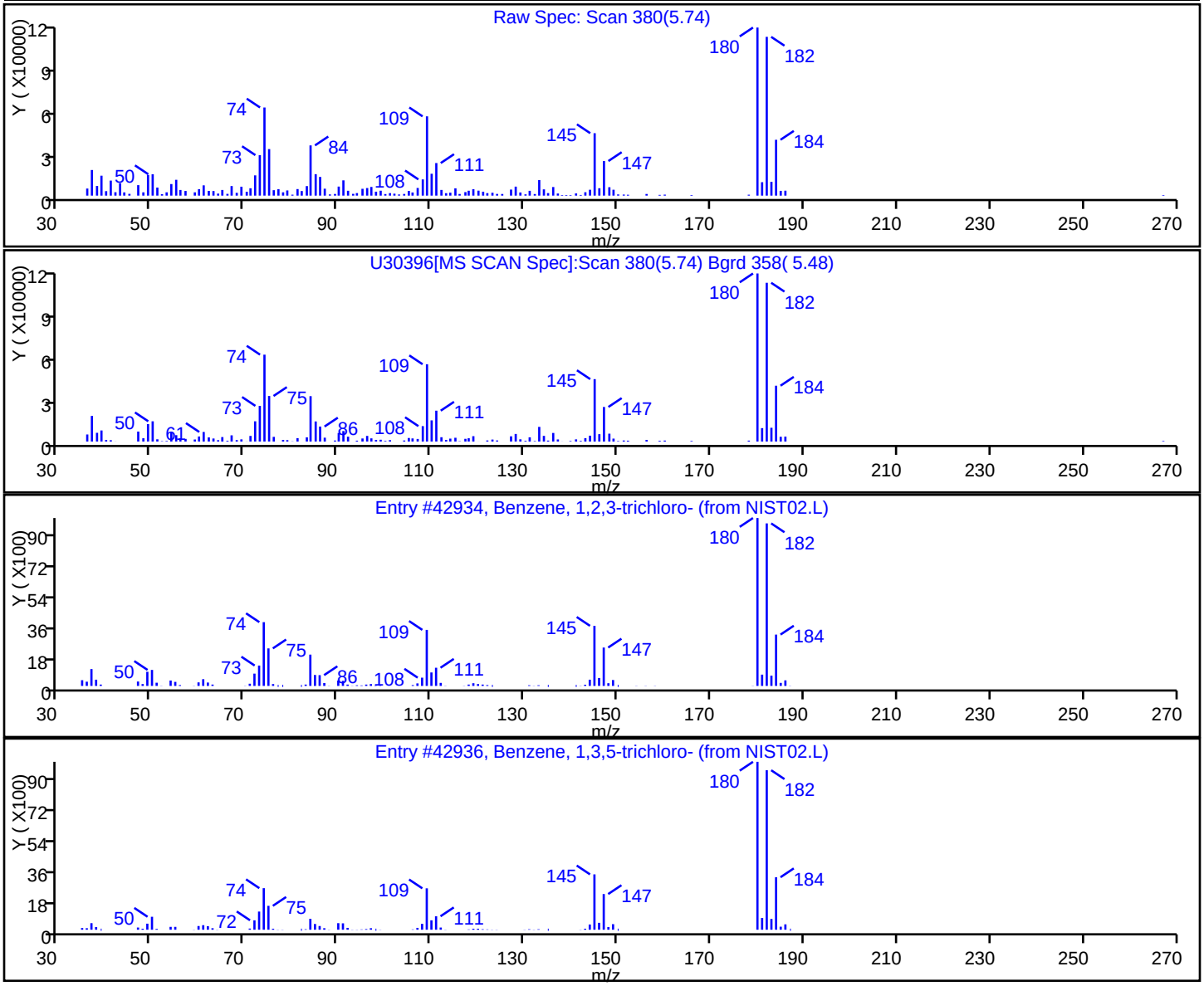
Report Date: 12-Oct-2016 01:44:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D

Injection Date:	12-Oct-2016 00:50:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	66	Worklist Smp#:	66
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trichloro-	87-61-6	NIST02.L	42934	C6H3Cl3	180	97
Benzene, 1,3,5-trichloro-	108-70-3	NIST02.L	42936	C6H3Cl3	180	91



Report Date: 12-Oct-2016 01:44:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D

Injection Date: 12-Oct-2016 00:50:30 Instrument ID: CBNAMS4

Lims ID: 460-121208-G-1-A Lab Sample ID: 460-121208-1

Client ID: MW-14

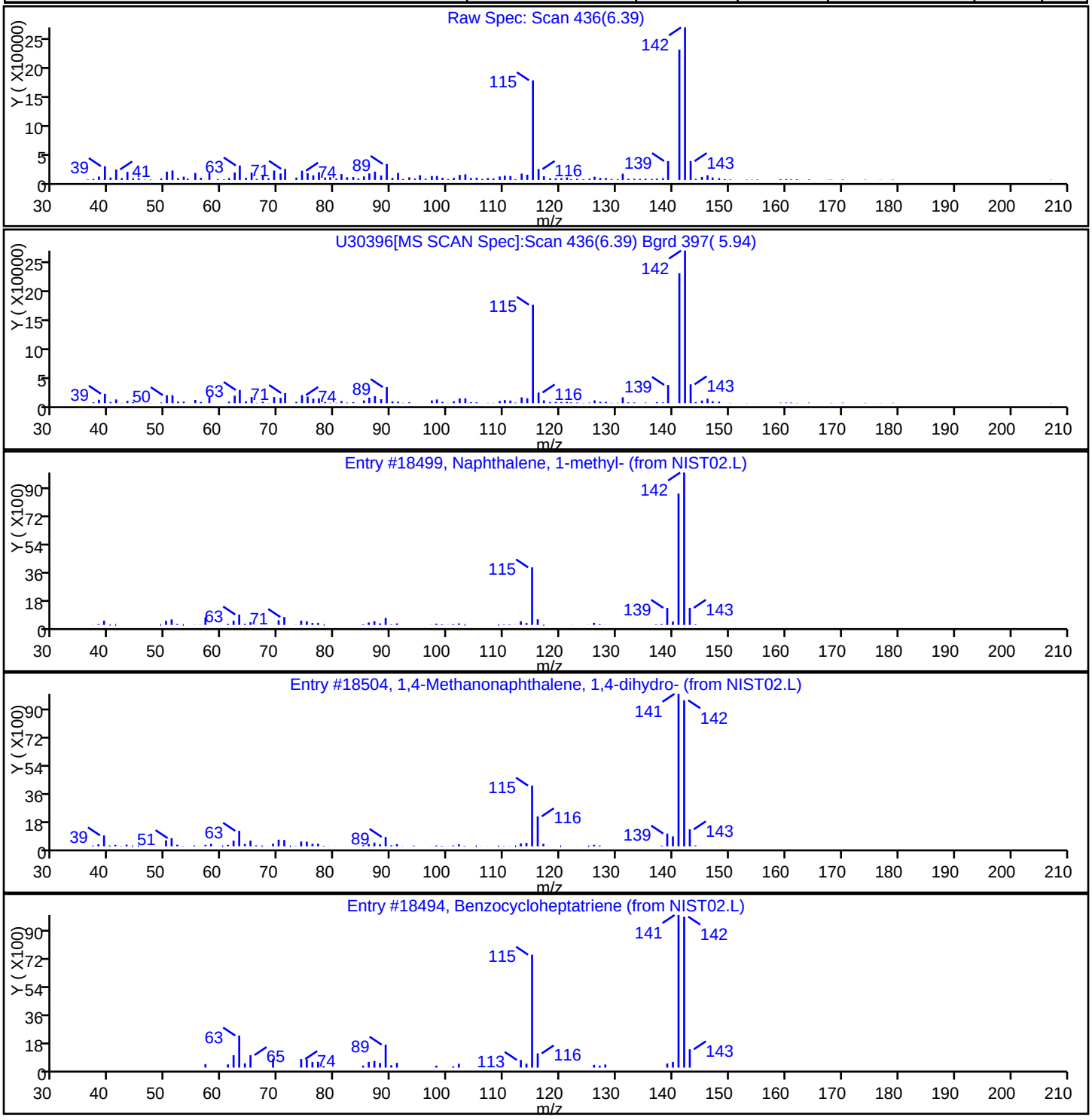
Operator ID: ALS Bottle#: 66 Worklist Smp#: 66

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Detector MS SCAN

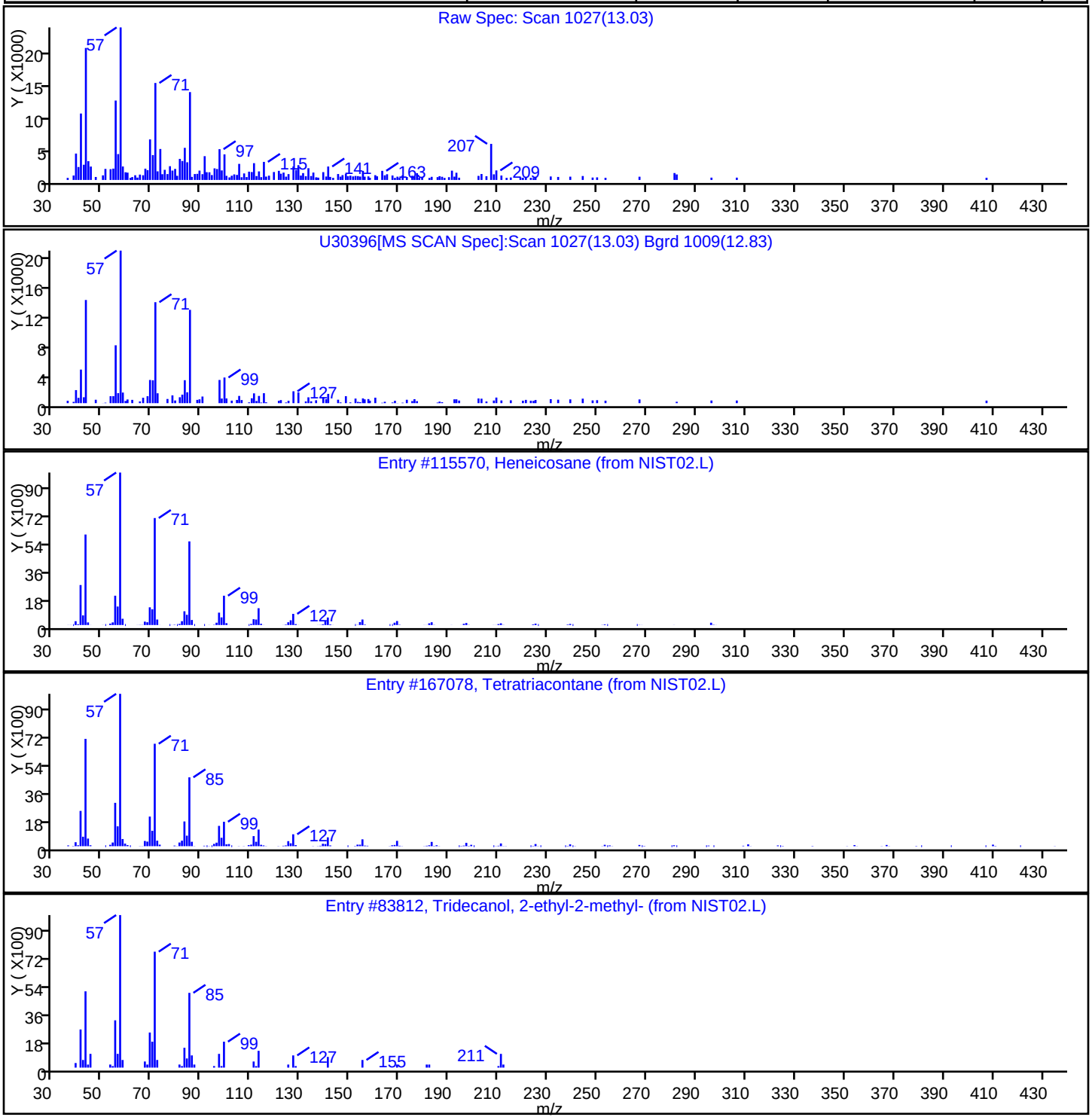
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	94
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	94



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30396.D
Injection Date: 12-Oct-2016 00:50:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-G-1-A Lab Sample ID: 460-121208-1
Client ID: MW-14
Operator ID: ALS Bottle#: 66 Worklist Smp#: 66
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heneicosane	629-94-7	NIST02.L	115570	C21H44	296	91
Tetratriacontane	14167-59-0	NIST02.L	167078	C34H70	479	86
Tridecanol, 2-ethyl-2-methyl-	1000115-66-1	NIST02.L	83812	C16H34O	242	86



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: U30378.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:05

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 18:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	2.8		1.0	0.61
91-20-3	Naphthalene	2.1	J	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: U30378.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:05

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 18:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		49-125
1718-51-0	Terphenyl-d14	46		28-150
321-60-8	2-Fluorobiphenyl	55		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: U30378.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:05

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 18:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 15 | TIC Result Total: 243.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.43	100	J	
620-14-4	Benzene, 1-ethyl-3-methyl-	4.00	10	J N	93%
1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-	5.33	11	J N	90%
	Unknown	5.50	8.2	J	
56253-64-6	Benzene, (2-methyl-1-butenyl)-	5.63	7.7	J N	86%
	Unknown	6.12	8.3	J	
	Unknown	6.25	8.7	J	
90-12-0	Naphthalene, 1-methyl-	6.38	9.5	J N	83%
	Unknown	6.92	12	J	
14944-23-1	1(2H)-Naphthalenone, 3,4-dihydro-3-methy	6.98	16	J N	81%
480-63-7	Benzoic acid, 2,4,6-trimethyl-	7.05	9.6	J N	83%
	Unknown	7.11	7.3	J	
	Unknown	7.23	14	J	
	Unknown	7.69	12	J	
	Unknown	8.05	8.8	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D
Lims ID: 460-121208-G-2-A
Client ID: MW-9
Sample Type: Client
Inject. Date: 11-Oct-2016 18:48:30 ALS Bottle#: 48 Worklist Smp#: 48
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-048
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:26:05 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: asfawa Date: 11-Oct-2016 23:26:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.309	-0.005	93	861258	8.00	
$ 28 Nitrobenzene-d5	82	4.864	4.876	-0.012	89	1494278	5.55	
37 1,2,4-Trichlorobenzene	180	5.524	5.533	-0.009	88	52378	0.3509	
* 38 Naphthalene-d8	136	5.582	5.576	0.006	96	2291995	8.00	
39 Naphthalene	128	5.606	5.602	0.004	95	80330	0.2625	
$ 52 2-Fluorobiphenyl	172	6.658	6.664	-0.006	95	1590216	5.46	
* 64 Acenaphthene-d10	164	7.320	7.322	-0.002	92	1413982	8.00	
* 87 Phenanthrene-d10	188	8.779	8.779	0.000	98	1929009	8.00	
$ 96 Terphenyl-d14	244	10.334	10.340	-0.006	99	1083005	4.63	
* 102 Chrysene-d12	240	11.496	11.507	-0.011	99	1559540	8.00	
* 109 Perylene-d12	264	13.394	13.388	0.006	98	1844258	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D
Lims ID: 460-121208-G-2-A
Client ID: MW-9
Sample Type: Client
Inject. Date: 11-Oct-2016 18:48:30 ALS Bottle#: 48 Worklist Smp#: 48
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-048
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:26:05 Calib Date: 06-Oct-2016 16:13:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\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: 11-Oct-2016 23:26:05

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
1.432	10315224	12.9	14					
	620-14-4	Benzene, 1-ethyl-3-methyl-						
4.003	1014141	1.26	14	93	9133	C9H12	120	
	1587-04-8	Benzene, 1-methyl-2-(2-propenyl)-						
5.328	1162485	1.32	38	90	13621	C10H12	132	
		Unknown						
5.501	900439	1.02	38					
	56253-64-6	Benzene, (2-methyl-1-butenyl)-						
5.630	847682	0.9624	38	86	20721	C11H14	146	
		Unknown						
6.117	910406	1.03	38					
		Unknown						
6.246	956903	1.09	38					
	90-12-0	Naphthalene, 1-methyl-						
6.384	1046875	1.19	38	83	18495	C11H10	142	
		Unknown						
6.917	1336675	1.49	64					
	14944-23-1	1(2H)-Naphthalenone, 3,4-dihydro-3-methy						
6.984	1768800	1.97	64	81	29365	C11H12O	160	
	480-63-7	Benzoic acid, 2,4,6-trimethyl-						
7.051	1078977	1.20	64	83	31590	C10H12O2	164	
		Unknown						
7.107	812645	0.9072	64					

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
7.231	1524682	1.70	64					
	Unknown							
7.690	1321112	1.47	64					
	Unknown							
8.049	982100	1.10	64					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.305	6418014	8.00
* 38 Naphthalene-d8	5.582	7046435	8.00
* 64 Acenaphthene-d10	7.320	7166089	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

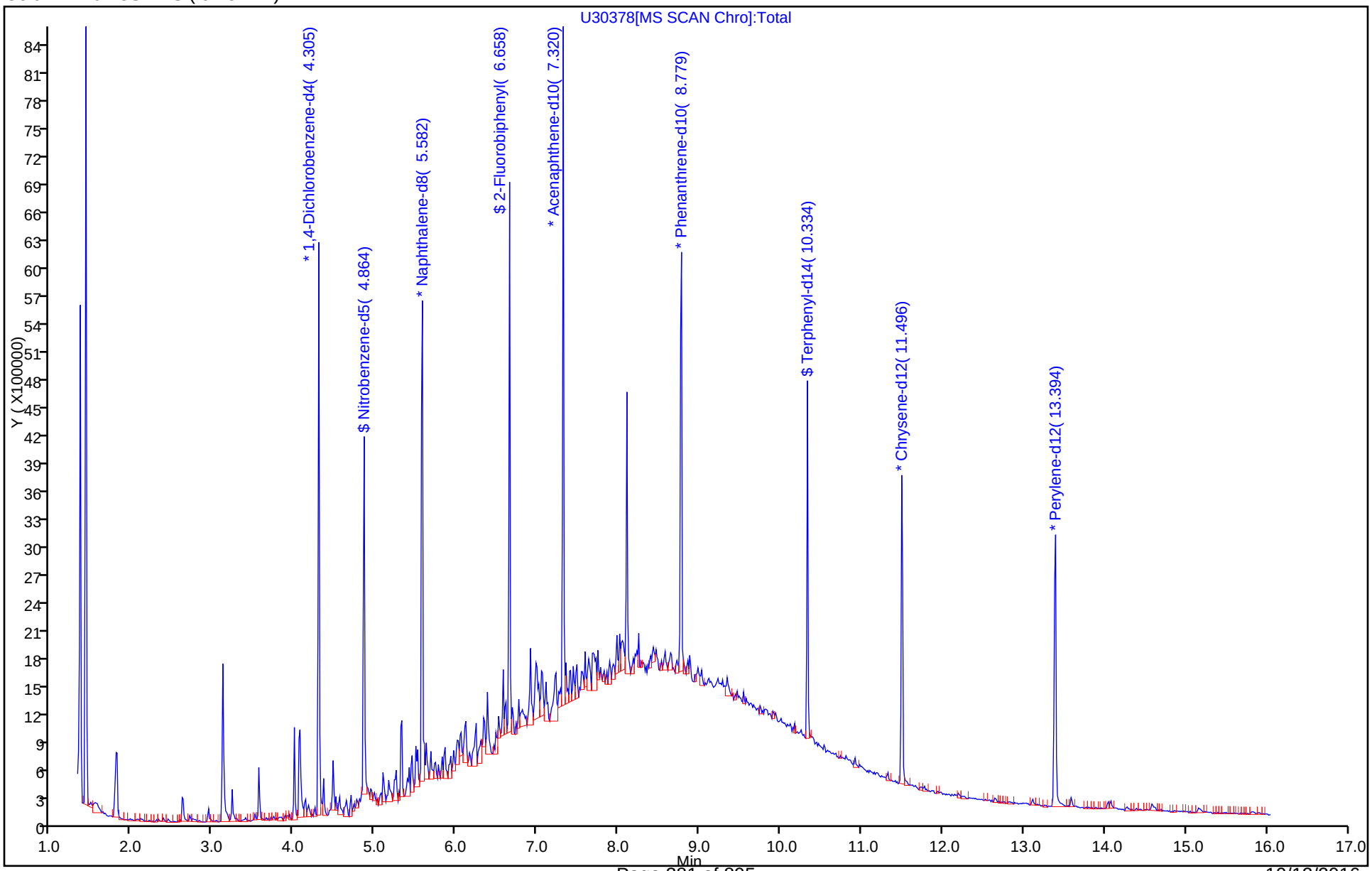
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2	Worklist Smp#:	48
Client ID:	MW-9				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	48
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

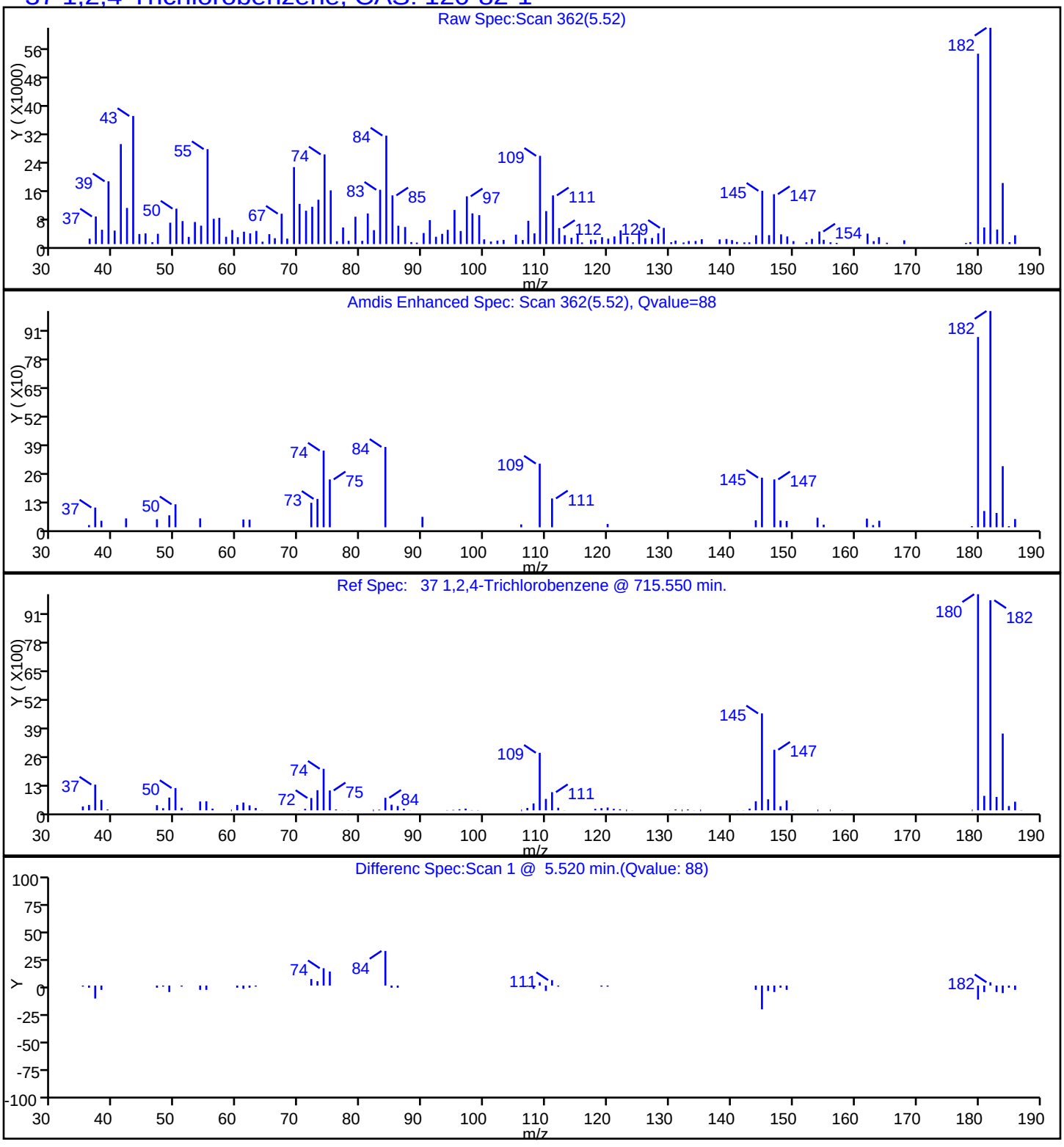
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D				
Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

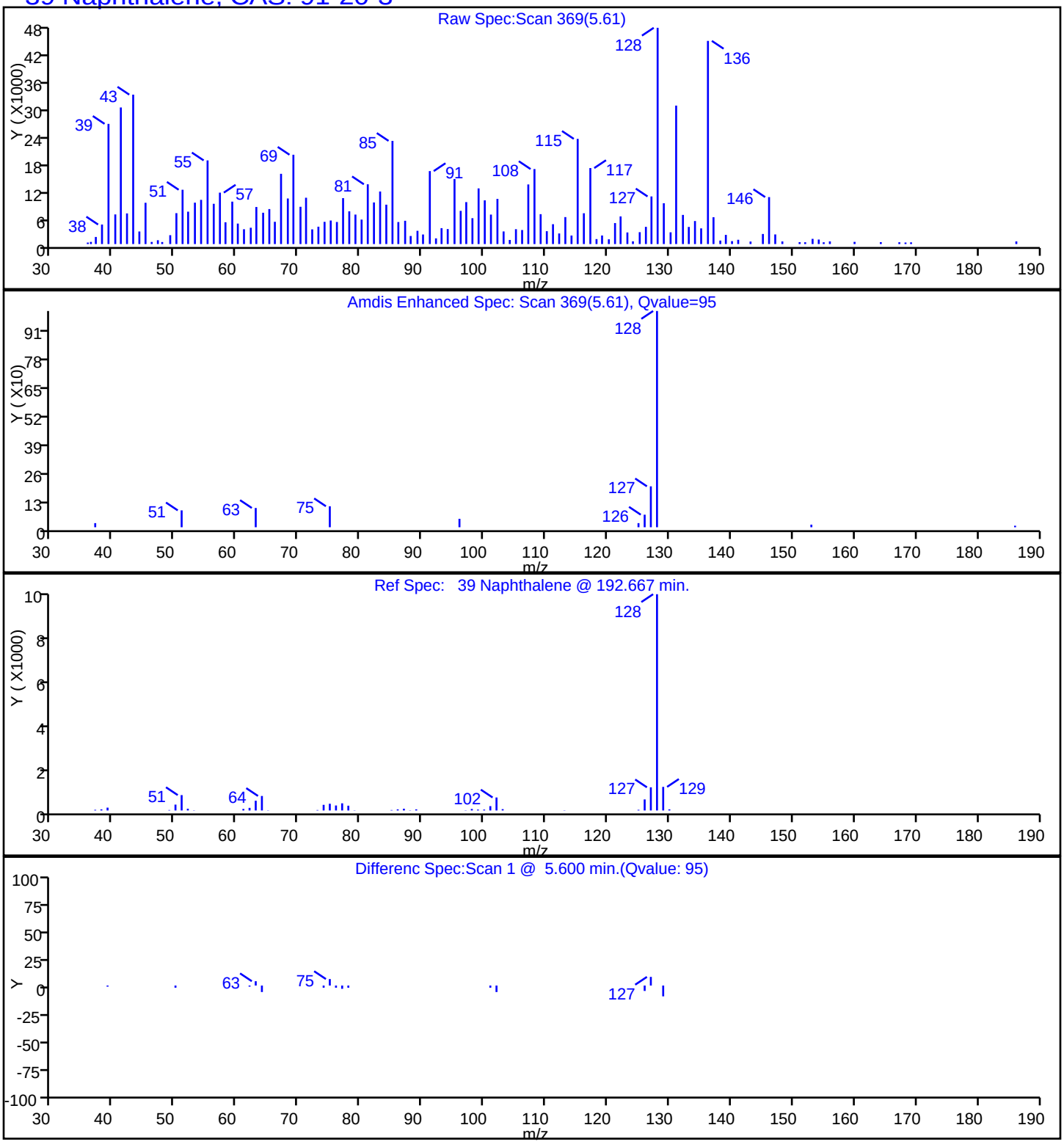
37 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D				
Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



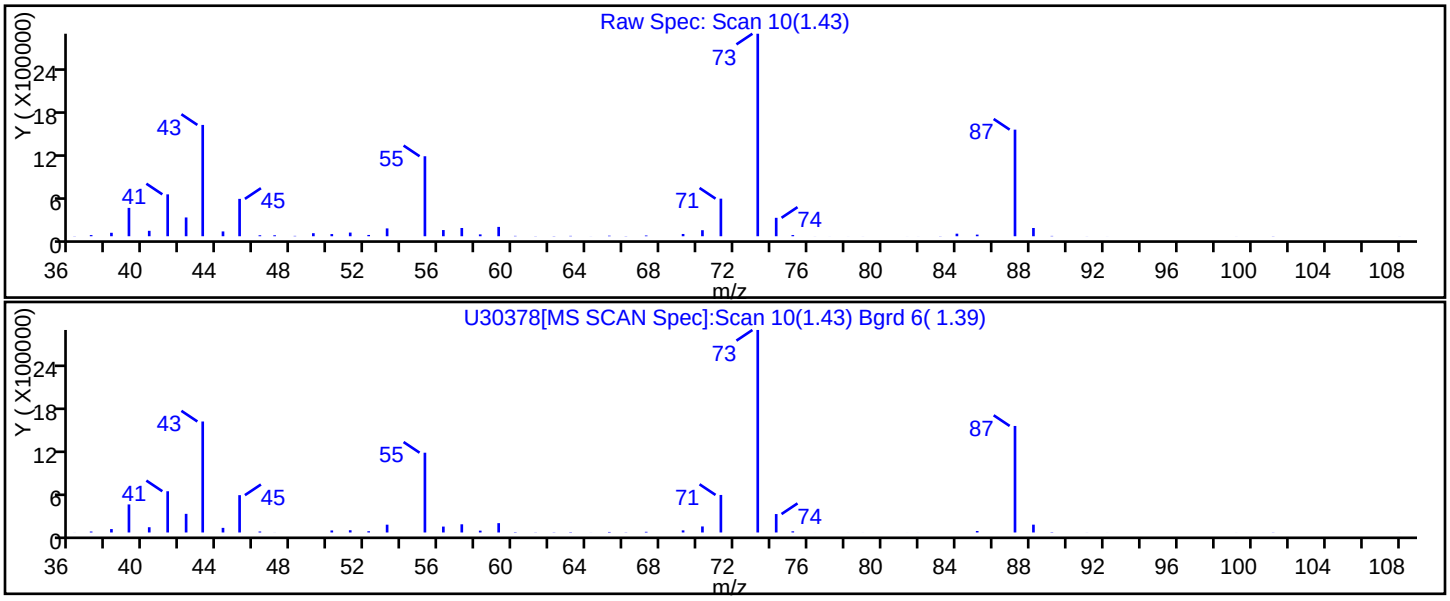
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

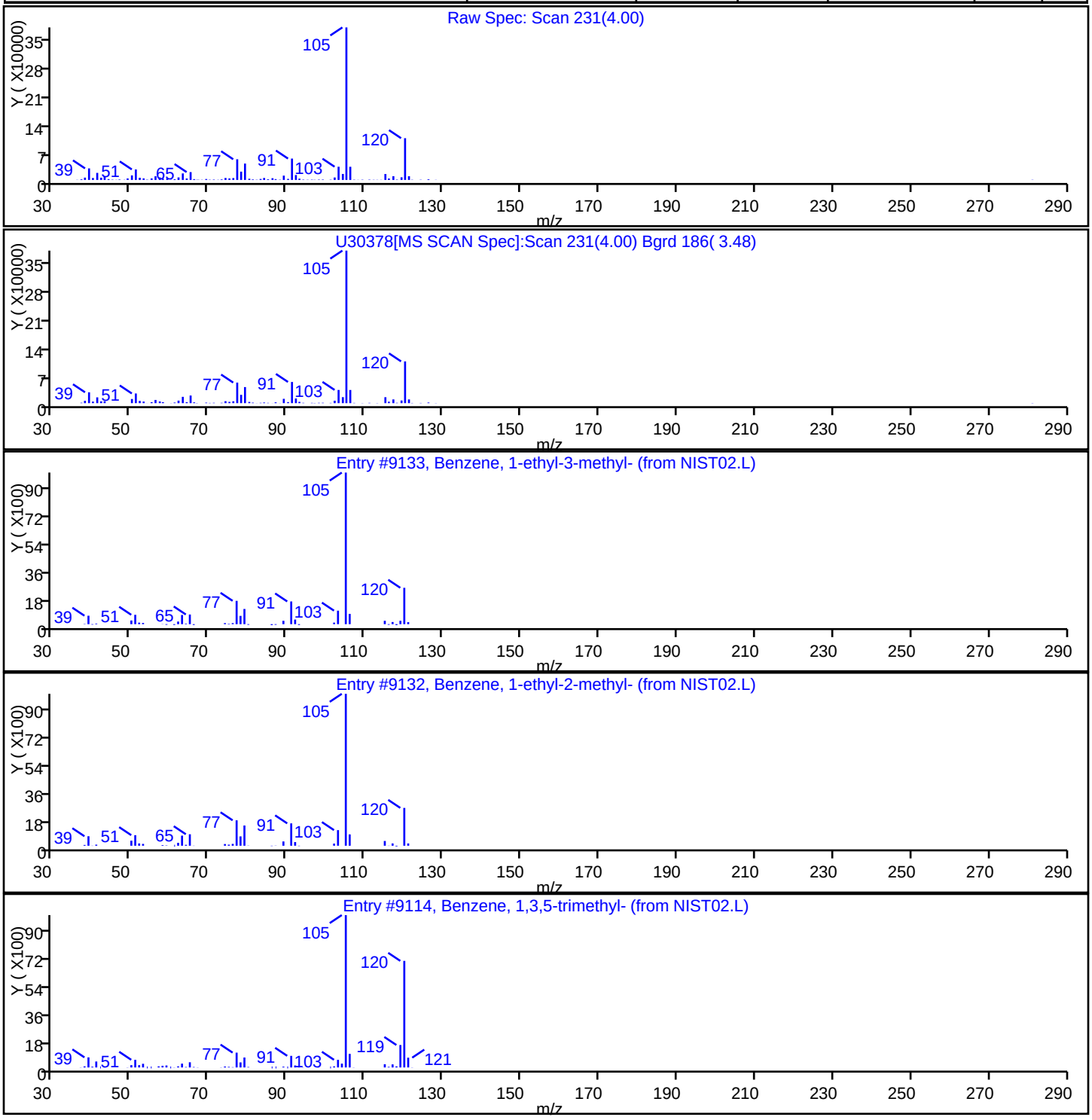
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D
Injection Date: 11-Oct-2016 18:48:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-G-2-A Lab Sample ID: 460-121208-2
Client ID: MW-9
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9133	C9H12	120	93
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9132	C9H12	120	93
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9114	C9H12	120	91



Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date: 11-Oct-2016 18:48:30 Instrument ID: CBNAMS4

Lims ID: 460-121208-G-2-A Lab Sample ID: 460-121208-2

Client ID: MW-9

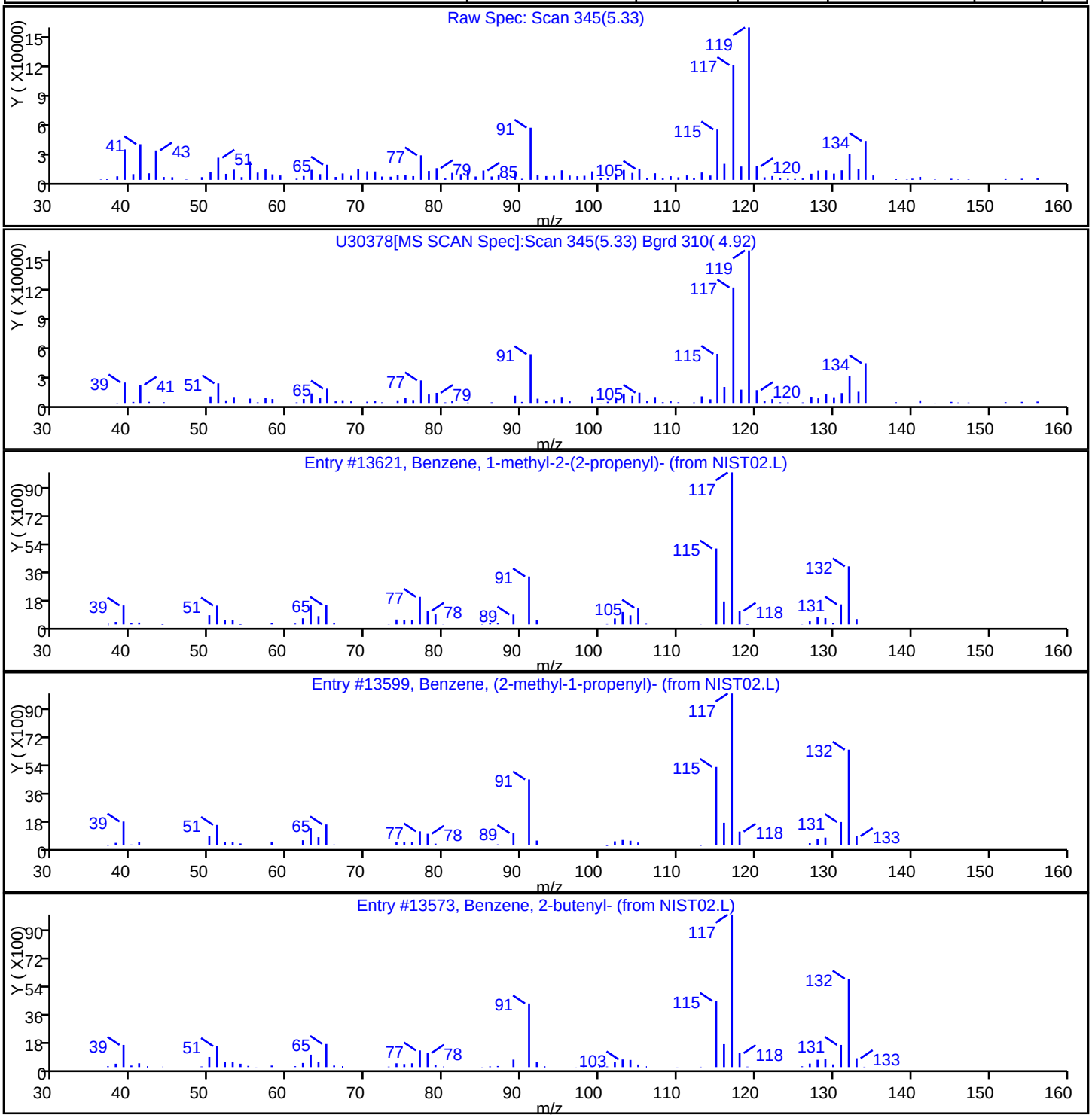
Operator ID: ALS Bottle#: 48 Worklist Smp#: 48

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13621	C10H12	132	90
Benzene, (2-methyl-1-propenyl)-	768-49-0	NIST02.L	13599	C10H12	132	87
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13573	C10H12	132	87



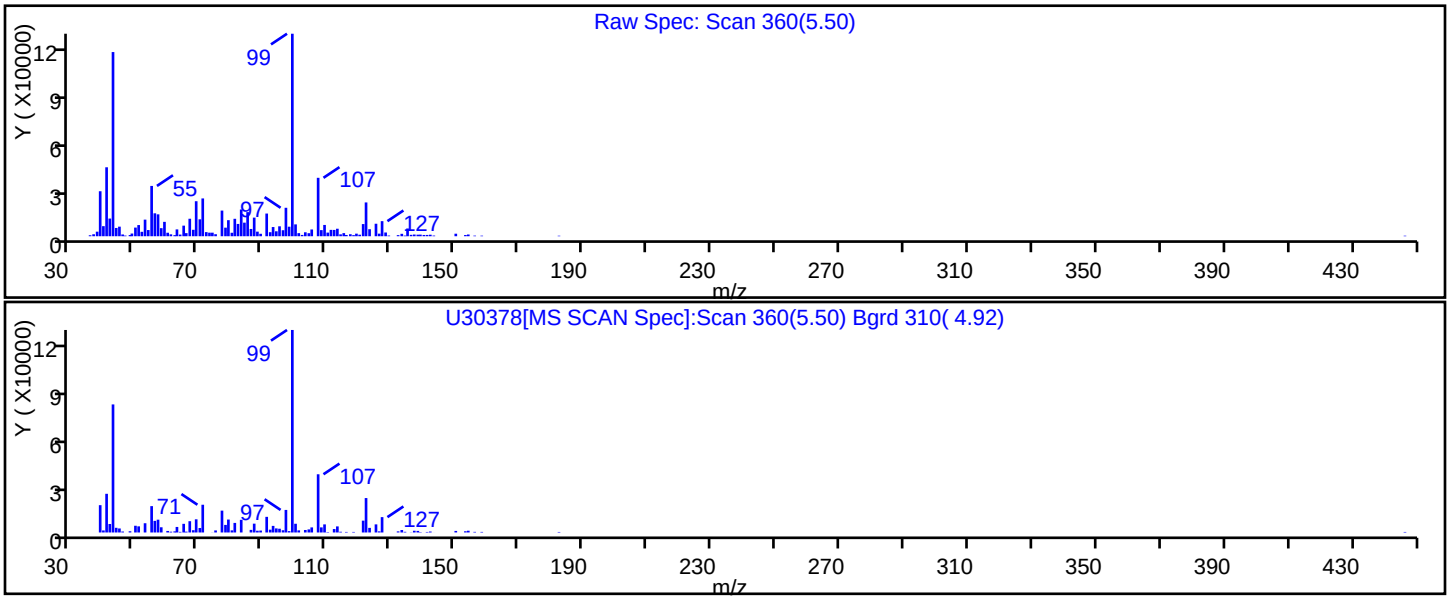
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

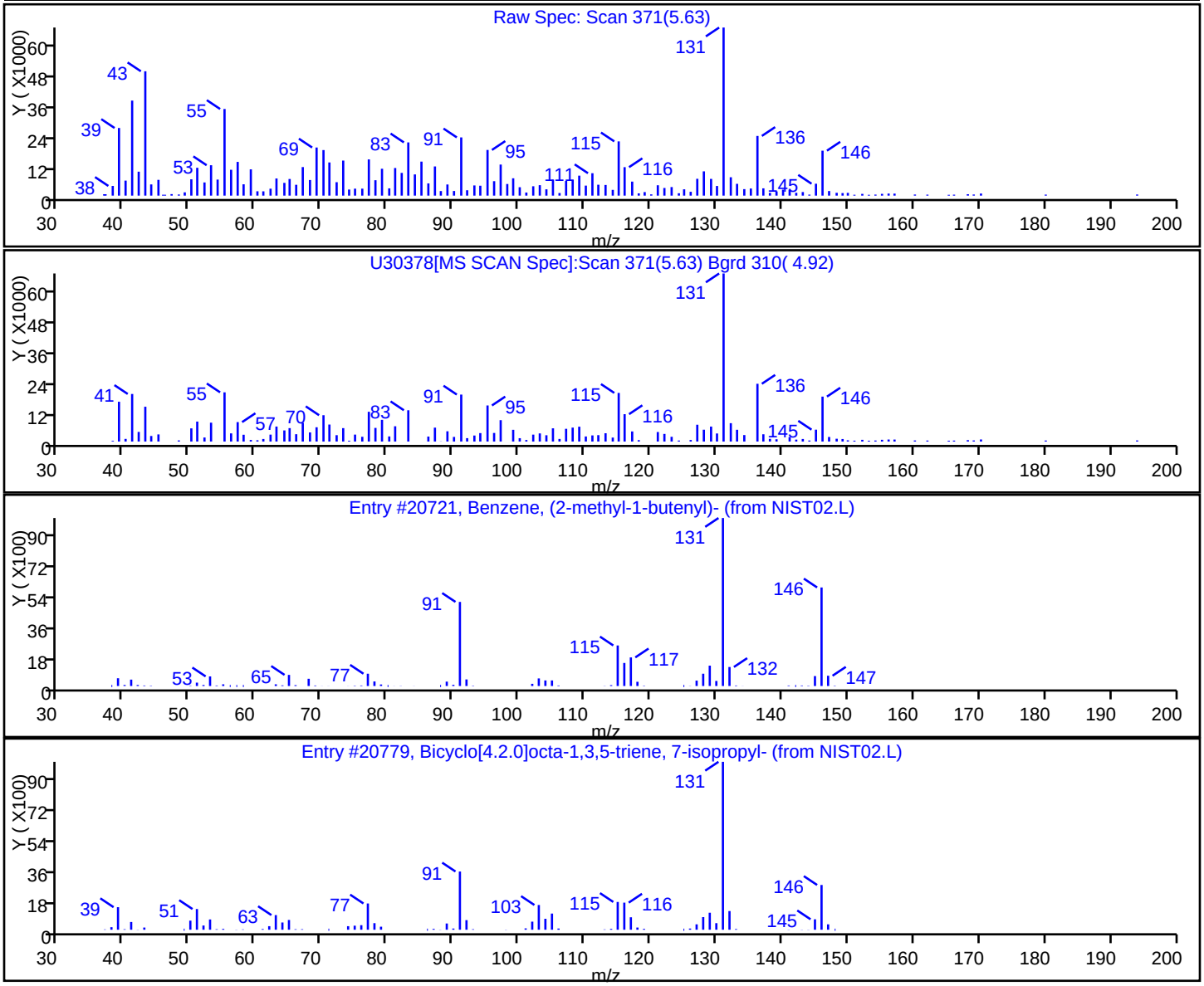


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
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	86
Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopr	27087-54-3	NIST02.L	20779	C11H14	146	83



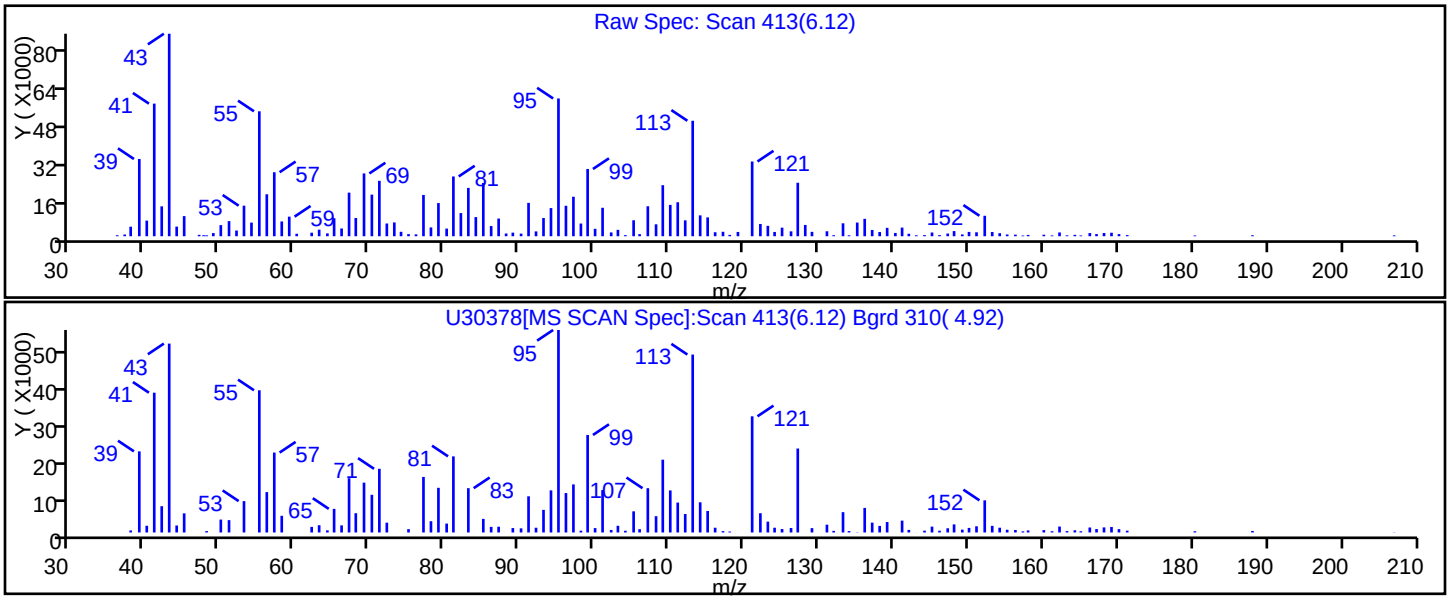
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



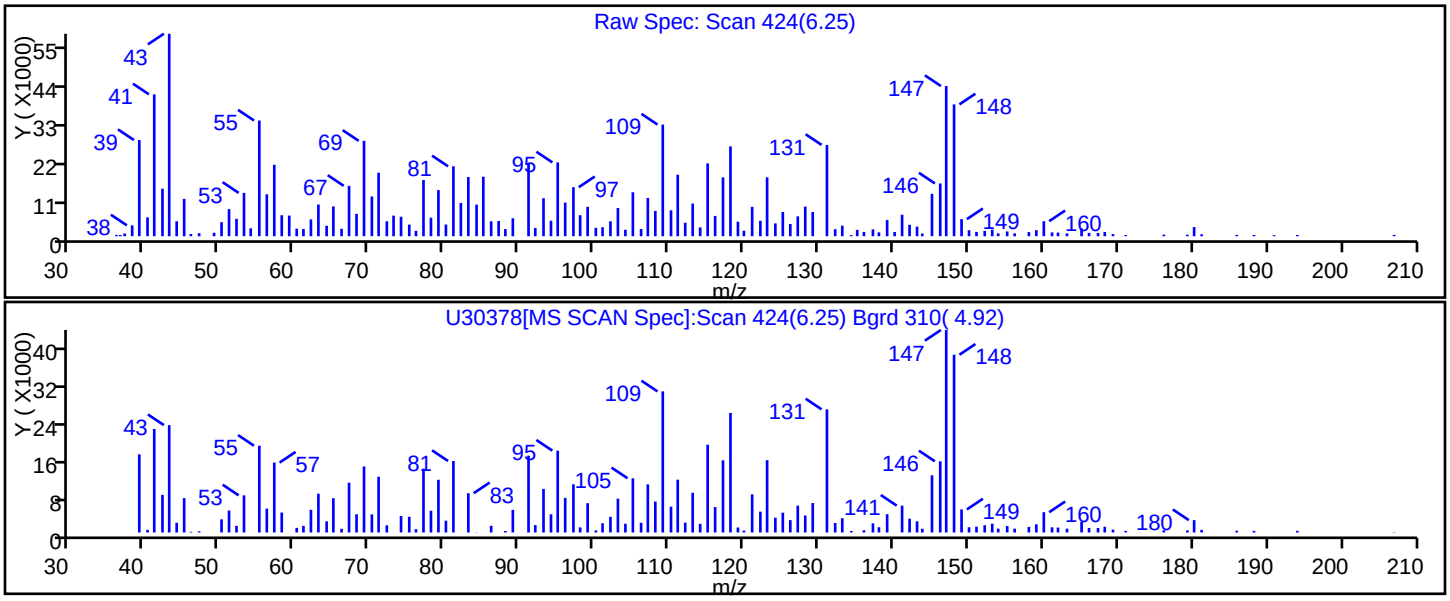
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

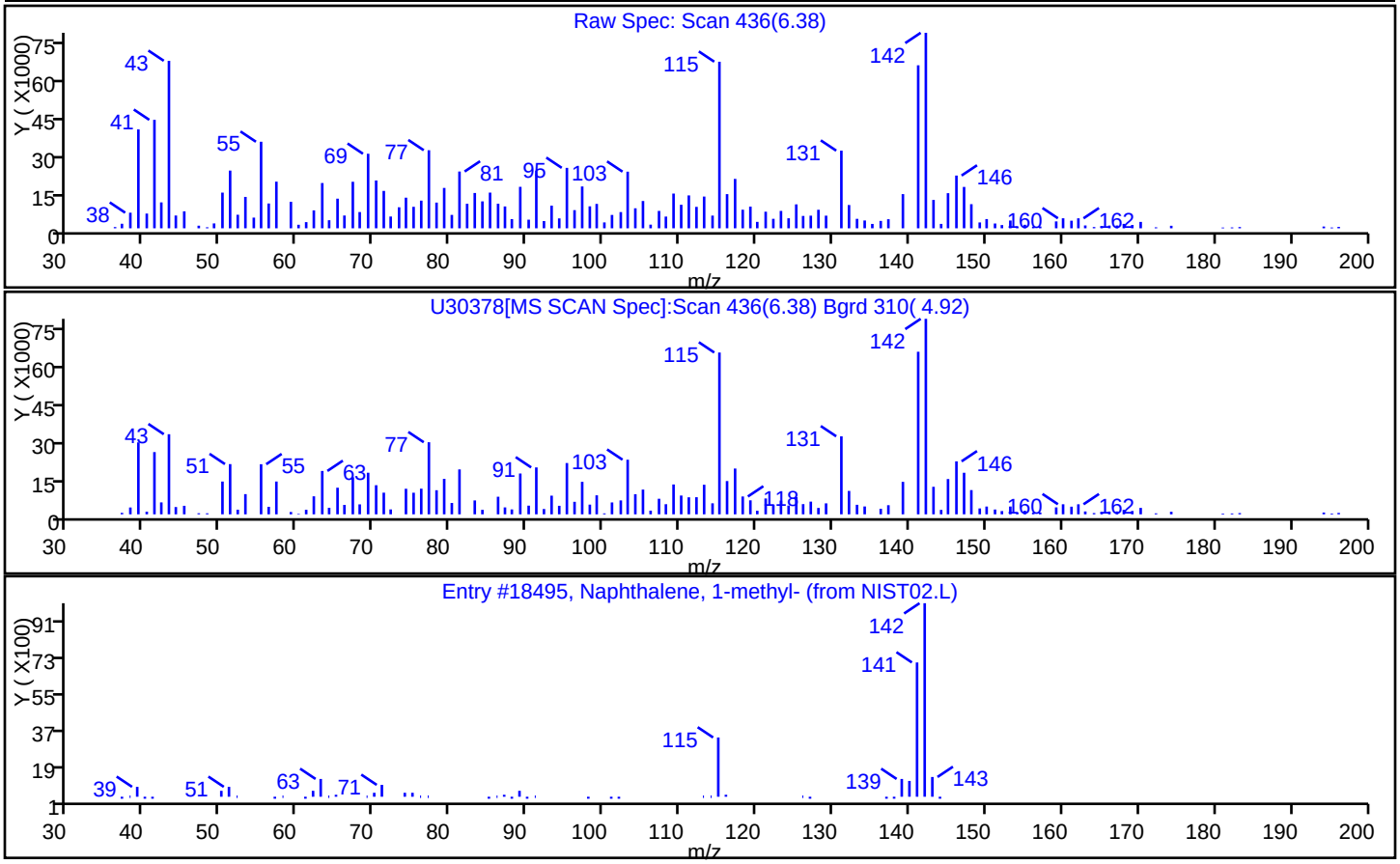


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18495	C11H10	142	83



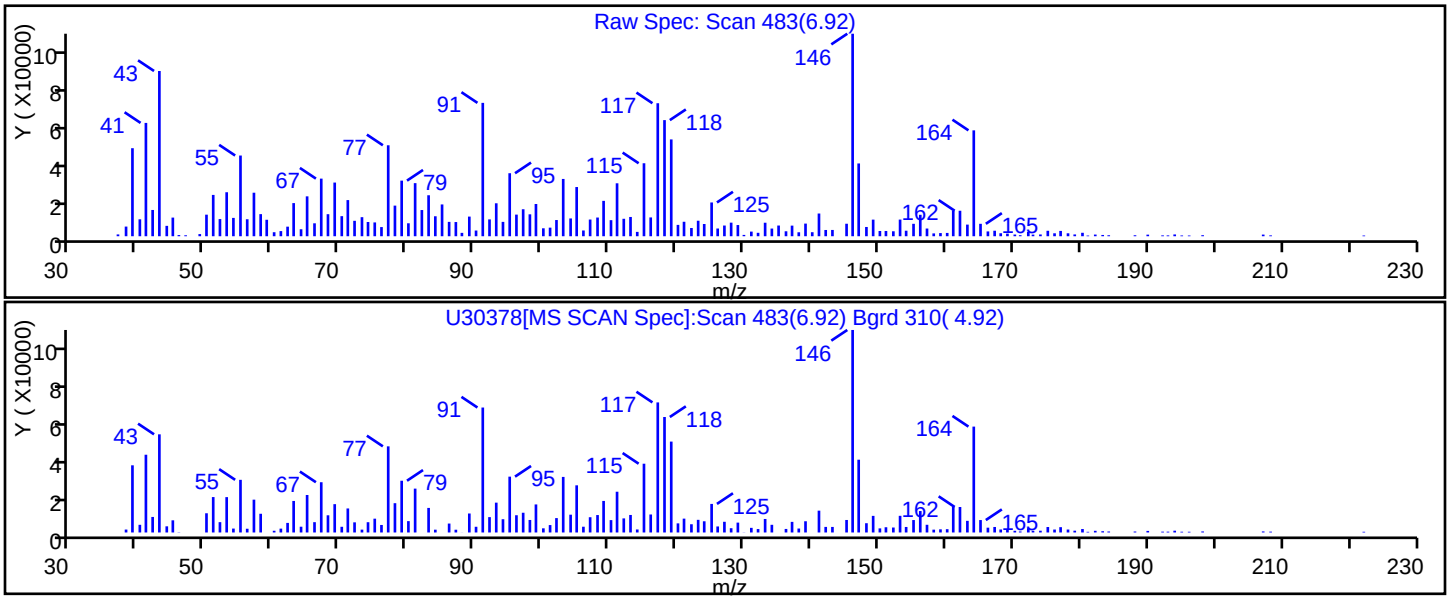
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



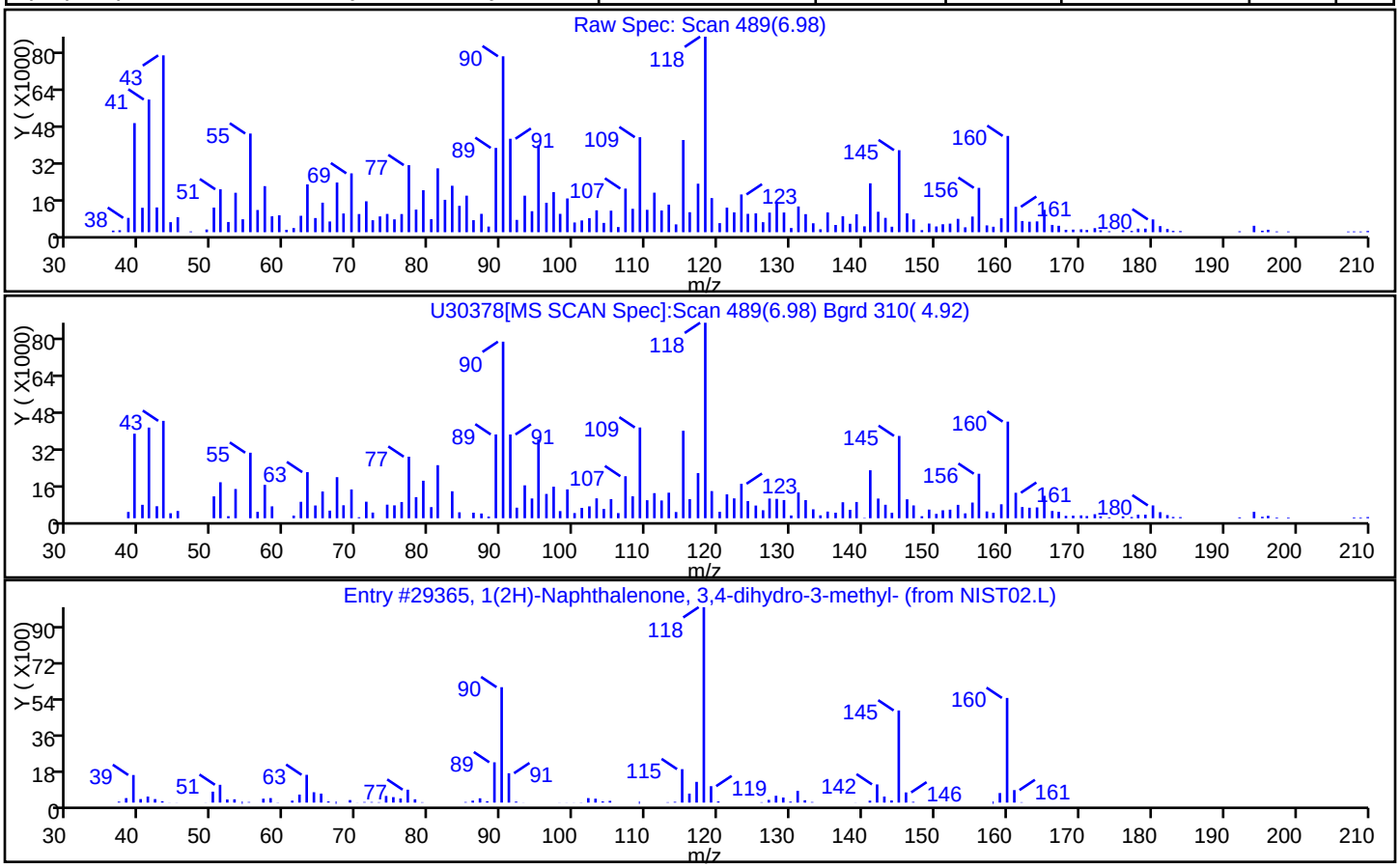
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1(2H)-Naphthalenone, 3,4-dihydro-3-methy	14944-23-1	NIST02.L	29365	C11H12O	160	81

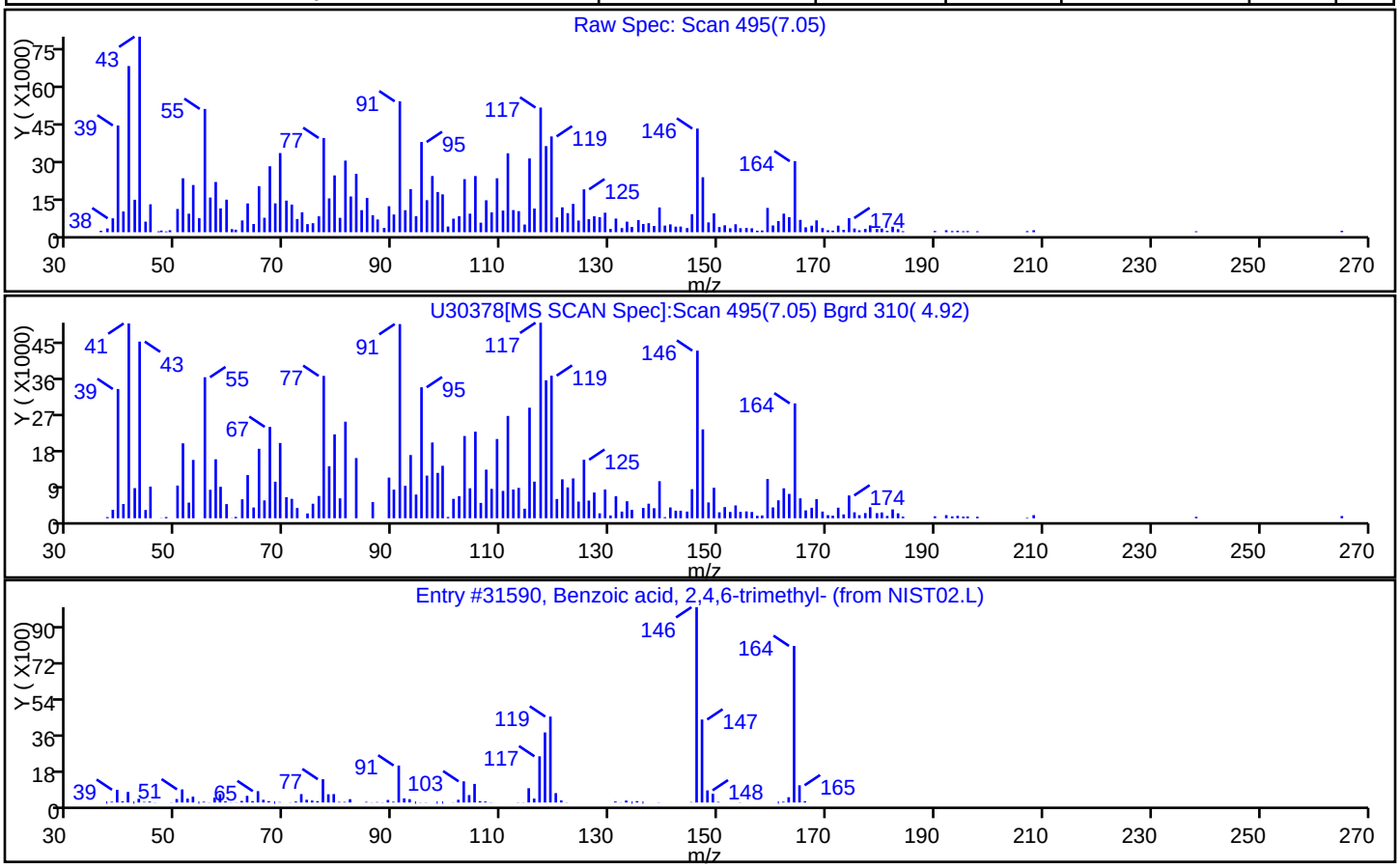


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	48 Worklist Smp#: 48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzoic acid, 2,4,6-trimethyl-	480-63-7	NIST02.L	31590	C10H12O2	164	83



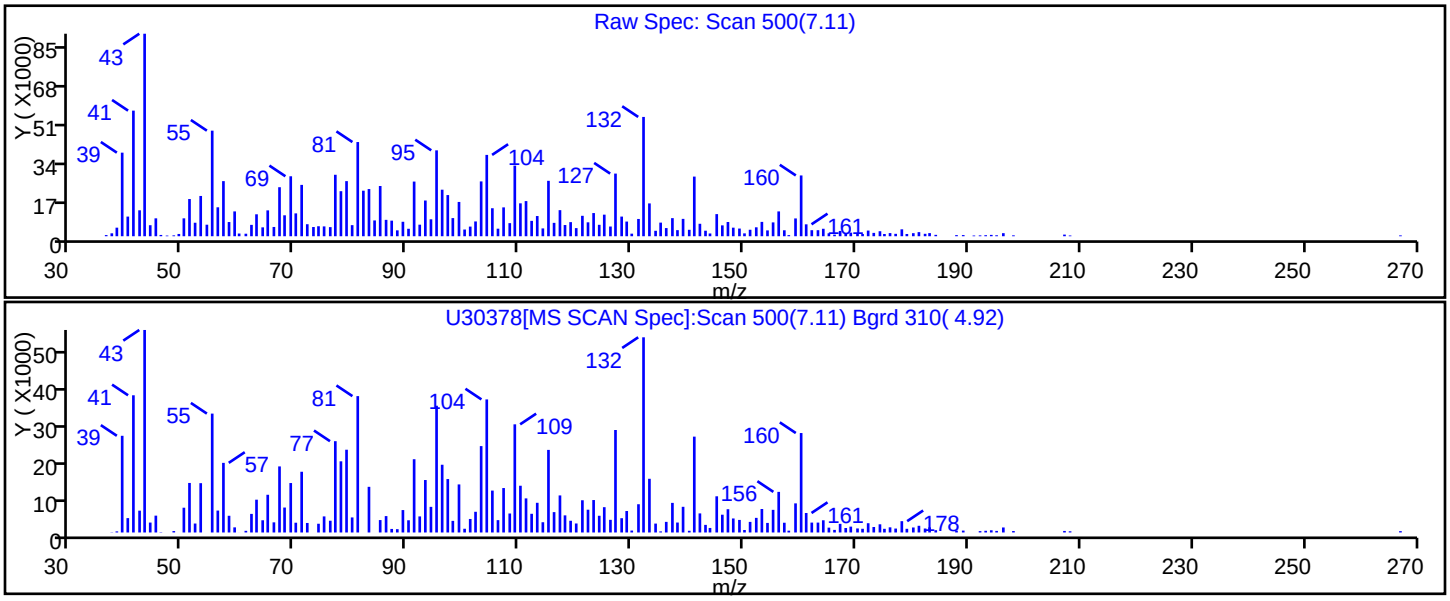
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



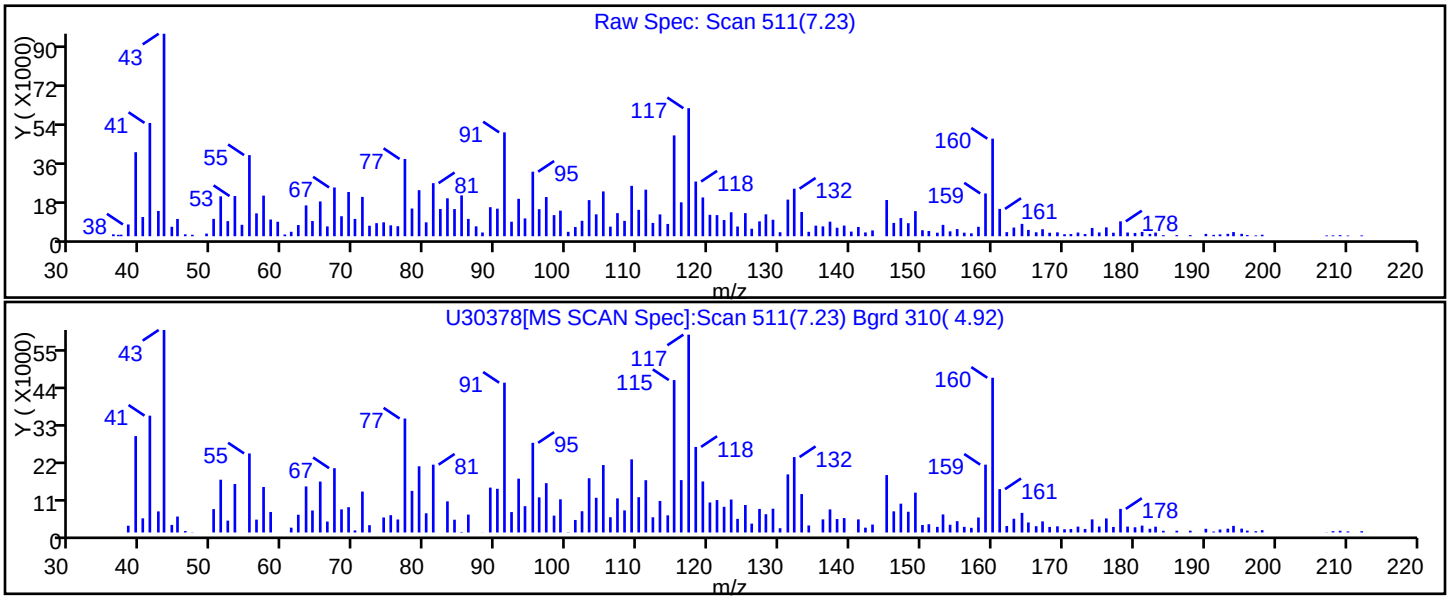
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

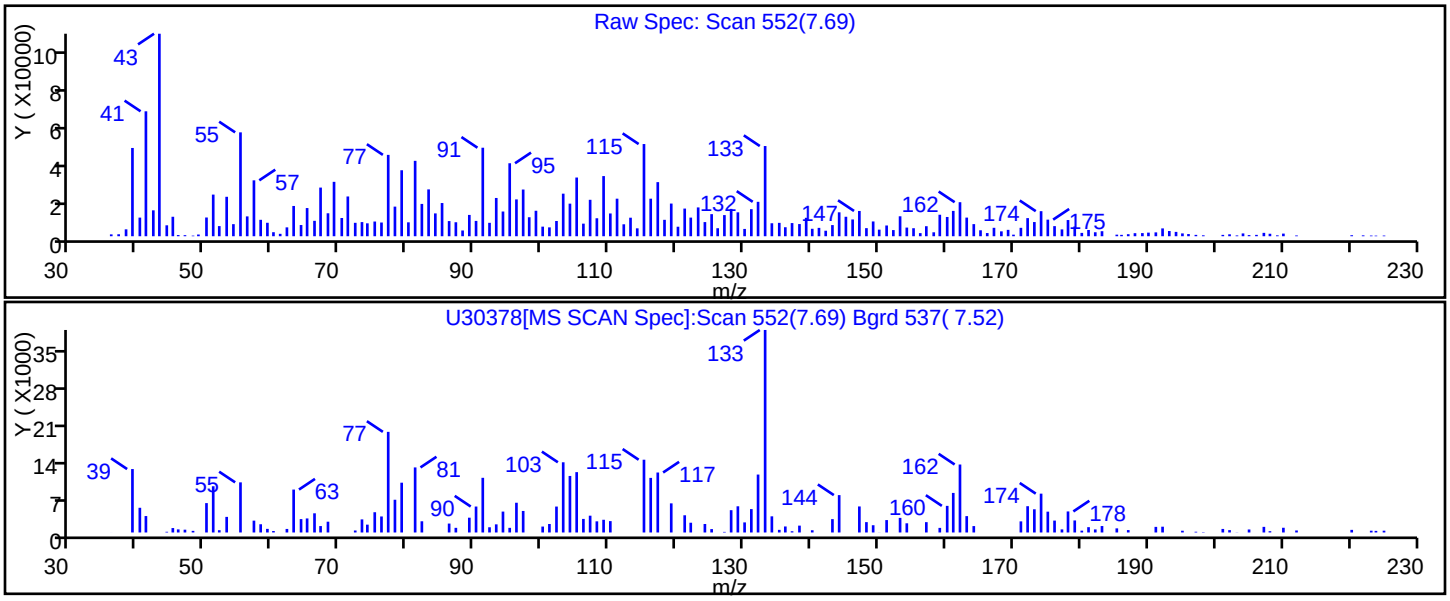


Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D				
Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



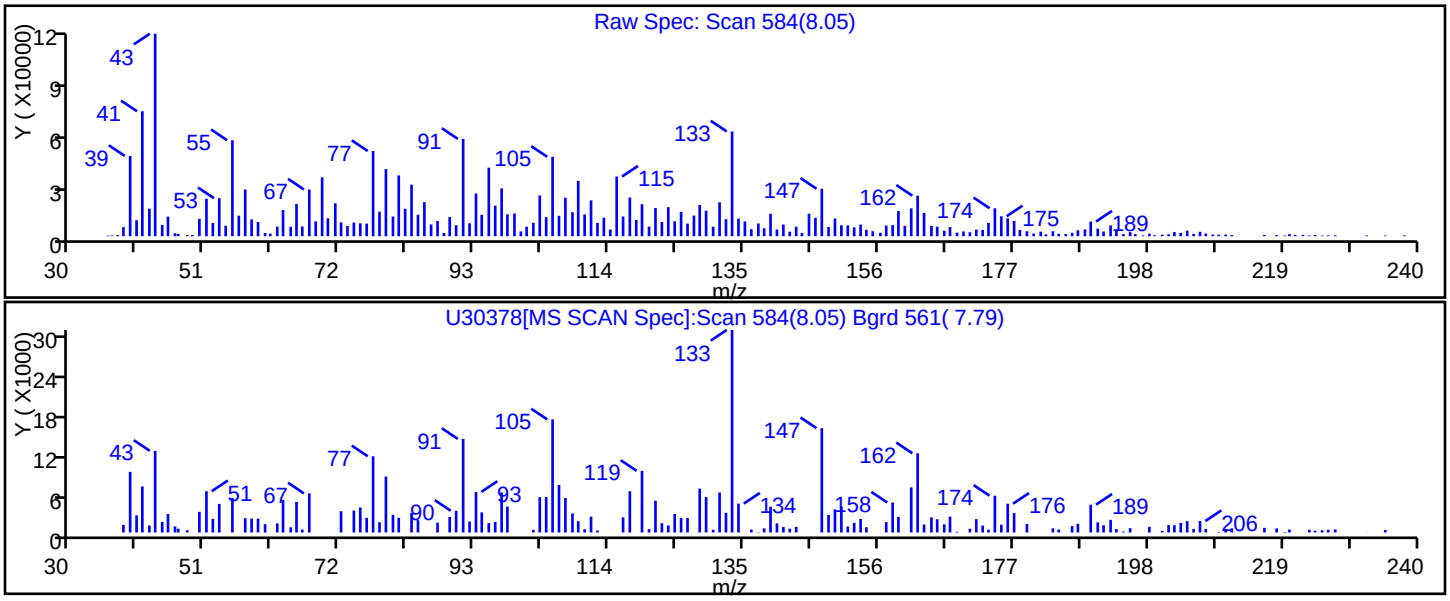
Report Date: 11-Oct-2016 23:26:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30378.D

Injection Date:	11-Oct-2016 18:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	48	Worklist Smp#:	48
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: U30384.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:10

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 20:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	J	10	1.1
106-46-7	1,4-Dichlorobenzene	2.3	J	10	0.66
95-50-1	1,2-Dichlorobenzene	5.0	J	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	20		10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: U30384.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:10

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 20:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	50		49-125
1718-51-0	Terphenyl-d14	40		28-150
321-60-8	2-Fluorobiphenyl	45		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: U30384.D

Analysis Method: 625 | Date Collected: 09/30/2016 09:10

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 20:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 3 | TIC Result Total: 30

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
95-13-6	Indene	4.56	12	J N	97%
	Unknown	5.33	9.9	J	
90-12-0	Naphthalene, 1-methyl-	6.38	8.1	J N	94%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D
Lims ID: 460-121208-G-3-A
Client ID: MW-14 Filtered
Sample Type: Client
Inject. Date: 11-Oct-2016 20:48:30 ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-054
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 12-Oct-2016 01:40:09 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: asfawa Date: 11-Oct-2016 23:36:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
13 1,3-Dichlorobenzene	146	4.254	4.258	-0.004	73	22061	0.1386	7
* 14 1,4-Dichlorobenzene-d4	152	4.301	4.309	-0.008	92	872266	8.00	
15 1,4-Dichlorobenzene	146	4.324	4.327	-0.003	93	42479	0.2853	
18 1,2-Dichlorobenzene	146	4.476	4.477	-0.001	88	92222	0.6245	
$ 28 Nitrobenzene-d5	82	4.858	4.876	-0.018	90	1455845	5.00	
* 38 Naphthalene-d8	136	5.582	5.576	0.006	96	2478694	8.00	
39 Naphthalene	128	5.593	5.602	-0.009	96	813824	2.46	
45 2-Methylnaphthalene	142	6.291	6.295	-0.004	56	25420	0.1020	7
$ 52 2-Fluorobiphenyl	172	6.652	6.664	-0.012	95	1484421	4.52	
* 64 Acenaphthene-d10	164	7.321	7.322	-0.001	92	1594596	8.00	
* 87 Phenanthrene-d10	188	8.767	8.779	-0.012	99	2028444	8.00	
$ 96 Terphenyl-d14	244	10.328	10.340	-0.012	98	912985	4.00	
* 102 Chrysene-d12	240	11.497	11.507	-0.010	98	1521903	8.00	
* 109 Perylene-d12	264	13.392	13.388	0.004	99	1820260	8.00	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D				
Lims ID:	460-121208-G-3-A				
Client ID:	MW-14 Filtered				
Sample Type:	Client				
Inject. Date:	11-Oct-2016 20:48:30	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046722-054				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	12-Oct-2016 01:40:09	Calib Date:	06-Oct-2016 16:13:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK035				
First Level Reviewer: asfawa		Date:	11-Oct-2016 23:36:40		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
95-13-6 Indene								
4.559	1200853	1.45	14	97	8168	C9H8	116	
Unknown								
5.325	1031800	1.24	14					
90-12-0 Naphthalene, 1-methyl-								
6.383	945686	1.01	64	94	18495	C11H10	142	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.301	6638397	8.00
* 64 Acenaphthene-d10	7.321	7483267	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

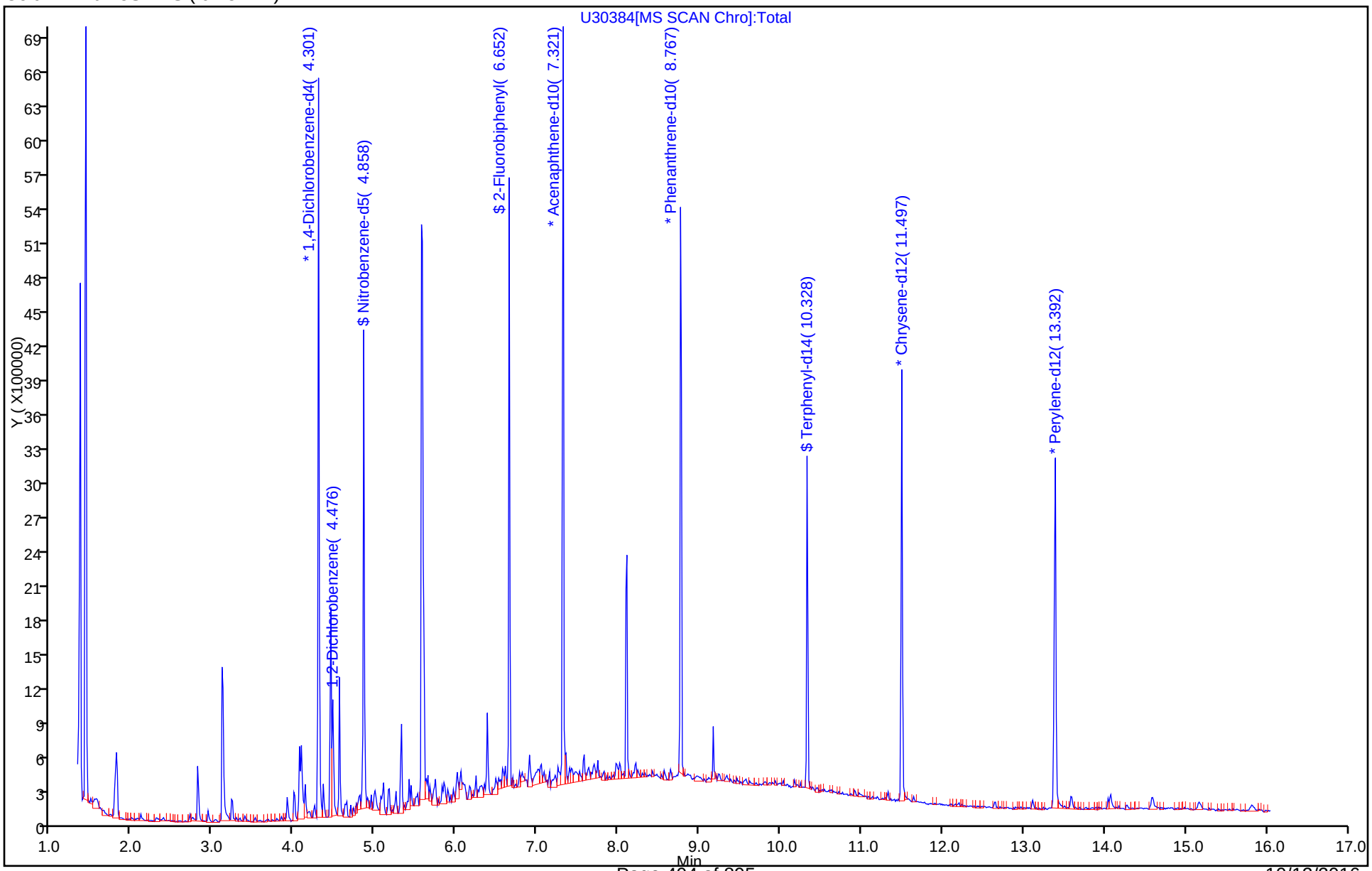
Report Date: 12-Oct-2016 01:40:10 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D

Injection Date:	11-Oct-2016 20:48:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-G-3-A	Lab Sample ID:	460-121208-3	Worklist Smp#:	54
Client ID:	MW-14 Filtered				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	54
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

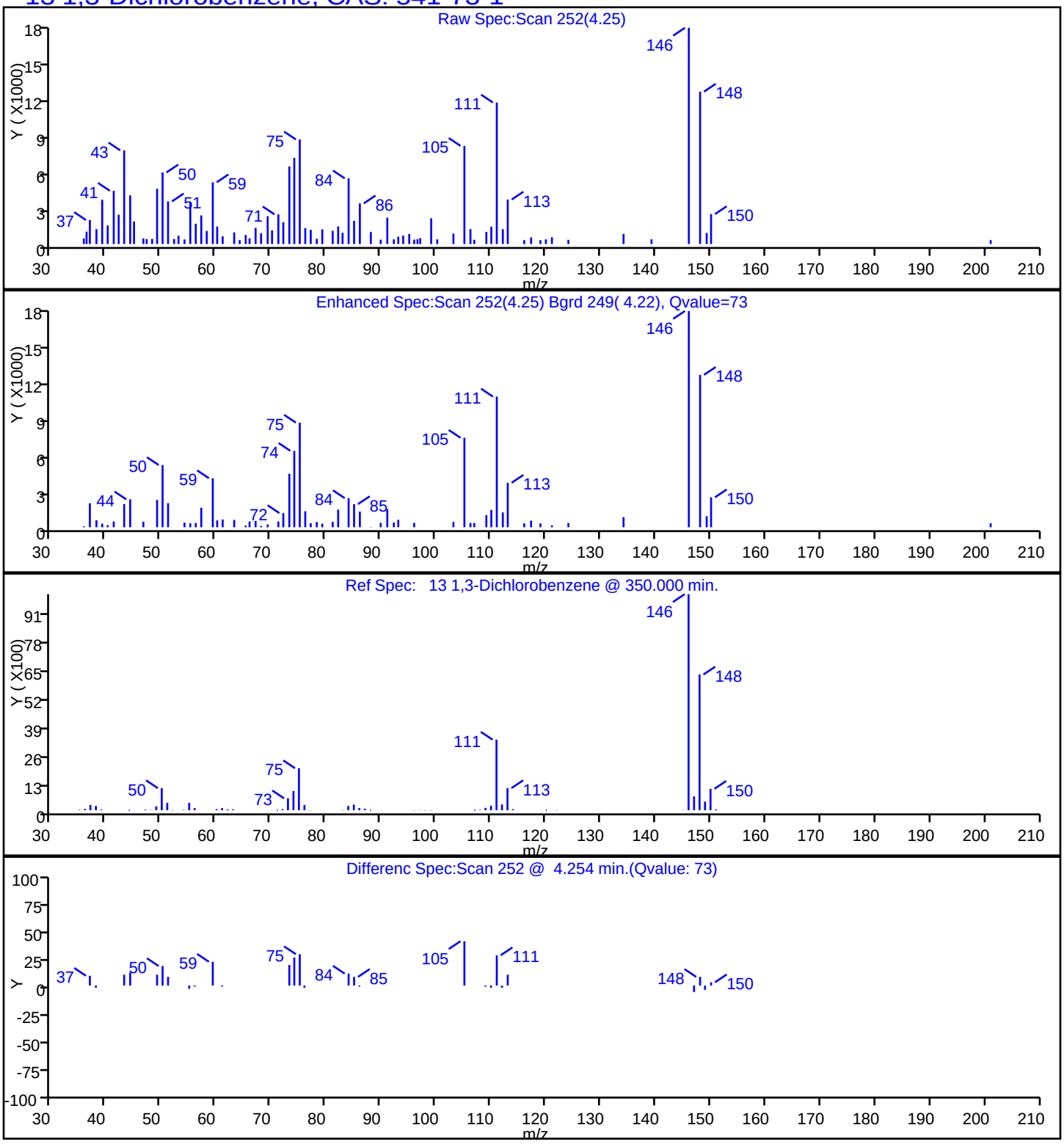
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D				
Injection Date:	11-Oct-2016 20:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

13 1,3-Dichlorobenzene, CAS: 541-73-1



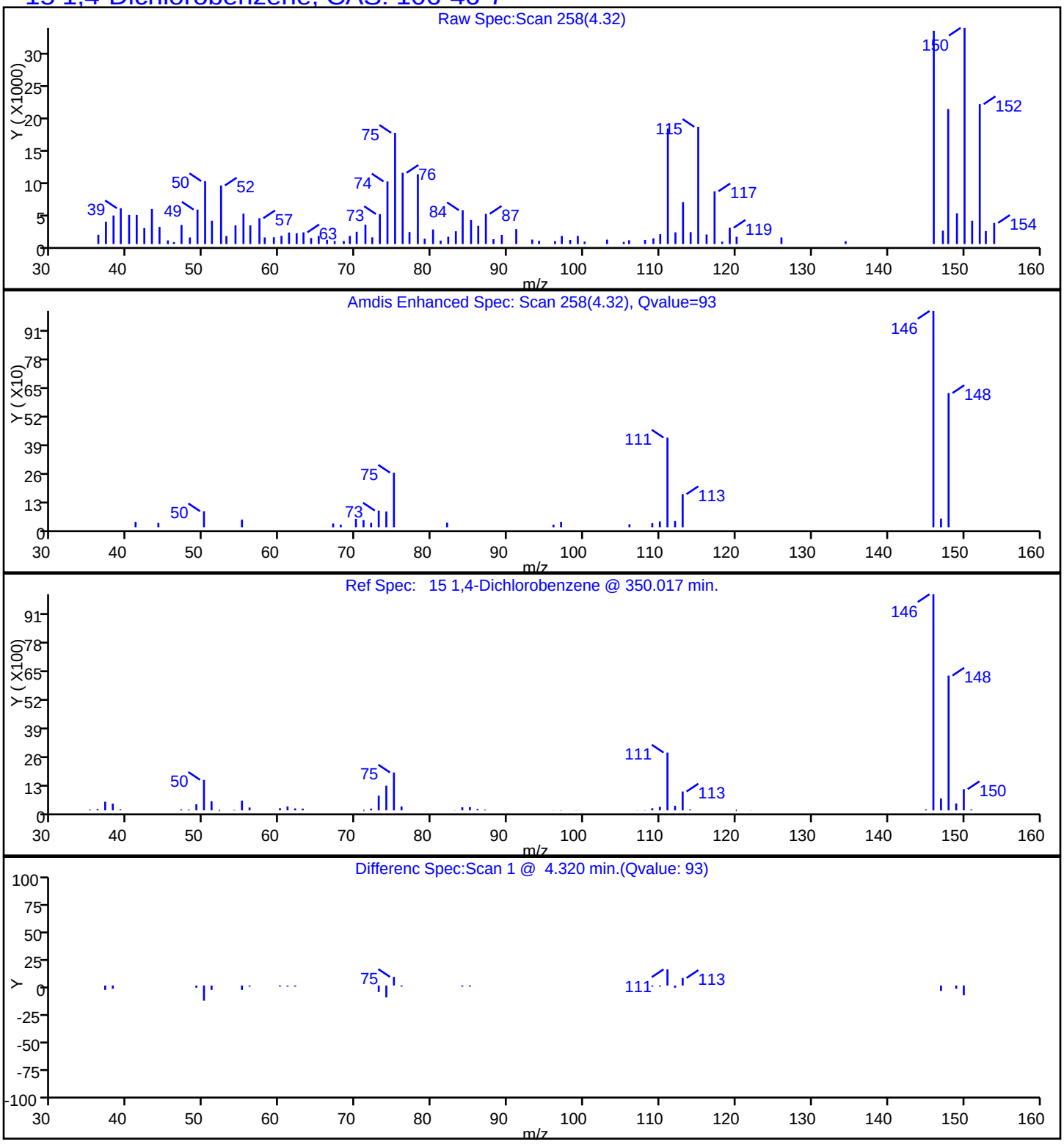
Report Date: 12-Oct-2016 01:40:10 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D

Injection Date:	11-Oct-2016 20:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

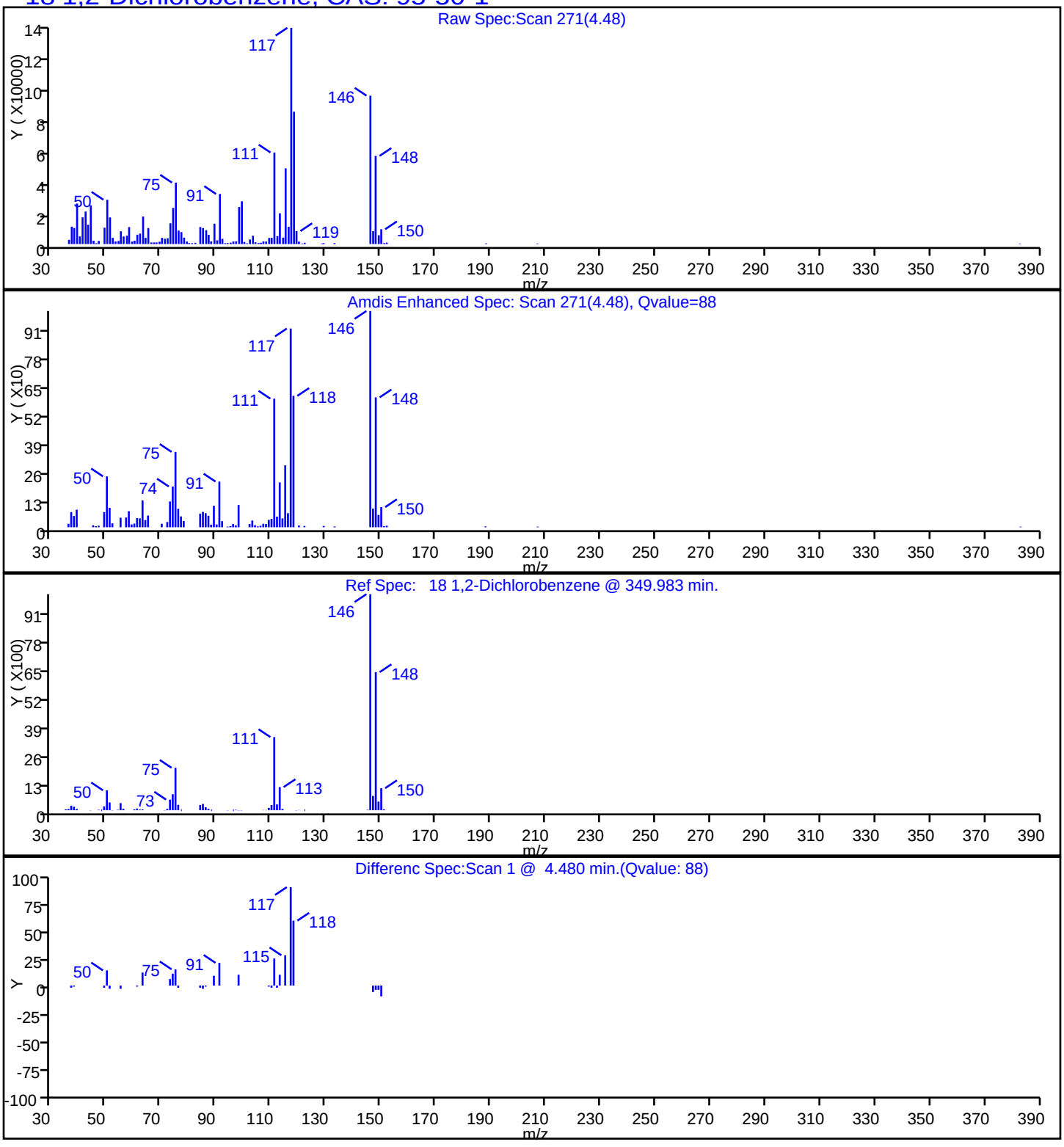
15 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D				
Injection Date:	11-Oct-2016 20:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

18 1,2-Dichlorobenzene, CAS: 95-50-1



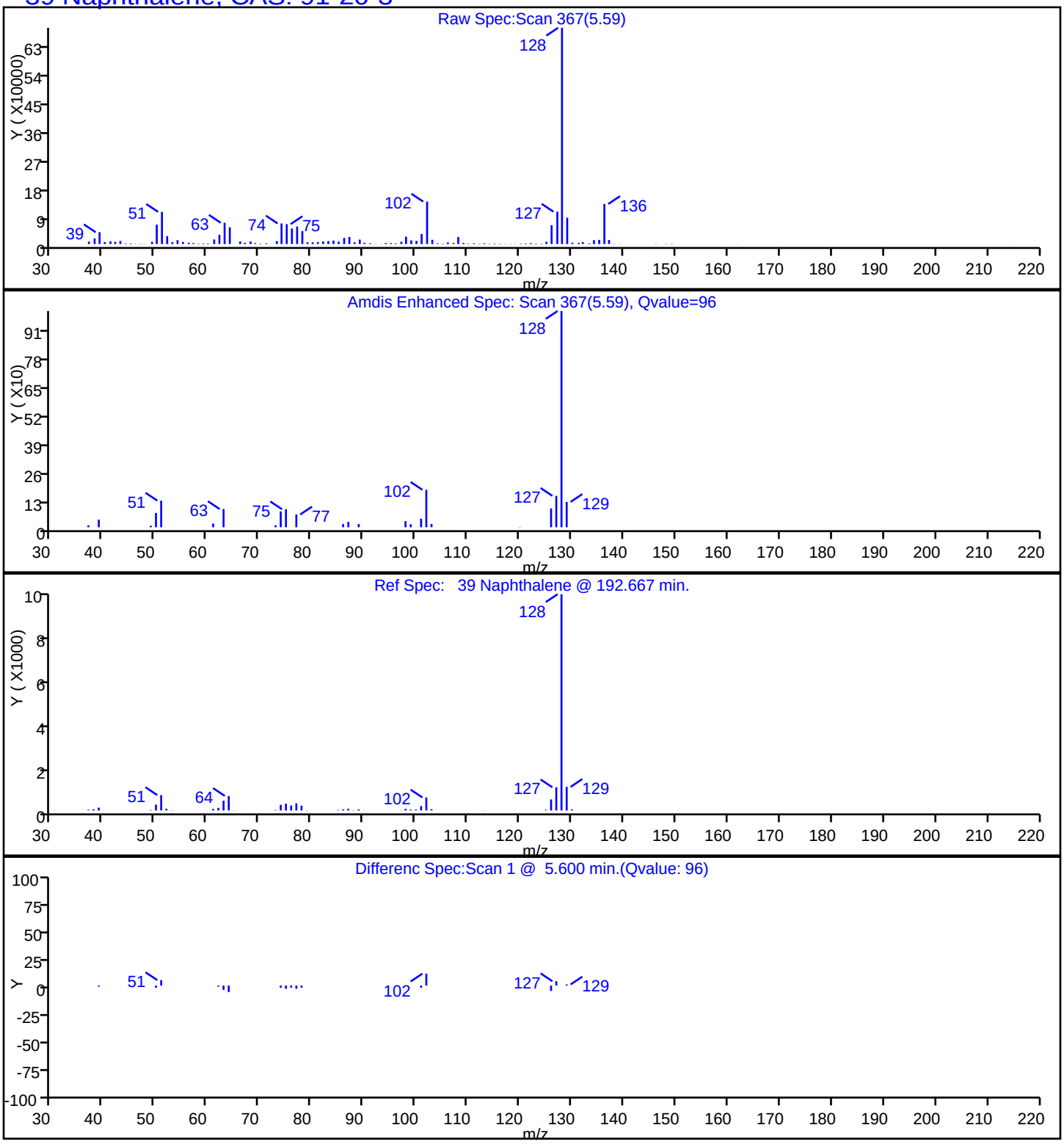
Report Date: 12-Oct-2016 01:40:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D

Injection Date:	11-Oct-2016 20:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



Report Date: 12-Oct-2016 01:40:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D

Injection Date: 11-Oct-2016 20:48:30 Instrument ID: CBNAMS4

Lims ID: 460-121208-G-3-A Lab Sample ID: 460-121208-3

Client ID: MW-14 Filtered

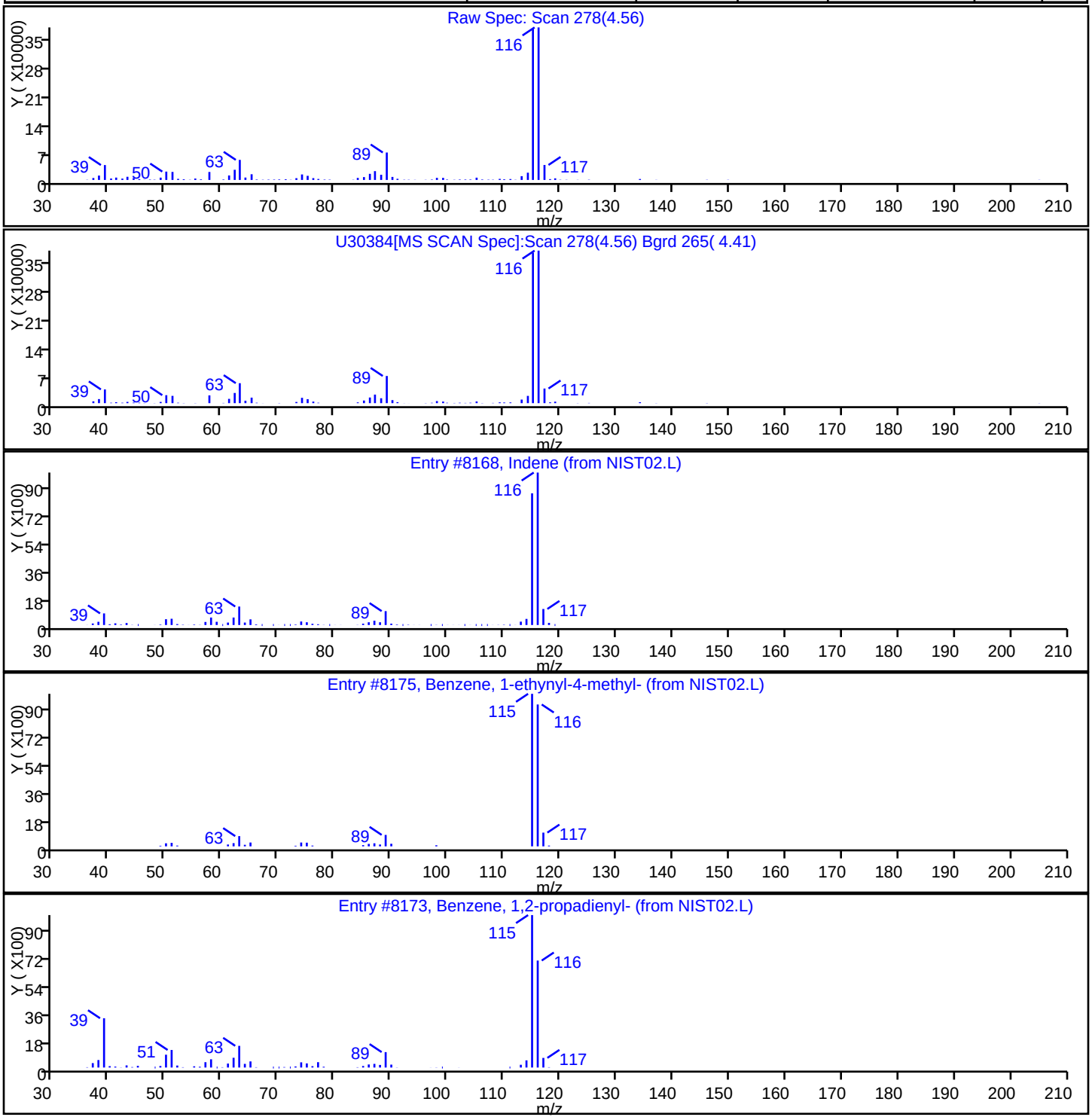
Operator ID: ALS Bottle#: 54 Worklist Smp#: 54

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8168	C9H8	116	97
Benzene, 1-ethynyl-4-methyl-	766-97-2	NIST02.L	8175	C9H8	116	91
Benzene, 1,2-propadienyl-	2327-99-3	NIST02.L	8173	C9H8	116	91

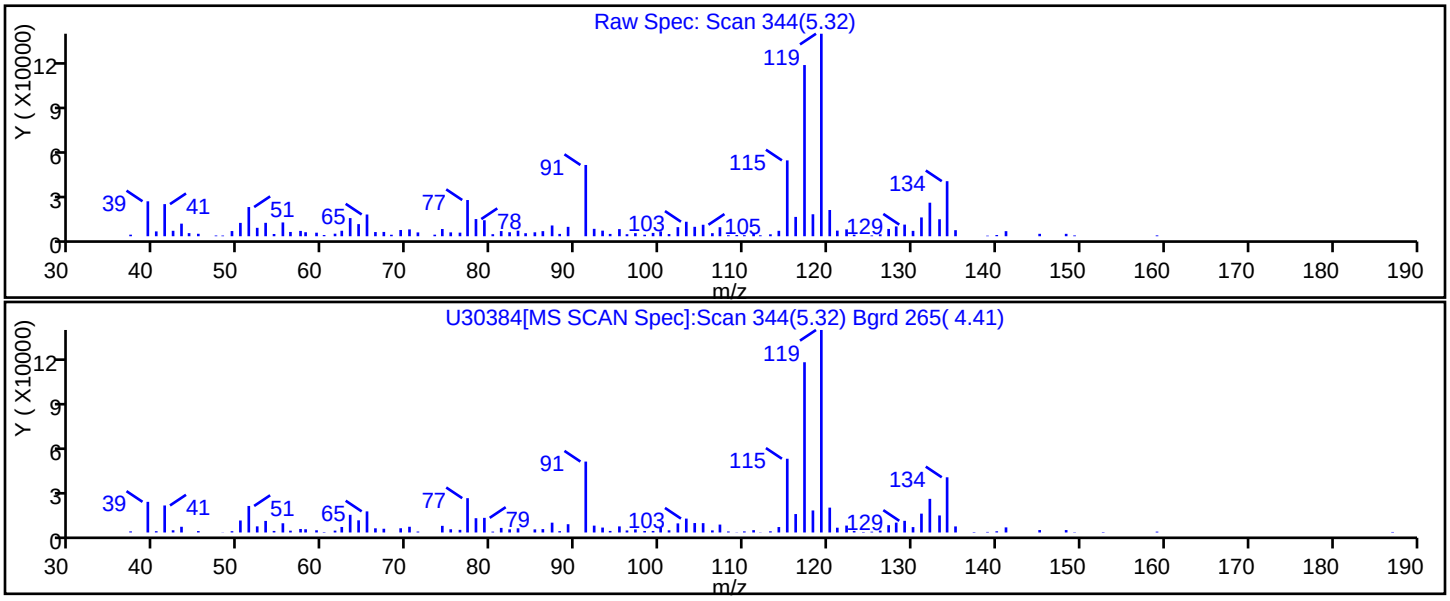


Report Date: 12-Oct-2016 01:40:11 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D				
Injection Date:	11-Oct-2016 20:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

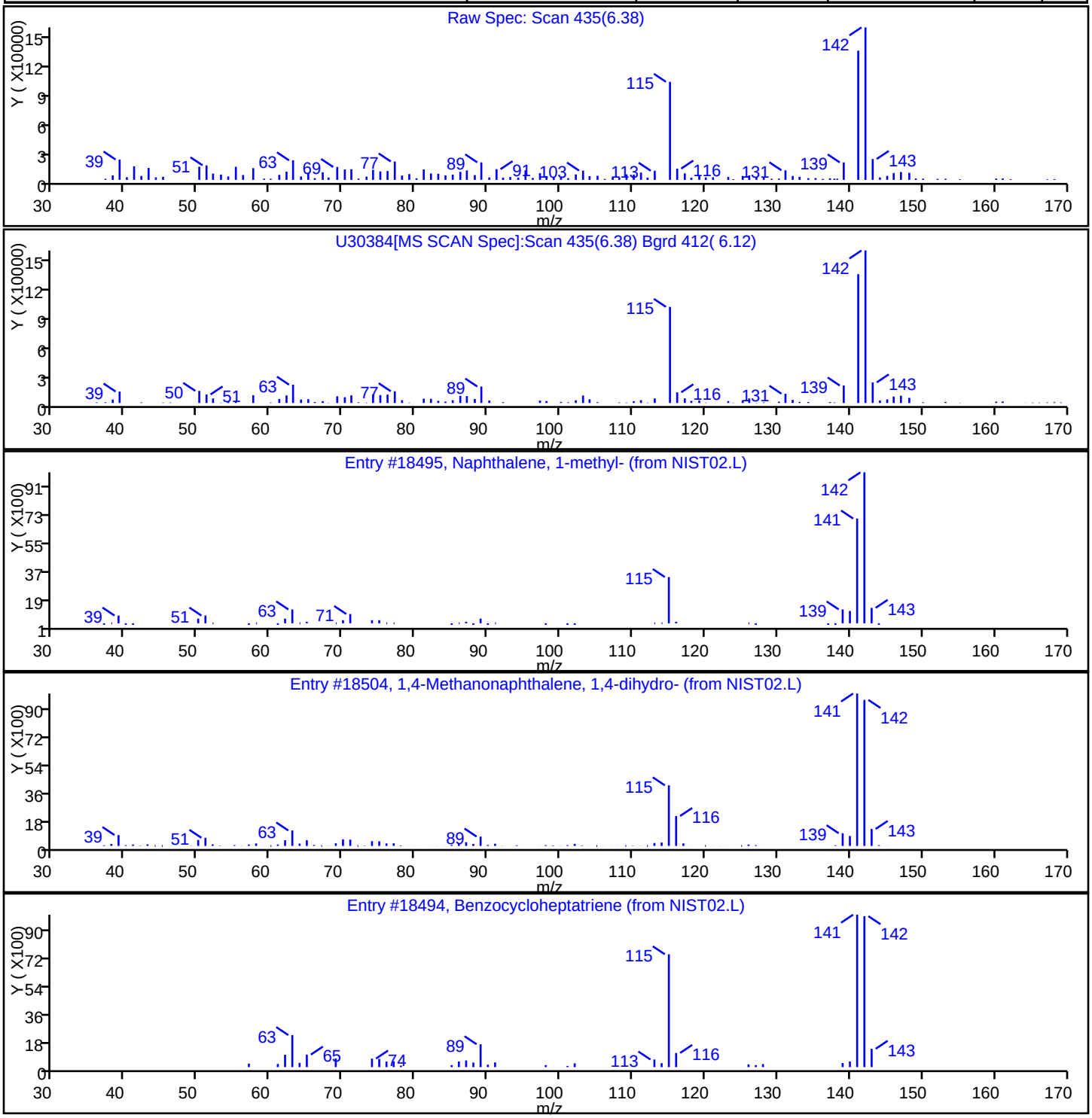
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30384.D
Injection Date: 11-Oct-2016 20:48:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-G-3-A Lab Sample ID: 460-121208-3
Client ID: MW-14 Filtered
Operator ID: ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18495	C11H10	142	94
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	90
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	87



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: U30379.D

Analysis Method: 625 | Date Collected: 09/30/2016 10:35

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	1.3	J	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	3.8		1.0	0.61
91-20-3	Naphthalene	7.6	J	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	9.0	J	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	1.1	J	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: U30379.D

Analysis Method: 625 | Date Collected: 09/30/2016 10:35

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		49-125
1718-51-0	Terphenyl-d14	55		28-150
321-60-8	2-Fluorobiphenyl	71		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: U30379.D

Analysis Method: 625 | Date Collected: 09/30/2016 10:35

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 15 | TIC Result Total: 163.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
611-14-3	Benzene, 1-ethyl-2-methyl-	4.00	11	J N	93%
526-73-8	Benzene, 1,2,3-trimethyl-	4.36	9.0	J N	95%
95-13-6	Indene	4.56	8.6	J N	95%
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	5.10	7.9	J N	95%
1560-06-1	Benzene, 2-butenyl-	5.32	18	J N	95%
	Unknown	5.41	8.5	J	
	Unknown	6.05	15	J	
	Unknown	6.25	8.6	J	
264-09-5	Benzocycloheptatriene	6.38	16	J N	96%
	Unknown	6.57	8.3	J	
	Unknown	6.99	13	J	
	Unknown	7.01	9.9	J	
	Unknown	7.64	8.6	J	
	Unknown	7.99	13	J	
	Unknown	10.92	8.4	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D
Lims ID: 460-121208-E-4-A
Client ID: MW-22
Sample Type: Client
Inject. Date: 11-Oct-2016 19:08:30 ALS Bottle#: 49 Worklist Smp#: 49
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-049
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 21:43:33 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 11-Oct-2016 21:43:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.303	4.309	-0.006	92	850789	8.00	
15 1,4-Dichlorobenzene	146	4.315	4.327	-0.012	84	23323	0.1606	
$ 28 Nitrobenzene-d5	82	4.855	4.876	-0.021	90	1944350	7.30	
37 1,2,4-Trichlorobenzene	180	5.528	5.533	-0.005	90	69905	0.4738	
* 38 Naphthalene-d8	136	5.575	5.576	-0.001	94	2265609	8.00	
39 Naphthalene	128	5.598	5.602	-0.004	96	289294	0.9562	
45 2-Methylnaphthalene	142	6.292	6.295	-0.003	80	255262	1.12	
$ 52 2-Fluorobiphenyl	172	6.664	6.664	0.000	95	2075685	7.06	
* 64 Acenaphthene-d10	164	7.325	7.322	0.003	92	1429055	8.00	
66 Acenaphthene	154	7.347	7.362	-0.015	85	26132	0.1398	
* 87 Phenanthrene-d10	188	8.774	8.779	-0.005	97	1717949	8.00	
$ 96 Terphenyl-d14	244	10.342	10.340	0.002	99	1231790	5.50	
* 102 Chrysene-d12	240	11.503	11.507	-0.004	98	1494795	8.00	
* 109 Perylene-d12	264	13.399	13.388	0.010	98	1876112	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D
Lims ID: 460-121208-E-4-A
Client ID: MW-22
Sample Type: Client
Inject. Date: 11-Oct-2016 19:08:30 ALS Bottle#: 49 Worklist Smp#: 49
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-049
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 21:43:33 Calib Date: 06-Oct-2016 16:13:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 11-Oct-2016 21:43:33

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	611-14-3	Benzene, 1-ethyl-2-methyl-						
3.998	1202307	1.40	14	93	9132	C9H12	120	
	526-73-8	Benzene, 1,2,3-trimethyl-						
4.362	969076	1.13	14	95	9113	C9H12	120	
	95-13-6	Indene						
4.562	922665	1.07	14	95	8168	C9H8	116	
	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-						
5.100	1036223	0.9900	38	95	14404	C10H14	134	
	1560-06-1	Benzene, 2-butenyl-						
5.321	2377853	2.27	38	95	13573	C10H12	132	
		Unknown						
5.413	1111920	1.06	38					
		Unknown						
6.049	1955157	1.87	38					
		Unknown						
6.246	1130166	1.08	38					
	264-09-5	Benzocycloheptatriene						
6.382	2079825	1.99	38	96	18494	C11H10	142	
		Unknown						
6.574	915239	1.03	64					
		Unknown						
6.989	1465307	1.65	64					
		Unknown						
7.011	1094273	1.23	64					

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
7.639	955775	1.08	64					
	Unknown							
7.987	1462293	1.65	64					
	Unknown							
10.917	559096	1.05	102					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.303	6879221	8.00
* 38 Naphthalene-d8	5.575	8373574	8.00
* 64 Acenaphthene-d10	7.325	7096158	8.00
* 102 Chrysene-d12	11.503	4255763	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

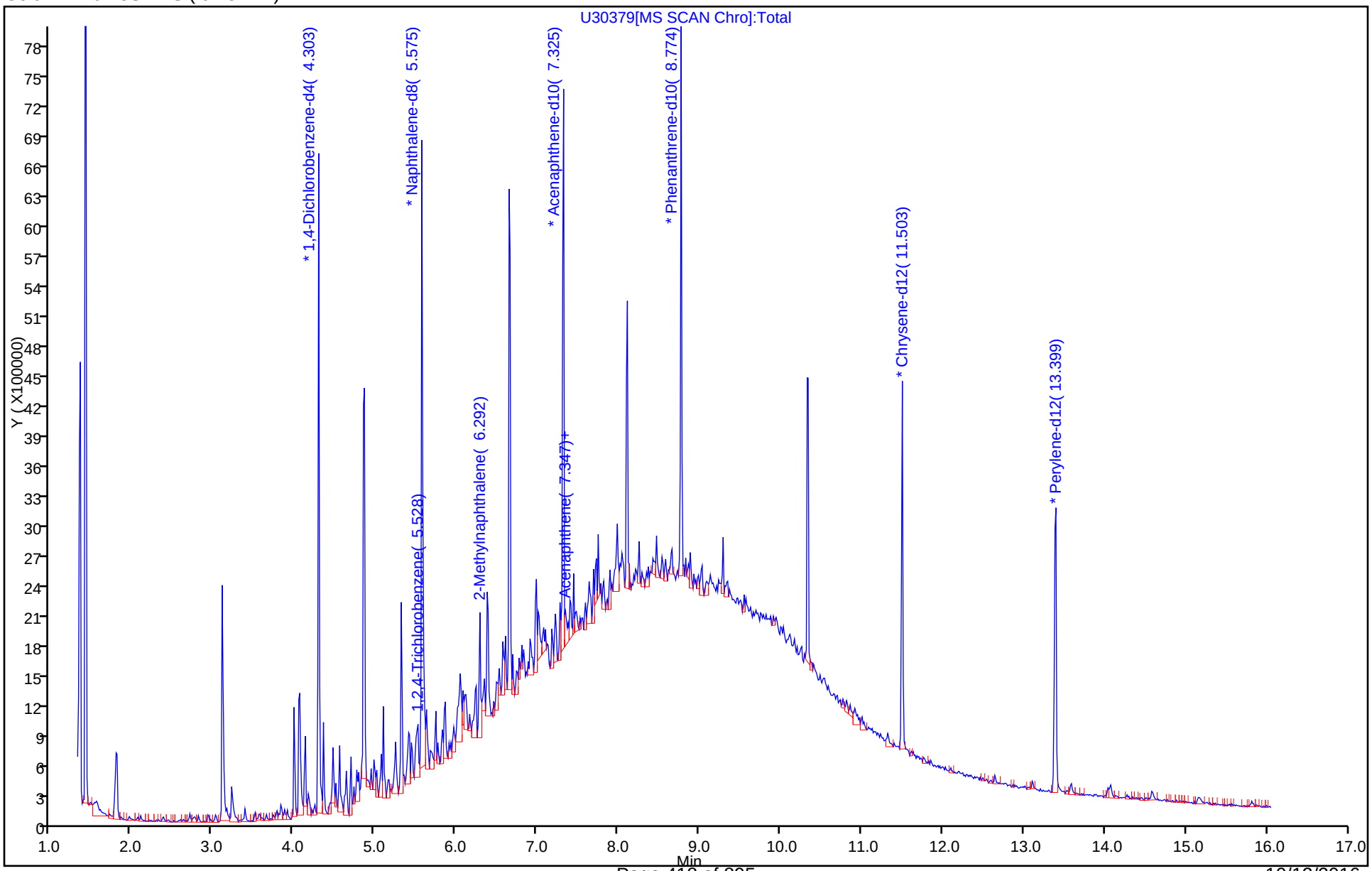
Report Date: 11-Oct-2016 21:43:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4	Worklist Smp#:	49
Client ID:	MW-22				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	49
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

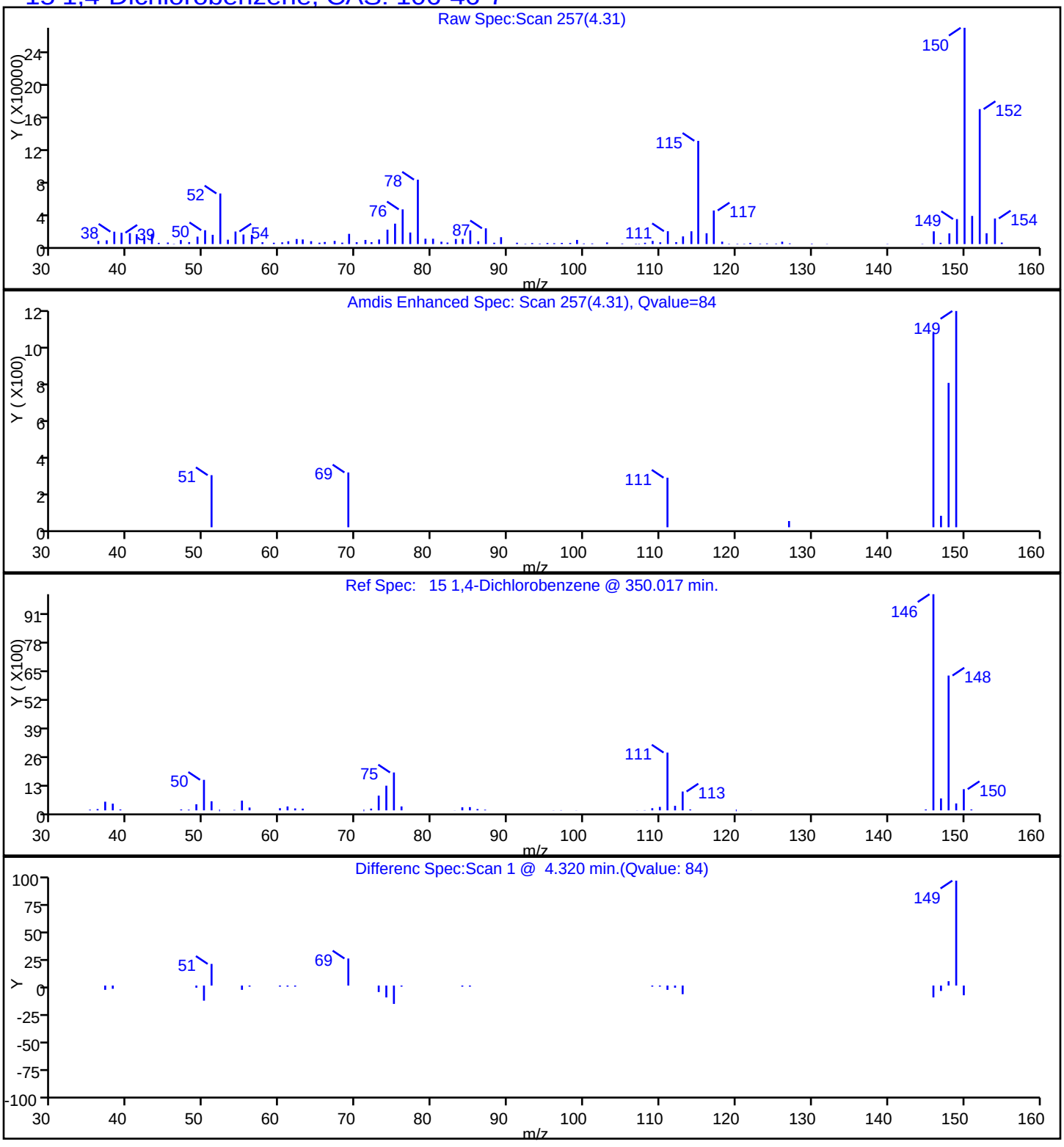
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D				
Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

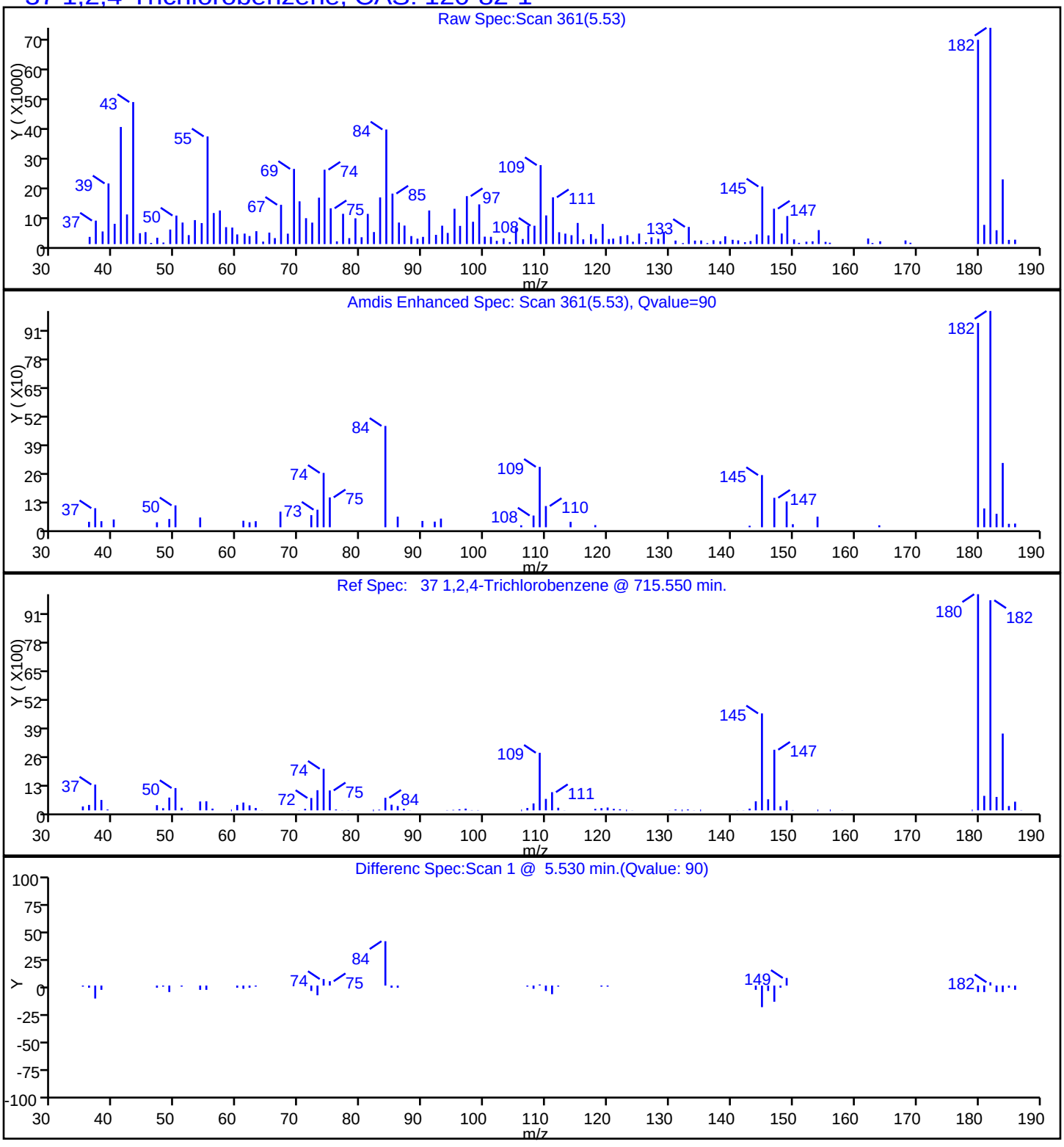
15 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D				
Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

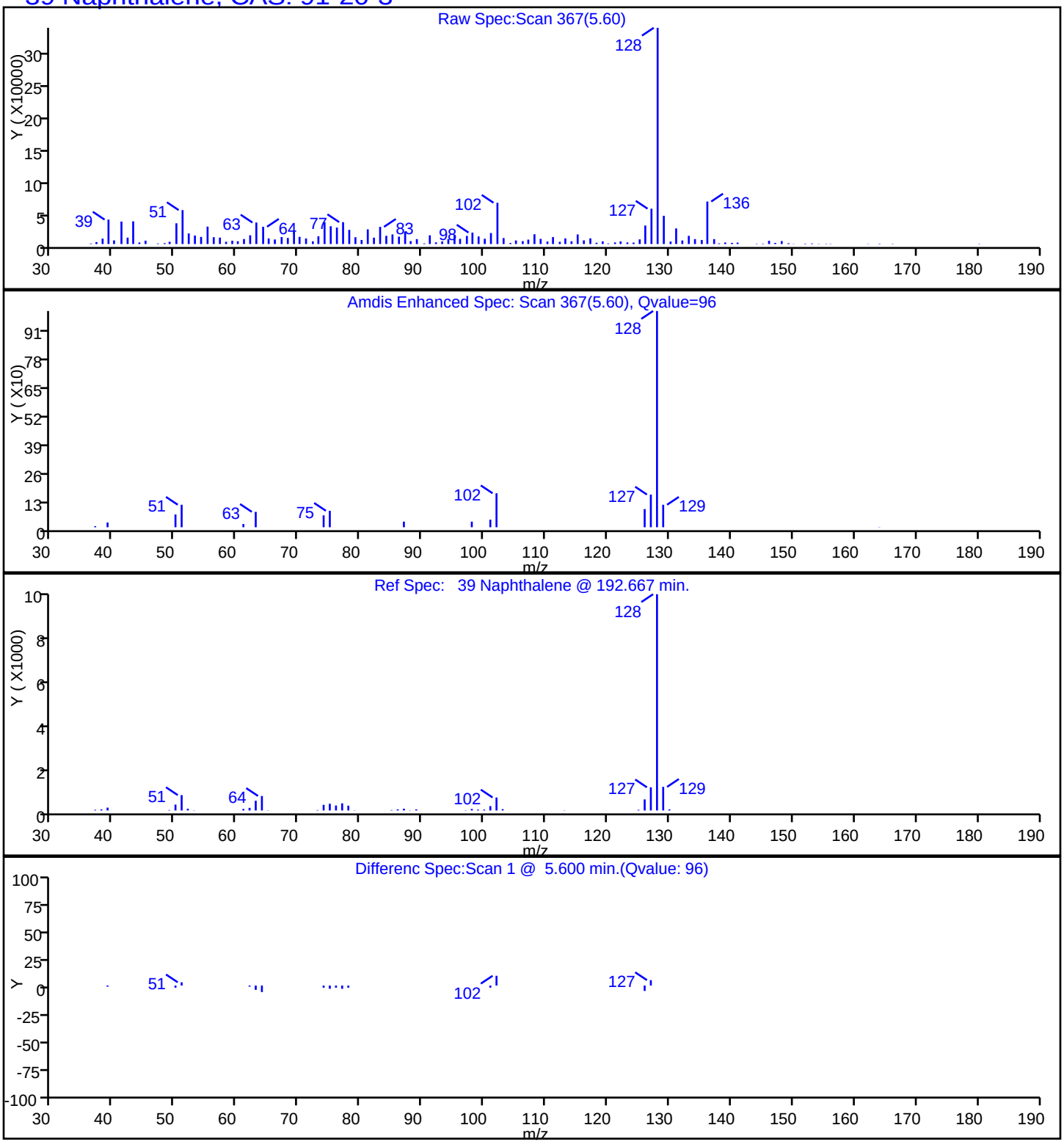
37 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

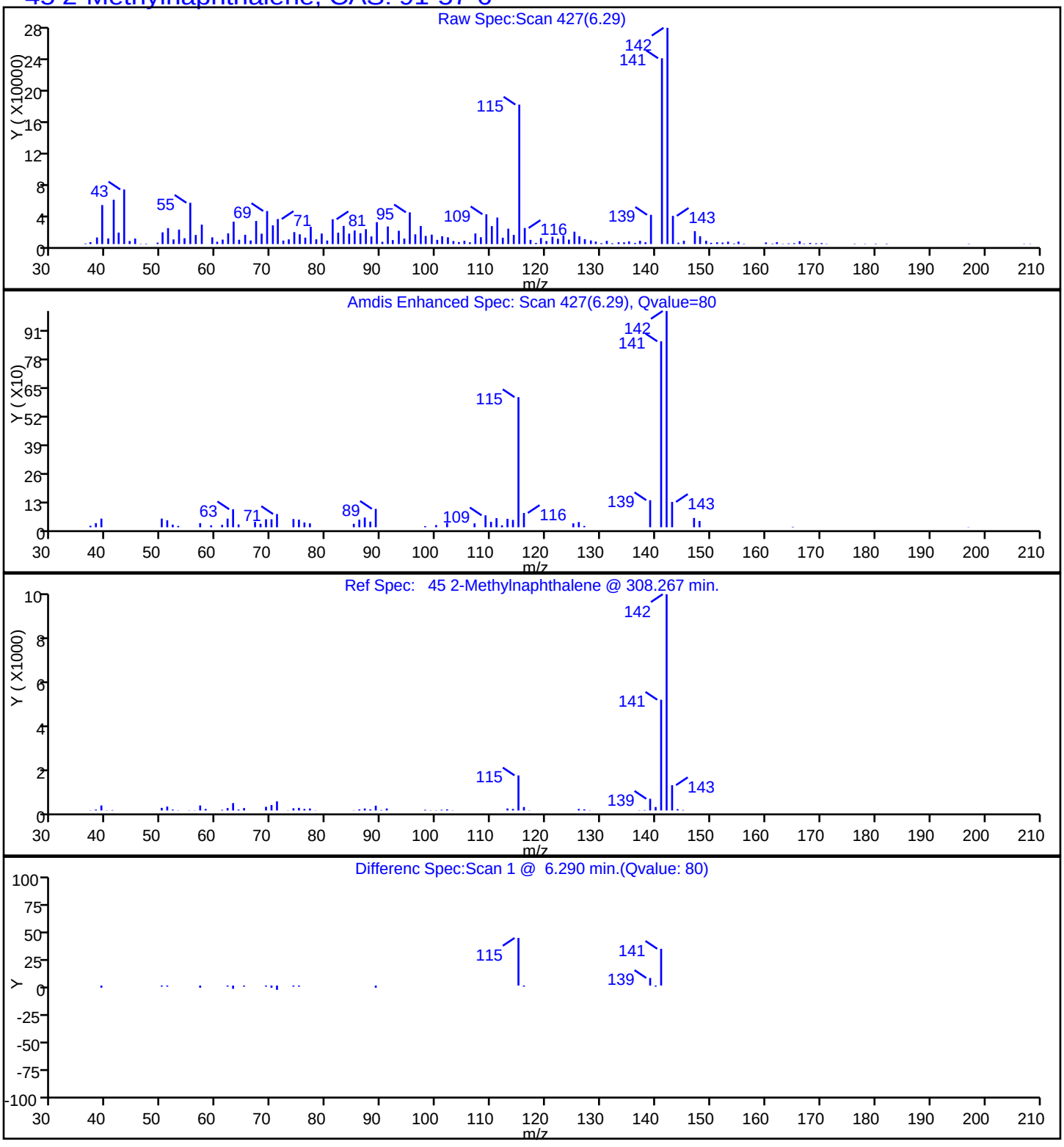
Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D				
Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D
Injection Date: 11-Oct-2016 19:08:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-E-4-A Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 49 Worklist Smp#: 49
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

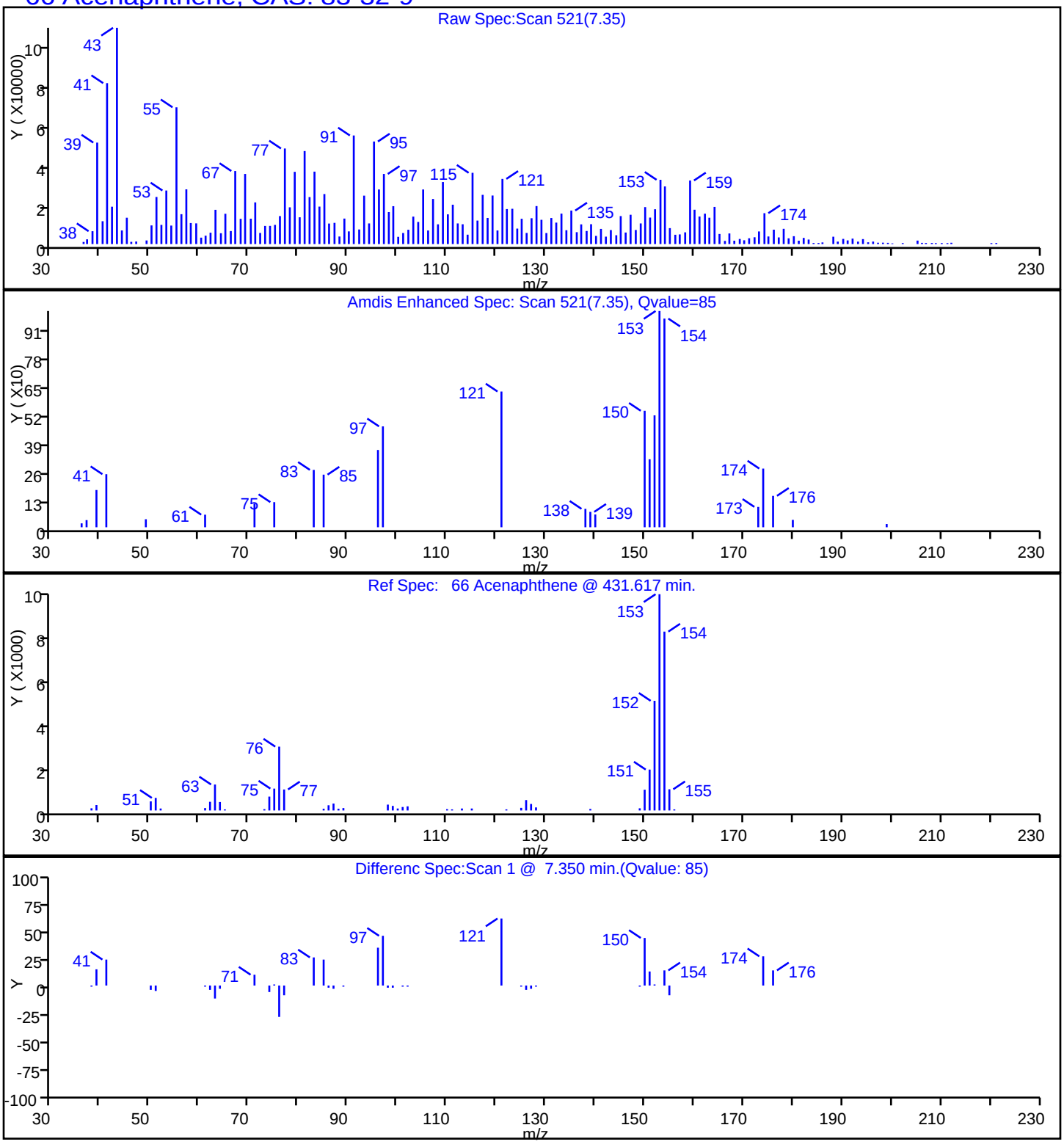
45 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D				
Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

66 Acenaphthene, CAS: 83-32-9



Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date: 11-Oct-2016 19:08:30 Instrument ID: CBNAMS4

Lims ID: 460-121208-E-4-A Lab Sample ID: 460-121208-4

Client ID: MW-22

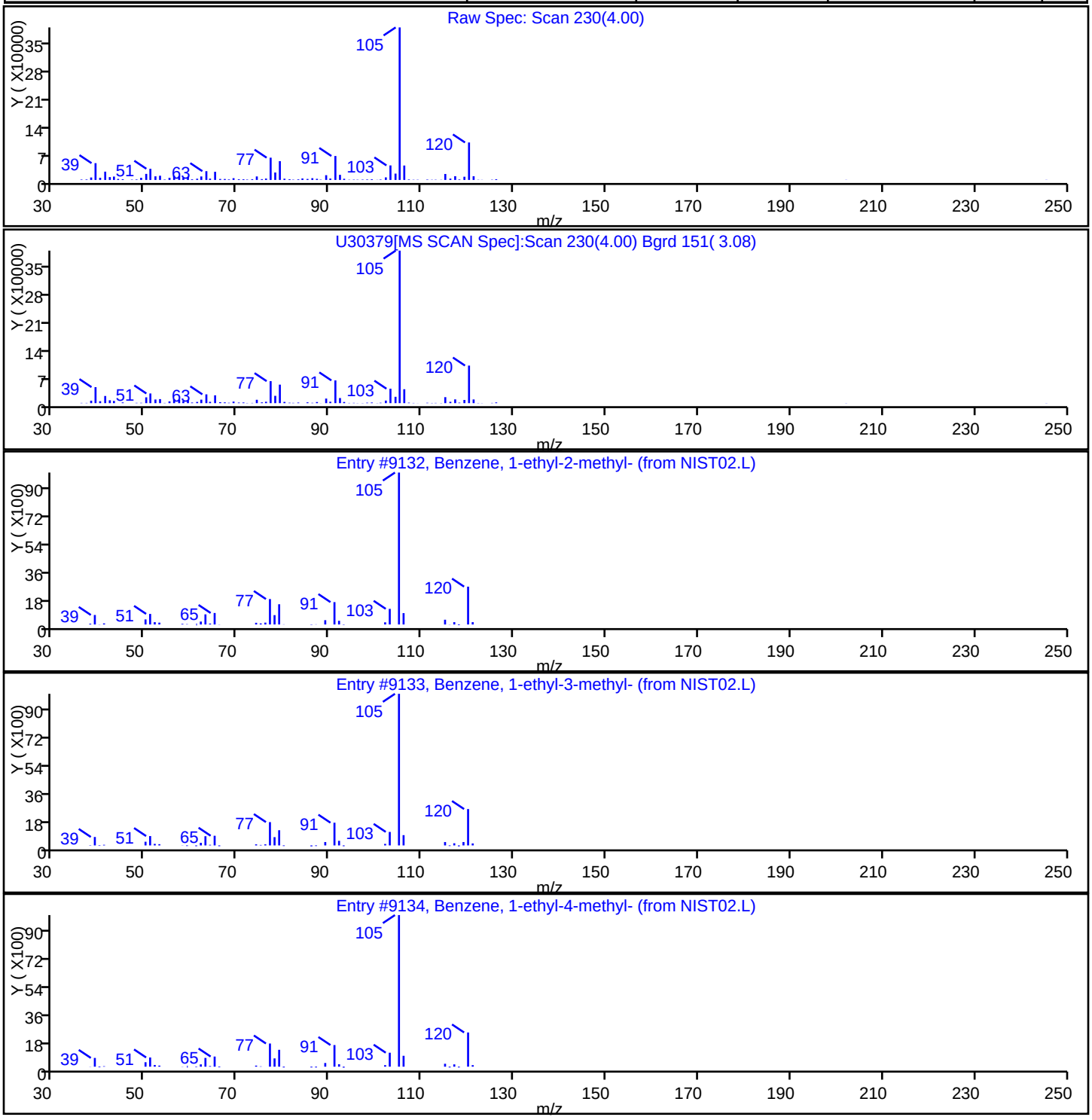
Operator ID: ALS Bottle#: 49 Worklist Smp#: 49

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Detector MS SCAN

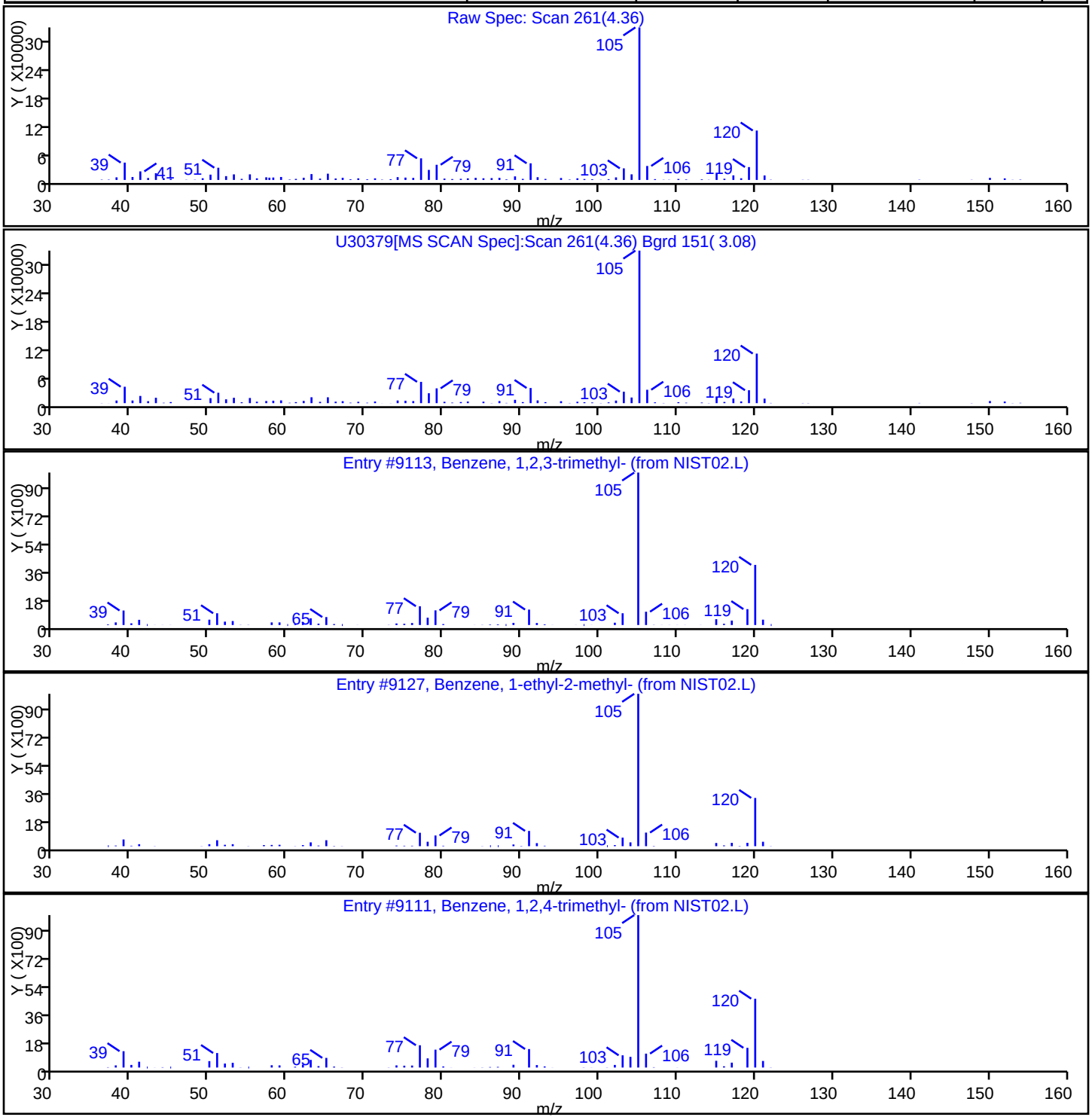
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9132	C9H12	120	93
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9133	C9H12	120	93
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9134	C9H12	120	93



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D
Injection Date: 11-Oct-2016 19:08:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-E-4-A Lab Sample ID: 460-121208-4
Client ID: MW-22
Operator ID: ALS Bottle#: 49 Worklist Smp#: 49
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	95
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	C9H12	120	94
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	93



Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date: 11-Oct-2016 19:08:30 Instrument ID: CBNAMS4

Lims ID: 460-121208-E-4-A Lab Sample ID: 460-121208-4

Client ID: MW-22

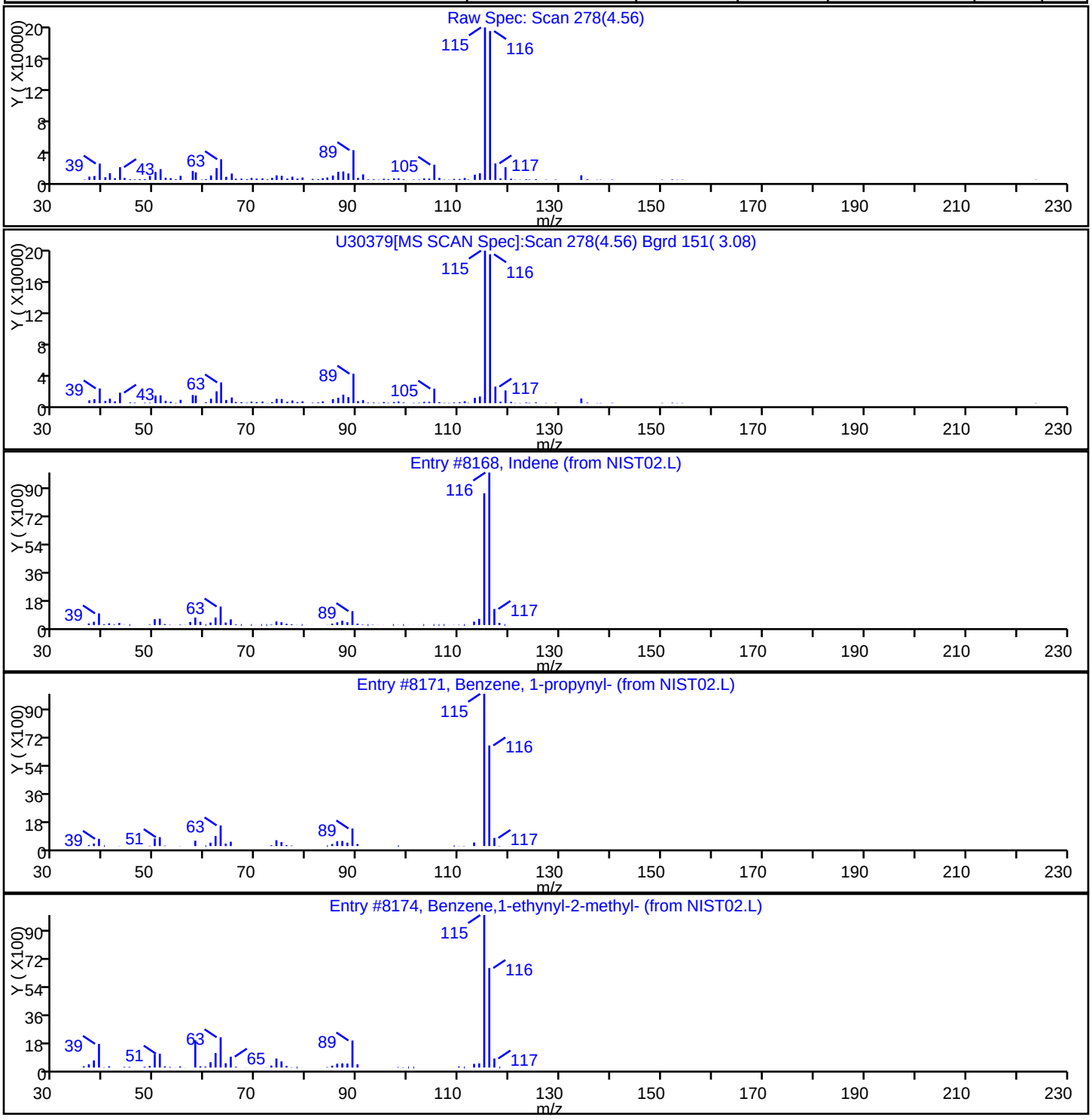
Operator ID: ALS Bottle#: 49 Worklist Smp#: 49

Injection Vol: 5.0 ul Dil. Factor: 1.0000

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8168	C9H8	116	95
Benzene, 1-propynyl-	673-32-5	NIST02.L	8171	C9H8	116	87
Benzene,1-ethynyl-2-methyl-	766-47-2	NIST02.L	8174	C9H8	116	83

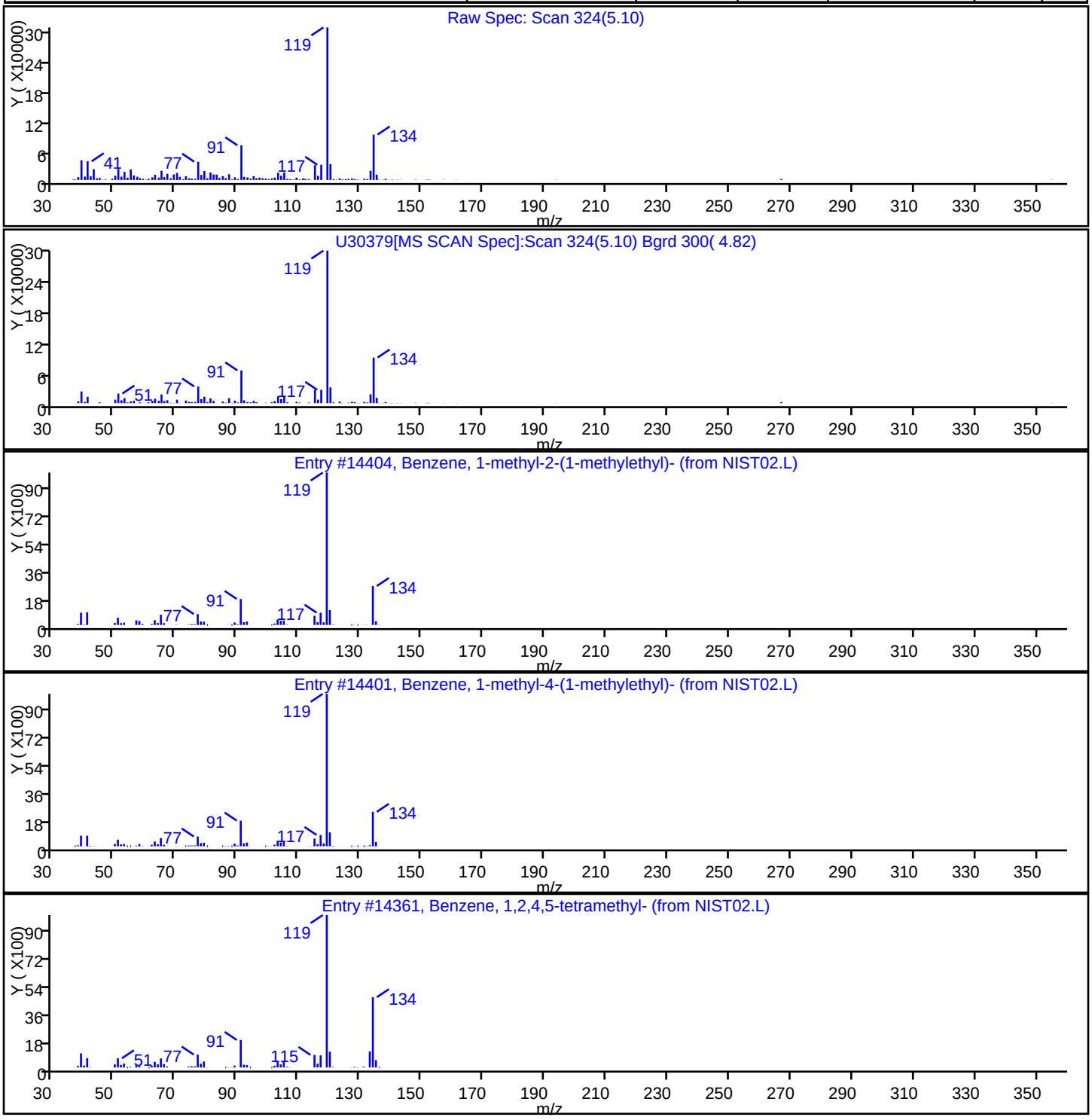


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
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	95
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	95
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	94

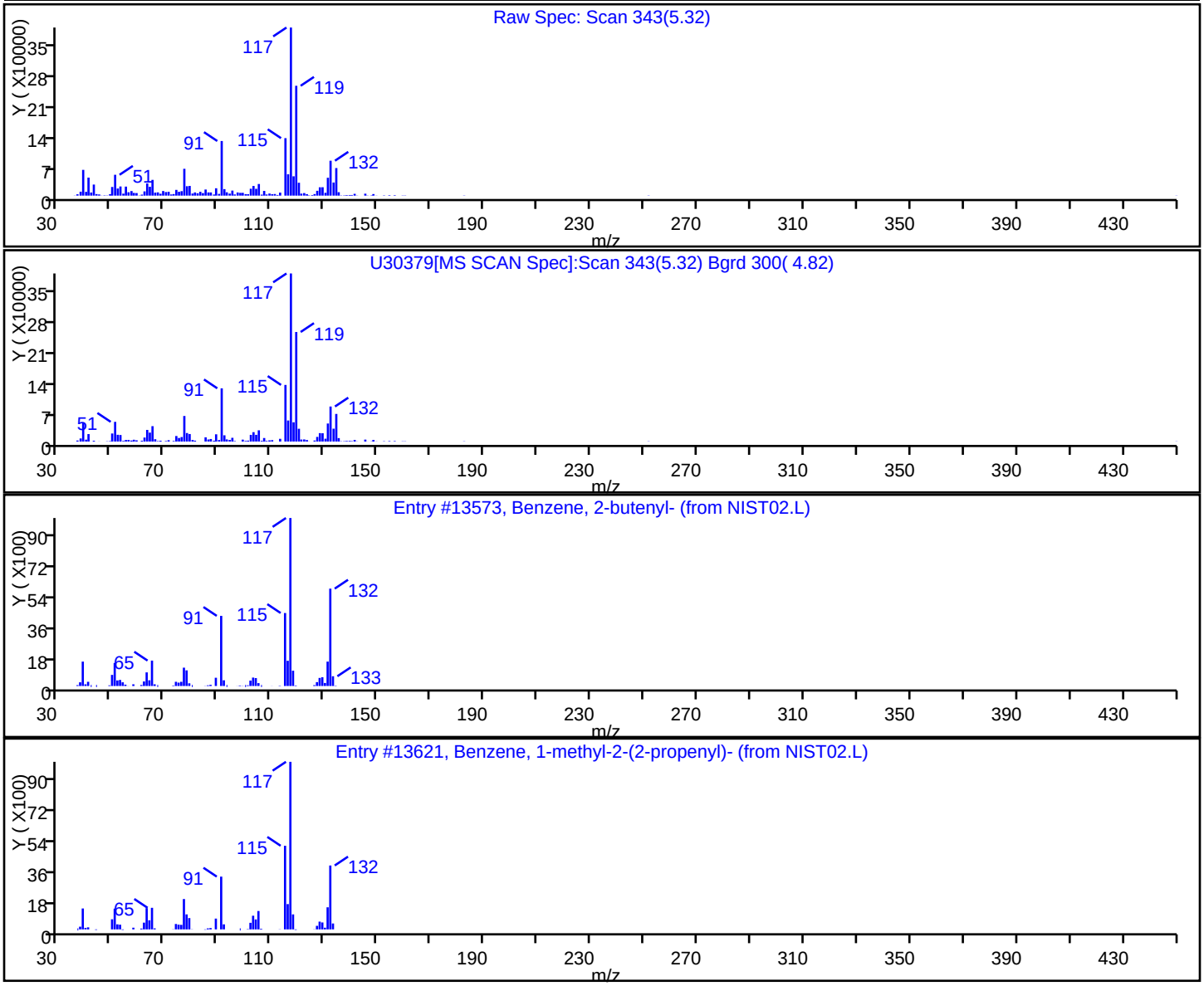


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-butenyl-	1560-06-1	NIST02.L	13573	C10H12	132	95
Benzene, 1-methyl-2-(2-propenyl)-	1587-04-8	NIST02.L	13621	C10H12	132	86



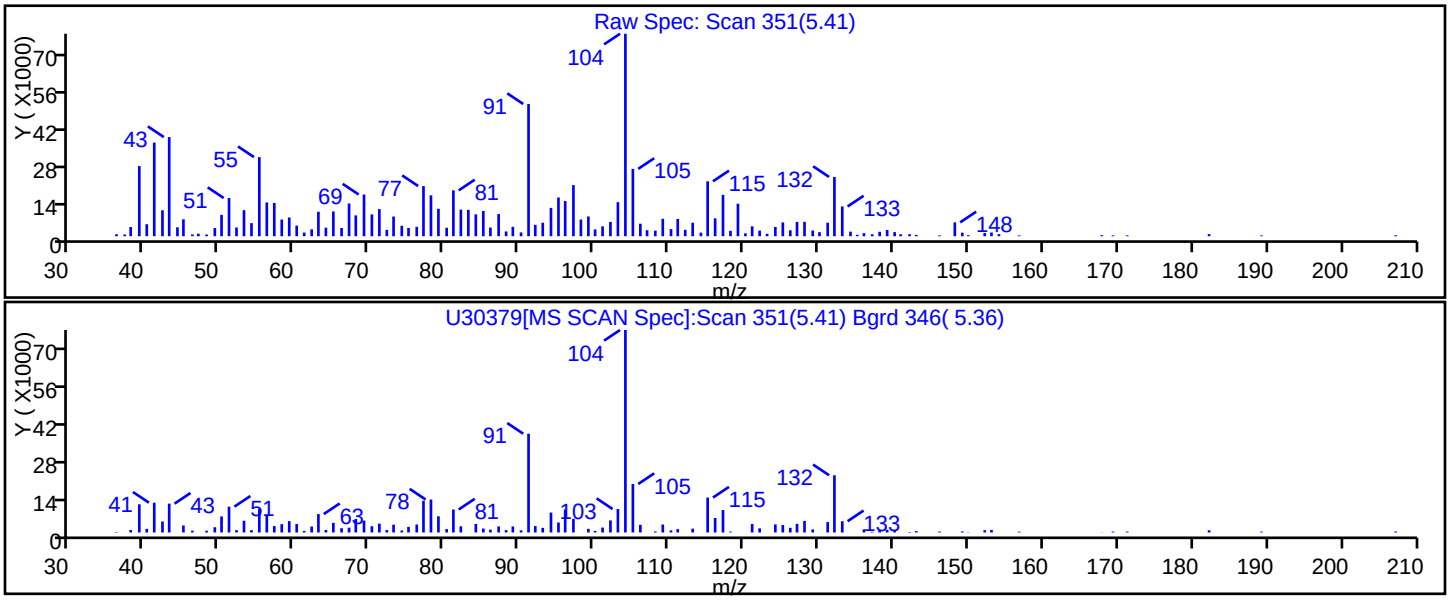
Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



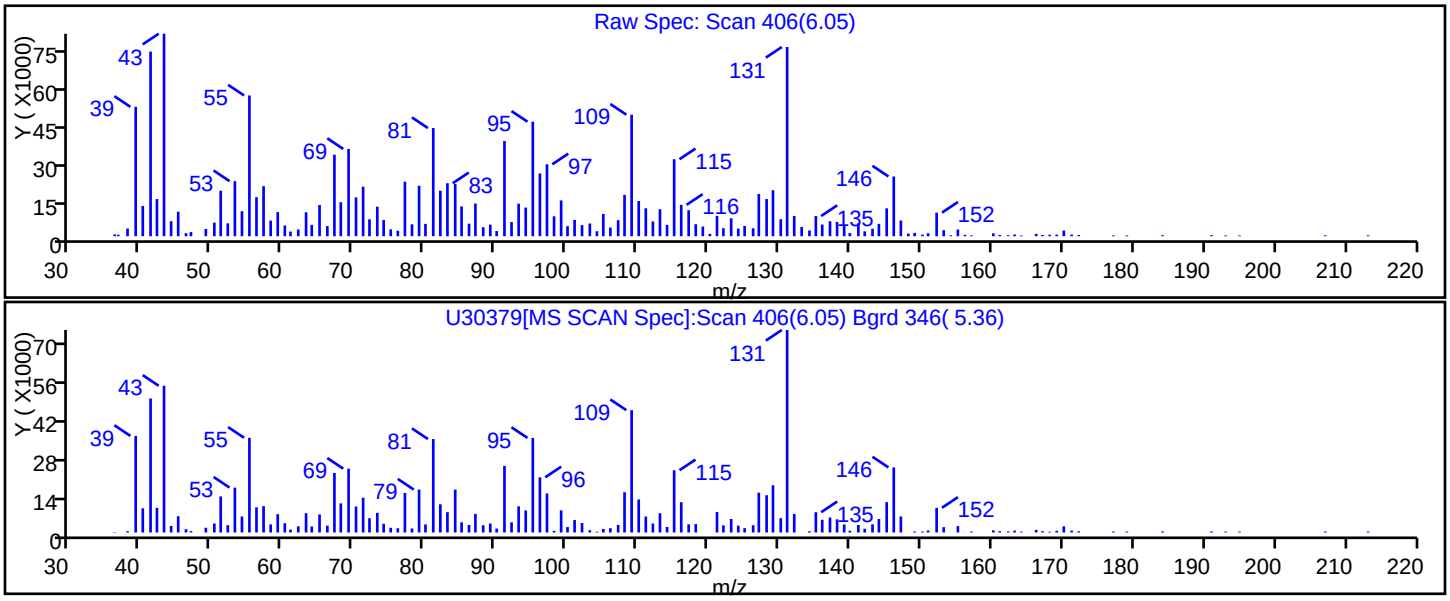
Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



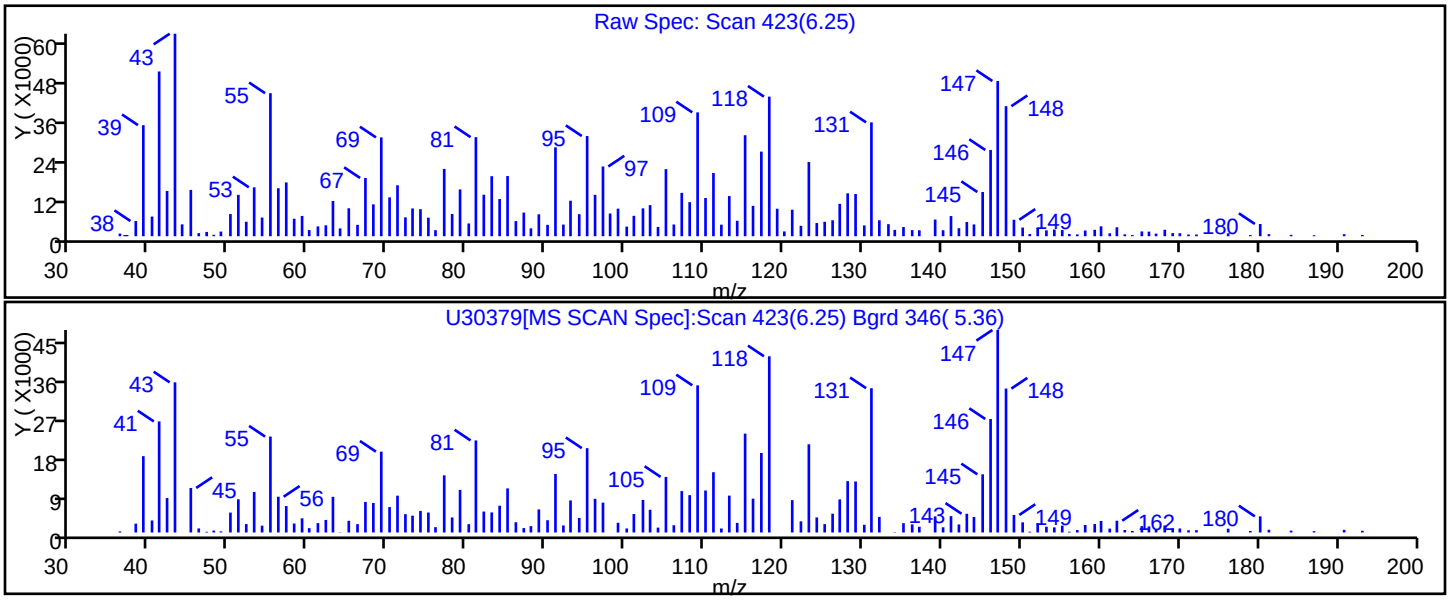
Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

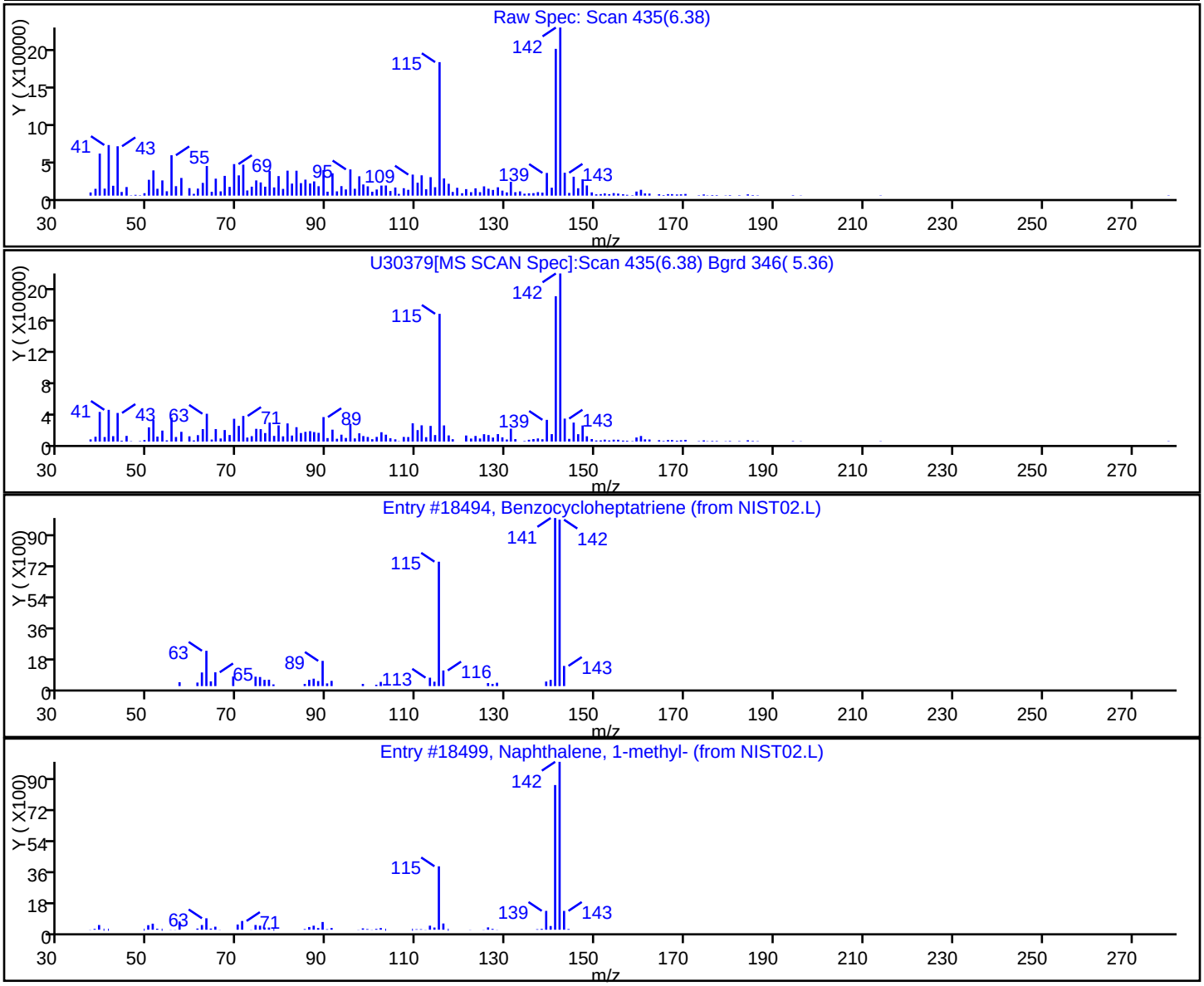


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzocycloheptatriene	264-09-5	NIST02.L	18494	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	94



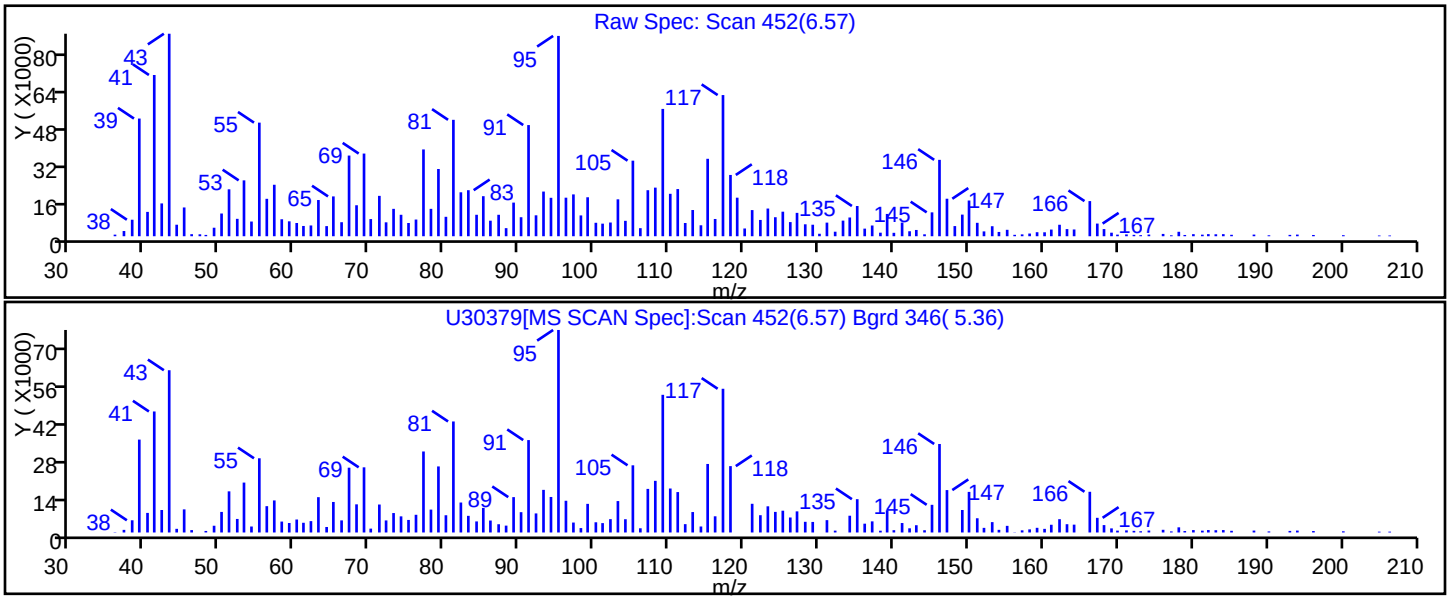
Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



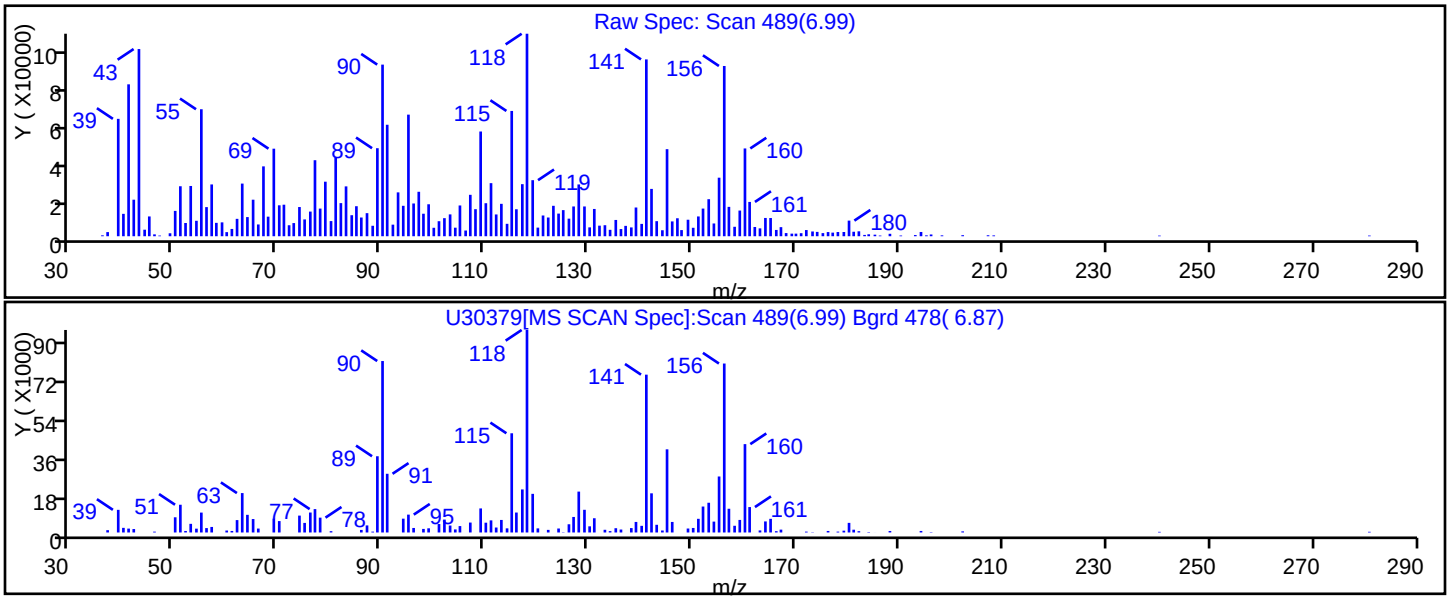
Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



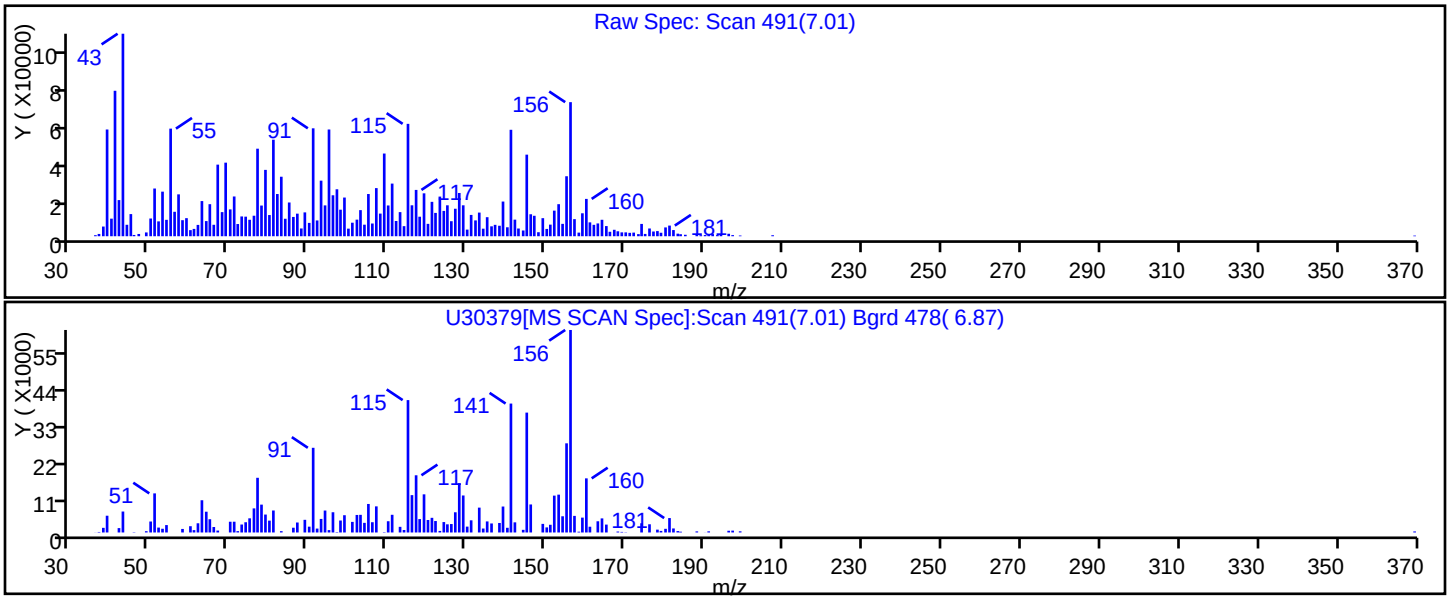
Report Date: 11-Oct-2016 21:43:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



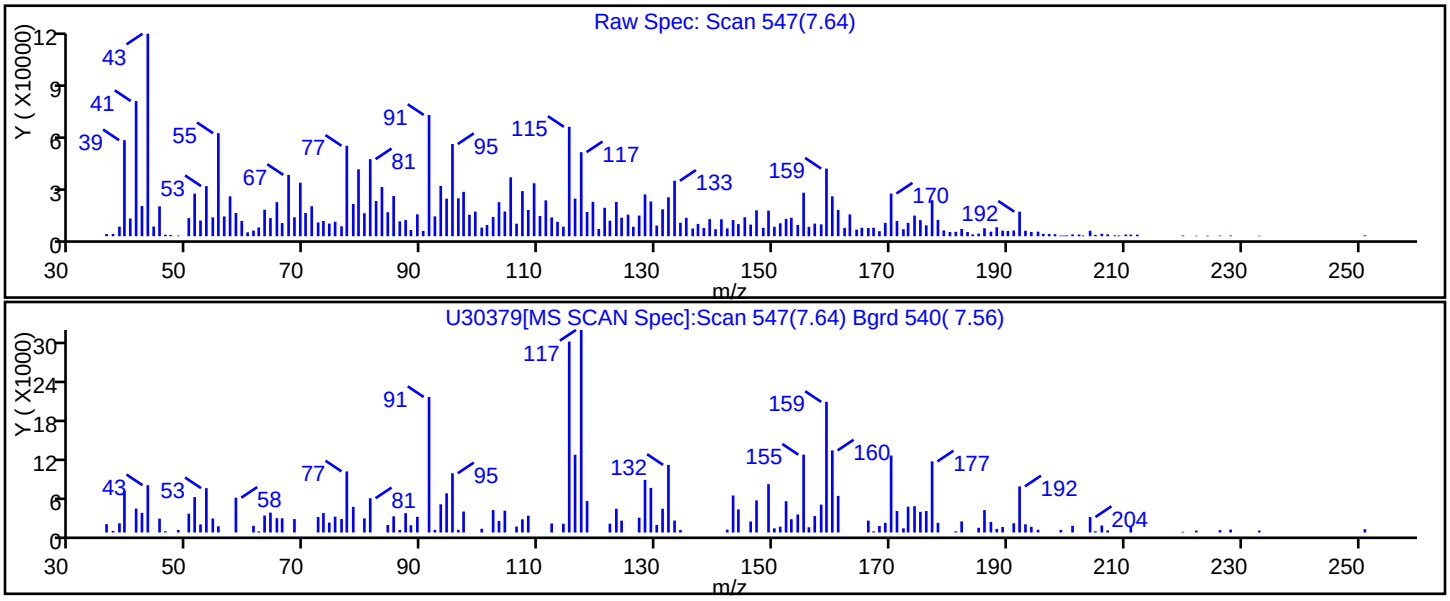
Report Date: 11-Oct-2016 21:43:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

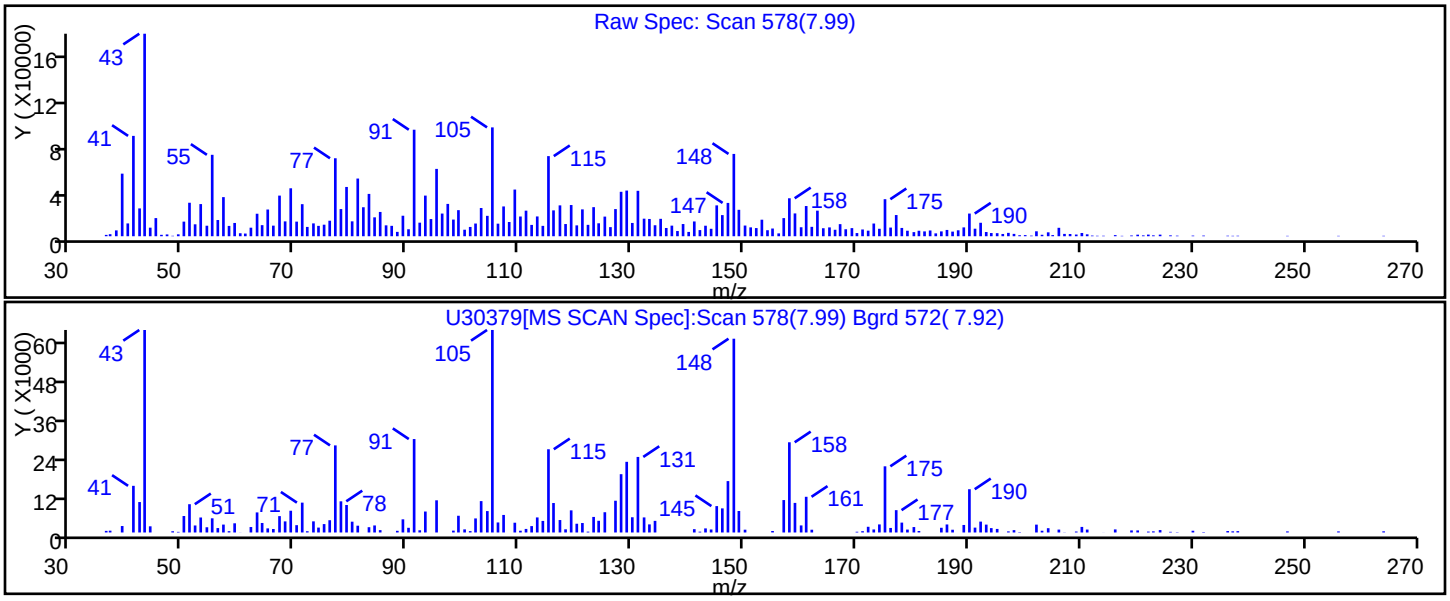


Report Date: 11-Oct-2016 21:43:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D				
Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



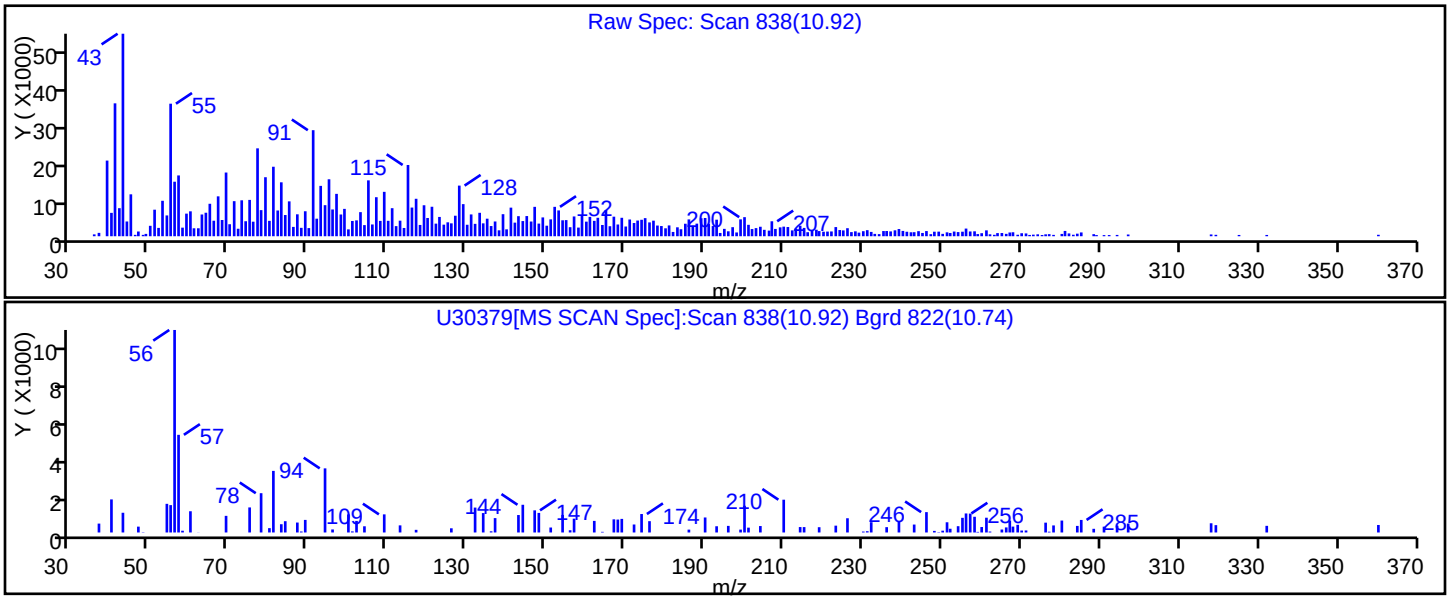
Report Date: 11-Oct-2016 21:43:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30379.D

Injection Date:	11-Oct-2016 19:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-E-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	49	Worklist Smp#:	49
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-121208-5

Matrix: Water | Lab File ID: U30380.D

Analysis Method: 625 | Date Collected: 09/30/2016 10:50

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	1.2	J	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	8.3		1.0	0.61
91-20-3	Naphthalene	1.0	J	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	1.9	J	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-121208-5

Matrix: Water | Lab File ID: U30380.D

Analysis Method: 625 | Date Collected: 09/30/2016 10:50

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		49-125
1718-51-0	Terphenyl-d14	56		28-150
321-60-8	2-Fluorobiphenyl	68		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 | Lab Sample ID: 460-121208-5

Matrix: Water | Lab File ID: U30380.D

Analysis Method: 625 | Date Collected: 09/30/2016 10:50

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 6 | TIC Result Total: 45.2

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	4.81	6.6	J	
87-61-6	Benzene, 1,2,3-trichloro-	5.75	6.8	J N	96%
	Unknown	6.61	6.8	J	
	Unknown	8.65	9.5	J	
38444-85-8	1,1'-Biphenyl, 2,3,4'-Trichloro-	8.87	7.9	J N	90%
38444-90-5	1,1'-Biphenyl, 3,4,4'-Trichloro-	9.12	7.6	J N	95%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D
Lims ID: 460-121208-G-5-A
Client ID: MW-18
Sample Type: Client
Inject. Date: 11-Oct-2016 19:28:30 ALS Bottle#: 50 Worklist Smp#: 50
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-050
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:39:07 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: asfawa Date: 11-Oct-2016 23:27:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.299	4.309	-0.010	90	861923	8.00	
15 1,4-Dichlorobenzene	146	4.322	4.327	-0.005	80	21747	0.1478	
$ 28 Nitrobenzene-d5	82	4.859	4.876	-0.017	91	2071353	7.34	
37 1,2,4-Trichlorobenzene	180	5.525	5.533	-0.008	90	162320	1.04	
* 38 Naphthalene-d8	136	5.584	5.576	0.008	97	2401418	8.00	
39 Naphthalene	128	5.595	5.602	-0.007	96	41750	0.1302	
45 2-Methylnaphthalene	142	6.295	6.295	0.000	81	56975	0.2360	
$ 52 2-Fluorobiphenyl	172	6.652	6.664	-0.012	95	2102685	6.81	
* 64 Acenaphthene-d10	164	7.323	7.322	0.001	92	1500662	8.00	
* 87 Phenanthrene-d10	188	8.772	8.779	-0.007	97	1759858	8.00	
$ 96 Terphenyl-d14	244	10.339	10.340	-0.001	99	1262045	5.64	
* 102 Chrysene-d12	240	11.500	11.507	-0.007	98	1491777	8.00	
* 109 Perylene-d12	264	13.390	13.388	0.002	99	1841642	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D
Lims ID: 460-121208-G-5-A
Client ID: MW-18
Sample Type: Client
Inject. Date: 11-Oct-2016 19:28:30 ALS Bottle#: 50 Worklist Smp#: 50
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-050
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:39:07 Calib Date: 06-Oct-2016 16:13:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: asfawa Date: 11-Oct-2016 23:27:58

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
4.812	678787	0.8268	14					
87-61-6		Benzene, 1,2,3-trichloro-						
5.747	700583	0.8534	14	96	42934	C6H3Cl3	180	
		Unknown						
6.606	749809	0.8543	64					
		Unknown						
8.648	812117	1.19	87					
38444-85-8		1,1'-Biphenyl, 2,3,4'-Trichloro-						
8.874	673393	0.9862	87	90	91787	C12H7Cl3	256	
38444-90-5		1,1'-Biphenyl, 3,4,4'-Trichloro-						
9.121	651186	0.9537	87	95	91794	C12H7Cl3	256	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.299	6567513	8.00
* 64 Acenaphthene-d10	7.323	7021657	8.00
* 87 Phenanthrene-d10	8.772	5462413	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

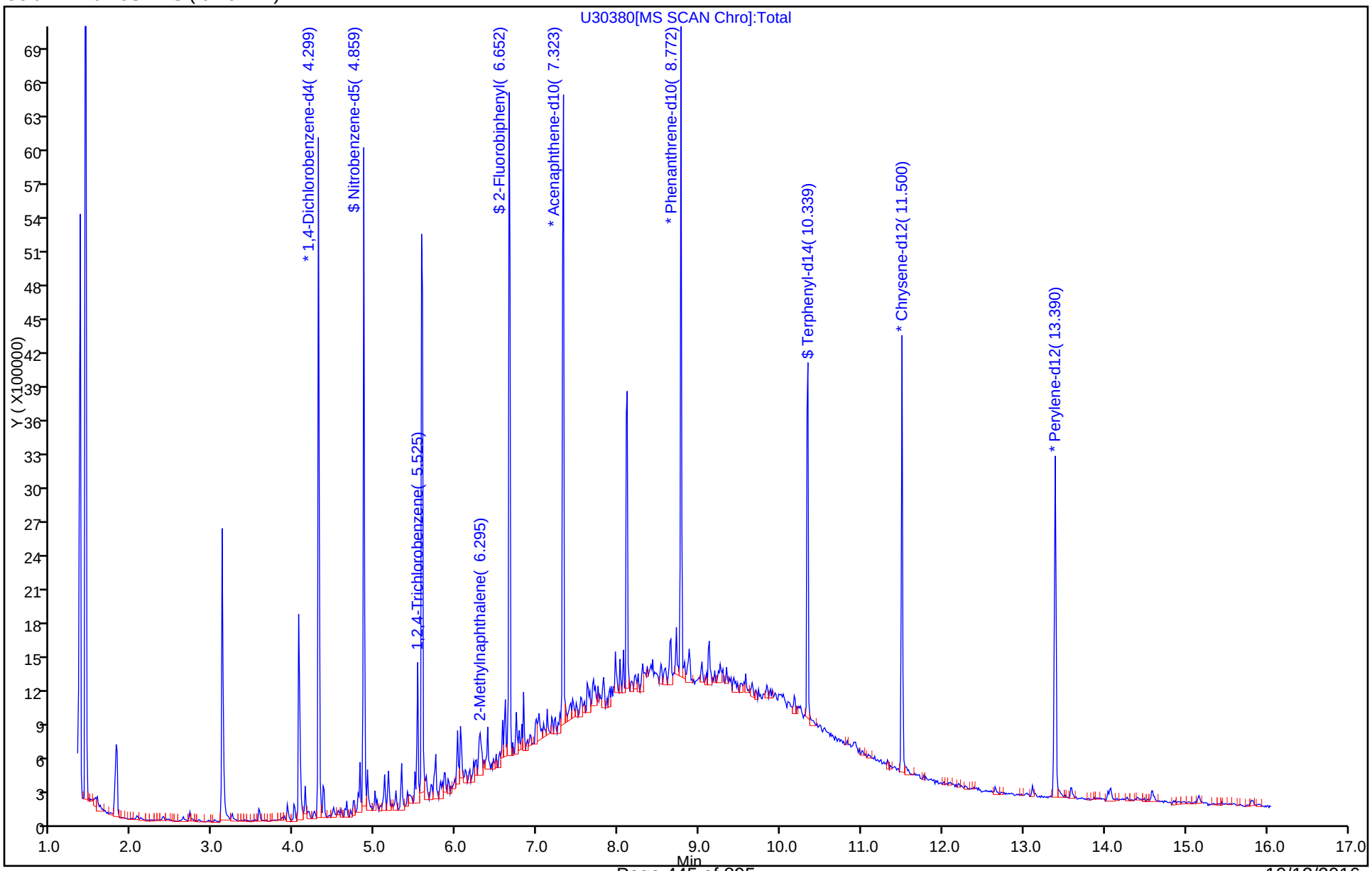
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5	Worklist Smp#:	50
Client ID:	MW-18				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	50
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



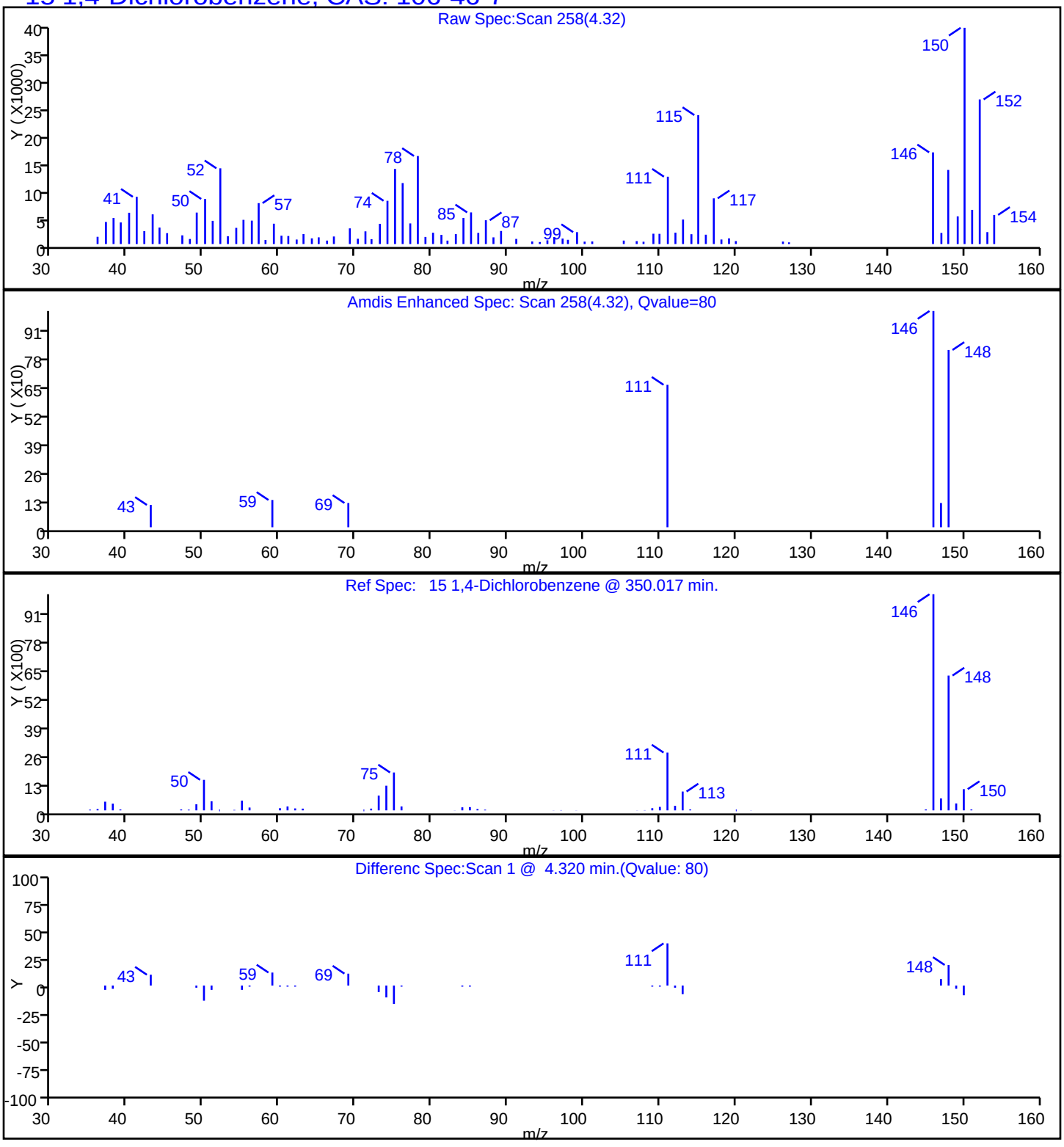
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

15 1,4-Dichlorobenzene, CAS: 106-46-7

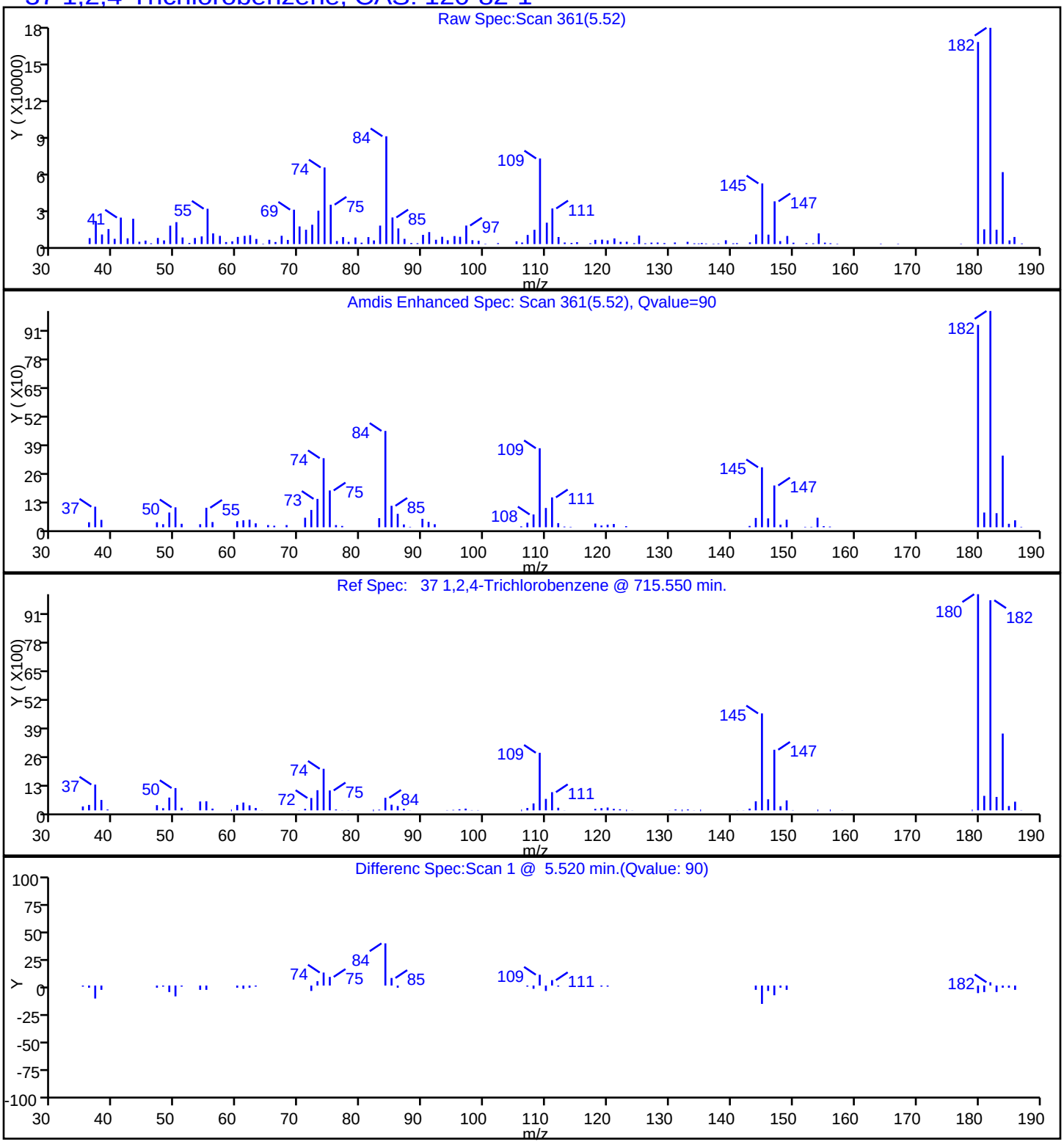


Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D				
Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 1,2,4-Trichlorobenzene, CAS: 120-82-1



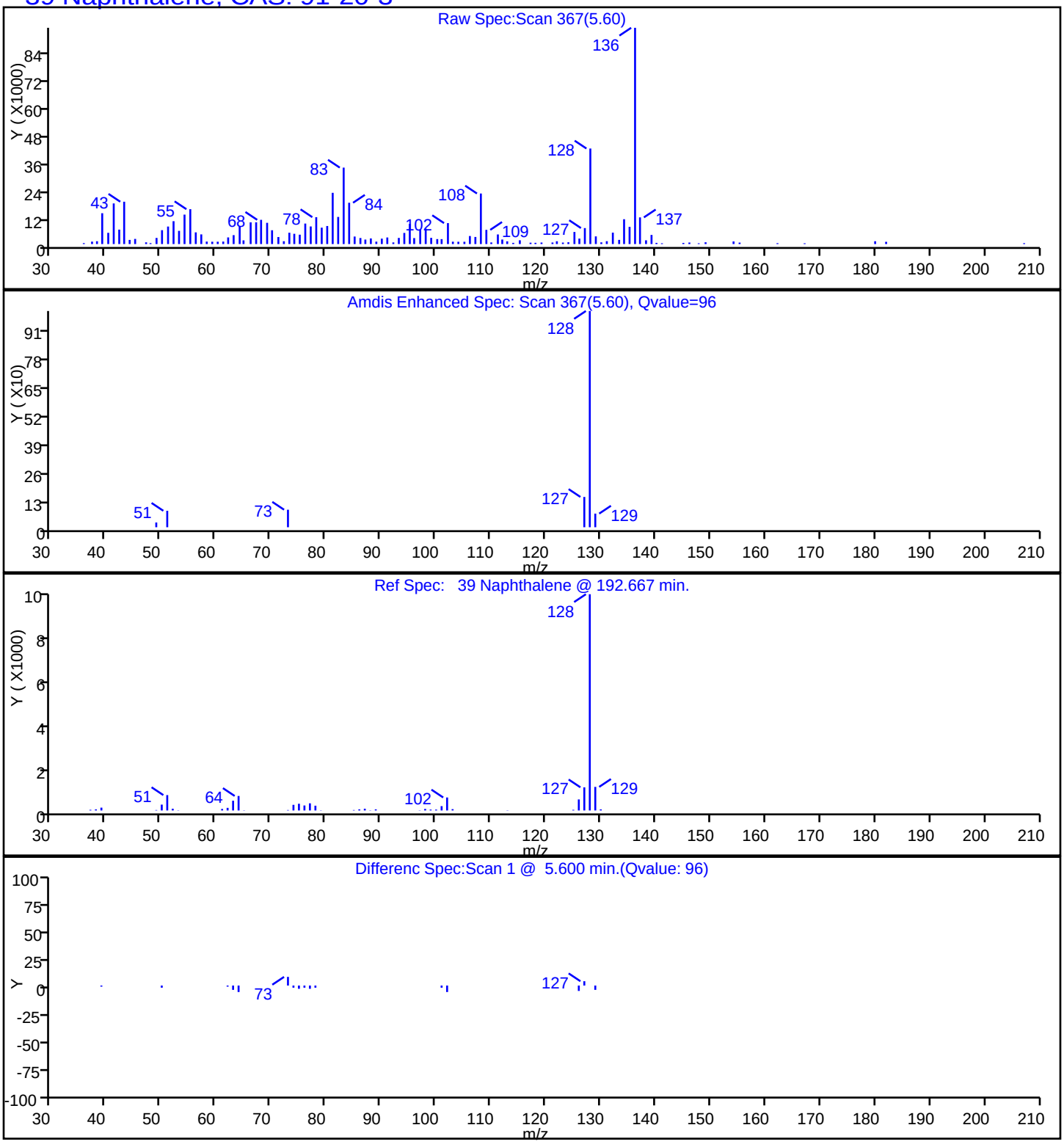
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

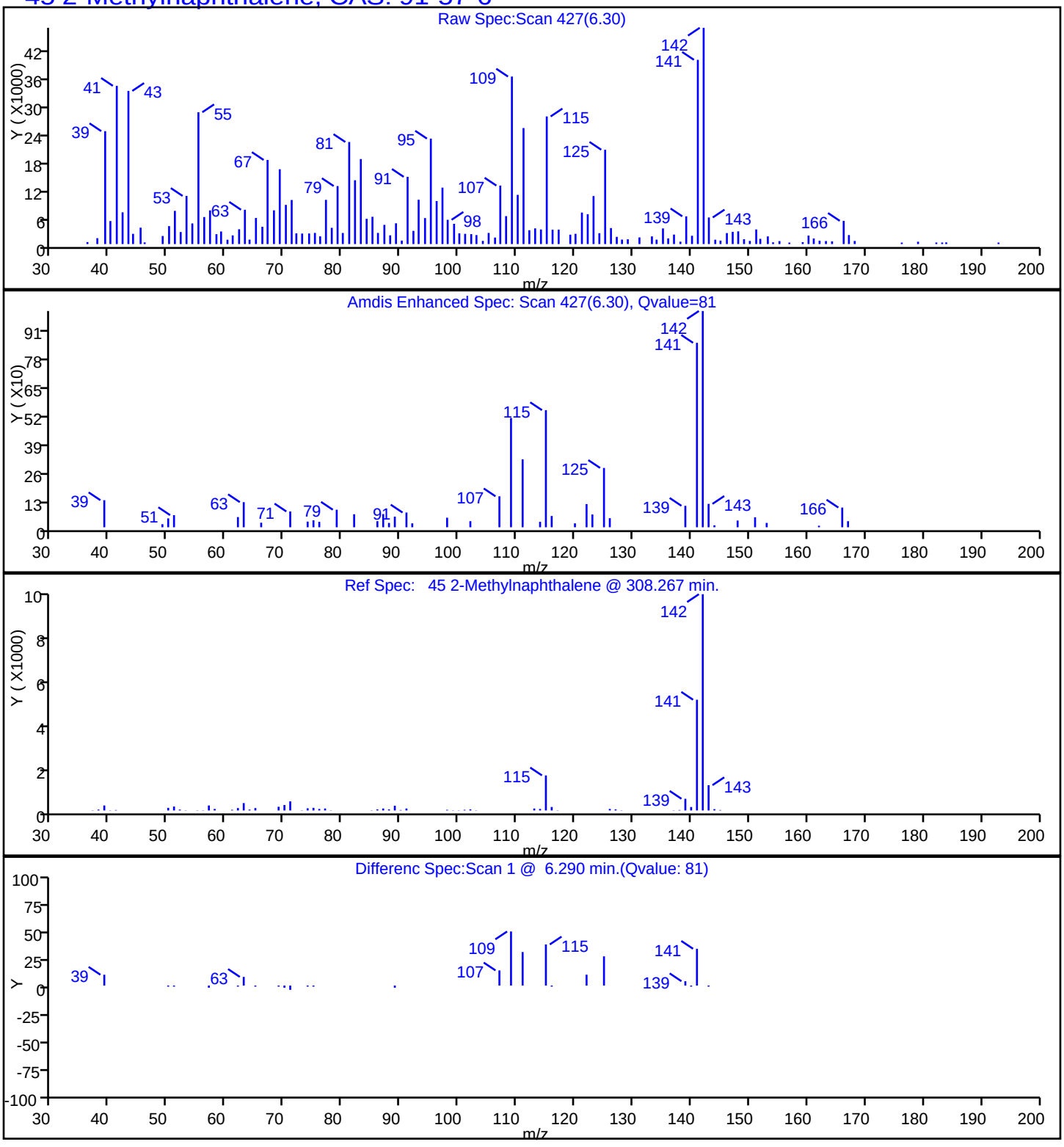
39 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D				
Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

45 2-Methylnaphthalene, CAS: 91-57-6



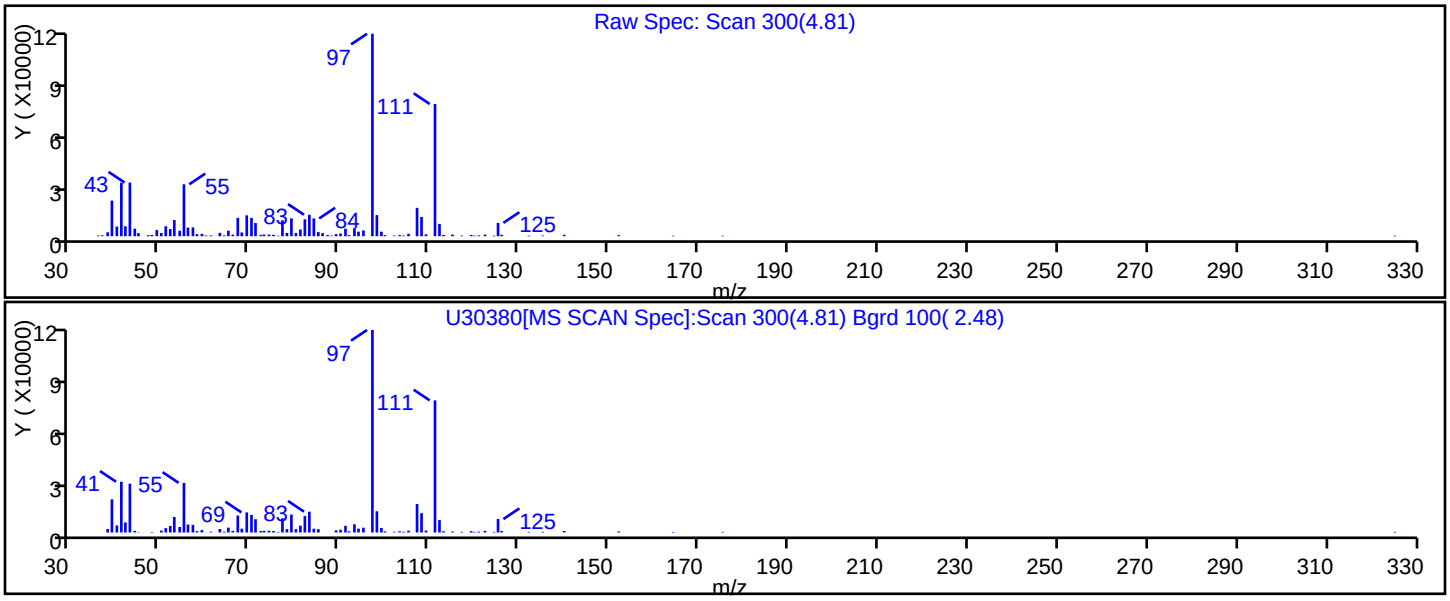
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



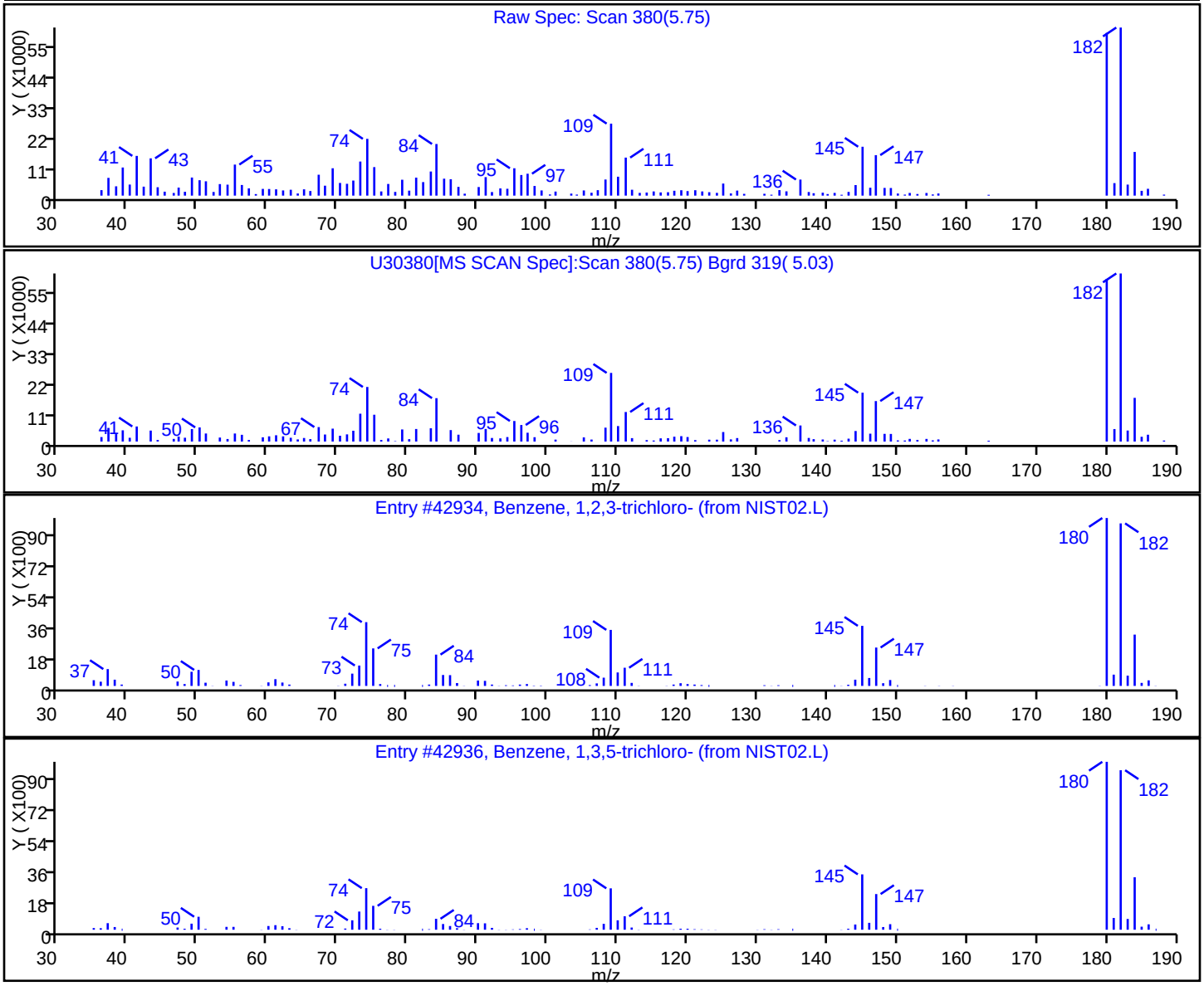
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trichloro-	87-61-6	NIST02.L	42934	C6H3Cl3	180	96
Benzene, 1,3,5-trichloro-	108-70-3	NIST02.L	42936	C6H3Cl3	180	95



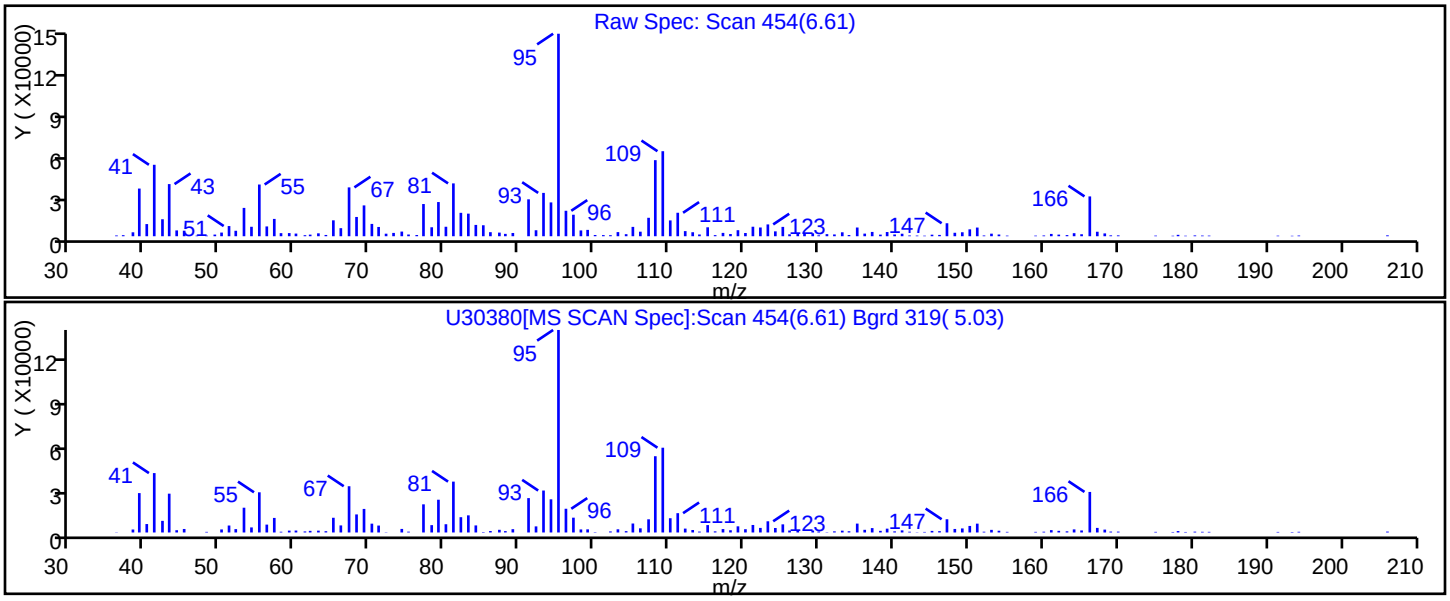
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



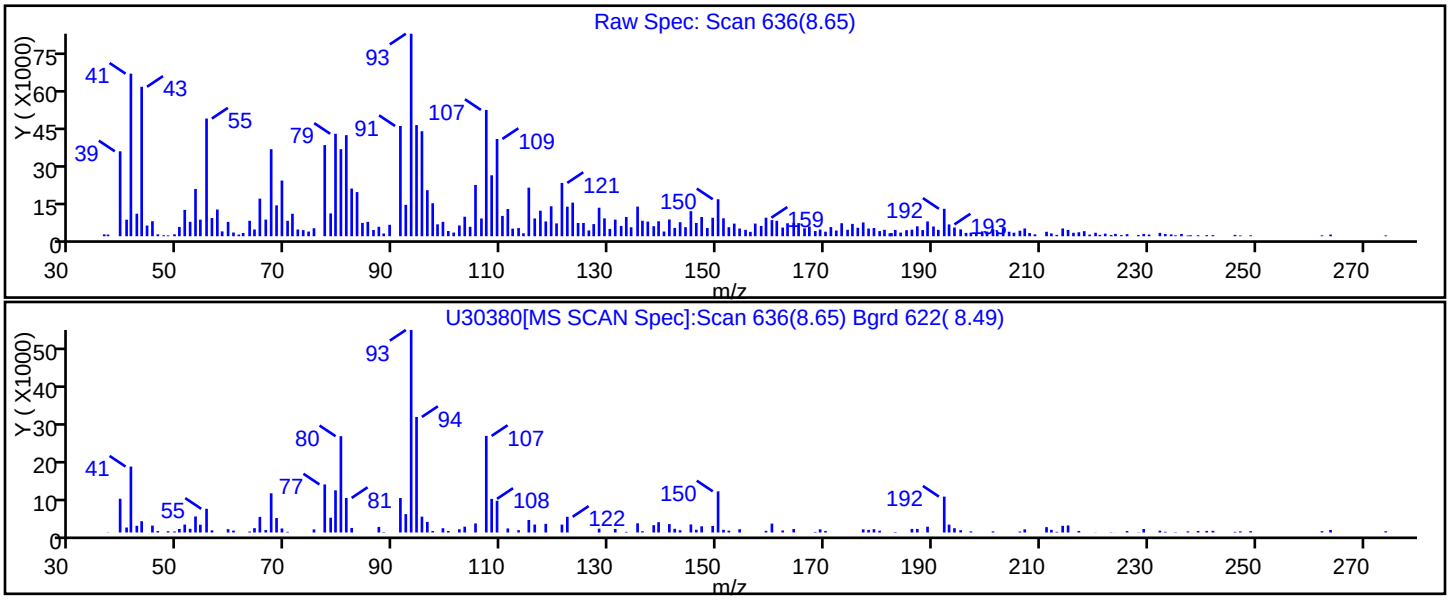
Report Date: 12-Oct-2016 01:39:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D

Injection Date:	11-Oct-2016 19:28:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	50	Worklist Smp#:	50
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

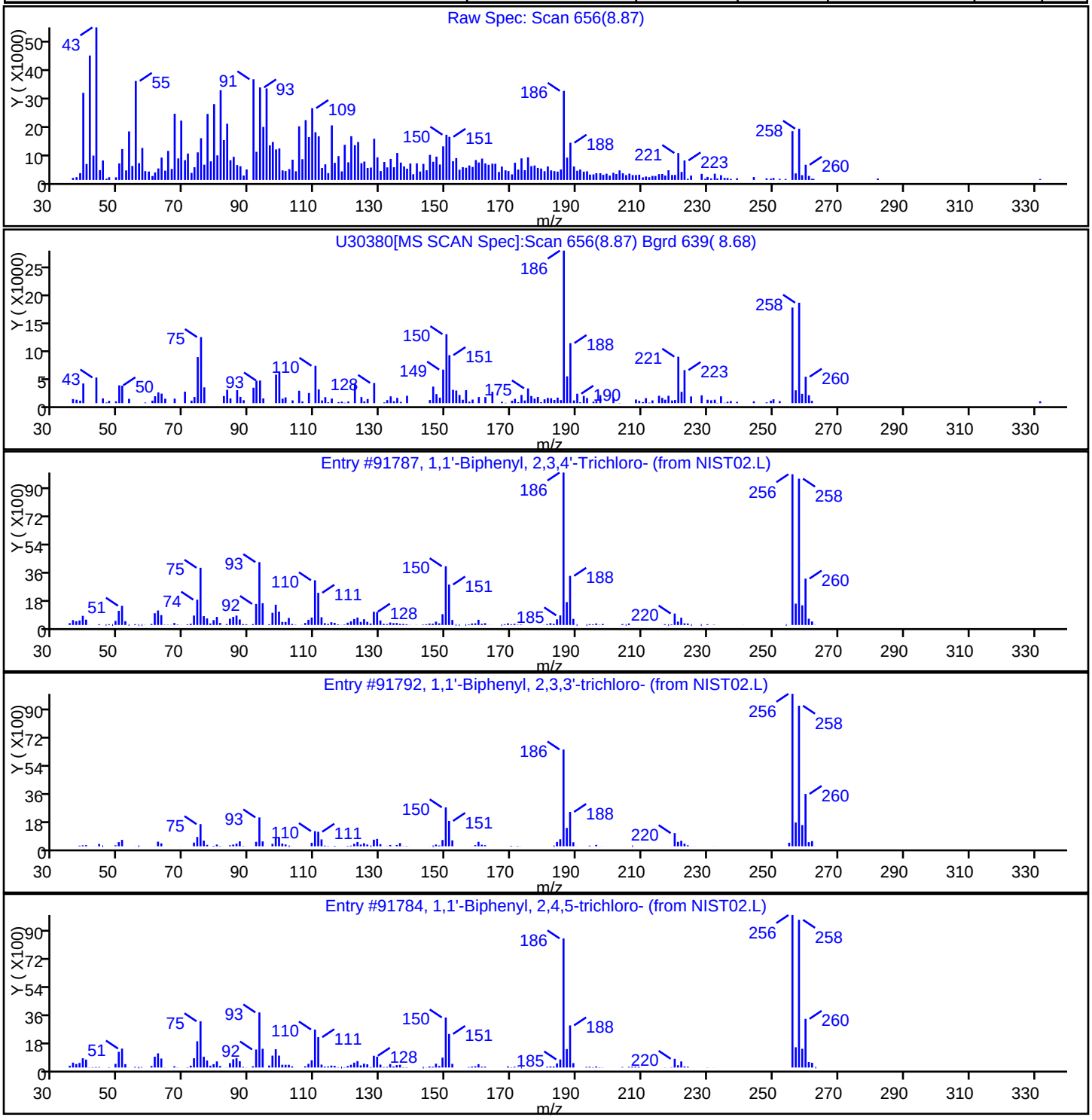
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D
Injection Date: 11-Oct-2016 19:28:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-G-5-A Lab Sample ID: 460-121208-5
Client ID: MW-18
Operator ID: ALS Bottle#: 50 Worklist Smp#: 50
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

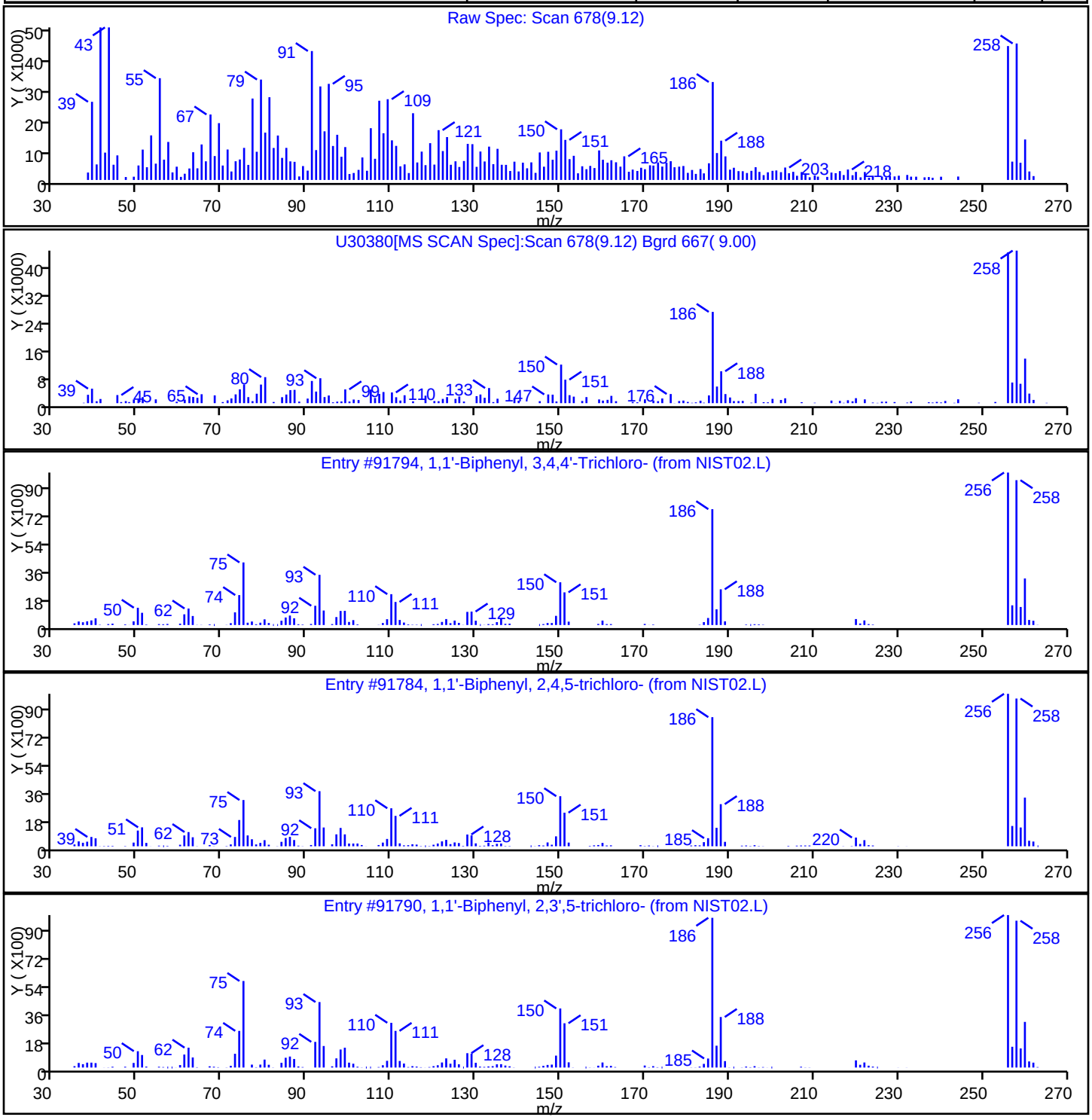
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	C12H7Cl3	256	90
1,1'-Biphenyl, 2,3,3'-trichloro-	38444-84-7	NIST02.L	91792	C12H7Cl3	256	90
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30380.D
Injection Date: 11-Oct-2016 19:28:30 Instrument ID: CBNAMS4
Lims ID: 460-121208-G-5-A Lab Sample ID: 460-121208-5
Client ID: MW-18
Operator ID: ALS Bottle#: 50 Worklist Smp#: 50
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	95
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	94
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	C12H7Cl3	256	94



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: U30381.D

Analysis Method: 625 | Date Collected: 09/30/2016 11:00

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: U30381.D

Analysis Method: 625 | Date Collected: 09/30/2016 11:00

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		49-125
1718-51-0	Terphenyl-d14	55		28-150
321-60-8	2-Fluorobiphenyl	62		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: U30381.D

Analysis Method: 625 | Date Collected: 09/30/2016 11:00

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 19:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 6 | TIC Result Total: 65.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	5.52	7.3	J	
	Unknown	6.02	8.2	J	
	Unknown	6.05	6.8	J	
	Unknown	6.31	7.4	J	
	Unknown	8.65	8.7	J	
82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	9.17	27	J N	96%

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D
Lims ID: 460-121208-D-6-A
Client ID: MW-18 Filtered
Sample Type: Client
Inject. Date: 11-Oct-2016 19:48:30 ALS Bottle#: 51 Worklist Smp#: 51
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-051
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:39:07 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: asfawa Date: 11-Oct-2016 23:30:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.301	4.309	-0.008	90	854209	8.00	
$ 28 Nitrobenzene-d5	82	4.861	4.876	-0.015	91	2031181	7.43	
* 38 Naphthalene-d8	136	5.574	5.576	-0.002	94	2327530	8.00	
$ 52 2-Fluorobiphenyl	172	6.657	6.664	-0.007	93	1930952	6.24	
* 64 Acenaphthene-d10	164	7.321	7.322	-0.001	93	1503010	8.00	
* 87 Phenanthrene-d10	188	8.768	8.779	-0.011	98	1943236	8.00	
$ 96 Terphenyl-d14	244	10.334	10.340	-0.006	99	1262964	5.46	
* 102 Chrysene-d12	240	11.495	11.507	-0.012	99	1542344	8.00	
* 109 Perylene-d12	264	13.395	13.388	0.007	98	1844967	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D
Lims ID: 460-121208-D-6-A
Client ID: MW-18 Filtered
Sample Type: Client
Inject. Date: 11-Oct-2016 19:48:30 ALS Bottle#: 51 Worklist Smp#: 51
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-051
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:39:07 Calib Date: 06-Oct-2016 16:13:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: asfawa Date: 11-Oct-2016 23:30:17

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
5.515	778204	0.9137	38					
	Unknown							
6.016	872335	1.02	38					
	Unknown							
6.051	724073	0.8502	38					
	Unknown							
6.307	789776	0.9273	38					
	Unknown							
8.645	791467	1.09	87					
	82304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,						
9.173	2449783	3.38	87	96	104143	C17H24O3	276	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 38 Naphthalene-d8	5.574	6813300	8.00
* 87 Phenanthrene-d10	8.768	5801685	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

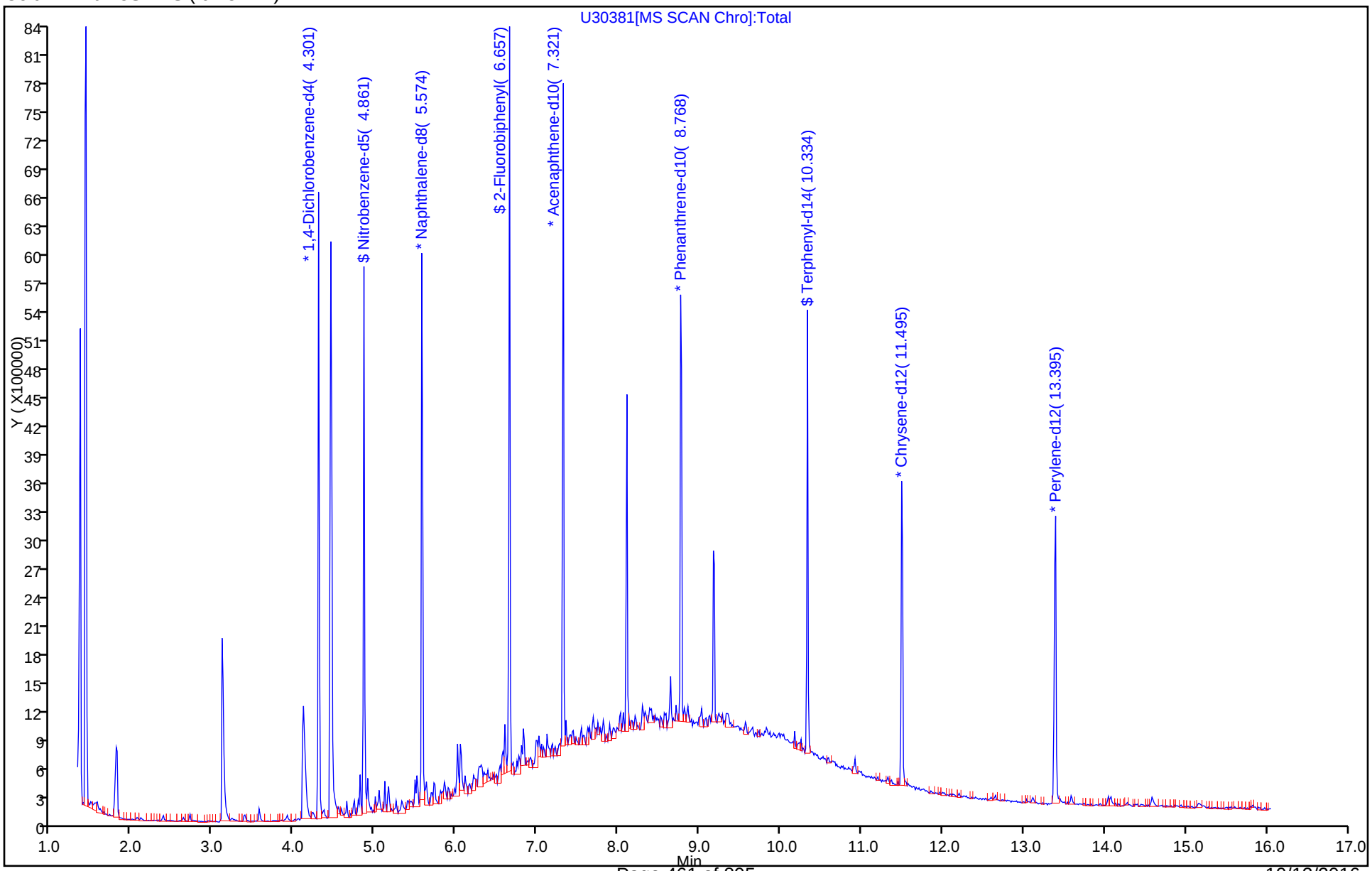
Report Date: 12-Oct-2016 01:39:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D

Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6	Worklist Smp#:	51
Client ID:	MW-18 Filtered				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	51
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



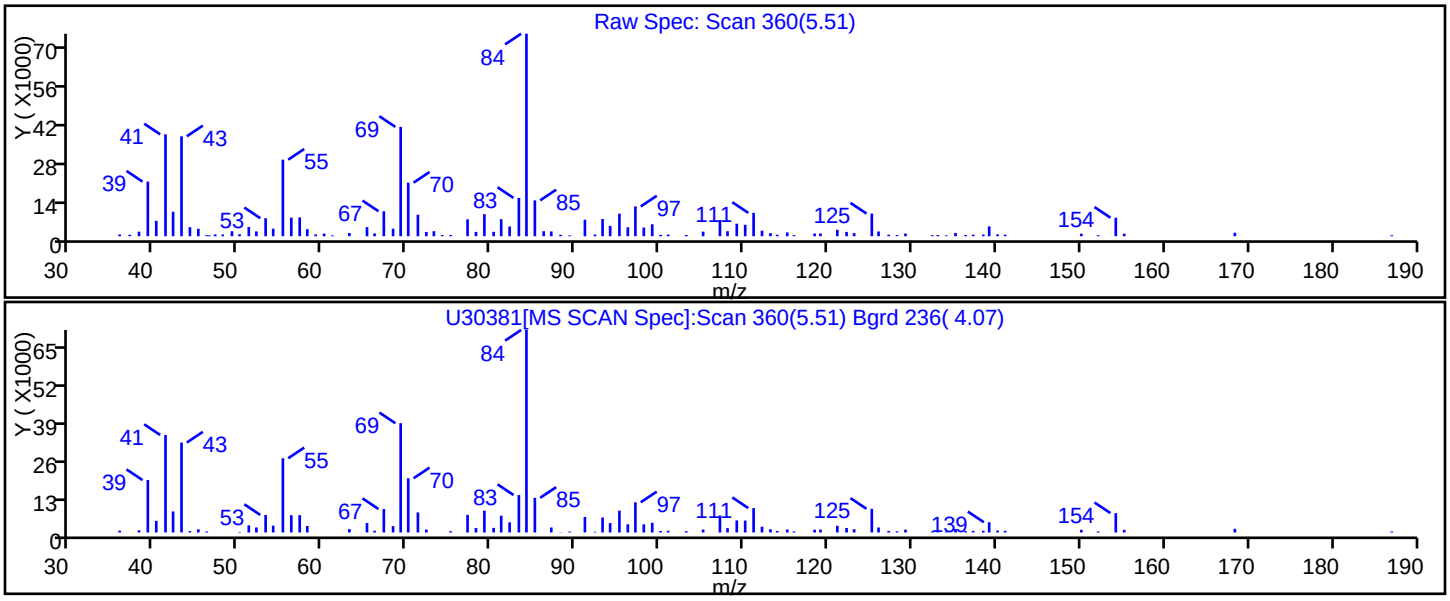
Report Date: 12-Oct-2016 01:39:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D

Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	51
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



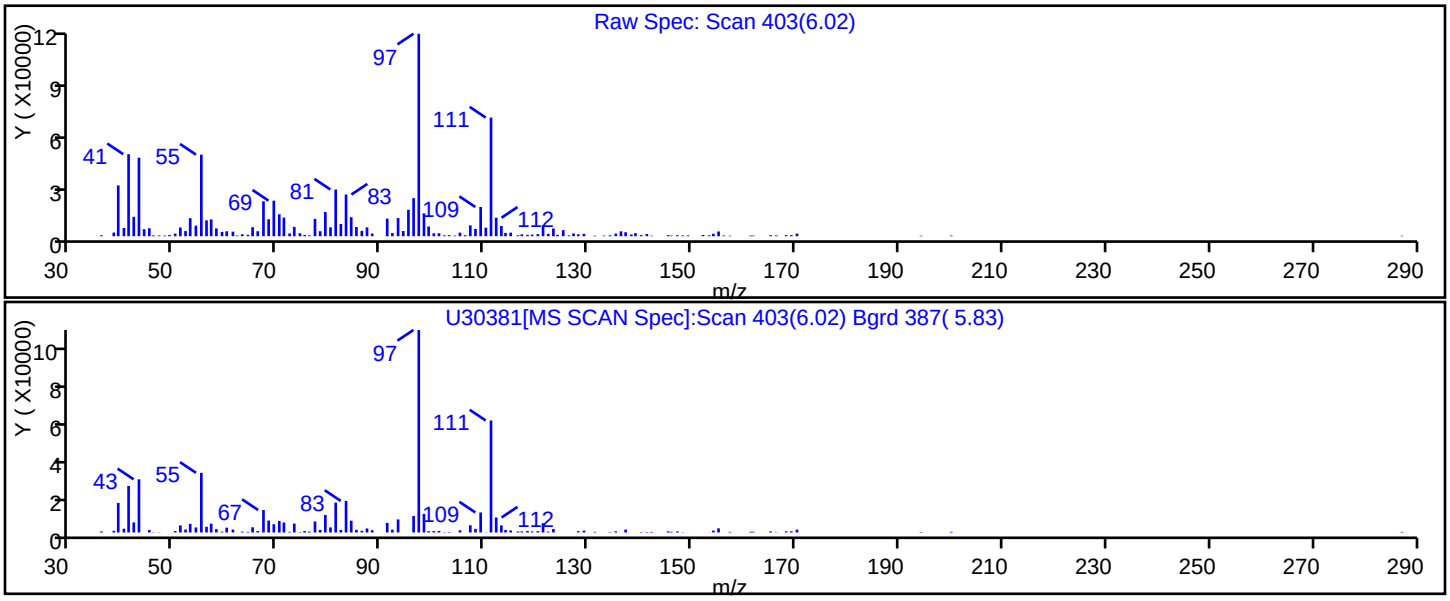
Report Date: 12-Oct-2016 01:39:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D

Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	51
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



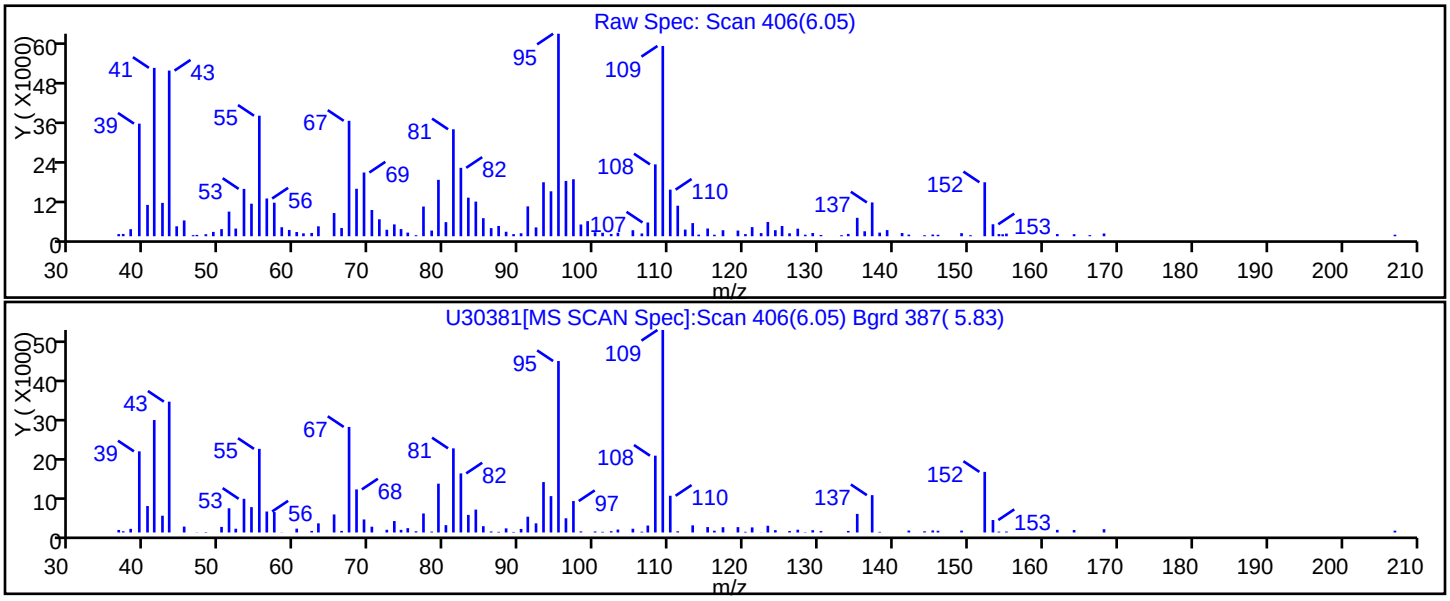
Report Date: 12-Oct-2016 01:39:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D

Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	51
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



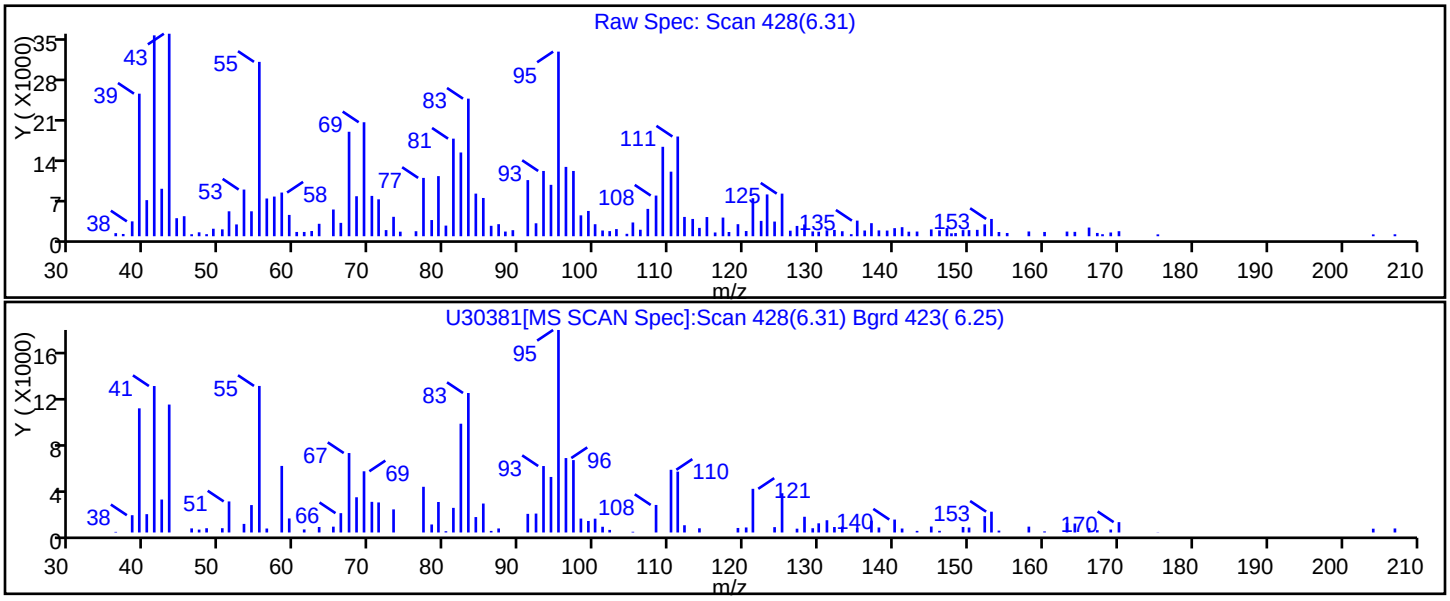
Report Date: 12-Oct-2016 01:39:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D

Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	51
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

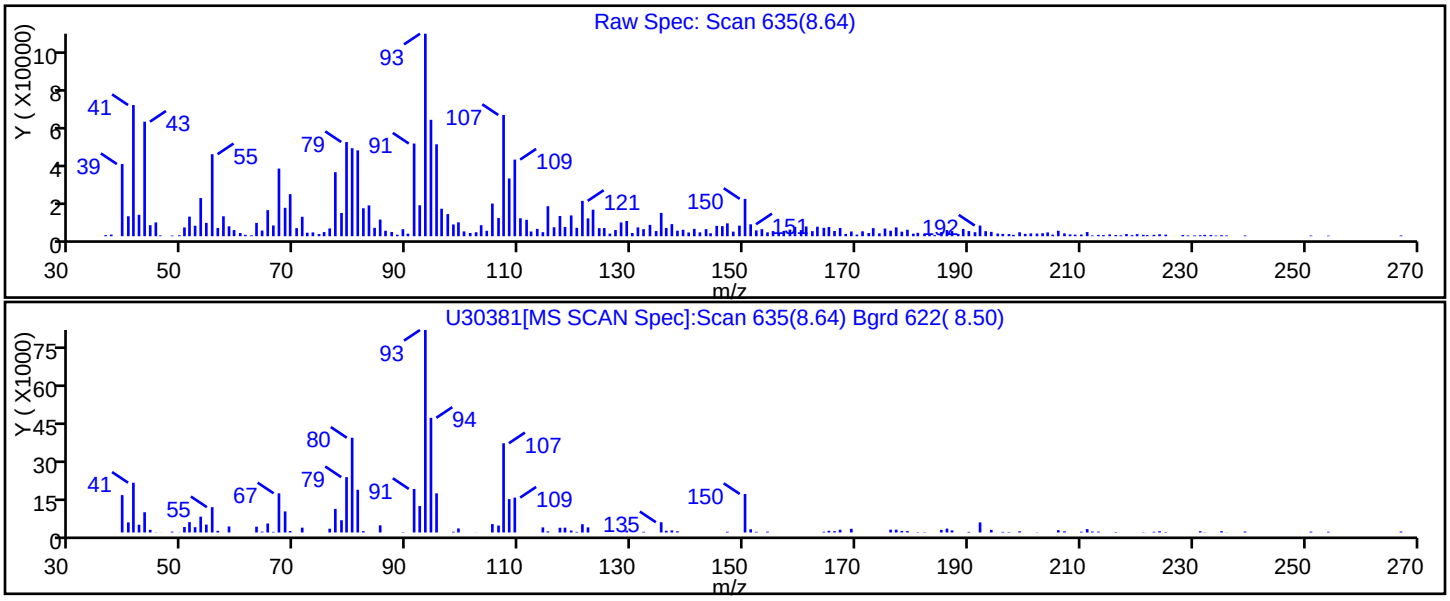


Report Date: 12-Oct-2016 01:39:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D				
Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6		
Client ID:	MW-18 Filtered				
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	51
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

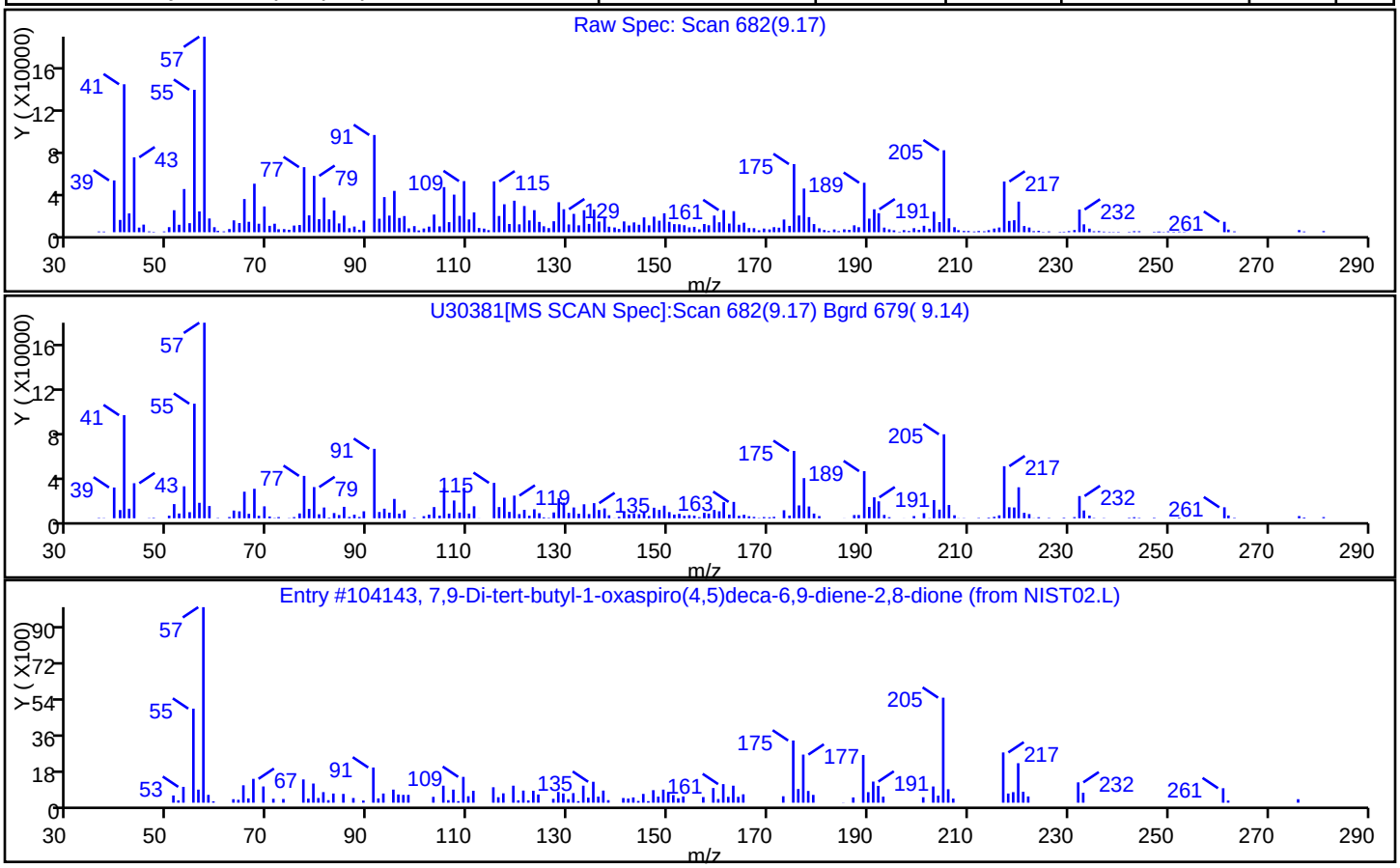


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30381.D

Injection Date:	11-Oct-2016 19:48:30	Instrument ID:	CBNAMS4
Lims ID:	460-121208-D-6-A	Lab Sample ID:	460-121208-6
Client ID:	MW-18 Filtered		
Operator ID:		ALS Bottle#:	51 Worklist Smp#: 51
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	82304-66-3	NIST02.L	104143	C17H24O3	276	96



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: U30382.D

Analysis Method: 625 | Date Collected: 09/30/2016 11:45

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 20:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U *	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: U30382.D

Analysis Method: 625 | Date Collected: 09/30/2016 11:45

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 20:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		49-125
1718-51-0	Terphenyl-d14	66		28-150
321-60-8	2-Fluorobiphenyl	62		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: U30382.D

Analysis Method: 625 | Date Collected: 09/30/2016 11:45

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 20:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 24.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	5.14	18	J	
	Unknown	5.22	6.7	J	

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30382.D
Lims ID: 460-121208-G-7-A
Client ID: FB_20160930
Sample Type: Client
Inject. Date: 11-Oct-2016 20:08:30 ALS Bottle#: 52 Worklist Smp#: 52
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-052
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 23:39:07 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: asfawa Date: 11-Oct-2016 23:31:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.309	-0.004	94	834284	8.00	
$ 28 Nitrobenzene-d5	82	4.854	4.876	-0.022	90	1991678	7.46	
* 38 Naphthalene-d8	136	5.577	5.576	0.001	94	2273459	8.00	
$ 52 2-Fluorobiphenyl	172	6.652	6.664	-0.012	95	2261597	6.20	
* 64 Acenaphthene-d10	164	7.319	7.322	-0.003	92	1772971	8.00	
* 87 Phenanthrene-d10	188	8.776	8.779	-0.003	99	2284515	8.00	
$ 96 Terphenyl-d14	244	10.337	10.340	-0.003	99	1718888	6.58	
* 102 Chrysene-d12	240	11.492	11.507	-0.015	99	1742085	8.00	
* 109 Perylene-d12	264	13.389	13.388	0.001	99	2017880	8.00	

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30382.D				
Lims ID:	460-121208-G-7-A				
Client ID:	FB_20160930				
Sample Type:	Client				
Inject. Date:	11-Oct-2016 20:08:30	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0046722-052				
Operator ID:		Instrument ID:	CBNAMS4		
Method:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m				
Limit Group:	SV 625 ICAL				
Last Update:	11-Oct-2016 23:39:07	Calib Date:	06-Oct-2016 16:13:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK035				
First Level Reviewer: asfawa		Date:	11-Oct-2016 23:31:17		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
5.136	1888637	2.19	38					
		Unknown						
5.217	728066	0.8437	38					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 38 Naphthalene-d8	5.577	6903748	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

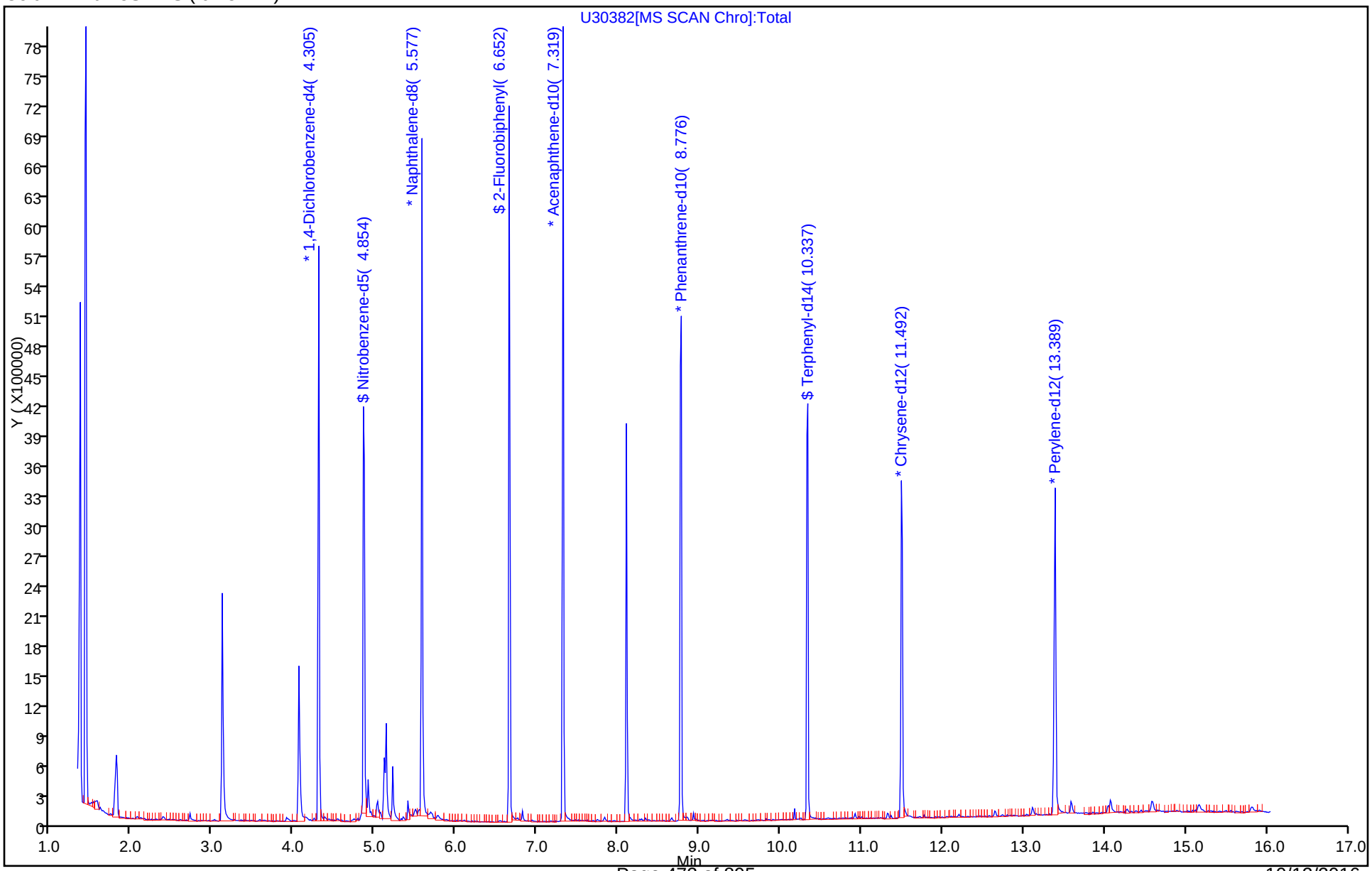
Report Date: 12-Oct-2016 01:39:58 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30382.D

Injection Date:	11-Oct-2016 20:08:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	460-121208-G-7-A	Lab Sample ID:	460-121208-7	Worklist Smp#:	52
Client ID:	FB_20160930				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	52
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

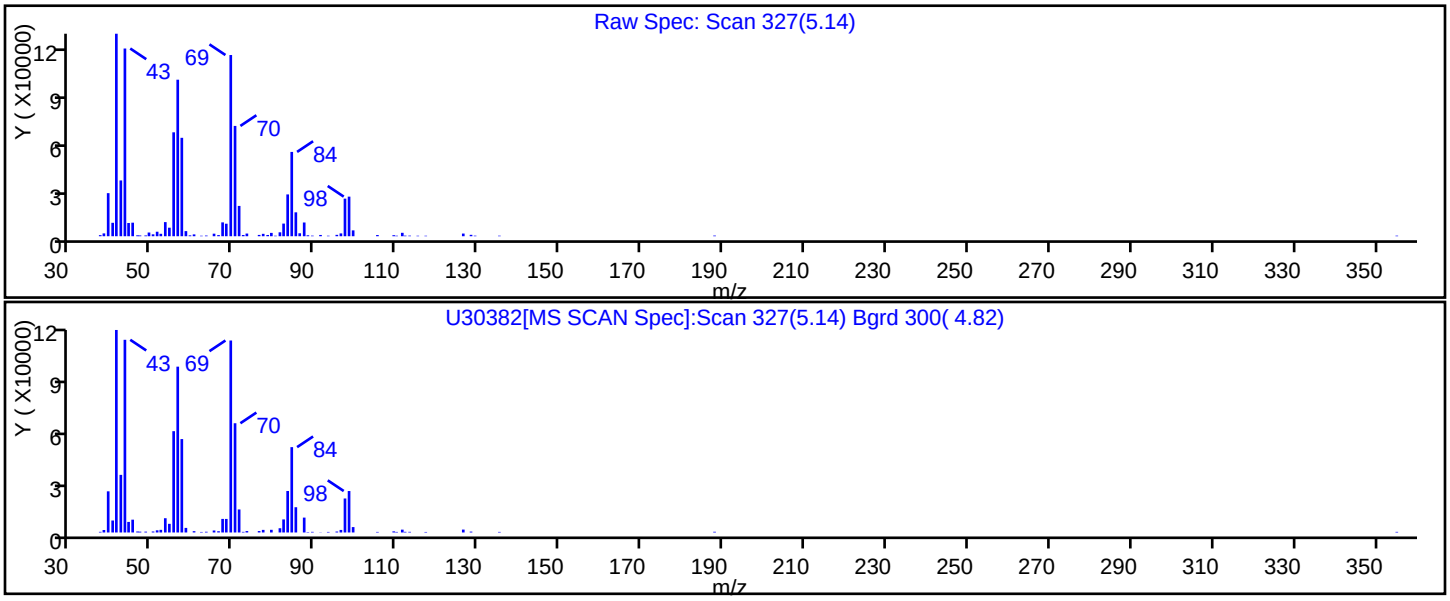


Report Date: 12-Oct-2016 01:39:58 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30382.D				
Injection Date:	11-Oct-2016 20:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-7-A	Lab Sample ID:	460-121208-7		
Client ID:	FB_20160930				
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



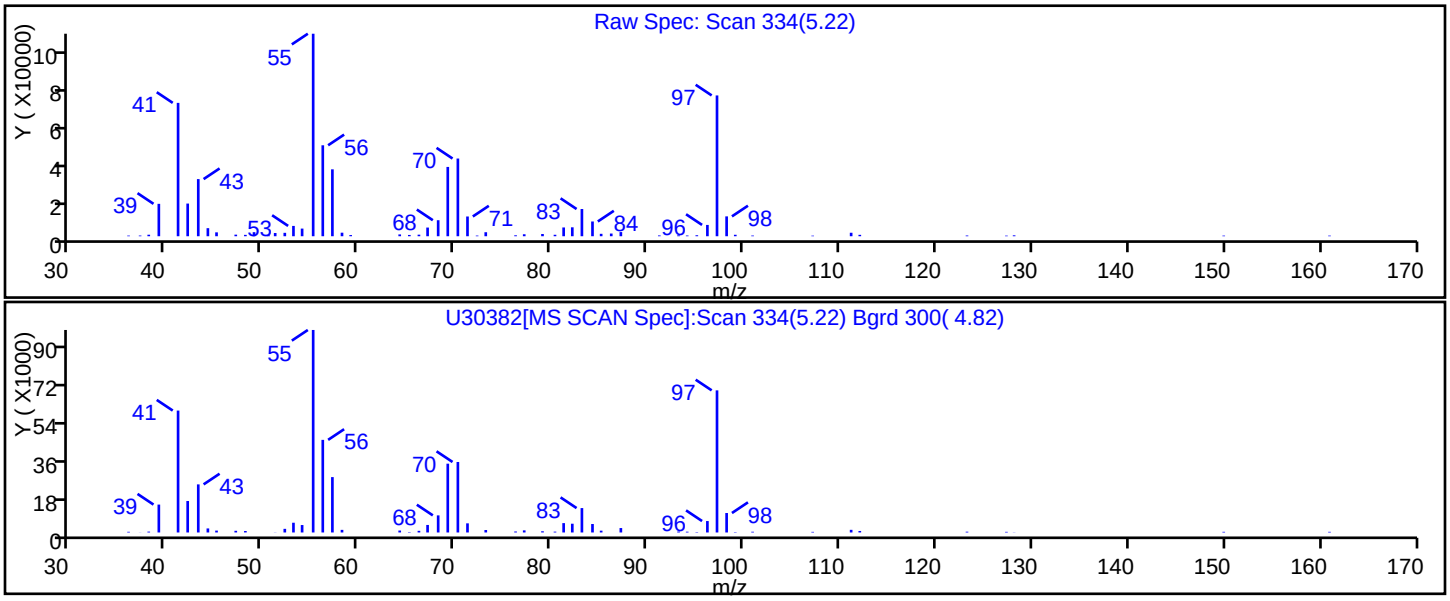
Report Date: 12-Oct-2016 01:39:58 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30382.D

Injection Date:	11-Oct-2016 20:08:30	Instrument ID:	CBNAMS4		
Lims ID:	460-121208-G-7-A	Lab Sample ID:	460-121208-7		
Client ID:	FB_20160930				
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-395361/9	U30057.D
Level 2	STD02 460-395361/8	U30056.D
Level 3	STD1 460-395361/7	U30055.D
Level 4	STD2 460-395361/6	U30054.D
Level 5	STD4 460-395361/5	U30053.D
Level 6	ICIS 460-395361/2	U30050.D
Level 7	STD16 460-395361/4	U30052.D
Level 8	STD24 460-395361/3	U30051.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.9939	0.9668	1.0867 0.8987	1.1091	1.0583	Ave		1.0189				7.9		35.0			
N-Nitrosodimethylamine	1.4556	1.4065	1.3830 1.3610	1.3749	1.6292	Ave		1.4350				7.0		35.0			
Pyridine	2.1800	1.9661	1.8061 1.8723	2.5258	2.1347	Ave		2.0808				12.6		35.0			
Phenol	2.6683	2.3796	3.4469 2.2964	3.4428	3.3619	Ave		2.9326				18.6		35.0			
Aniline	2.9457	2.8750	3.8447 2.7074	3.8281	3.7259	Ave		3.3211				16.0		35.0			
Bis(2-chloroethyl)ether	3.4312 2.3871	2.6587 2.2979	2.6287 2.1422	2.6903	2.8586	Ave		2.6368				15.1		35.0			
Benzonitrile	3.6081	3.4319	4.3201 3.2120	3.2695	4.3947	Ave		3.7061				14.1		35.0			
2-Chlorophenol	1.2150	1.1952	1.5147 1.1488	1.4388	1.4212	Ave		1.3223				11.6		35.0			
Decane	1.8291	1.6125	2.2912 1.4733	2.3237	2.2674	Ave		1.9662				19.2		35.0			
1,3-Dichlorobenzene	1.3292	1.2775	1.6684 1.2060	1.7154	1.5633	Ave		1.4600				14.8		35.0			
1,4-Dichlorobenzene	1.2899	1.1965	1.5435 1.1387	1.5023	1.5216	Ave		1.3654				13.1		35.0			
Benzyl alcohol	1.3016	1.3032	1.2856 1.2369	1.5119	1.4943	Ave		1.3556				8.6		35.0			
1,2-Dichlorobenzene	1.2091	1.1667	1.5949 1.0958	1.5898	1.4699	Ave		1.3544				16.5		35.0			
2-Methylphenol	1.6702	1.6440	2.0246 1.5875	2.0795	2.0243	Ave		1.8383				12.3		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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								
bis (2-chloroisopropyl) ether	2.5606	2.2845	3.3025 2.0813	3.3009	3.1817	Ave		2.7852				19.6		35.0			
N-Methylaniline	2.6091	2.4767	3.3659 2.3564	2.4598	3.2329	Ave		2.7501				15.8		35.0			
N-Nitrosodi-n-propylamine	1.7710 1.0700	1.5071 1.1146	1.3831 1.1279	1.4953	1.2601	Ave		1.3411			0.0500	18.1		35.0			
Acetophenone	2.1230	2.1034	3.2422 2.0001	3.2139	2.7952	Ave		2.5796				22.3		35.0			
4-Methylphenol	1.7231	1.5943	2.0956 1.5176	2.0934	2.1261	Ave		1.8583				15.0		35.0			
Hexachloroethane	1.1593 0.9981	1.1424 0.9180	1.1437 0.8681	1.1520	1.1607	Ave		1.0678				11.3		35.0			
n,n'-Dimethylaniline	3.0641 2.0513	3.0865 1.9980	2.8934 1.8719	1.9787	2.6267	Ave		2.4463				21.5		35.0			
Nitrobenzene	1.1186 0.8385	1.1062 0.8275	1.0764 0.7591	1.0200	1.0222	Ave		0.9711				14.5		35.0			
Isophorone	1.3827	1.7459 1.4086	1.7542 1.4213	1.8039	1.6240	Ave		1.5915				11.5		35.0			
2-Nitrophenol	0.2569	0.2476	0.2854 0.2316	0.3101	0.2758	Ave		0.2679				10.6		35.0			
2,4-Dimethylphenol	0.4596	0.4475	0.5279 0.4106	0.5453	0.4985	Ave		0.4816				10.7		35.0			
Bis(2-chloroethoxy)methane	0.8911	0.8368	1.0469 0.7604	1.0774	1.0401	Ave		0.9421				13.9		35.0			
Benzoic acid	0.2201	0.2763	0.0447 0.2807	0.1189	0.2047	Qua	-0.246	0.2480	0.0018913						0.9970		0.9900
2,4-Dichlorophenol	0.3844	0.3680	0.4663 0.3647	0.4641	0.4504	Ave		0.4163				11.7		35.0			
1,2,4-Trichlorobenzene	0.6734 0.4477	0.5519 0.4319	0.5692 0.4166	0.5568	0.5209	Ave		0.5210				16.5		35.0			
Naphthalene	0.9598	0.8687	1.2633 0.8294	1.3316	1.1567	Ave		1.0683				19.8		35.0			
4-Chloroaniline	0.5073	0.4857	0.6355 0.4597	0.6470	0.5830	Ave		0.5530				14.4		35.0			
Hexachlorobutadiene	0.3171 0.2925	0.3291 0.3071	0.3423 0.2965	0.3732	0.3376	Ave		0.3244				8.3		35.0			
4-Chloro-3-methylphenol	0.6042	0.5791	0.7691 0.5249	0.7685	0.6706	Ave		0.6527				15.5		35.0			
2-Methylnaphthalene	0.7379	0.6793	0.9924 0.6357	0.9304	0.8508	Ave		0.8044				17.7		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1-Methylnaphthalene	0.6125	0.9391 0.6338	0.8937 0.5615	0.8484	0.7600	Ave		0.7499				19.9		35.0			
Hexachlorocyclopentadiene	0.4470	0.4953	0.3461 0.5342	0.3957	0.4446	Ave		0.4438			0.0500	15.2		35.0			
1,2,4,5-Tetrachlorobenzene	0.6918	0.6549	0.7772 0.7361	0.7799	0.7479	Ave		0.7313				6.7		35.0			
2,4,6-Trichlorophenol	0.4575	0.2879 0.4817	0.4024 0.4738	0.4837	0.5030	Ave		0.4414				17.0		35.0			
2,4,5-Trichlorophenol	0.4625	0.4371	0.4799 0.4726	0.4889	0.4737	Ave		0.4691				3.8		35.0			
Diphenyl	1.3351	1.2603	1.7061 1.1290	1.7012	1.5139	Ave		1.4409				16.6		35.0			
2-Chloronaphthalene	1.0667	1.0069	1.2880 1.0037	1.2780	1.1712	Ave		1.1357				11.4		35.0			
Diphenyl ether	0.9088	0.8333	1.0050 0.8475	0.7230	0.9509	Ave		0.8781				11.3		35.0			
2-Nitroaniline	0.6283	0.6371	0.5643 0.6272	0.5739	0.6115	Ave		0.6070				5.1		35.0			
Dimethylnaphthalene, total	0.9214	0.8762	1.0721 0.9446	0.8863	1.0617	Ave		0.9604				9.0		35.0			
Dimethyl phthalate	1.2114	1.2250	1.5728 1.2395	1.5588	1.4615	Ave		1.3782				12.5		35.0			
Coumarin	0.2311	0.2280	0.2947 0.2183	0.2197	0.2758	Ave		0.2446				13.3		35.0			
2,6-Dinitrotoluene	0.3389	0.3403 0.3168	0.3616 0.3219	0.3849	0.3714	Ave		0.3480				7.3		35.0			
Acenaphthylene	1.4462	1.2912	1.8206 1.3343	1.7525	1.6568	Ave		1.5502				14.4		35.0			
3-Nitroaniline	0.3209	0.3188	0.3122 0.3194	0.3560	0.3224	Ave		0.3249				4.8		35.0			
Acenaphthene	0.9599	0.9358	1.0992 0.9295	1.3081	1.0455	Ave		1.0463				13.8		35.0			
2,4-Dinitrophenol	0.1937	0.2346	0.0861 0.2526	0.1590	0.2037	Qua	-0.134	0.1848	0.0014913		0.0500				0.9980		0.9900
4-Nitrophenol	0.3332	0.3161	0.2140 0.3260	0.2810	0.3260	Ave		0.2994			0.0500	15.3		35.0			
2,4-Dinitrotoluene	0.3981	0.3178 0.4273	0.4459 0.4151	0.4670	0.4789	Ave		0.4215				12.8		35.0			
Dibenzofuran	1.4767	1.3832	1.9040 1.3159	1.9084	1.7303	Ave		1.6197				16.2		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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								
2,3,4,6-Tetrachlorophenol	0.3717	0.3797	0.3317 0.3934	0.3868	0.3978	Ave		0.3768				6.4		35.0			
Diethyl phthalate	1.2294	1.2586	1.6519 1.2142	1.6636	1.4878	Ave		1.4176				14.9		35.0			
4-Chlorophenyl phenyl ether	0.6638	0.6755	0.6767 0.6491	0.7556	0.6984	Ave		0.6865				5.5		35.0			
Fluorene	1.1146	1.0818	1.4354 1.0778	1.4318	1.2624	Ave		1.2340				13.7		35.0			
4-Nitroaniline	0.2870	0.2800	0.2789 0.2787	0.2996	0.3063	Ave		0.2884				4.1		35.0			
4,6-Dinitro-2-methylphenol	0.1824	0.0461 0.1627	0.1196 +++++	0.1536	0.1698	Lin	-0.023	0.1690							0.9940		0.9900
N-Nitrosodiphenylamine	0.5719	0.5093	0.6599 0.5365	0.6556	0.6181	Ave		0.5919				10.6		35.0			
1,2-Diphenylhydrazine	1.2142	0.9854	1.4207 1.0061	1.3716	1.3821	Ave		1.2300				15.8		35.0			
4-Bromophenyl phenyl ether	0.2749	0.2637	0.3031 0.2869	0.2729	0.2944	Ave		0.2827				5.2		35.0			
Hexachlorobenzene	0.3398 0.2982	0.3201 0.2753	0.3159 0.2922	0.3158	0.2932	Ave		0.3063				6.6		35.0			
Pentachlorophenol	0.1752	0.1672	0.1187 0.1802	0.1493	0.1631	Ave		0.1590				14.1		35.0			
n-Octadecane	0.6765	0.6407	0.7859 0.6532	0.7659	0.7405	Ave		0.7105				8.7		35.0			
Phenanthrene	0.8236	0.8276	1.1032 0.7677	1.0582	1.0777	Ave		0.9430				16.1		35.0			
Anthracene	0.9288	0.8108	1.2407 0.8781	1.2234	1.1249	Ave		1.0344				17.9		35.0			
Carbazole	0.8291	0.7874	1.0248 0.7206	1.0000	0.9592	Ave		0.8868				14.1		35.0			
Di-n-butyl phthalate	1.0860	0.9068	1.7551 0.9405	1.6240	1.4054	Ave		1.2863				28.1		35.0			
Fluoranthene	1.0082	0.9391	1.2419 0.9234	1.2545	1.1721	Ave		1.0899				13.9		35.0			
Benzidine	0.5408	0.5558	0.4090 0.6101	0.5940	0.5957	Ave		0.5509				13.5		35.0			
Pyrene	1.4778	1.4267	1.8224 1.2794	1.8993	1.6081	Ave		1.5856				15.1		35.0			
Butyl benzyl phthalate	0.7904	0.7223	0.8041 0.6741	0.8132	0.7963	Ave		0.7667				7.3		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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								
2,3,7,8-TCDD	0.2063					Ave		0.2063						35.0			
Carbamazepine	0.5190	0.5035	0.1899 0.5662	0.1874	0.4510	Qua	-0.355	0.4873	0.0037357						0.9980		0.9900
3,3'-Dichlorobenzidine	0.4761	0.2810 0.4550	0.3506 0.4834	0.5304	0.4828	Ave		0.4370				20.2		35.0			
Benzo[a]anthracene	1.4272 1.0856	1.3157 1.0455	1.2237 1.0280	1.2955	1.1509	Ave		1.1965				12.0		35.0			
Bis(2-ethylhexyl) phthalate	0.8161	0.7126 0.8081	0.8339 0.7861	0.9619	0.8711	Ave		0.8271				9.3		35.0			
Chrysene	1.0133	1.1580 0.9970	0.9683 1.0573	1.1507	1.0926	Ave		1.0625				7.0		35.0			
Di-n-octyl phthalate	1.4835	1.4126	1.5894 1.3938	1.7244	1.8695	Ave		1.5789				11.9		35.0			
Benzo[b]fluoranthene	1.1644 1.0603	1.2314 1.1137	1.1252 1.0336	1.3196	1.1284	Ave		1.1471				8.0		35.0			
Benzo[k]fluoranthene	1.2113 1.0734	1.1355 0.9708	1.2084 1.1165	1.2171	1.3291	Ave		1.1577				9.4		35.0			
Benzo[a]pyrene	1.0082 0.9916	0.9095 0.9593	1.0183 1.0392	1.0792	1.1151	Ave		1.0151				6.4		35.0			
Indeno[1,2,3-cd]pyrene	0.6756 0.9354	0.6759 1.0280	0.8745 1.0890	0.8892	0.9395	Ave		0.8884				16.8		35.0			
Dibenz(a,h)anthracene	0.7454 0.8599	0.6985 0.9566	0.8492 1.0143	0.9366	0.9359	Ave		0.8745				12.4		35.0			
Benzo[g,h,i]perylene	0.9274	1.0524	0.8959 1.0550	1.0003	0.9235	Ave		0.9758				7.1		35.0			
2-Fluorophenol	1.9972	2.3103 1.9414	2.2820 1.6716	2.4782	2.3284	Ave		2.1442				13.2		35.0			
Phenol-d5	2.7461	2.9438 2.6472	3.1818 2.3841	3.4862	3.2865	Ave		2.9537				13.2		35.0			
Nitrobenzene-d5	0.8790 0.8574	0.9739 0.8724	1.0369 0.8238	1.0606	1.0151	Ave		0.9399				9.8		35.0			
2-Fluorobiphenyl	1.9081 1.3713	1.8951 1.3176	1.8786 1.3803	1.7860	1.6372	Ave		1.6468				15.5		35.0			
2,4,6-Tribromophenol	0.2891	0.1744 0.3234	0.2878 0.3172	0.3395	0.3150	Ave		0.2923				18.9		35.0			
Terphenyl-d14	1.3933 1.0434	1.3569 1.0862	1.2192 0.9336	1.3682	1.1954	Ave		1.1995				14.1		35.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-395361/9	U30057.D
Level 2	STD02 460-395361/8	U30056.D
Level 3	STD1 460-395361/7	U30055.D
Level 4	STD2 460-395361/6	U30054.D
Level 5	STD4 460-395361/5	U30053.D
Level 6	ICIS 460-395361/2	U30050.D
Level 7	STD16 460-395361/4	U30052.D
Level 8	STD24 460-395361/3	U30051.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	DCBd 4	Ave	730971	1076608	83043 1419579	162176	286653	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCBd 4	Ave	1070493	1566287	105684 2149724	201040	441292	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCBd 4	Ave	1603268	2189542	138017 2957410	369330	578187	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCBd 4	Ave	1962386	2649945	263407 3627173	503407	910599	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCBd 4	Ave	2166394	3201641	293810 4276422	559743	1009177	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	28980 1755587	44744 2558958	200883 3383612	393381	774271	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzonitrile	DCBd 4	Ave	2653525	3821888	330136 5073476	478074	1190321	10.0	16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCBd 4	Ave	893576	1330982	115749 1814568	210379	384941	10.0	16.0	1.00 24.0	2.00	4.00
Decane	DCBd 4	Ave	1345208	1795717	175093 2327155	339777	614134	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCBd 4	Ave	977569	1422688	127495 1904868	250828	423419	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCBd 4	Ave	948619	1332481	117956 1798669	219669	412138	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCBd 4	Ave	957219	1451218	98244 1953767	221067	404748	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCBd 4	Ave	889236	1299250	121884 1730899	232466	398124	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCBd 4	Ave	1228357	1830771	154715 2507499	304066	548285	10.0	16.0	1.00 24.0	2.00	4.00
bis (2-chloroisopropyl) ether	DCBd 4	Ave	1883164	2544057	252370 3287397	482656	861793	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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
N-Methylaniline	DCBd 4	Ave	1918868	2758055	257220 3722030	359674	875657	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	14958 786941	25363 1241241	105697 1781548	218648	341312	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acetophenone	DCBd 4	Ave	1561375	2342362	247768 3159230	469940	757101	10.0	16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCBd 4	Ave	1267214	1775402	160146 2397051	306091	575879	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCBd 4	Ave	9792 734043	19225 1022278	87399 1371199	168453	314392	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCBd 4	Ave	25880 1508591	51943 2225068	221112 2956648	289332	711448	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	27656 1728468	53904 2533137	237903 3294075	427978	817816	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	2850204	85074 4311820	387705 6167584	756839	1299327	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	529535	757967	63068 1005009	130117	220623	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	947453	1369972	116685 1781783	228787	398847	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1836894	2561382	231381 3299499	452043	832125	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Qua	453677	845679	9869 1217989	49904	163784	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	792453	1126426	103052 1582474	194731	360380	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	16648 922771	26894 1321962	125798 1807525	233636	416725	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	1978498	2659047	279218 3599181	558695	925448	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	1045695	1486675	140453 1994923	271452	466469	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	7839 603014	16038 939922	75648 1286766	156565	270069	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	1245371	1772740	169980 2277569	322423	536540	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1521092	2079405	219338 2758269	390353	680708	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	1262530	45763 1940004	197520 2436583	355967	608037	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	561722	946419	53043 1319641	113013	234272	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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
1,2,4,5-Tetrachlorobenzene	ANT	Ave	869349	1251389	119102 1818346	222714	394097	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	574907	9412 920424	61658 1170402	138117	265040	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	581150	835235	73544 1167421	139617	249586	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl	ANT	Ave	1677682	2408222	261448 2788974	485809	797668	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	1340446	1923985	197372 2479472	364969	617106	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl ether	ANT	Ave	1142071	1592231	154015 2093459	206475	501046	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	789517	1217343	86473 1549467	163893	322197	10.0	16.0	1.00 24.0	2.00	4.00
Dimethylnaphthalene, total	ANT	Ave	1157840	1674309	164293 2333466	253113	559427	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1522296	2340828	241015 3061977	445138	770071	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	476441	698067	65137 947121	92178	220644	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	425847	11128 605372	55419 795110	109928	195685	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	1817334	2467184	278992 3295972	500463	872963	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	403301	609109	47850 788969	101659	169850	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Ave	1206221	1788183	168445 2296096	373556	550898	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Qua	486834	896625	26394 1248036	90839	214663	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitrophenol	ANT	Ave	837371	1208082	65583 1610579	160463	343563	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	500242	10391 816544	68324 1025488	133373	252353	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	1855674	2642976	291773 3250540	544979	911730	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	467122	725526	50826 971814	110468	209582	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	1544903	2405032	253140 2999467	475085	783927	10.0	16.0	1.00 24.0	2.00	4.00
4-Chlorophenyl phenyl ether	ANT	Ave	834139	1290836	103696 1603531	215775	367999	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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	1400674	2067193	219965 2662392	408869	665145	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	360685	534985	42742 688391	85566	161382	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Lin	699963	4580 983398	56672 +++++	140919	285231	20.0	0.400 32.0	2.00 +++++	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	1097124	1539522	156318 1961331	300836	519220	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	2329383	2978389	336528 3678306	629357	1160985	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	527411	797106	71787 1048730	125245	247311	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	9820 572020	15901 832265	74827 1068350	144917	246263	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	672303	1010786	56234 1317539	137040	274068	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Ave	1297799	1936606	186166 2388002	351450	622038	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	1579952	2501656	261327 2806549	485548	905307	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	1781775	2450868	293879 3210433	561371	944927	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1590486	2379875	242750 2634557	458853	805730	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	2083429	2740762	415730 3438469	745202	1180570	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	1934110	2838418	294181 3376066	575638	984614	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	1037473	1680082	96876 2230562	272565	500432	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	1930828	2705136	294705 3327430	536384	956801	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	1032741	1369538	130037 1753118	229659	473809	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	2695					0.100				
Carbamazepine	CRY	Qua	678039	954708	30708 1472578	52912	268347	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	622043	9265 862756	56699 1257151	149801	287241	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	25459 1418389	43387 1982327	197883 2673757	365848	684749	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 395361

SDG No.:

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2016 10:46 Calibration End Date: 10/06/2016 13:38 Calibration ID: 58249

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
Bis(2-ethylhexyl) phthalate	CRY	Ave	1066223	23498 1532184	134852 2044543	271649	518324	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	1323954	38187 1890263	156590 2749884	324952	650102	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	1974109	2702484	221246 3628289	447743	958368	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	17995 1410931	34667 2130616	156635 2690658	342643	578457	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	18720 1428402	31965 1857223	168205 2906394	316017	681317	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	15581 1319583	25605 1835281	141750 2705184	280205	571650	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	10441 1244697	19027 1966815	121731 2834698	230882	481615	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	11520 1144238	19664 1830051	118213 2640272	243190	479749	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	1234157	2013497	124717 2746200	259736	473429	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCBd 4	Ave	1468832	38881 2161989	174389 2640378	362370	630672	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCBd 4	Ave	2019592	49542 2948021	243150 3765741	509748	890174	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	21733 1767322	47457 2670365	229177 3574802	444992	812097	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	32356 1723261	61962 2517734	287885 3409704	510039	862644	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	363249	5702 617886	44105 783504	96950	165994	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	24855 1363311	44747 2059451	197163 2428073	386379	711238	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30050.D
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 06-Oct-2016 10:46:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046498-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 22:59:00 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 11:38:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.814	1.814	0.000	93	730971	10.0	9.75	M
2 N-Nitrosodimethylamine	74	2.060	2.060	0.000	83	1070493	10.0	10.1	
3 Pyridine	79	2.083	2.083	0.000	91	1603268	10.0	10.5	
$ 4 2-Fluorophenol	112	3.237	3.237	0.000	93	1468832	10.0	9.31	
$ 6 Phenol-d5	99	4.168	4.168	0.000	89	2019592	10.0	9.30	
7 Phenol	94	4.180	4.180	0.000	97	1962386	10.0	9.10	
8 Aniline	93	4.192	4.192	0.000	96	2166394	10.0	8.87	
9 Bis(2-chloroethyl)ether	93	4.251	4.251	0.000	95	1755587	10.0	9.05	
10 Benzonitrile	103	4.274	4.274	0.000	95	2653525	10.0	9.74	
11 2-Chlorophenol	128	4.309	4.309	0.000	84	893576	10.0	9.19	
12 n-Decane	43	4.343	4.343	0.000	88	1345208	10.0	9.30	
13 1,3-Dichlorobenzene	146	4.459	4.459	0.000	81	977569	10.0	9.10	
* 14 1,4-Dichlorobenzene-d4	152	4.506	4.506	0.000	90	588355	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.529	4.529	0.000	82	948619	10.0	9.45	
17 Benzyl alcohol	108	4.658	4.658	0.000	92	957219	10.0	9.60	
18 1,2-Dichlorobenzene	146	4.682	4.682	0.000	82	889236	10.0	8.93	
19 2-Methylphenol	108	4.775	4.775	0.000	89	1228357	10.0	9.09	
20 2,2'-oxybis[1-chloropropan	45	4.787	4.787	0.000	92	1883164	10.0	9.19	
23 N-Methylaniline	106	4.904	4.904	0.000	80	1918868	10.0	9.49	
24 Acetophenone	105	4.916	4.916	0.000	91	1561375	10.0	8.23	
25 N-Nitrosodi-n-propylamine	70	4.916	4.916	0.000	94	786941	10.0	7.98	
21 4-Methylphenol	108	4.928	4.928	0.000	83	1267214	10.0	9.27	
26 3 & 4 Methylphenol	108	4.928	4.928	0.000	79	1296663	NC	NC	
27 Hexachloroethane	117	5.022	5.022	0.000	92	734043	10.0	9.35	
$ 28 Nitrobenzene-d5	82	5.068	5.068	0.000	89	1767322	10.0	9.12	
30 n,n'-Dimethylaniline	120	5.092	5.092	0.000	85	1508591	10.0	8.39	
29 Nitrobenzene	77	5.092	5.092	0.000	89	1728468	10.0	8.64	
31 Isophorone	82	5.334	5.334	0.000	98	2850204	10.0	8.69	
32 2-Nitrophenol	139	5.404	5.404	0.000	67	529535	10.0	9.59	
33 2,4-Dimethylphenol	122	5.461	5.461	0.000	83	947453	10.0	9.54	
34 Bis(2-chloroethoxy)methane	93	5.543	5.543	0.000	95	1836894	10.0	9.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.602	5.602	0.000	83	453677	10.0	9.22	
36 2,4-Dichlorophenol	162	5.649	5.649	0.000	84	792453	10.0	9.23	
37 1,2,4-Trichlorobenzene	180	5.731	5.731	0.000	91	922771	10.0	8.59	
* 38 Naphthalene-d8	136	5.790	5.790	0.000	96	1649038	8.00	8.00	
39 Naphthalene	128	5.813	5.813	0.000	95	1978498	10.0	8.98	
40 4-Chloroaniline	127	5.871	5.871	0.000	90	1045695	10.0	9.17	
41 Hexachlorobutadiene	225	5.942	5.942	0.000	92	603014	10.0	9.02	
44 4-Chloro-3-methylphenol	107	6.360	6.360	0.000	91	1245371	10.0	9.26	
45 2-Methylnaphthalene	142	6.500	6.500	0.000	79	1521092	10.0	9.17	
46 1-Methylnaphthalene	142	6.592	6.592	0.000	87	1262530	10.0	8.17	
47 Hexachlorocyclopentadiene	237	6.662	6.662	0.000	93	561722	10.0	10.1	
48 1,2,4,5-Tetrachlorobenzene	216	6.673	6.673	0.000	96	869349	10.0	9.46	
49 2-tertbutyl-4-methylphenol	149	6.696	6.696	0.000	78	1101683	NC	NC	
50 2,4,6-Trichlorophenol	196	6.789	6.789	0.000	88	574907	10.0	10.4	
51 2,4,5-Trichlorophenol	196	6.825	6.825	0.000	90	581150	10.0	9.86	
$ 52 2-Fluorobiphenyl	172	6.860	6.860	0.000	94	1723261	10.0	8.33	
53 1,1'-Biphenyl	154	6.964	6.964	0.000	98	1677682	10.0	9.27	
54 2-Chloronaphthalene	162	6.987	6.987	0.000	92	1340446	10.0	9.39	
55 Phenyl ether	170	7.068	7.068	0.000	85	1142071	10.0	10.4	
57 2-Nitroaniline	65	7.091	7.091	0.000	84	789517	10.0	10.3	
58 1,3-Dimethylnaphthalene	156	7.197	7.197	0.000	88	1157840	10.0	9.59	
59 Dimethyl phthalate	163	7.267	7.267	0.000	92	1522296	10.0	8.79	
60 Coumarin	146	7.291	7.291	0.000	67	476441	10.0	9.45	
61 2,6-Dinitrotoluene	165	7.326	7.326	0.000	88	425847	10.0	9.74	
62 Acenaphthylene	152	7.396	7.396	0.000	95	1817334	10.0	9.33	
63 3-Nitroaniline	138	7.500	7.500	0.000	85	403301	10.0	9.88	
* 64 Acenaphthene-d10	164	7.534	7.534	0.000	92	1005307	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.557	7.557	0.000	97	1420828	NC	NC	
66 Acenaphthene	154	7.568	7.568	0.000	93	1206221	10.0	9.17	
67 2,4-Dinitrophenol	184	7.592	7.592	0.000	89	486834	20.0	18.8	
69 4-Nitrophenol	65	7.683	7.683	0.000	84	837371	20.0	22.3	
70 2,4-Dinitrotoluene	165	7.718	7.718	0.000	80	500242	10.0	9.45	
71 Dibenzofuran	168	7.740	7.740	0.000	93	1855674	10.0	9.12	
72 2,3,4,6-Tetrachlorophenol	232	7.857	7.857	0.000	86	467122	10.0	9.86	
73 Diethyl phthalate	149	7.960	7.960	0.000	94	1544903	10.0	8.67	
74 4-Chlorophenyl phenyl ethe	204	8.063	8.063	0.000	78	834139	10.0	9.67	
75 Fluorene	166	8.075	8.075	0.000	93	1400674	10.0	9.03	
76 4-Nitroaniline	138	8.109	8.109	0.000	83	360685	10.0	9.95	
77 4,6-Dinitro-2-methylphenol	198	8.133	8.133	0.000	82	699963	20.0	21.7	
78 N-Nitrosodiphenylamine	169	8.191	8.191	0.000	68	1097124	10.0	9.66	
79 1,2-Diphenylhydrazine	77	8.227	8.227	0.000	97	2329383	10.0	9.87	
$ 80 2,4,6-Tribromophenol	330	8.308	8.308	0.000	90	363249	10.0	9.89	
81 4-Bromophenyl phenyl ether	248	8.552	8.552	0.000	94	527411	10.0	9.73	
82 Hexachlorobenzene	284	8.621	8.621	0.000	96	572020	10.0	9.73	
84 Pentachlorophenol	266	8.817	8.817	0.000	91	672303	20.0	22.0	
85 Pentachloronitrobenzene	237	8.828	8.828	0.000	88	280287	NC	NC	
86 n-Octadecane	57	8.873	8.873	0.000	93	1297799	10.0	9.52	
* 87 Phenanthrene-d10	188	8.989	8.989	0.000	98	1534729	8.00	8.00	
88 Phenanthrene	178	9.011	9.011	0.000	98	1579952	10.0	8.73	
89 Anthracene	178	9.069	9.069	0.000	96	1781775	10.0	8.98	
90 Carbazole	167	9.219	9.219	0.000	99	1590486	10.0	9.35	
91 Di-n-butyl phthalate	149	9.555	9.555	0.000	97	2083429	10.0	8.44	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.179	10.179	0.000	94	1934110	10.0	9.25	
93 Benzidine	184	10.307	10.307	0.000	98	1037473	10.0	9.82	
94 Pyrene	202	10.410	10.410	0.000	94	1930828	10.0	9.32	
95 Bisphenol-A	213	10.457	10.457	0.000	0	811972	NC	NC	
$ 96 Terphenyl-d14	244	10.560	10.560	0.000	97	1363311	10.0	8.70	
97 Butyl benzyl phthalate	149	11.098	11.098	0.000	93	1032741	10.0	10.3	
98 2,3,7,8-TCDD	320	11.216	11.216	0.000	54	2695	0.1000	0.1000	
99 Carbamazepine	193	11.228	11.228	0.000	90	678039	10.0	10.5	
100 3,3'-Dichlorobenzidine	252	11.731	11.731	0.000	97	622043	10.0	10.9	
101 Benzo[a]anthracene	228	11.765	11.765	0.000	99	1418389	10.0	9.07	
* 102 Chrysene-d12	240	11.776	11.776	0.000	98	1045241	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.799	11.799	0.000	92	1066223	10.0	9.87	
104 Chrysene	228	11.810	11.810	0.000	98	1323954	10.0	9.54	
105 Di-n-octyl phthalate	149	12.661	12.661	0.000	96	1974109	10.0	9.40	
106 Benzo[b]fluoranthene	252	13.198	13.198	0.000	96	1410931	10.0	9.24	
107 Benzo[k]fluoranthene	252	13.232	13.232	0.000	97	1428402	10.0	9.27	
108 Benzo[a]pyrene	252	13.642	13.642	0.000	97	1319583	10.0	9.77	
* 109 Perylene-d12	264	13.723	13.723	0.000	98	1064561	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.281	15.281	0.000	97	1244697	10.0	10.5	
111 Dibenz(a,h)anthracene	278	15.314	15.314	0.000	99	1144238	10.0	9.83	
112 Benzo[g,h,i]perylene	276	15.722	15.722	0.000	95	1234157	10.0	9.50	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL6_00043 Amount Added: 1.00 Units: mL

Report Date: 06-Oct-2016 22:59:07 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30050.D

Injection Date: 06-Oct-2016 10:46:30 Instrument ID: CBNAMS4 Operator ID:

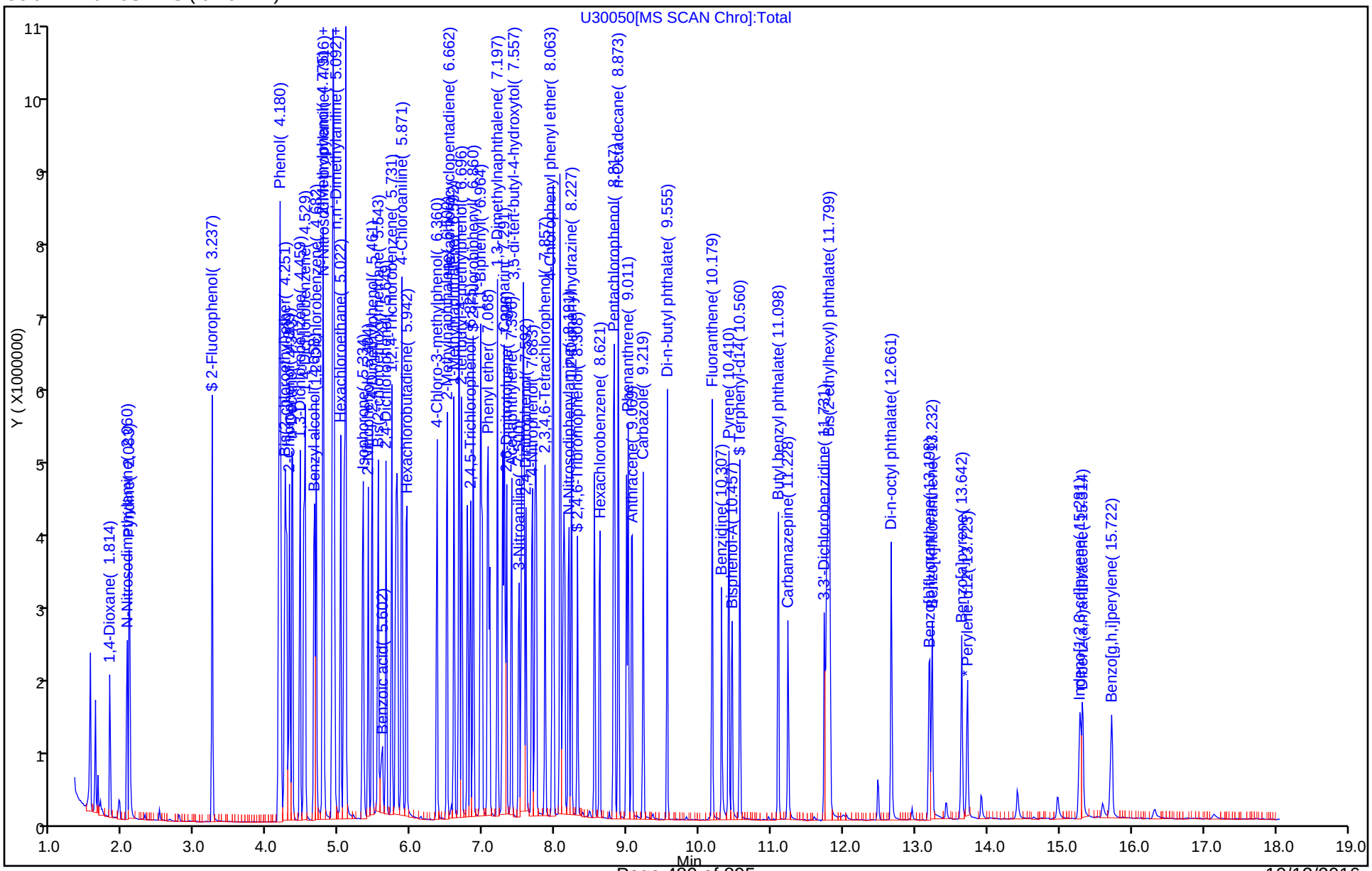
Lims ID: icis Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30051.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 06-Oct-2016 11:20:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-003
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 22:59:18 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 12:16:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.814	1.814	0.000	92	1419579	24.0	21.2	M
2 N-Nitrosodimethylamine	74	2.058	2.060	-0.002	81	2149724	24.0	22.8	
3 Pyridine	79	2.093	2.083	0.010	91	2957410	24.0	21.6	
$ 4 2-Fluorophenol	112	3.237	3.237	0.000	92	2640378	24.0	18.7	
$ 6 Phenol-d5	99	4.176	4.168	0.008	87	3765741	24.0	19.4	
7 Phenol	94	4.200	4.180	0.020	90	3627173	24.0	18.8	
8 Aniline	93	4.200	4.192	0.008	74	4276422	24.0	19.6	
9 Bis(2-chloroethyl)ether	93	4.258	4.251	0.007	97	3383612	24.0	19.5	
10 Benzonitrile	103	4.293	4.274	0.019	93	5073476	24.0	20.8	
11 2-Chlorophenol	128	4.317	4.309	0.008	84	1814568	24.0	20.9	
12 n-Decane	43	4.352	4.343	0.009	81	2327155	24.0	18.0	
13 1,3-Dichlorobenzene	146	4.458	4.459	-0.001	78	1904868	24.0	19.8	
* 14 1,4-Dichlorobenzene-d4	152	4.517	4.506	0.011	91	526509	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.528	4.529	-0.001	77	1798669	24.0	20.0	
17 Benzyl alcohol	108	4.669	4.658	0.011	92	1953767	24.0	21.9	
18 1,2-Dichlorobenzene	146	4.680	4.682	-0.002	88	1730899	24.0	19.4	
19 2-Methylphenol	108	4.786	4.775	0.011	84	2507499	24.0	20.7	
20 2,2'-oxybis[1-chloropropan	45	4.786	4.787	-0.001	91	3287397	24.0	17.9	
23 N-Methylaniline	106	4.912	4.904	0.008	84	3722030	24.0	20.6	
24 Acetophenone	105	4.935	4.916	0.019	93	3159230	24.0	18.6	
25 N-Nitrosodi-n-propylamine	70	4.935	4.916	0.019	86	1781548	24.0	20.2	
21 4-Methylphenol	108	4.947	4.928	0.019	83	2397051	24.0	19.6	
26 3 & 4 Methylphenol	108	4.947	4.928	0.019	76	2434169	NC	NC	
27 Hexachloroethane	117	5.016	5.022	-0.006	91	1371199	24.0	19.5	
$ 28 Nitrobenzene-d5	82	5.084	5.068	0.016	90	3574802	24.0	21.0	
30 n,n'-Dimethylaniline	120	5.096	5.092	0.004	76	2956648	24.0	18.4	
29 Nitrobenzene	77	5.108	5.092	0.016	90	3294075	24.0	18.8	
31 Isophorone	82	5.351	5.334	0.017	98	6167584	24.0	21.4	
32 2-Nitrophenol	139	5.410	5.404	0.006	64	1005009	24.0	20.7	
33 2,4-Dimethylphenol	122	5.469	5.461	0.008	82	1781783	24.0	20.5	
34 Bis(2-chloroethoxy)methane	93	5.551	5.543	0.008	96	3299499	24.0	19.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.668	5.602	0.066	87	1217989	24.0	23.8	
36 2,4-Dichlorophenol	162	5.668	5.649	0.019	91	1582474	24.0	21.0	
37 1,2,4-Trichlorobenzene	180	5.738	5.731	0.007	90	1807525	24.0	19.2	
* 38 Naphthalene-d8	136	5.796	5.790	0.006	95	1446421	8.00	8.00	
39 Naphthalene	128	5.820	5.813	0.007	92	3599181	24.0	18.6	
40 4-Chloroaniline	127	5.878	5.871	0.007	87	1994923	24.0	20.0	
41 Hexachlorobutadiene	225	5.936	5.942	-0.006	87	1286766	24.0	21.9	
44 4-Chloro-3-methylphenol	107	6.366	6.360	0.006	91	2277569	24.0	19.3	
45 2-Methylnaphthalene	142	6.505	6.500	0.005	77	2758269	24.0	19.0	
46 1-Methylnaphthalene	142	6.598	6.592	0.006	86	2436583	24.0	18.0	
47 Hexachlorocyclopentadiene	237	6.669	6.662	0.007	93	1319641	24.0	28.9	
48 1,2,4,5-Tetrachlorobenzene	216	6.680	6.673	0.007	94	1818346	24.0	24.2	
49 2-tertbutyl-4-methylphenol	149	6.714	6.696	0.018	82	2311173	NC	NC	
50 2,4,6-Trichlorophenol	196	6.796	6.789	0.007	85	1170402	24.0	25.8	
51 2,4,5-Trichlorophenol	196	6.830	6.825	0.005	88	1167421	24.0	24.2	
$ 52 2-Fluorobiphenyl	172	6.875	6.860	0.015	92	3409704	24.0	20.1	
53 1,1'-Biphenyl	154	6.967	6.964	0.003	94	2788974	24.0	18.8	
54 2-Chloronaphthalene	162	6.990	6.987	0.003	86	2479472	24.0	21.2	
55 Phenyl ether	170	7.071	7.068	0.003	83	2093459	24.0	23.2	
57 2-Nitroaniline	65	7.095	7.091	0.004	80	1549467	24.0	24.8	
58 1,3-Dimethylnaphthalene	156	7.201	7.197	0.004	87	2333466	24.0	23.6	
59 Dimethyl phthalate	163	7.293	7.267	0.026	94	3061977	24.0	21.6	
60 Coumarin	146	7.304	7.291	0.013	68	947121	24.0	21.4	
61 2,6-Dinitrotoluene	165	7.339	7.326	0.013	87	795110	24.0	22.2	
62 Acenaphthylene	152	7.397	7.396	0.001	91	3295972	24.0	20.7	
63 3-Nitroaniline	138	7.513	7.500	0.013	85	788969	24.0	23.6	
* 64 Acenaphthene-d10	164	7.537	7.534	0.003	92	823419	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.559	7.557	0.002	95	2759384	NC	NC	
66 Acenaphthene	154	7.570	7.568	0.002	93	2296096	24.0	21.3	
67 2,4-Dinitrophenol	184	7.615	7.592	0.023	89	1248036	48.0	47.9	
69 4-Nitrophenol	65	7.697	7.683	0.014	83	1610579	48.0	52.3	
70 2,4-Dinitrotoluene	165	7.731	7.718	0.013	79	1025488	24.0	23.6	
71 Dibenzofuran	168	7.742	7.740	0.002	88	3250540	24.0	19.5	
72 2,3,4,6-Tetrachlorophenol	232	7.868	7.857	0.011	89	971814	24.0	25.1	
73 Diethyl phthalate	149	7.969	7.960	0.009	95	2999467	24.0	20.6	
74 4-Chlorophenyl phenyl ethe	204	8.072	8.063	0.009	80	1603531	24.0	22.7	
75 Fluorene	166	8.083	8.075	0.008	92	2662392	24.0	21.0	
76 4-Nitroaniline	138	8.128	8.109	0.019	78	688391	24.0	23.2	
77 4,6-Dinitro-2-methylphenol	198	8.151	8.133	0.018	85	1422606	48.0	55.4	
78 N-Nitrosodiphenylamine	169	8.198	8.191	0.007	67	1961331	24.0	21.8	
79 1,2-Diphenylhydrazine	77	8.233	8.227	0.006	90	3678306	24.0	19.6	
$ 80 2,4,6-Tribromophenol	330	8.326	8.308	0.018	93	783504	24.0	26.0	
81 4-Bromophenyl phenyl ether	248	8.556	8.552	0.004	86	1048730	24.0	24.4	
82 Hexachlorobenzene	284	8.625	8.621	0.004	93	1068350	24.0	22.9	
84 Pentachlorophenol	266	8.820	8.817	0.003	86	1317539	48.0	54.4	
85 Pentachloronitrobenzene	237	8.831	8.828	0.003	81	519466	NC	NC	
86 n-Octadecane	57	8.887	8.873	0.014	90	2388002	24.0	22.1	
* 87 Phenanthrene-d10	188	9.000	8.989	0.011	98	1218672	8.00	8.00	
88 Phenanthrene	178	9.023	9.011	0.012	93	2806549	24.0	19.5	
89 Anthracene	178	9.079	9.069	0.010	93	3210433	24.0	20.4	
90 Carbazole	167	9.228	9.219	0.009	97	2634557	24.0	19.5	
91 Di-n-butyl phthalate	149	9.562	9.555	0.007	95	3438469	24.0	17.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.182	10.179	0.003	93	3376066	24.0	20.3	
93 Benzidine	184	10.319	10.307	0.012	97	2230562	24.0	26.6	
94 Pyrene	202	10.422	10.410	0.012	93	3327430	24.0	19.4	
95 Bisphenol-A	213	10.468	10.457	0.012	0	1612285	NC	NC	
$ 96 Terphenyl-d14	244	10.570	10.560	0.010	97	2428073	24.0	18.7	
97 Butyl benzyl phthalate	149	11.101	11.098	0.003	91	1753118	24.0	21.1	
99 Carbamazepine	193	11.241	11.228	0.013	88	1472578	24.0	24.1	
100 3,3'-Dichlorobenzidine	252	11.749	11.731	0.018	96	1257151	24.0	26.5	
101 Benzo[a]anthracene	228	11.772	11.765	0.007	98	2673757	24.0	20.6	
* 102 Chrysene-d12	240	11.794	11.776	0.018	98	866948	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.806	11.799	0.007	92	2044543	24.0	22.8	
104 Chrysene	228	11.828	11.810	0.018	98	2749884	24.0	23.9	
105 Di-n-octyl phthalate	149	12.676	12.661	0.015	96	3628289	24.0	21.2	
106 Benzo[b]fluoranthene	252	13.212	13.198	0.014	96	2690658	24.0	21.6	
107 Benzo[k]fluoranthene	252	13.246	13.232	0.014	96	2906394	24.0	23.1	
108 Benzo[a]pyrene	252	13.664	13.642	0.022	96	2705184	24.0	24.6	
* 109 Perylene-d12	264	13.732	13.723	0.009	98	867705	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.309	15.281	0.028	96	2834698	24.0	29.4	
111 Dibenz(a,h)anthracene	278	15.354	15.314	0.040	99	2640272	24.0	27.8	
112 Benzo[g,h,i]perylene	276	15.757	15.722	0.035	95	2746200	24.0	25.9	
S 119 Total Cresols	1				0			20.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL8_00013 Amount Added: 1.00 Units: mL

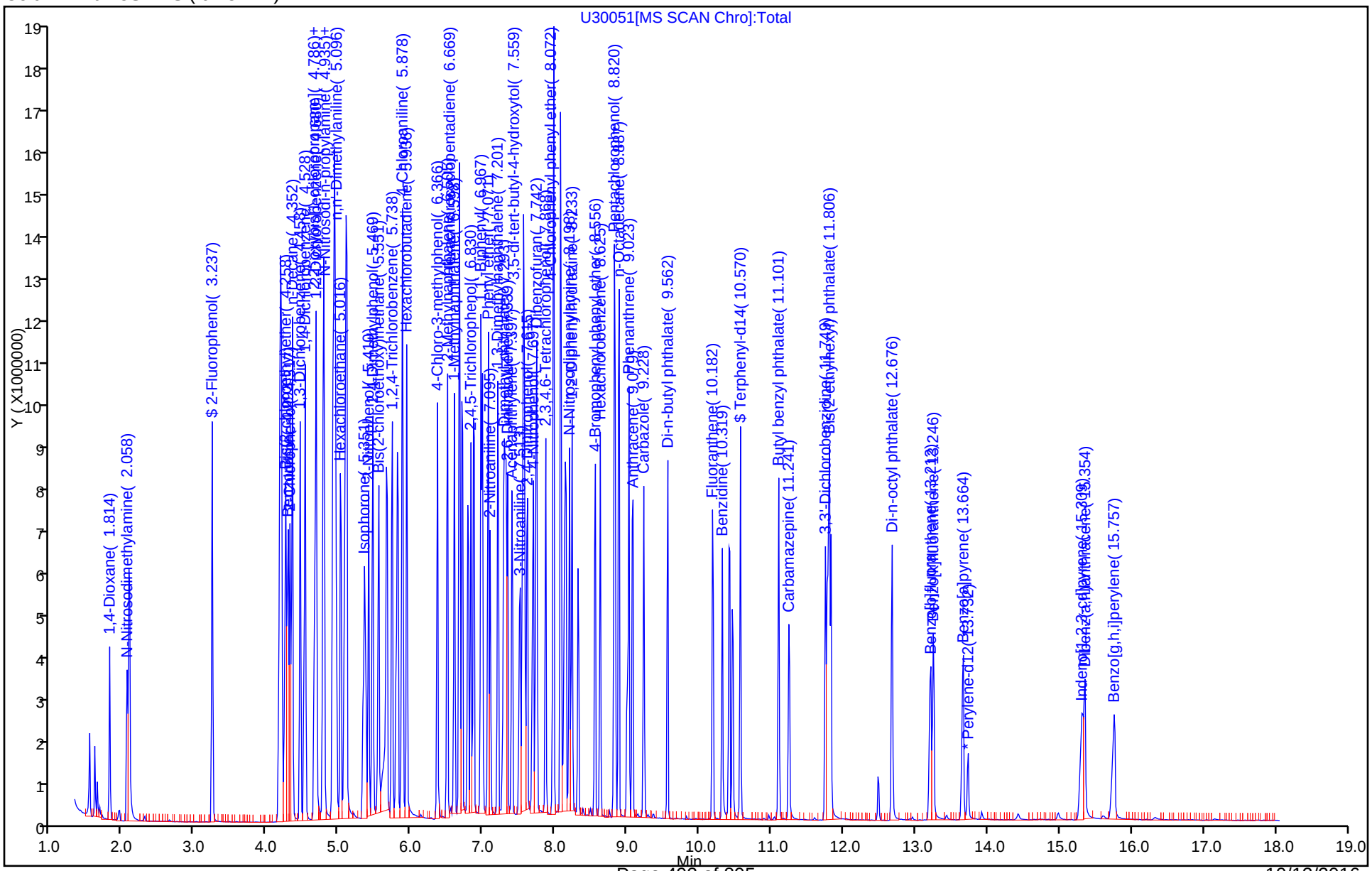
Report Date: 06-Oct-2016 22:59:25 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30051.D

Injection Date:	06-Oct-2016 11:20:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD24			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30052.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 06-Oct-2016 11:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-004
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 22:59:32 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 12:17:41

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.827	1.814	0.013	90	1076608	16.0	15.2	
	2 N-Nitrosodimethylamine	74	2.061	2.060	0.001	85	1566287	16.0	15.7	
	3 Pyridine	79	2.096	2.083	0.013	90	2189542	16.0	15.1	
$	4 2-Fluorophenol	112	3.246	3.237	0.009	93	2161989	16.0	14.5	
$	6 Phenol-d5	99	4.174	4.168	0.006	90	2948021	16.0	14.3	
	7 Phenol	94	4.186	4.180	0.006	97	2649945	16.0	13.0	
	8 Aniline	93	4.198	4.192	0.006	97	3201641	16.0	13.9	
	9 Bis(2-chloroethyl)ether	93	4.257	4.251	0.006	96	2558958	16.0	13.9	
	10 Benzonitrile	103	4.280	4.274	0.006	94	3821888	16.0	14.8	
	11 2-Chlorophenol	128	4.315	4.309	0.006	84	1330982	16.0	14.5	
	12 n-Decane	43	4.351	4.343	0.008	84	1795717	16.0	13.1	
	13 1,3-Dichlorobenzene	146	4.455	4.459	-0.004	79	1422688	16.0	14.0	
*	14 1,4-Dichlorobenzene-d4	152	4.514	4.506	0.008	90	556810	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.526	4.529	-0.003	77	1332481	16.0	14.0	
	17 Benzyl alcohol	108	4.664	4.658	0.006	91	1451218	16.0	15.4	
	18 1,2-Dichlorobenzene	146	4.688	4.682	0.006	81	1299250	16.0	13.8	
	19 2-Methylphenol	108	4.782	4.775	0.007	82	1830771	16.0	14.3	
	20 2,2'-oxybis[1-chloropropan	45	4.782	4.787	-0.005	93	2544057	16.0	13.1	
	23 N-Methylaniline	106	4.911	4.904	0.007	87	2758055	16.0	14.4	
	24 Acetophenone	105	4.923	4.916	0.007	92	2342362	16.0	13.0	
	25 N-Nitrosodi-n-propylamine	70	4.934	4.916	0.018	80	1241241	16.0	13.3	
	21 4-Methylphenol	108	4.934	4.928	0.006	90	1775402	16.0	13.7	
	26 3 & 4 Methylphenol	108	4.934	4.928	0.006	69	1775402	NC	NC	
	27 Hexachloroethane	117	5.017	5.022	-0.005	89	1022278	16.0	13.8	
$	28 Nitrobenzene-d5	82	5.076	5.068	0.008	89	2670365	16.0	14.9	
	30 n,n'-Dimethylaniline	120	5.099	5.092	0.007	83	2225068	16.0	13.1	
	29 Nitrobenzene	77	5.099	5.092	0.007	89	2533137	16.0	13.6	
	31 Isophorone	82	5.344	5.334	0.010	98	4311820	16.0	14.2	
	32 2-Nitrophenol	139	5.401	5.404	-0.003	65	757967	16.0	14.8	
	33 2,4-Dimethylphenol	122	5.460	5.461	-0.001	82	1369972	16.0	14.9	
	34 Bis(2-chloroethoxy)methane	93	5.541	5.543	-0.002	96	2561382	16.0	14.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.635	5.602	0.033	82	845679	16.0	16.7	
36 2,4-Dichlorophenol	162	5.657	5.649	0.008	86	1126426	16.0	14.1	
37 1,2,4-Trichlorobenzene	180	5.727	5.731	-0.004	90	1321962	16.0	13.3	
* 38 Naphthalene-d8	136	5.785	5.790	-0.005	95	1530545	8.00	8.00	
39 Naphthalene	128	5.808	5.813	-0.005	91	2659047	16.0	13.0	
40 4-Chloroaniline	127	5.867	5.871	-0.004	88	1486675	16.0	14.1	
41 Hexachlorobutadiene	225	5.937	5.942	-0.005	89	939922	16.0	15.1	
44 4-Chloro-3-methylphenol	107	6.358	6.360	-0.002	90	1772740	16.0	14.2	
45 2-Methylnaphthalene	142	6.498	6.500	-0.002	77	2079405	16.0	13.5	
46 1-Methylnaphthalene	142	6.601	6.592	0.009	88	1940004	16.0	13.5	
47 Hexachlorocyclopentadiene	237	6.659	6.662	-0.003	91	946419	16.0	17.9	
48 1,2,4,5-Tetrachlorobenzene	216	6.670	6.673	-0.003	91	1251389	16.0	14.3	
49 2-tertbutyl-4-methylphenol	149	6.703	6.696	0.007	81	1634435	NC	NC	
50 2,4,6-Trichlorophenol	196	6.784	6.789	-0.005	81	920424	16.0	17.5	
51 2,4,5-Trichlorophenol	196	6.818	6.825	-0.007	88	835235	16.0	14.9	
$ 52 2-Fluorobiphenyl	172	6.864	6.860	0.004	91	2517734	16.0	12.8	
53 1,1'-Biphenyl	154	6.967	6.964	0.003	98	2408222	16.0	14.0	
54 2-Chloronaphthalene	162	6.979	6.987	-0.008	89	1923985	16.0	14.2	
55 Phenyl ether	170	7.060	7.068	-0.008	85	1592231	16.0	15.2	
57 2-Nitroaniline	65	7.094	7.091	0.003	84	1217343	16.0	16.8	
58 1,3-Dimethylnaphthalene	156	7.200	7.197	0.003	87	1674309	16.0	14.6	
59 Dimethyl phthalate	163	7.281	7.267	0.014	98	2340828	16.0	14.2	
60 Coumarin	146	7.293	7.291	0.002	67	698067	16.0	14.9	
61 2,6-Dinitrotoluene	165	7.328	7.326	0.002	79	605372	16.0	14.6	
62 Acenaphthylene	152	7.397	7.396	0.001	93	2467184	16.0	13.3	
63 3-Nitroaniline	138	7.500	7.500	0.000	86	609109	16.0	15.7	
* 64 Acenaphthene-d10	164	7.536	7.534	0.002	92	955417	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.547	7.557	-0.010	97	2169994	NC	NC	
66 Acenaphthene	154	7.569	7.568	0.001	93	1788183	16.0	14.3	
67 2,4-Dinitrophenol	184	7.604	7.592	0.012	88	896625	32.0	32.7	
69 4-Nitrophenol	65	7.684	7.683	0.001	82	1208082	32.0	33.8	
70 2,4-Dinitrotoluene	165	7.729	7.718	0.011	83	816544	16.0	16.2	
71 Dibenzofuran	168	7.740	7.740	0.000	90	2642976	16.0	13.7	
72 2,3,4,6-Tetrachlorophenol	232	7.857	7.857	0.000	86	725526	16.0	16.1	
73 Diethyl phthalate	149	7.970	7.960	0.010	97	2405032	16.0	14.2	
74 4-Chlorophenyl phenyl ethe	204	8.062	8.063	-0.001	79	1290836	16.0	15.7	
75 Fluorene	166	8.074	8.075	-0.001	93	2067193	16.0	14.0	
76 4-Nitroaniline	138	8.120	8.109	0.011	79	534985	16.0	15.5	
77 4,6-Dinitro-2-methylphenol	198	8.131	8.133	-0.002	67	983398	32.0	30.9	
78 N-Nitrosodiphenylamine	169	8.189	8.191	-0.002	67	1539522	16.0	13.8	
79 1,2-Diphenylhydrazine	77	8.224	8.227	-0.003	94	2978389	16.0	12.8	
$ 80 2,4,6-Tribromophenol	330	8.317	8.308	0.009	94	617886	16.0	17.7	
81 4-Bromophenyl phenyl ether	248	8.548	8.552	-0.004	85	797106	16.0	14.9	
82 Hexachlorobenzene	284	8.617	8.621	-0.004	94	832265	16.0	14.4	
84 Pentachlorophenol	266	8.813	8.817	-0.004	89	1010786	32.0	33.7	
85 Pentachloronitrobenzene	237	8.824	8.828	-0.004	81	406978	NC	NC	
86 n-Octadecane	57	8.880	8.873	0.007	91	1936606	16.0	14.4	
* 87 Phenanthrene-d10	188	8.995	8.989	0.006	99	1511304	8.00	8.00	
88 Phenanthrene	178	9.017	9.011	0.006	97	2501656	16.0	14.0	
89 Anthracene	178	9.062	9.069	-0.007	96	2450868	16.0	12.5	
90 Carbazole	167	9.226	9.219	0.007	99	2379875	16.0	14.2	
91 Di-n-butyl phthalate	149	9.553	9.555	-0.002	96	2740762	16.0	11.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.183	10.179	0.004	94	2838418	16.0	13.8	
93 Benzidine	184	10.310	10.307	0.003	98	1680082	16.0	16.1	
94 Pyrene	202	10.414	10.410	0.004	95	2705136	16.0	14.4	
95 Bisphenol-A	213	10.458	10.457	0.002	0	1218565	NC	NC	
$ 96 Terphenyl-d14	244	10.562	10.560	0.002	98	2059451	16.0	14.5	
97 Butyl benzyl phthalate	149	11.097	11.098	-0.001	92	1369538	16.0	15.1	
99 Carbamazepine	193	11.237	11.228	0.009	89	954708	16.0	15.4	
100 3,3'-Dichlorobenzidine	252	11.740	11.731	0.009	98	862756	16.0	16.7	
101 Benzo[a]anthracene	228	11.763	11.765	-0.002	98	1982327	16.0	14.0	
* 102 Chrysene-d12	240	11.774	11.776	-0.002	99	948010	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.796	11.799	-0.003	93	1532184	16.0	15.6	
104 Chrysene	228	11.819	11.810	0.009	97	1890263	16.0	15.0	
105 Di-n-octyl phthalate	149	12.658	12.661	-0.003	96	2702484	16.0	14.3	
106 Benzo[b]fluoranthene	252	13.194	13.198	-0.004	96	2130616	16.0	15.5	
107 Benzo[k]fluoranthene	252	13.238	13.232	0.006	96	1857223	16.0	13.4	
108 Benzo[a]pyrene	252	13.644	13.642	0.002	97	1835281	16.0	15.1	
* 109 Perylene-d12	264	13.713	13.723	-0.010	98	956587	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.295	15.281	0.014	96	1966815	16.0	18.5	M
111 Dibenz(a,h)anthracene	278	15.328	15.314	0.014	96	1830051	16.0	17.5	
112 Benzo[g,h,i]perylene	276	15.736	15.722	0.014	95	2013497	16.0	17.3	
S 119 Total Cresols	1				0			14.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL7_00013 Amount Added: 1.00 Units: mL

Report Date: 06-Oct-2016 22:59:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30052.D

Injection Date: 06-Oct-2016 11:42:30 Instrument ID: CBNAMS4 Operator ID:

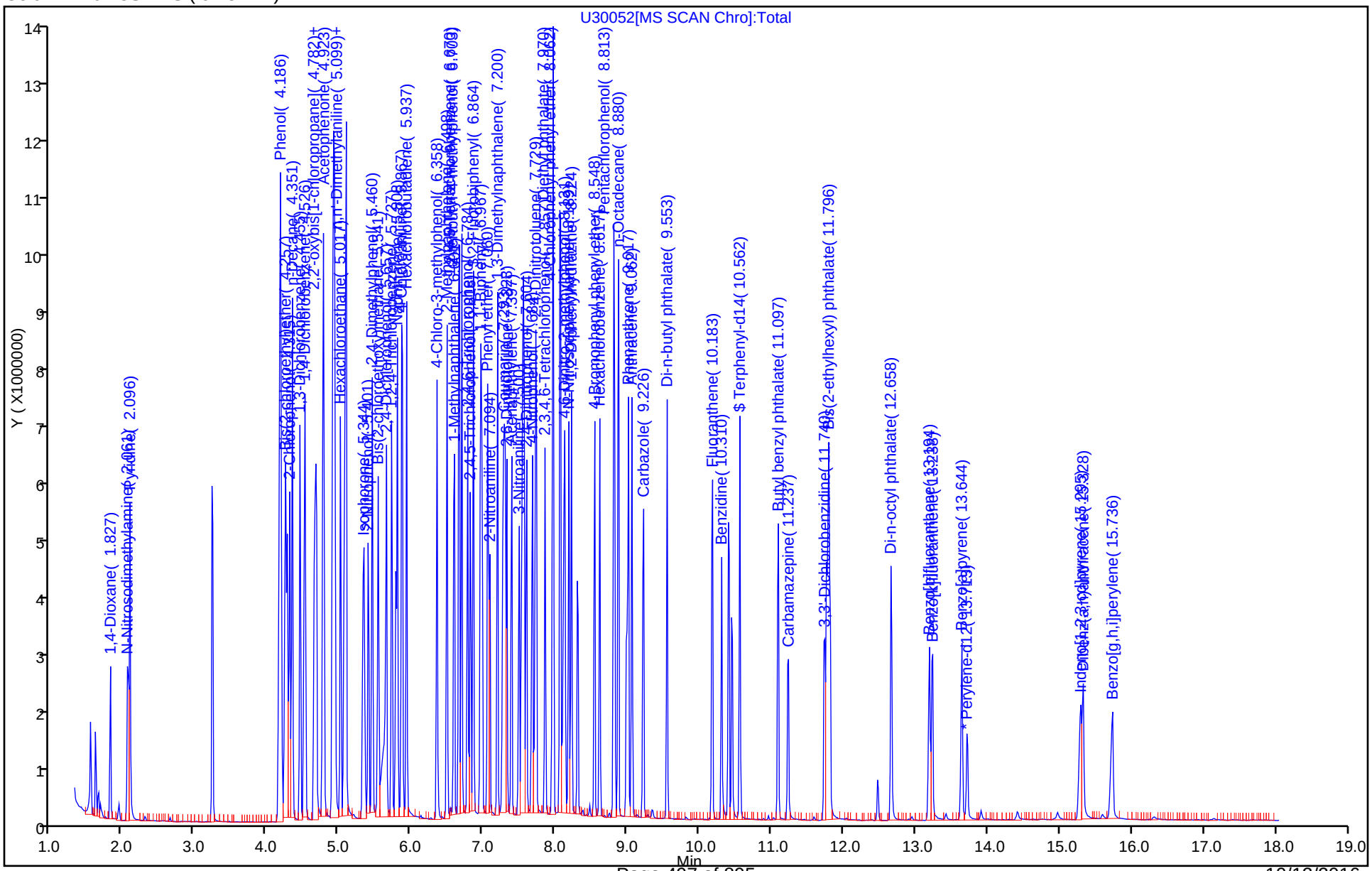
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30053.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 06-Oct-2016 12:04:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-005
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 22:59:56 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 12:39:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.829	1.814	0.015	90	286653	4.00	4.15	M
2 N-Nitrosodimethylamine	74	2.061	2.060	0.001	84	441292	4.00	4.54	
3 Pyridine	79	2.096	2.083	0.013	92	578187	4.00	4.10	
$ 4 2-Fluorophenol	112	3.233	3.237	-0.004	94	630672	4.00	4.34	
$ 6 Phenol-d5	99	4.154	4.168	-0.014	92	890174	4.00	4.45	
7 Phenol	94	4.166	4.180	-0.014	99	910599	4.00	4.59	
8 Aniline	93	4.178	4.192	-0.014	96	1009177	4.00	4.49	
9 Bis(2-chloroethyl)ether	93	4.237	4.251	-0.014	94	774271	4.00	4.34	
10 Benzonitrile	103	4.260	4.274	-0.014	97	1190321	4.00	4.74	
11 2-Chlorophenol	128	4.307	4.309	-0.002	87	384941	4.00	4.30	
12 n-Decane	43	4.342	4.343	-0.001	90	614134	4.00	4.61	
13 1,3-Dichlorobenzene	146	4.448	4.459	-0.011	81	423419	4.00	4.28	
* 14 1,4-Dichlorobenzene-d4	152	4.506	4.506	0.000	92	541712	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.529	4.529	0.000	88	412138	4.00	4.46	
17 Benzyl alcohol	108	4.646	4.658	-0.012	93	404748	4.00	4.41	
18 1,2-Dichlorobenzene	146	4.681	4.682	-0.001	85	398124	4.00	4.34	
19 2-Methylphenol	108	4.762	4.775	-0.013	92	548285	4.00	4.40	
20 2,2'-oxybis[1-chloropropan	45	4.774	4.787	-0.013	93	861793	4.00	4.57	
23 N-Methylaniline	106	4.903	4.904	-0.001	75	875657	4.00	4.70	
24 Acetophenone	105	4.903	4.916	-0.013	92	757101	4.00	4.33	M
25 N-Nitrosodi-n-propylamine	70	4.903	4.916	-0.013	74	341312	4.00	3.76	
21 4-Methylphenol	108	4.926	4.928	-0.002	91	575879	4.00	4.58	
26 3 & 4 Methylphenol	108	4.926	4.928	-0.002	80	581634	NC	NC	
27 Hexachloroethane	117	5.019	5.022	-0.003	91	314392	4.00	4.35	
$ 28 Nitrobenzene-d5	82	5.054	5.068	-0.014	88	812097	4.00	4.32	
30 n,n'-Dimethylaniline	120	5.077	5.092	-0.015	75	711448	4.00	4.29	
29 Nitrobenzene	77	5.077	5.092	-0.015	90	817816	4.00	4.21	
31 Isophorone	82	5.312	5.334	-0.022	98	1299327	4.00	4.08	
32 2-Nitrophenol	139	5.394	5.404	-0.010	64	220623	4.00	4.12	
33 2,4-Dimethylphenol	122	5.453	5.461	-0.008	82	398847	4.00	4.14	
34 Bis(2-chloroethoxy)methane	93	5.533	5.543	-0.010	94	832125	4.00	4.42	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.557	5.602	-0.045	84	163784	4.00	4.16	
36 2,4-Dichlorophenol	162	5.650	5.649	0.001	94	360380	4.00	4.33	
37 1,2,4-Trichlorobenzene	180	5.720	5.731	-0.011	90	416725	4.00	4.00	
* 38 Naphthalene-d8	136	5.778	5.790	-0.012	95	1600108	8.00	8.00	
39 Naphthalene	128	5.802	5.813	-0.011	95	925448	4.00	4.33	
40 4-Chloroaniline	127	5.861	5.871	-0.010	89	466469	4.00	4.22	
41 Hexachlorobutadiene	225	5.931	5.942	-0.011	89	270069	4.00	4.16	
44 4-Chloro-3-methylphenol	107	6.350	6.360	-0.010	90	536540	4.00	4.11	
45 2-Methylnaphthalene	142	6.489	6.500	-0.011	81	680708	4.00	4.23	
46 1-Methylnaphthalene	142	6.595	6.592	0.003	89	608037	4.00	4.05	
47 Hexachlorocyclopentadiene	237	6.652	6.662	-0.010	89	234272	4.00	4.01	
48 1,2,4,5-Tetrachlorobenzene	216	6.663	6.673	-0.010	94	394097	4.00	4.09	
49 2-tertbutyl-4-methylphenol	149	6.698	6.696	0.002	82	511500	NC	NC	
50 2,4,6-Trichlorophenol	196	6.778	6.789	-0.011	85	265040	4.00	4.56	
51 2,4,5-Trichlorophenol	196	6.813	6.825	-0.012	89	249586	4.00	4.04	
$ 52 2-Fluorobiphenyl	172	6.859	6.860	-0.001	95	862644	4.00	3.98	
53 1,1'-Biphenyl	154	6.953	6.964	-0.011	97	797668	4.00	4.20	
54 2-Chloronaphthalene	162	6.977	6.987	-0.010	93	617106	4.00	4.12	
55 Phenyl ether	170	7.057	7.068	-0.011	86	501046	4.00	4.33	
57 2-Nitroaniline	65	7.081	7.091	-0.010	86	322197	4.00	4.03	
58 1,3-Dimethylnaphthalene	156	7.186	7.197	-0.011	90	559427	4.00	4.42	
59 Dimethyl phthalate	163	7.257	7.267	-0.010	95	770071	4.00	4.24	
60 Coumarin	146	7.281	7.291	-0.010	67	220644	4.00	4.51	
61 2,6-Dinitrotoluene	165	7.316	7.326	-0.010	91	195685	4.00	4.27	
62 Acenaphthylene	152	7.386	7.396	-0.010	96	872963	4.00	4.27	
63 3-Nitroaniline	138	7.480	7.500	-0.020	86	169850	4.00	3.97	
* 64 Acenaphthene-d10	164	7.527	7.534	-0.007	92	1053816	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.539	7.557	-0.018	96	600041	NC	NC	
66 Acenaphthene	154	7.561	7.568	-0.007	94	550898	4.00	4.00	
67 2,4-Dinitrophenol	184	7.585	7.592	-0.007	93	214663	8.00	8.90	
69 4-Nitrophenol	65	7.666	7.683	-0.017	84	343563	8.00	8.71	
70 2,4-Dinitrotoluene	165	7.714	7.718	-0.004	91	252353	4.00	4.55	
71 Dibenzofuran	168	7.725	7.740	-0.015	93	911730	4.00	4.27	
72 2,3,4,6-Tetrachlorophenol	232	7.855	7.857	-0.002	92	209582	4.00	4.22	
73 Diethyl phthalate	149	7.949	7.960	-0.011	95	783927	4.00	4.20	
74 4-Chlorophenyl phenyl ethe	204	8.054	8.063	-0.009	77	367999	4.00	4.07	
75 Fluorene	166	8.066	8.075	-0.009	96	665145	4.00	4.09	
76 4-Nitroaniline	138	8.089	8.109	-0.020	86	161382	4.00	4.25	
77 4,6-Dinitro-2-methylphenol	198	8.113	8.133	-0.020	77	285231	8.00	8.17	
78 N-Nitrosodiphenylamine	169	8.181	8.191	-0.010	67	519220	4.00	4.18	
79 1,2-Diphenylhydrazine	77	8.216	8.227	-0.011	98	1160985	4.00	4.49	
$ 80 2,4,6-Tribromophenol	330	8.299	8.308	-0.009	90	165994	4.00	4.31	
81 4-Bromophenyl phenyl ether	248	8.544	8.552	-0.008	89	247311	4.00	4.17	
82 Hexachlorobenzene	284	8.614	8.621	-0.007	96	246263	4.00	3.83	
84 Pentachlorophenol	266	8.801	8.817	-0.016	88	274068	8.00	8.21	
85 Pentachloronitrobenzene	237	8.812	8.828	-0.016	81	128916	NC	NC	
86 n-Octadecane	57	8.870	8.873	-0.003	93	622038	4.00	4.17	
* 87 Phenanthrene-d10	188	8.986	8.989	-0.003	98	1680078	8.00	8.00	
88 Phenanthrene	178	9.009	9.011	-0.002	99	905307	4.00	4.57	
89 Anthracene	178	9.056	9.069	-0.013	97	944927	4.00	4.35	
90 Carbazole	167	9.208	9.219	-0.011	99	805730	4.00	4.33	
91 Di-n-butyl phthalate	149	9.546	9.555	-0.009	98	1180570	4.00	4.37	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.177	10.179	-0.002	98	984614	4.00	4.30	
93 Benzidine	184	10.304	10.307	-0.003	99	500432	4.00	4.33	
94 Pyrene	202	10.398	10.410	-0.012	96	956801	4.00	4.06	
95 Bisphenol-A	213	10.444	10.457	-0.012	0	386549	NC	NC	
$ 96 Terphenyl-d14	244	10.560	10.560	0.000	99	711238	4.00	3.99	
97 Butyl benzyl phthalate	149	11.082	11.098	-0.016	90	473809	4.00	4.15	
99 Carbamazepine	193	11.222	11.228	-0.006	89	268347	4.00	4.29	
100 3,3'-Dichlorobenzidine	252	11.723	11.731	-0.008	98	287241	4.00	4.42	
101 Benzo[a]anthracene	228	11.757	11.765	-0.008	98	684749	4.00	3.85	
* 102 Chrysene-d12	240	11.768	11.776	-0.008	99	1189987	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.790	11.799	-0.009	91	518324	4.00	4.21	
104 Chrysene	228	11.802	11.810	-0.008	98	650102	4.00	4.11	
105 Di-n-octyl phthalate	149	12.661	12.661	0.000	97	958368	4.00	4.74	
106 Benzo[b]fluoranthene	252	13.184	13.198	-0.014	96	578457	4.00	3.93	
107 Benzo[k]fluoranthene	252	13.219	13.232	-0.013	97	681317	4.00	4.59	
108 Benzo[a]pyrene	252	13.630	13.642	-0.012	97	571650	4.00	4.39	
* 109 Perylene-d12	264	13.711	13.723	-0.012	99	1025247	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.260	15.281	-0.021	97	481615	4.00	4.23	M
111 Dibenz(a,h)anthracene	278	15.305	15.314	-0.009	97	479749	4.00	4.28	
112 Benzo[g,h,i]perylene	276	15.704	15.722	-0.018	96	473429	4.00	3.79	
S 119 Total Cresols	1				0			4.40	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL5_00021 Amount Added: 1.00 Units: mL

Report Date: 06-Oct-2016 23:00:13 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30053.D

Injection Date: 06-Oct-2016 12:04:30 Instrument ID: CBNAMS4 Operator ID:

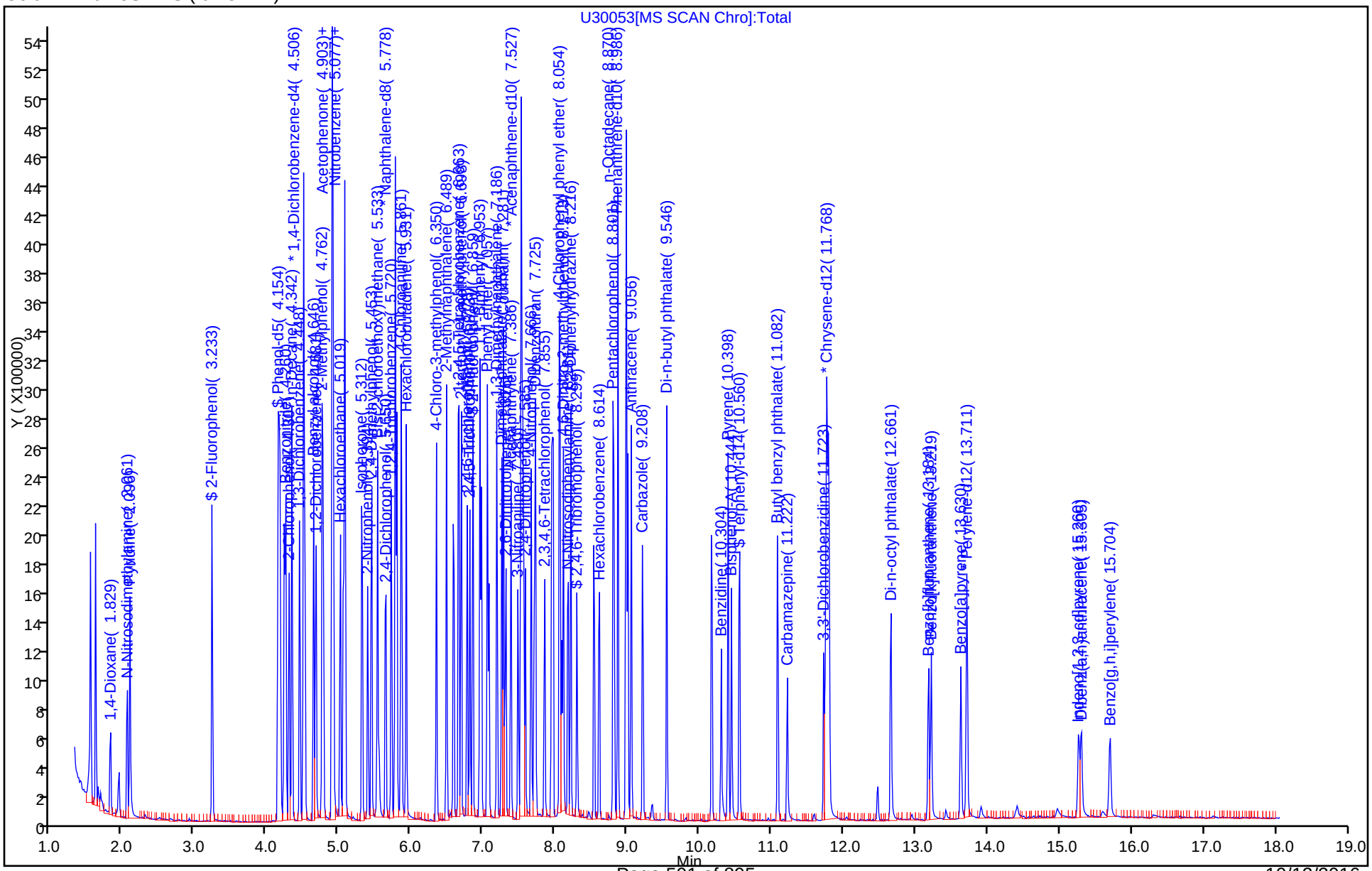
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30054.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 06-Oct-2016 12:26:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-006
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 23:01:15 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 12:45:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.827	1.814	0.013	88	162176	2.00	2.18	
2 N-Nitrosodimethylamine	74	2.060	2.060	0.000	82	201040	2.00	1.92	
3 Pyridine	79	2.095	2.083	0.012	90	369330	2.00	2.43	
$ 4 2-Fluorophenol	112	3.235	3.237	-0.002	94	362370	2.00	2.31	
$ 6 Phenol-d5	99	4.144	4.168	-0.024	88	509748	2.00	2.36	
7 Phenol	94	4.155	4.180	-0.025	97	503407	2.00	2.35	
8 Aniline	93	4.179	4.192	-0.013	98	559743	2.00	2.31	
9 Bis(2-chloroethyl)ether	93	4.237	4.251	-0.014	94	393381	2.00	2.04	M
10 Benzonitrile	103	4.249	4.274	-0.025	97	478074	2.00	1.76	
11 2-Chlorophenol	128	4.308	4.309	-0.001	85	210379	2.00	2.18	
12 n-Decane	43	4.342	4.343	-0.001	92	339777	2.00	2.36	
13 1,3-Dichlorobenzene	146	4.447	4.459	-0.012	85	250828	2.00	2.35	
* 14 1,4-Dichlorobenzene-d4	152	4.506	4.506	0.000	92	584881	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.518	4.529	-0.011	86	219669	2.00	2.20	
17 Benzyl alcohol	108	4.647	4.658	-0.011	93	221067	2.00	2.23	
18 1,2-Dichlorobenzene	146	4.682	4.682	0.000	90	232466	2.00	2.35	
19 2-Methylphenol	108	4.764	4.775	-0.011	87	304066	2.00	2.26	
20 2,2'-oxybis[1-chloropropan	45	4.776	4.787	-0.011	92	482656	2.00	2.37	
23 N-Methylaniline	106	4.892	4.904	-0.012	78	359674	2.00	1.79	
24 Acetophenone	105	4.903	4.916	-0.013	91	469940	2.00	2.49	
25 N-Nitrosodi-n-propylamine	70	4.903	4.916	-0.013	77	218648	2.00	2.23	
21 4-Methylphenol	108	4.915	4.928	-0.013	88	306091	2.00	2.25	
26 3 & 4 Methylphenol	108	4.915	4.928	-0.013	80	311310	NC	NC	
27 Hexachloroethane	117	5.009	5.022	-0.013	90	168453	2.00	2.16	
$ 28 Nitrobenzene-d5	82	5.056	5.068	-0.012	87	444992	2.00	2.26	
30 n,n'-Dimethylaniline	120	5.079	5.092	-0.013	76	289332	2.00	1.62	
29 Nitrobenzene	77	5.079	5.092	-0.013	92	427978	2.00	2.10	
31 Isophorone	82	5.311	5.334	-0.023	99	756839	2.00	2.27	
32 2-Nitrophenol	139	5.393	5.404	-0.011	69	130117	2.00	2.32	
33 2,4-Dimethylphenol	122	5.450	5.461	-0.011	84	228787	2.00	2.26	
34 Bis(2-chloroethoxy)methane	93	5.532	5.543	-0.011	95	452043	2.00	2.29	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.532	5.602	-0.070	31	49904	2.00	1.92	
36 2,4-Dichlorophenol	162	5.637	5.649	-0.012	87	194731	2.00	2.23	
37 1,2,4-Trichlorobenzene	180	5.720	5.731	-0.011	91	233636	2.00	2.14	
* 38 Naphthalene-d8	136	5.778	5.790	-0.012	95	1678269	8.00	8.00	
39 Naphthalene	128	5.801	5.813	-0.012	96	558695	2.00	2.49	
40 4-Chloroaniline	127	5.860	5.871	-0.011	90	271452	2.00	2.34	
41 Hexachlorobutadiene	225	5.930	5.942	-0.012	90	156565	2.00	2.30	
44 4-Chloro-3-methylphenol	107	6.348	6.360	-0.012	90	322423	2.00	2.35	
45 2-Methylnaphthalene	142	6.487	6.500	-0.013	80	390353	2.00	2.31	
46 1-Methylnaphthalene	142	6.591	6.592	-0.001	89	355967	2.00	2.26	
47 Hexachlorocyclopentadiene	237	6.650	6.662	-0.012	88	113013	2.00	1.78	
48 1,2,4,5-Tetrachlorobenzene	216	6.662	6.673	-0.011	96	222714	2.00	2.13	
49 2-tertbutyl-4-methylphenol	149	6.696	6.696	0.000	83	220935	NC	NC	
50 2,4,6-Trichlorophenol	196	6.779	6.789	-0.010	87	138117	2.00	2.19	
51 2,4,5-Trichlorophenol	196	6.814	6.825	-0.011	90	139617	2.00	2.08	
$ 52 2-Fluorobiphenyl	172	6.849	6.860	-0.011	97	510039	2.00	2.17	
53 1,1'-Biphenyl	154	6.955	6.964	-0.009	96	485809	2.00	2.36	
54 2-Chloronaphthalene	162	6.967	6.987	-0.020	93	364969	2.00	2.25	
55 Phenyl ether	170	7.060	7.068	-0.008	86	206475	2.00	1.65	
57 2-Nitroaniline	65	7.071	7.091	-0.020	84	163893	2.00	1.89	
58 1,3-Dimethylnaphthalene	156	7.189	7.197	-0.008	89	253113	2.00	1.85	
59 Dimethyl phthalate	163	7.259	7.267	-0.008	97	445138	2.00	2.26	
60 Coumarin	146	7.283	7.291	-0.008	69	92178	2.00	1.80	
61 2,6-Dinitrotoluene	165	7.306	7.326	-0.020	79	109928	2.00	2.21	
62 Acenaphthylene	152	7.377	7.396	-0.019	96	500463	2.00	2.26	
63 3-Nitroaniline	138	7.482	7.500	-0.018	86	101659	2.00	2.19	
* 64 Acenaphthene-d10	164	7.529	7.534	-0.005	92	1142288	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.541	7.557	-0.016	97	263336	NC	NC	
66 Acenaphthene	154	7.553	7.568	-0.015	94	373556	2.00	2.50	
67 2,4-Dinitrophenol	184	7.576	7.592	-0.016	46	90839	4.00	4.04	
69 4-Nitrophenol	65	7.659	7.683	-0.024	84	160463	4.00	3.75	
70 2,4-Dinitrotoluene	165	7.704	7.718	-0.014	82	133373	2.00	2.22	
71 Dibenzofuran	168	7.727	7.740	-0.013	94	544979	2.00	2.36	
72 2,3,4,6-Tetrachlorophenol	232	7.855	7.857	-0.002	93	110468	2.00	2.05	
73 Diethyl phthalate	149	7.949	7.960	-0.011	97	475085	2.00	2.35	
74 4-Chlorophenyl phenyl ethe	204	8.054	8.063	-0.009	76	215775	2.00	2.20	
75 Fluorene	166	8.065	8.075	-0.010	94	408869	2.00	2.32	
76 4-Nitroaniline	138	8.077	8.109	-0.032	84	85566	2.00	2.08	
77 4,6-Dinitro-2-methylphenol	198	8.112	8.133	-0.021	84	140919	4.00	3.77	
78 N-Nitrosodiphenylamine	169	8.170	8.191	-0.021	68	300836	2.00	2.22	
79 1,2-Diphenylhydrazine	77	8.218	8.227	-0.009	99	629357	2.00	2.23	
$ 80 2,4,6-Tribromophenol	330	8.300	8.308	-0.008	90	96950	2.00	2.32	
81 4-Bromophenyl phenyl ether	248	8.544	8.552	-0.008	88	125245	2.00	1.93	
82 Hexachlorobenzene	284	8.614	8.621	-0.007	93	144917	2.00	2.06	
84 Pentachlorophenol	266	8.799	8.817	-0.018	85	137040	4.00	3.76	
85 Pentachloronitrobenzene	237	8.810	8.828	-0.018	82	51619	NC	NC	
86 n-Octadecane	57	8.868	8.873	-0.005	95	351450	2.00	2.16	
* 87 Phenanthrene-d10	188	8.985	8.989	-0.004	98	1835443	8.00	8.00	
88 Phenanthrene	178	9.008	9.011	-0.003	98	485548	2.00	2.24	
89 Anthracene	178	9.055	9.069	-0.014	98	561371	2.00	2.37	
90 Carbazole	167	9.207	9.219	-0.012	99	458853	2.00	2.26	
91 Di-n-butyl phthalate	149	9.547	9.555	-0.008	99	745202	2.00	2.53	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.174	10.179	-0.005	98	575638	2.00	2.30	
93 Benzidine	184	10.302	10.307	-0.005	99	272565	2.00	2.16	
94 Pyrene	202	10.394	10.410	-0.016	96	536384	2.00	2.40	
95 Bisphenol-A	213	10.442	10.457	-0.014	0	183000	NC	NC	
$ 96 Terphenyl-d14	244	10.558	10.560	-0.002	99	386379	2.00	2.28	
97 Butyl benzyl phthalate	149	11.081	11.098	-0.017	91	229659	2.00	2.12	
99 Carbamazepine	193	11.220	11.228	-0.008	89	52912	2.00	1.48	
100 3,3'-Dichlorobenzidine	252	11.724	11.731	-0.007	98	149801	2.00	2.43	
101 Benzo[a]anthracene	228	11.758	11.765	-0.007	98	365848	2.00	2.17	
* 102 Chrysene-d12	240	11.770	11.776	-0.006	98	1129621	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.792	11.799	-0.007	91	271649	2.00	2.33	
104 Chrysene	228	11.803	11.810	-0.007	98	324952	2.00	2.17	
105 Di-n-octyl phthalate	149	12.657	12.661	-0.004	97	447743	2.00	2.18	
106 Benzo[b]fluoranthene	252	13.179	13.198	-0.019	97	342643	2.00	2.30	
107 Benzo[k]fluoranthene	252	13.214	13.232	-0.018	98	316017	2.00	2.10	
108 Benzo[a]pyrene	252	13.634	13.642	-0.008	97	280205	2.00	2.13	
* 109 Perylene-d12	264	13.716	13.723	-0.007	98	1038613	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.260	15.281	-0.021	96	230882	2.00	2.00	M
111 Dibenz(a,h)anthracene	278	15.295	15.314	-0.019	96	243190	2.00	2.14	
112 Benzo[g,h,i]perylene	276	15.699	15.722	-0.023	96	259736	2.00	2.05	
S 119 Total Cresols	1				0			2.26	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL4_00034 Amount Added: 1.00 Units: mL

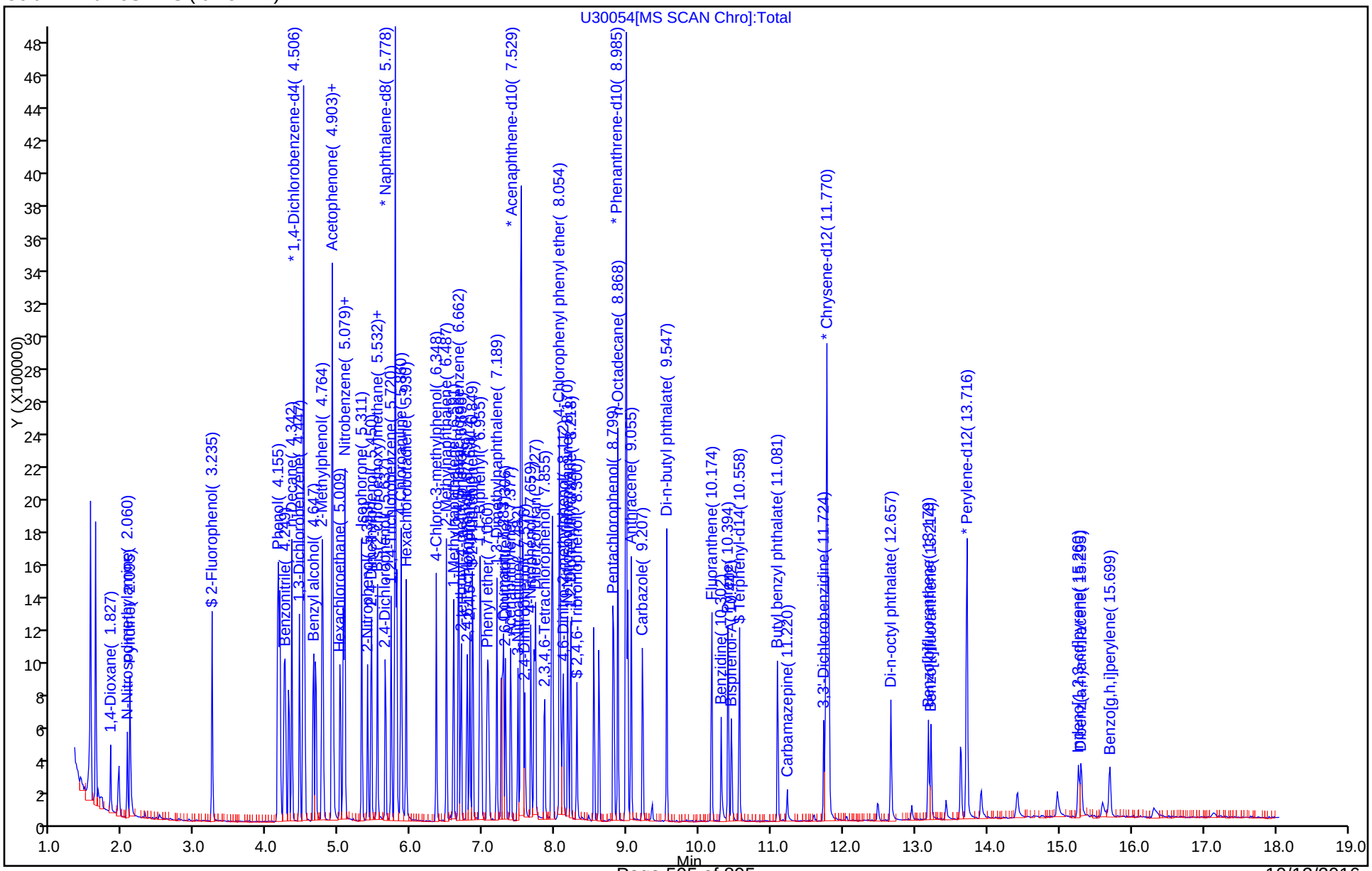
Report Date: 06-Oct-2016 23:01:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30054.D

Injection Date:	06-Oct-2016 12:26:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30055.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 06-Oct-2016 12:48:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-007
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 23:01:47 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 13:09:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.825	1.814	0.011	90	83043	1.00	1.07	M
2 N-Nitrosodimethylamine	74	2.057	2.060	-0.003	82	105684	1.00	0.9637	
3 Pyridine	79	2.104	2.083	0.021	93	138017	1.00	0.8679	
$ 4 2-Fluorophenol	112	3.235	3.237	-0.002	94	174389	1.00	1.06	
$ 6 Phenol-d5	99	4.145	4.168	-0.023	91	243150	1.00	1.08	
7 Phenol	94	4.157	4.180	-0.023	98	263407	1.00	1.18	
8 Aniline	93	4.179	4.192	-0.013	96	293810	1.00	1.16	
9 Bis(2-chloroethyl)ether	93	4.238	4.251	-0.013	94	200883	1.00	1.00	
10 Benzonitrile	103	4.250	4.274	-0.024	97	330136	1.00	1.17	
11 2-Chlorophenol	128	4.307	4.309	-0.002	88	115749	1.00	1.15	
12 n-Decane	43	4.342	4.343	-0.001	91	175093	1.00	1.17	
13 1,3-Dichlorobenzene	146	4.447	4.459	-0.012	85	127495	1.00	1.14	
* 14 1,4-Dichlorobenzene-d4	152	4.506	4.506	0.000	94	611352	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.517	4.529	-0.012	85	117956	1.00	1.13	
17 Benzyl alcohol	108	4.646	4.658	-0.012	92	98244	1.00	0.9484	
18 1,2-Dichlorobenzene	146	4.680	4.682	-0.002	86	121884	1.00	1.18	
19 2-Methylphenol	108	4.762	4.775	-0.013	88	154715	1.00	1.10	
20 2,2'-oxybis[1-chloropropan	45	4.773	4.787	-0.014	93	252370	1.00	1.19	
23 N-Methylaniline	106	4.902	4.904	-0.002	63	257220	1.00	1.22	
24 Acetophenone	105	4.902	4.916	-0.014	92	247768	1.00	1.26	
25 N-Nitrosodi-n-propylamine	70	4.902	4.916	-0.014	76	105697	1.00	1.03	
21 4-Methylphenol	108	4.913	4.928	-0.015	92	160146	1.00	1.13	
26 3 & 4 Methylphenol	108	4.913	4.928	-0.015	85	163417	NC	NC	
27 Hexachloroethane	117	5.019	5.022	-0.003	90	87399	1.00	1.07	
$ 28 Nitrobenzene-d5	82	5.054	5.068	-0.014	87	229177	1.00	1.10	
30 n,n'-Dimethylaniline	120	5.078	5.092	-0.014	82	221112	1.00	1.18	
29 Nitrobenzene	77	5.078	5.092	-0.014	89	237903	1.00	1.11	
31 Isophorone	82	5.311	5.334	-0.023	99	387705	1.00	1.10	
32 2-Nitrophenol	139	5.393	5.404	-0.011	74	63068	1.00	1.07	
33 2,4-Dimethylphenol	122	5.440	5.461	-0.021	83	116685	1.00	1.10	
34 Bis(2-chloroethoxy)methane	93	5.534	5.543	-0.009	93	231381	1.00	1.11	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.510	5.602	-0.092	40	9869	1.00	1.16	
36 2,4-Dichlorophenol	162	5.639	5.649	-0.010	88	103052	1.00	1.12	
37 1,2,4-Trichlorobenzene	180	5.720	5.731	-0.011	93	125798	1.00	1.09	
* 38 Naphthalene-d8	136	5.779	5.790	-0.011	96	1768140	8.00	8.00	
39 Naphthalene	128	5.802	5.813	-0.011	97	279218	1.00	1.18	
40 4-Chloroaniline	127	5.861	5.871	-0.010	83	140453	1.00	1.15	
41 Hexachlorobutadiene	225	5.931	5.942	-0.011	91	75648	1.00	1.06	
44 4-Chloro-3-methylphenol	107	6.348	6.360	-0.012	91	169980	1.00	1.18	
45 2-Methylnaphthalene	142	6.489	6.500	-0.011	80	219338	1.00	1.23	
46 1-Methylnaphthalene	142	6.591	6.592	-0.001	89	197520	1.00	1.19	
47 Hexachlorocyclopentadiene	237	6.650	6.662	-0.012	86	53043	1.00	0.7799	
48 1,2,4,5-Tetrachlorobenzene	216	6.662	6.673	-0.011	96	119102	1.00	1.06	
49 2-tertbutyl-4-methylphenol	149	6.697	6.696	0.001	83	155195	NC	NC	
50 2,4,6-Trichlorophenol	196	6.779	6.789	-0.010	85	61658	1.00	0.9115	
51 2,4,5-Trichlorophenol	196	6.814	6.825	-0.011	91	73544	1.00	1.02	
$ 52 2-Fluorobiphenyl	172	6.848	6.860	-0.012	97	287885	1.00	1.14	
53 1,1'-Biphenyl	154	6.952	6.964	-0.012	96	261448	1.00	1.18	
54 2-Chloronaphthalene	162	6.976	6.987	-0.011	95	197372	1.00	1.13	
55 Phenyl ether	170	7.056	7.068	-0.012	88	154015	1.00	1.14	
57 2-Nitroaniline	65	7.068	7.091	-0.023	89	86473	1.00	0.9296	
58 1,3-Dimethylnaphthalene	156	7.185	7.197	-0.012	87	164293	1.00	1.12	
59 Dimethyl phthalate	163	7.256	7.267	-0.011	97	241015	1.00	1.14	
60 Coumarin	146	7.279	7.291	-0.012	68	65137	1.00	1.20	
61 2,6-Dinitrotoluene	165	7.314	7.326	-0.012	93	55419	1.00	1.04	
62 Acenaphthylene	152	7.385	7.396	-0.011	96	278992	1.00	1.17	
63 3-Nitroaniline	138	7.477	7.500	-0.023	90	47850	1.00	0.9609	
* 64 Acenaphthene-d10	164	7.524	7.534	-0.010	91	1225948	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.536	7.557	-0.021	96	180310	NC	NC	
66 Acenaphthene	154	7.559	7.568	-0.009	94	168445	1.00	1.05	
67 2,4-Dinitrophenol	184	7.583	7.592	-0.009	89	26394	2.00	1.64	
69 4-Nitrophenol	65	7.665	7.683	-0.018	84	65583	2.00	1.43	
70 2,4-Dinitrotoluene	165	7.700	7.718	-0.018	82	68324	1.00	1.06	
71 Dibenzofuran	168	7.724	7.740	-0.016	95	291773	1.00	1.18	
72 2,3,4,6-Tetrachlorophenol	232	7.852	7.857	-0.005	94	50826	1.00	0.8801	
73 Diethyl phthalate	149	7.945	7.960	-0.015	96	253140	1.00	1.17	
74 4-Chlorophenyl phenyl ethe	204	8.062	8.063	-0.001	74	103696	1.00	0.9857	
75 Fluorene	166	8.062	8.075	-0.013	95	219965	1.00	1.16	
76 4-Nitroaniline	138	8.086	8.109	-0.023	83	42742	1.00	0.9671	
77 4,6-Dinitro-2-methylphenol	198	8.110	8.133	-0.023	85	56672	2.00	1.55	
78 N-Nitrosodiphenylamine	169	8.168	8.191	-0.023	67	156318	1.00	1.11	
79 1,2-Diphenylhydrazine	77	8.215	8.227	-0.012	99	336528	1.00	1.16	
$ 80 2,4,6-Tribromophenol	330	8.297	8.308	-0.011	91	44105	1.00	0.9845	
81 4-Bromophenyl phenyl ether	248	8.542	8.552	-0.010	87	71787	1.00	1.07	
82 Hexachlorobenzene	284	8.612	8.621	-0.009	97	74827	1.00	1.03	
84 Pentachlorophenol	266	8.799	8.817	-0.018	81	56234	2.00	1.49	
85 Pentachloronitrobenzene	237	8.810	8.828	-0.018	80	31667	NC	NC	
86 n-Octadecane	57	8.868	8.873	-0.005	94	186166	1.00	1.11	
* 87 Phenanthrene-d10	188	8.984	8.989	-0.005	98	1894972	8.00	8.00	
88 Phenanthrene	178	9.007	9.011	-0.004	98	261327	1.00	1.17	
89 Anthracene	178	9.054	9.069	-0.015	98	293879	1.00	1.20	
90 Carbazole	167	9.206	9.219	-0.013	98	242750	1.00	1.16	
91 Di-n-butyl phthalate	149	9.546	9.555	-0.009	99	415730	1.00	1.36	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.165	10.179	-0.014	97	294181	1.00	1.14	
93 Benzidine	184	10.304	10.307	-0.003	98	96876	1.00	0.7424	
94 Pyrene	202	10.396	10.410	-0.014	97	294705	1.00	1.15	
95 Bisphenol-A	213	10.442	10.457	-0.014	0	85431	NC	NC	
$ 96 Terphenyl-d14	244	10.560	10.560	0.000	98	197163	1.00	1.02	
97 Butyl benzyl phthalate	149	11.084	11.098	-0.014	92	130037	1.00	1.05	
99 Carbamazepine	193	11.224	11.228	-0.004	90	30708	1.00	1.11	
100 3,3'-Dichlorobenzidine	252	11.727	11.731	-0.004	96	56699	1.00	0.8023	
101 Benzo[a]anthracene	228	11.751	11.765	-0.014	98	197883	1.00	1.02	
* 102 Chrysene-d12	240	11.773	11.776	-0.003	99	1293701	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.784	11.799	-0.015	90	134852	1.00	1.01	
104 Chrysene	228	11.796	11.810	-0.014	99	156590	1.00	0.9114	
105 Di-n-octyl phthalate	149	12.660	12.661	-0.001	91	221246	1.00	1.01	
106 Benzo[b]fluoranthene	252	13.172	13.198	-0.026	99	156635	1.00	0.9810	
107 Benzo[k]fluoranthene	252	13.219	13.232	-0.013	98	168205	1.00	1.04	
108 Benzo[a]pyrene	252	13.628	13.642	-0.014	97	141750	1.00	1.00	
* 109 Perylene-d12	264	13.709	13.723	-0.014	99	1113610	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.258	15.281	-0.023	97	121731	1.00	0.9844	M
111 Dibenz(a,h)anthracene	278	15.293	15.314	-0.021	94	118213	1.00	0.9710	
112 Benzo[g,h,i]perylene	276	15.691	15.722	-0.032	96	124717	1.00	0.9182	
S 119 Total Cresols	1				0			1.10	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00030 Amount Added: 1.00 Units: mL

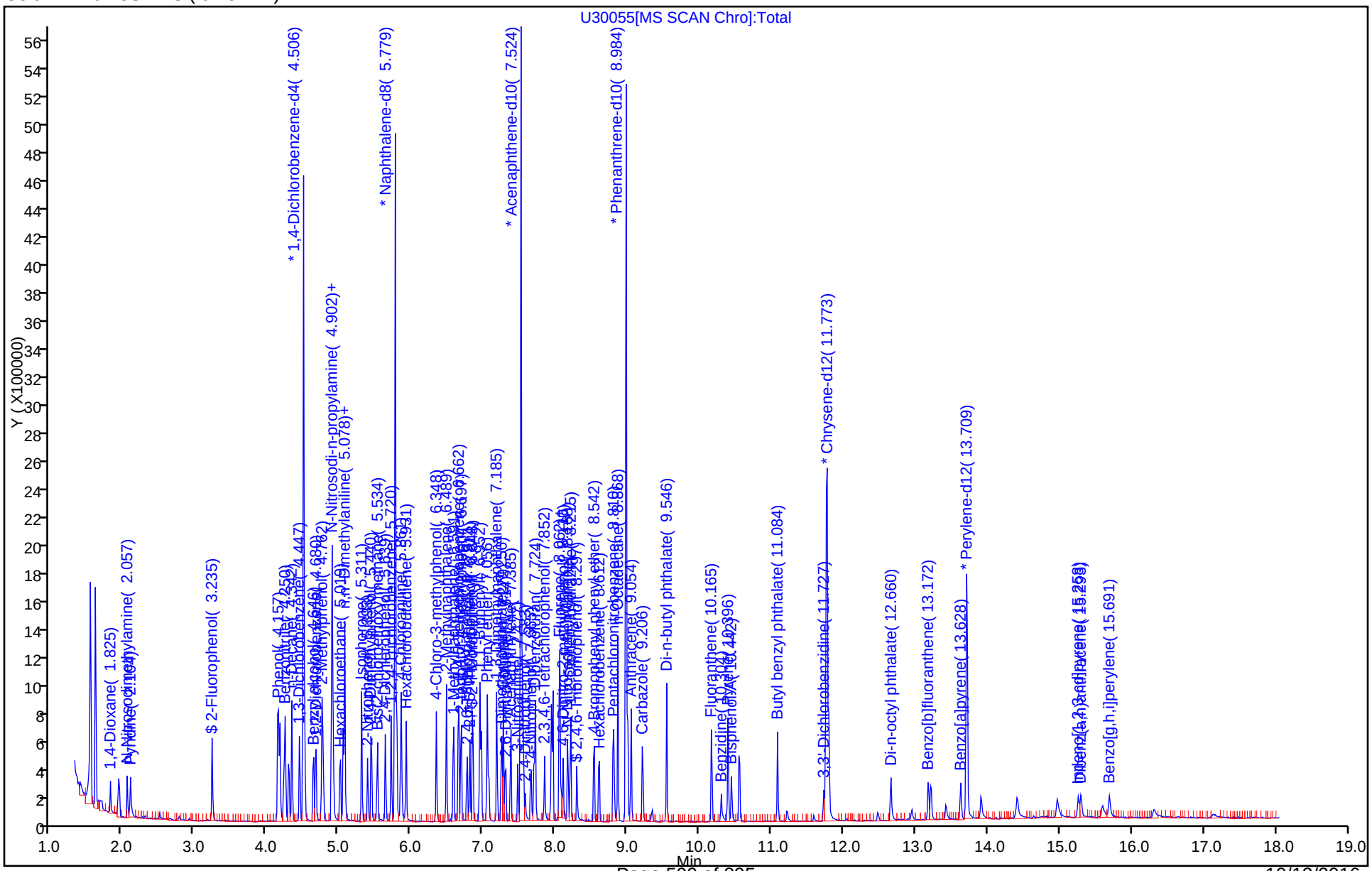
Report Date: 06-Oct-2016 23:02:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30055.D

Injection Date:	06-Oct-2016 12:48:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30056.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 06-Oct-2016 13:10:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-008
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 23:02:32 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 13:32:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.238	3.237	0.001	96	38881	0.2000	0.2155	
$ 6 Phenol-d5	99	4.144	4.168	-0.024	87	49542	0.2000	0.1993	
9 Bis(2-chloroethyl)ether	93	4.238	4.251	-0.013	97	44744	0.2000	0.2017	
* 14 1,4-Dichlorobenzene-d4	152	4.505	4.506	-0.001	94	673163	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.902	4.916	-0.014	75	25363	0.2000	0.2247	
27 Hexachloroethane	117	5.019	5.022	-0.003	87	19225	0.2000	0.2140	
$ 28 Nitrobenzene-d5	82	5.054	5.068	-0.014	87	47457	0.2000	0.2072	
30 n,n'-Dimethylaniline	120	5.078	5.092	-0.014	83	51943	0.2000	0.2523	
29 Nitrobenzene	77	5.078	5.092	-0.014	90	53904	0.2000	0.2278	
31 Isophorone	82	5.312	5.334	-0.022	99	85074	0.2000	0.2194	
37 1,2,4-Trichlorobenzene	180	5.721	5.731	-0.010	92	26894	0.2000	0.2119	
* 38 Naphthalene-d8	136	5.780	5.790	-0.010	96	1949163	8.00	8.00	
41 Hexachlorobutadiene	225	5.930	5.942	-0.012	91	16038	0.2000	0.2029	
46 1-Methylnaphthalene	142	6.590	6.592	-0.002	85	45763	0.2000	0.2505	
50 2,4,6-Trichlorophenol	196	6.776	6.789	-0.013	74	9412	0.2000	0.1304	
$ 52 2-Fluorobiphenyl	172	6.857	6.860	-0.003	88	61962	0.2000	0.2302	
61 2,6-Dinitrotoluene	165	7.311	7.326	-0.015	89	11128	0.2000	0.1956	
* 64 Acenaphthene-d10	164	7.522	7.534	-0.012	91	1307831	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.709	7.718	-0.009	71	10391	0.2000	0.1508	
77 4,6-Dinitro-2-methylphenol	198	8.106	8.133	-0.027	56	4580	0.4000	0.2445	
$ 80 2,4,6-Tribromophenol	330	8.305	8.308	-0.003	85	5702	0.2000	0.1193	
82 Hexachlorobenzene	284	8.609	8.621	-0.012	94	15901	0.2000	0.2090	
* 87 Phenanthrene-d10	188	8.982	8.989	-0.007	98	1987310	8.00	8.00	
$ 96 Terphenyl-d14	244	10.553	10.560	-0.007	97	44747	0.2000	0.2262	
100 3,3'-Dichlorobenzidine	252	11.726	11.731	-0.005	54	9265	0.2000	0.1286	
101 Benzo[a]anthracene	228	11.761	11.765	-0.004	97	43387	0.2000	0.2199	
* 102 Chrysene-d12	240	11.772	11.776	-0.004	99	1319050	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.795	11.799	-0.004	65	23498	0.2000	0.1723	
104 Chrysene	228	11.795	11.810	-0.015	98	38187	0.2000	0.2180	
106 Benzo[b]fluoranthene	252	13.178	13.198	-0.020	98	34667	0.2000	0.2147	
107 Benzo[k]fluoranthene	252	13.213	13.232	-0.019	97	31965	0.2000	0.1962	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.633	13.642	-0.009	98	25605	0.2000	0.1792	
* 109 Perylene-d12	264	13.713	13.723	-0.010	99	1126057	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.261	15.281	-0.020	79	19027	0.2000	0.1522	M
111 Dibenz(a,h)anthracene	278	15.296	15.314	-0.018	94	19664	0.2000	0.1597	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00025 Amount Added: 1.00 Units: mL

Report Date: 06-Oct-2016 23:02:42 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30056.D

Injection Date: 06-Oct-2016 13:10:30 Instrument ID: CBNAMS4 Operator ID:

Lims ID: STD02 Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_R4 Limit Group: SV 625 ICAL

Column: Rtxi-5Sil MS (0.25 mm)

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30057.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-Oct-2016 13:38:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046519-009
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 23:02:50 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 13:56:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.233	4.251	-0.018	93	28980	0.1000	0.1301	
* 14 1,4-Dichlorobenzene-d4	152	4.501	4.506	-0.005	94	675689	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.908	4.916	-0.008	74	14958	0.1000	0.1321	
27 Hexachloroethane	117	5.012	5.022	-0.010	82	9792	0.1000	0.1086	
$ 28 Nitrobenzene-d5	82	5.059	5.068	-0.009	87	21733	0.1000	0.0935	
30 n,n'-Dimethylaniline	120	5.082	5.092	-0.010	88	25880	0.1000	0.1253	
29 Nitrobenzene	77	5.082	5.092	-0.010	88	27656	0.1000	0.1152	
37 1,2,4-Trichlorobenzene	180	5.726	5.731	-0.005	91	16648	0.1000	0.1292	
* 38 Naphthalene-d8	136	5.784	5.790	-0.006	98	1977909	8.00	8.00	
41 Hexachlorobutadiene	225	5.936	5.942	-0.006	89	7839	0.1000	0.0977	
$ 52 2-Fluorobiphenyl	172	6.853	6.860	-0.007	94	32356	0.1000	0.1159	
* 64 Acenaphthene-d10	164	7.531	7.534	-0.003	90	1356541	8.00	8.00	
82 Hexachlorobenzene	284	8.610	8.621	-0.011	92	9820	0.1000	0.1109	
* 87 Phenanthrene-d10	188	8.991	8.989	0.002	98	2312035	8.00	8.00	
$ 96 Terphenyl-d14	244	10.559	10.560	-0.001	98	24855	0.1000	0.1162	
101 Benzo[a]anthracene	228	11.762	11.765	-0.003	96	25459	0.1000	0.1193	
* 102 Chrysene-d12	240	11.773	11.776	-0.003	99	1427116	8.00	8.00	
106 Benzo[b]fluoranthene	252	13.184	13.198	-0.014	93	17995	0.1000	0.1015	
107 Benzo[k]fluoranthene	252	13.219	13.232	-0.013	93	18720	0.1000	0.1046	
108 Benzo[a]pyrene	252	13.640	13.642	-0.002	96	15581	0.1000	0.0993	
* 109 Perylene-d12	264	13.722	13.723	-0.001	98	1236326	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.268	15.281	-0.013	51	10441	0.1000	0.0760	M
111 Dibenz(a,h)anthracene	278	15.303	15.314	-0.011	95	11520	0.1000	0.0852	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00023 Amount Added: 1.00 Units: mL

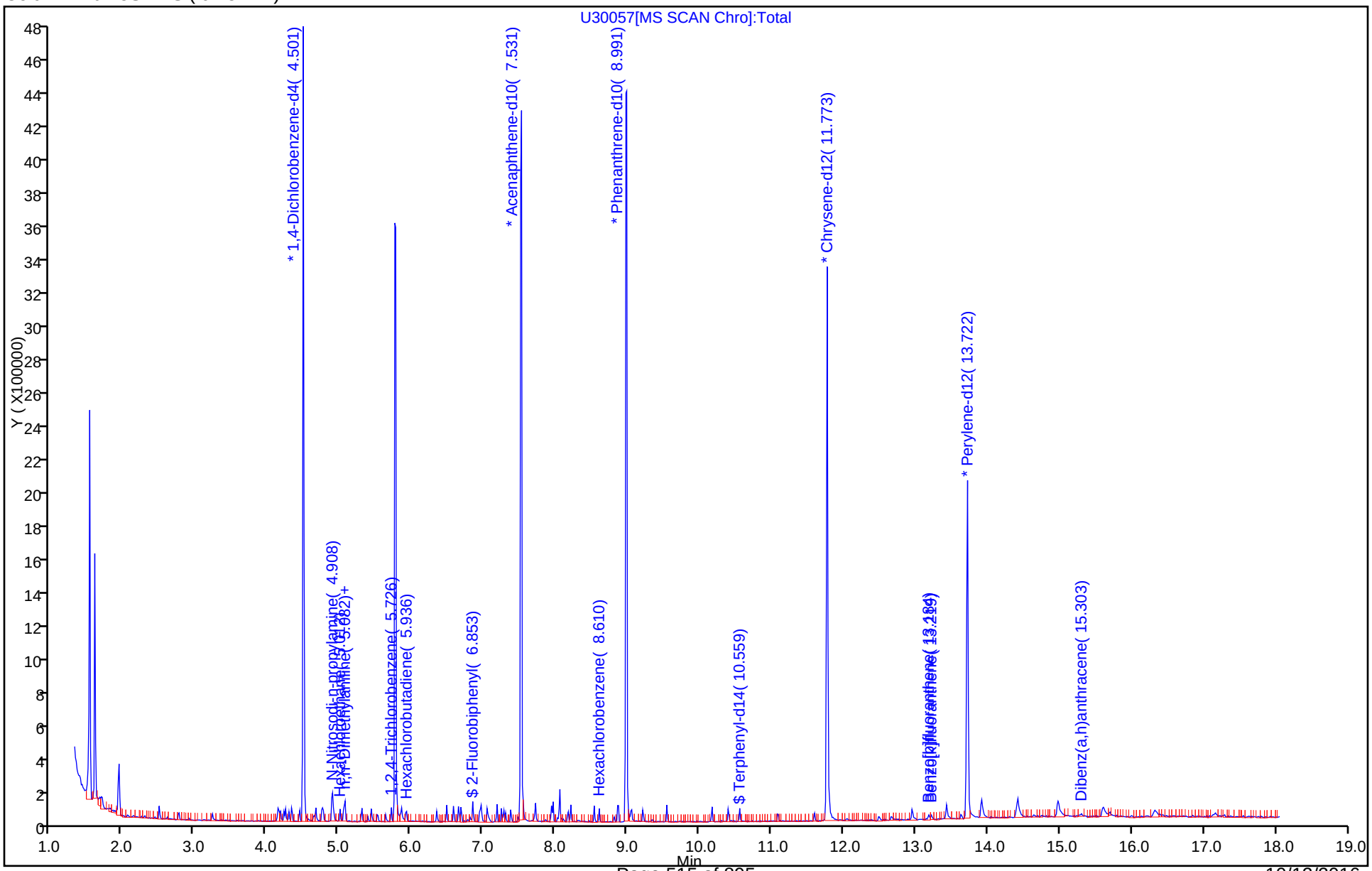
Report Date: 06-Oct-2016 23:02:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30057.D

Injection Date:	06-Oct-2016 13:38:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-396356/2 Calibration Date: 10/11/2016 02:53

Instrument ID: CBNAMS4 Calib Start Date: 10/06/2016 10:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/06/2016 13:38

Lab File ID: U30332A.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	1.019	1.061		10400	10000	4.1	20.0
N-Nitrosodimethylamine	Ave	1.435	1.438		10000	10000	0.2	20.0
Pyridine	Ave	2.081	2.389		11500	10000	14.8	20.0
Aniline	Ave	3.321	3.356		10100	10000	1.0	20.0
Bis(2-chloroethyl)ether	Ave	2.637	2.343		8880	10000	-11.2	20.0
Phenol	Ave	2.933	2.828		9640	10000	-3.6	20.0
Benzonitrile	Ave	3.706	3.457		9330	10000	-6.7	20.0
2-Chlorophenol	Ave	1.322	1.232		9320	10000	-6.8	20.0
Decane	Ave	1.966	1.760		8950	10000	-10.5	20.0
1,3-Dichlorobenzene	Ave	1.460	1.384		9480	10000	-5.2	20.0
1,4-Dichlorobenzene	Ave	1.365	1.320		9660	10000	-3.4	20.0
Benzyl alcohol	Ave	1.356	1.379		10200	10000	1.7	20.0
1,2-Dichlorobenzene	Ave	1.354	1.267		9360	10000	-6.4	20.0
bis (2-chloroisopropyl) ether	Ave	2.785	3.008		10800	10000	8.0	20.0
2-Methylphenol	Ave	1.838	1.946		10600	10000	5.9	20.0
Acetophenone	Ave	2.580	2.613		10100	10000	1.3	20.0
N-Nitrosodi-n-propylamine	Ave	1.341	1.470	0.0500	11000	10000	9.6	20.0
4-Methylphenol	Ave	1.858	2.031		10900	10000	9.3	20.0
Hexachloroethane	Ave	1.068	0.9608		9000	10000	-10.0	20.0
n,n'-Dimethylaniline	Ave	2.446	2.021		8260	10000	-17.4	20.0
Nitrobenzene	Ave	0.9711	0.9081		9350	10000	-6.5	20.0
Isophorone	Ave	1.592	1.457		9150	10000	-8.5	20.0
2-Nitrophenol	Ave	0.2679	0.2751		10300	10000	2.7	20.0
2,4-Dimethylphenol	Ave	0.4816	0.4763		9890	10000	-1.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.9421	0.8870		9420	10000	-5.8	20.0
Benzoic acid	Qua		0.2920		11700	10000	17.2	20.0
2,4-Dichlorophenol	Ave	0.4163	0.4287		10300	10000	3.0	20.0
1,2,4-Trichlorobenzene	Ave	0.5210	0.4256		8170	10000	-18.3	20.0
Naphthalene	Ave	1.068	0.9875		9240	10000	-7.6	20.0
4-Chloroaniline	Ave	0.5530	0.5416		9790	10000	-2.1	20.0
Hexachlorobutadiene	Ave	0.3244	0.3093		9530	10000	-4.7	20.0
4-Chloro-3-methylphenol	Ave	0.6527	0.6527		10000	10000	-0.0	20.0
2-Methylnaphthalene	Ave	0.8044	0.7029		8740	10000	-12.6	20.0
1-Methylnaphthalene	Ave	0.7499	0.6659		8880	10000	-11.2	20.0
Hexachlorocyclopentadiene	Ave	0.4438	0.4545	0.0500	10200	10000	2.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7313	0.6646		9090	10000	-9.1	20.0
2,4,6-Trichlorophenol	Ave	0.4414	0.4383		9930	10000	-0.7	20.0
2,4,5-Trichlorophenol	Ave	0.4691	0.4641		9890	10000	-1.1	20.0
Diphenyl	Ave	1.441	1.282		8890	10000	-11.1	20.0
2-Chloronaphthalene	Ave	1.136	1.027		9040	10000	-9.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-396356/2 Calibration Date: 10/11/2016 02:53

Instrument ID: CBNAMS4 Calib Start Date: 10/06/2016 10:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/06/2016 13:38

Lab File ID: U30332A.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diphenyl ether	Ave	0.8781	0.8469		9650	10000	-3.5	20.0
2-Nitroaniline	Ave	0.6070	0.5539		9130	10000	-8.7	20.0
Dimethylnaphthalene, total	Ave	0.9604	0.9079		9450	10000	-5.5	20.0
Dimethyl phthalate	Ave	1.378	1.211		8790	10000	-12.1	20.0
Coumarin	Ave	0.2446	0.2487		10200	10000	1.7	20.0
2,6-Dinitrotoluene	Ave	0.3480	0.3698		10600	10000	6.3	20.0
Acenaphthylene	Ave	1.550	1.412		9110	10000	-8.9	20.0
3-Nitroaniline	Ave	0.3249	0.3356		10300	10000	3.3	20.0
Acenaphthene	Ave	1.046	0.9135		8730	10000	-12.7	20.0
2,4-Dinitrophenol	Qua		0.1952	0.0500	19000	20000	-5.2	20.0
2,4-Dinitrotoluene	Ave	0.4215	0.4127		9790	10000	-2.1	20.0
Dibenzofuran	Ave	1.620	1.386		8560	10000	-14.4	20.0
4-Nitrophenol	Ave	0.2994	0.3310	0.0500	22100	20000	10.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3768	0.3720		9870	10000	-1.3	20.0
Diethyl phthalate	Ave	1.418	1.246		8790	10000	-12.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6865	0.6586		9590	10000	-4.1	20.0
Fluorene	Ave	1.234	1.096		8880	10000	-11.2	20.0
4-Nitroaniline	Ave	0.2884	0.2574		8920	10000	-10.8	20.0
4,6-Dinitro-2-methylphenol	Lin		0.1777		21200	20000	5.8	20.0
N-Nitrosodiphenylamine	Ave	0.5919	0.5777		9760	10000	-2.4	20.0
1,2-Diphenylhydrazine	Ave	1.230	1.237		10100	10000	0.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2827	0.3014		10700	10000	6.6	20.0
Hexachlorobenzene	Ave	0.3063	0.3242		10600	10000	5.8	20.0
Pentachlorophenol	Ave	0.1590	0.1364		17200	20000	-14.2	20.0
n-Octadecane	Ave	0.7105	0.6944		9770	10000	-2.3	20.0
Phenanthrene	Ave	0.9430	0.8879		9420	10000	-5.8	20.0
Anthracene	Ave	1.034	1.002		9690	10000	-3.1	20.0
Carbazole	Ave	0.8868	0.8674		9780	10000	-2.2	20.0
Di-n-butyl phthalate	Ave	1.286	1.207		9380	10000	-6.2	20.0
Fluoranthene	Ave	1.090	0.9637		8840	10000	-11.6	20.0
Benzidine	Ave	0.5509	0.4912		8920	10000	-10.8	20.0
Pyrene	Ave	1.586	1.275		8040	10000	-19.6	20.0
Butyl benzyl phthalate	Ave	0.7667	0.7707		10100	10000	0.5	20.0
2,3,7,8-TCDD	Ave	0.2063	0.2029		98.4	100	-1.6	20.0
Carbamazepine	Qua		0.5740		11500	10000	15.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4370	0.5266		12000	10000	20.5*	20.0
Benzo[a]anthracene	Ave	1.197	1.056		8820	10000	-11.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8271	0.8133		9830	10000	-1.7	20.0
Chrysene	Ave	1.062	1.007		9480	10000	-5.2	20.0
Di-n-octyl phthalate	Ave	1.579	1.457		9230	10000	-7.7	20.0
Benzo[b]fluoranthene	Ave	1.147	1.070		9330	10000	-6.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-396356/2 Calibration Date: 10/11/2016 02:53

Instrument ID: CBNAMS4 Calib Start Date: 10/06/2016 10:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/06/2016 13:38

Lab File ID: U30332A.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[k]fluoranthene	Ave	1.158	1.135		9800	10000	-2.0	20.0
Benzo[a]pyrene	Ave	1.015	1.056		10400	10000	4.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8884	1.043		11700	10000	17.4	20.0
Dibenz(a,h)anthracene	Ave	0.8745	1.017		11600	10000	16.3	20.0
Benzo[g,h,i]perylene	Ave	0.9758	1.129		11600	10000	15.7	20.0
2-Fluorophenol	Ave	2.144	2.331		10900	10000	8.7	20.0
Phenol-d5	Ave	2.954	2.770		9380	10000	-6.2	20.0
Nitrobenzene-d5	Ave	0.9399	0.9149		9730	10000	-2.7	20.0
2-Fluorobiphenyl	Ave	1.647	1.456		8840	10000	-11.6	20.0
2,4,6-Tribromophenol	Ave	0.2923	0.2912		9960	10000	-0.4	20.0
Terphenyl-d14	Ave	1.200	1.039		8660	10000	-13.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30332A.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Oct-2016 02:53:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-002
Operator ID: Instrument ID: CBNAMS4
Sublist: chrom-8270LVI_R4*sub1

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 16:41:41 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: asfawa Date: 11-Oct-2016 03:25:48

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.631	1.631	0.000	91	896948	10.0	10.4	
	2 N-Nitrosodimethylamine	74	1.865	1.865	0.000	85	1215631	10.0	10.0	
	3 Pyridine	79	1.888	1.888	0.000	90	2019545	10.0	11.5	
$	4 2-Fluorophenol	112	3.099	3.099	0.000	94	1970091	10.0	10.9	
	8 Aniline	93	3.989	3.989	0.000	98	2836716	10.0	10.1	
$	6 Phenol-d5	99	4.036	4.036	0.000	87	2341170	10.0	9.38	
	9 Bis(2-chloroethyl)ether	93	4.047	4.047	0.000	94	1980369	10.0	8.88	
	7 Phenol	94	4.047	4.047	0.000	89	2390212	10.0	9.64	
	10 Benzonitrile	103	4.059	4.059	0.000	94	2921987	10.0	9.33	
	11 2-Chlorophenol	128	4.141	4.141	0.000	85	1041352	10.0	9.32	
	12 n-Decane	43	4.153	4.153	0.000	85	1488145	10.0	8.95	
	13 1,3-Dichlorobenzene	146	4.258	4.258	0.000	83	1169587	10.0	9.48	
*	14 1,4-Dichlorobenzene-d4	152	4.304	4.304	0.000	88	676245	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.327	4.327	0.000	80	1115404	10.0	9.66	
	17 Benzyl alcohol	108	4.465	4.465	0.000	93	1165798	10.0	10.2	
	18 1,2-Dichlorobenzene	146	4.477	4.477	0.000	85	1071157	10.0	9.36	
	20 2,2'-oxybis[1-chloropropan	45	4.583	4.583	0.000	92	2542978	10.0	10.8	
	19 2-Methylphenol	108	4.641	4.641	0.000	87	1645034	10.0	10.6	
	23 N-Methylaniline	106	4.712	4.712	0.000	80	2287632	10.0	9.84	
	24 Acetophenone	105	4.724	4.724	0.000	97	2209047	10.0	10.1	
	25 N-Nitrosodi-n-propylamine	70	4.735	4.735	0.000	92	1242617	10.0	11.0	
	26 3 & 4 Methylphenol	108	4.794	4.794	0.000	68	1772605	NC	NC	
	21 4-Methylphenol	108	4.794	4.794	0.000	89	1716886	10.0	10.9	
	27 Hexachloroethane	117	4.818	4.818	0.000	91	812124	10.0	9.00	
$	28 Nitrobenzene-d5	82	4.876	4.876	0.000	89	2206504	10.0	9.73	
	29 Nitrobenzene	77	4.888	4.888	0.000	88	2190040	10.0	9.35	
	30 n,n'-Dimethylaniline	120	4.888	4.888	0.000	81	1708252	10.0	8.26	
	31 Isophorone	82	5.134	5.134	0.000	97	3513341	10.0	9.15	
	32 2-Nitrophenol	139	5.204	5.204	0.000	66	663313	10.0	10.3	
	33 2,4-Dimethylphenol	122	5.298	5.298	0.000	84	1148630	10.0	9.89	
	34 Bis(2-chloroethoxy)methane	93	5.345	5.345	0.000	96	2139126	10.0	9.42	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.474	5.474	0.000	85	704206	10.0	11.7	
36 2,4-Dichlorophenol	162	5.498	5.498	0.000	86	1033851	10.0	10.3	
37 1,2,4-Trichlorobenzene	180	5.533	5.533	0.000	91	1026443	10.0	8.17	
* 38 Naphthalene-d8	136	5.590	5.590	0.000	95	1929316	8.00	8.00	
39 Naphthalene	128	5.602	5.602	0.000	94	2381528	10.0	9.24	
40 4-Chloroaniline	127	5.671	5.671	0.000	88	1306044	10.0	9.79	
41 Hexachlorobutadiene	225	5.739	5.739	0.000	91	745819	10.0	9.53	
44 4-Chloro-3-methylphenol	107	6.225	6.225	0.000	90	1574038	10.0	10.0	
45 2-Methylnaphthalene	142	6.295	6.295	0.000	78	1695169	10.0	8.74	
46 1-Methylnaphthalene	142	6.388	6.388	0.000	88	1606017	10.0	8.88	
47 Hexachlorocyclopentadiene	237	6.458	6.458	0.000	92	681390	10.0	10.2	
48 1,2,4,5-Tetrachlorobenzene	216	6.470	6.470	0.000	92	996306	10.0	9.09	
49 2-tertbutyl-4-methylphenol	149	6.528	6.528	0.000	81	1282933	NC	NC	
50 2,4,6-Trichlorophenol	196	6.608	6.608	0.000	83	657096	10.0	9.93	
$ 52 2-Fluorobiphenyl	172	6.664	6.664	0.000	92	2183487	10.0	8.84	
51 2,4,5-Trichlorophenol	196	6.687	6.687	0.000	89	695713	10.0	9.89	
53 1,1'-Biphenyl	154	6.757	6.757	0.000	98	1921400	10.0	8.89	
54 2-Chloronaphthalene	162	6.781	6.781	0.000	90	1539073	10.0	9.04	
55 Phenyl ether	170	6.862	6.862	0.000	87	1269715	10.0	9.65	
57 2-Nitroaniline	65	6.897	6.897	0.000	84	830465	10.0	9.13	
58 1,3-Dimethylnaphthalene	156	6.992	6.992	0.000	88	1361064	10.0	9.45	
59 Dimethyl phthalate	163	7.074	7.074	0.000	91	1815694	10.0	8.79	
60 Coumarin	146	7.097	7.097	0.000	68	599672	10.0	10.2	
61 2,6-Dinitrotoluene	165	7.131	7.131	0.000	89	554386	10.0	10.6	
62 Acenaphthylene	152	7.189	7.189	0.000	92	2116997	10.0	9.11	
63 3-Nitroaniline	138	7.305	7.305	0.000	87	503192	10.0	10.3	
* 64 Acenaphthene-d10	164	7.328	7.328	0.000	92	1199361	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.351	7.351	0.000	96	1567387	NC	NC	
66 Acenaphthene	154	7.362	7.362	0.000	94	1369544	10.0	8.73	
67 2,4-Dinitrophenol	184	7.408	7.408	0.000	94	585162	20.0	19.0	
70 2,4-Dinitrotoluene	165	7.523	7.523	0.000	83	618745	10.0	9.79	
71 Dibenzofuran	168	7.535	7.535	0.000	91	2077789	10.0	8.56	
69 4-Nitrophenol	65	7.592	7.592	0.000	83	992602	20.0	22.1	
72 2,3,4,6-Tetrachlorophenol	232	7.673	7.673	0.000	88	557768	10.0	9.87	
73 Diethyl phthalate	149	7.765	7.765	0.000	93	1867745	10.0	8.79	
75 Fluorene	166	7.868	7.868	0.000	91	1642443	10.0	8.88	
74 4-Chlorophenyl phenyl ethe	204	7.868	7.868	0.000	81	987404	10.0	9.59	
76 4-Nitroaniline	138	7.915	7.915	0.000	83	385910	10.0	8.92	
77 4,6-Dinitro-2-methylphenol	198	7.937	7.937	0.000	87	754119	20.0	21.2	
78 N-Nitrosodiphenylamine	169	7.983	7.983	0.000	67	1225933	10.0	9.76	
79 1,2-Diphenylhydrazine	77	8.018	8.018	0.000	96	2625714	10.0	10.1	
$ 80 2,4,6-Tribromophenol	330	8.110	8.110	0.000	93	436551	10.0	9.96	
81 4-Bromophenyl phenyl ether	248	8.341	8.341	0.000	83	639584	10.0	10.7	
82 Hexachlorobenzene	284	8.410	8.410	0.000	96	687907	10.0	10.6	
85 Pentachloronitrobenzene	237	8.618	8.618	0.000	83	333599	NC	NC	
84 Pentachlorophenol	266	8.618	8.618	0.000	85	578852	20.0	17.2	
86 n-Octadecane	57	8.674	8.674	0.000	91	1473758	10.0	9.77	
* 87 Phenanthrene-d10	188	8.778	8.778	0.000	97	1697770	8.00	8.00	
88 Phenanthrene	178	8.801	8.801	0.000	97	1884306	10.0	9.42	
89 Anthracene	178	8.857	8.857	0.000	95	2126747	10.0	9.69	
90 Carbazole	167	9.020	9.020	0.000	99	1840871	10.0	9.78	
91 Di-n-butyl phthalate	149	9.355	9.355	0.000	98	2561617	10.0	9.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.961	9.961	0.000	93	2045193	10.0	8.84	
93 Benzidine	184	10.090	10.090	0.000	98	1042472	10.0	8.92	
94 Pyrene	202	10.182	10.182	0.000	92	2022852	10.0	8.04	
95 Bisphenol-A	213	10.251	10.251	0.000	0	1001617	NC	NC	
$ 96 Terphenyl-d14	244	10.340	10.340	0.000	99	1648024	10.0	8.66	
97 Butyl benzyl phthalate	149	10.850	10.850	0.000	91	1222611	10.0	10.1	
98 2,3,7,8-TCDD	320	10.966	10.966	0.000	20	3219	0.1000	0.0984	
99 Carbamazepine	193	10.988	10.988	0.000	89	910577	10.0	11.5	
100 3,3'-Dichlorobenzidine	252	11.473	11.473	0.000	97	835360	10.0	12.0	
101 Benzo[a]anthracene	228	11.495	11.495	0.000	99	1674988	10.0	8.82	
* 102 Chrysene-d12	240	11.507	11.507	0.000	98	1269038	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.529	11.529	0.000	92	1290172	10.0	9.83	
104 Chrysene	228	11.540	11.540	0.000	97	1597797	10.0	9.48	
105 Di-n-octyl phthalate	149	12.374	12.374	0.000	96	2461881	10.0	9.23	
106 Benzo[b]fluoranthene	252	12.883	12.883	0.000	96	1809037	10.0	9.33	
107 Benzo[k]fluoranthene	252	12.917	12.917	0.000	97	1917546	10.0	9.80	
108 Benzo[a]pyrene	252	13.322	13.322	0.000	97	1784249	10.0	10.4	
* 109 Perylene-d12	264	13.391	13.391	0.000	98	1352169	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.876	14.876	0.000	96	1763090	10.0	11.7	M
111 Dibenz(a,h)anthracene	278	14.909	14.909	0.000	95	1718667	10.0	11.6	
112 Benzo[g,h,i]perylene	276	15.280	15.280	0.000	95	1908147	10.0	11.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL6_00043 Amount Added: 1.00 Units: mL

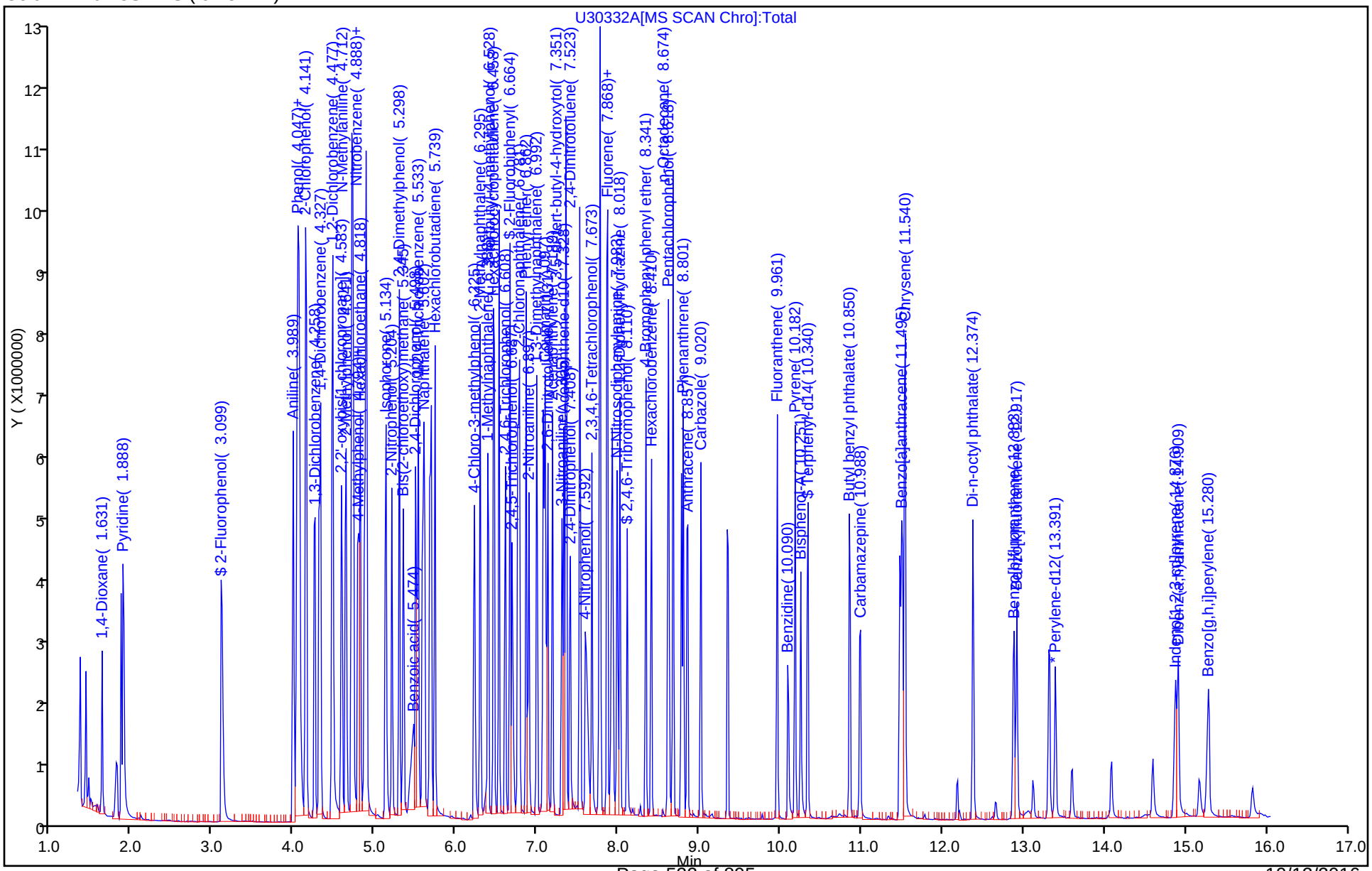
Report Date: 11-Oct-2016 16:41:44 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30332A.D

Injection Date:	11-Oct-2016 02:53:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 06-Oct-2016 10:24:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046498-001
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 06-Oct-2016 22:58:49 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: croccom Date: 06-Oct-2016 11:36:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	5.331	5.331	0.000	88	63145	NR	NR	
43 Benzidine_T	184	7.120	7.120	0.000	99	448430	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	7.778	7.778	0.000	88	1535		NR	
127 4,4'-DDT	235	8.092	8.092	0.000	95	194748	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

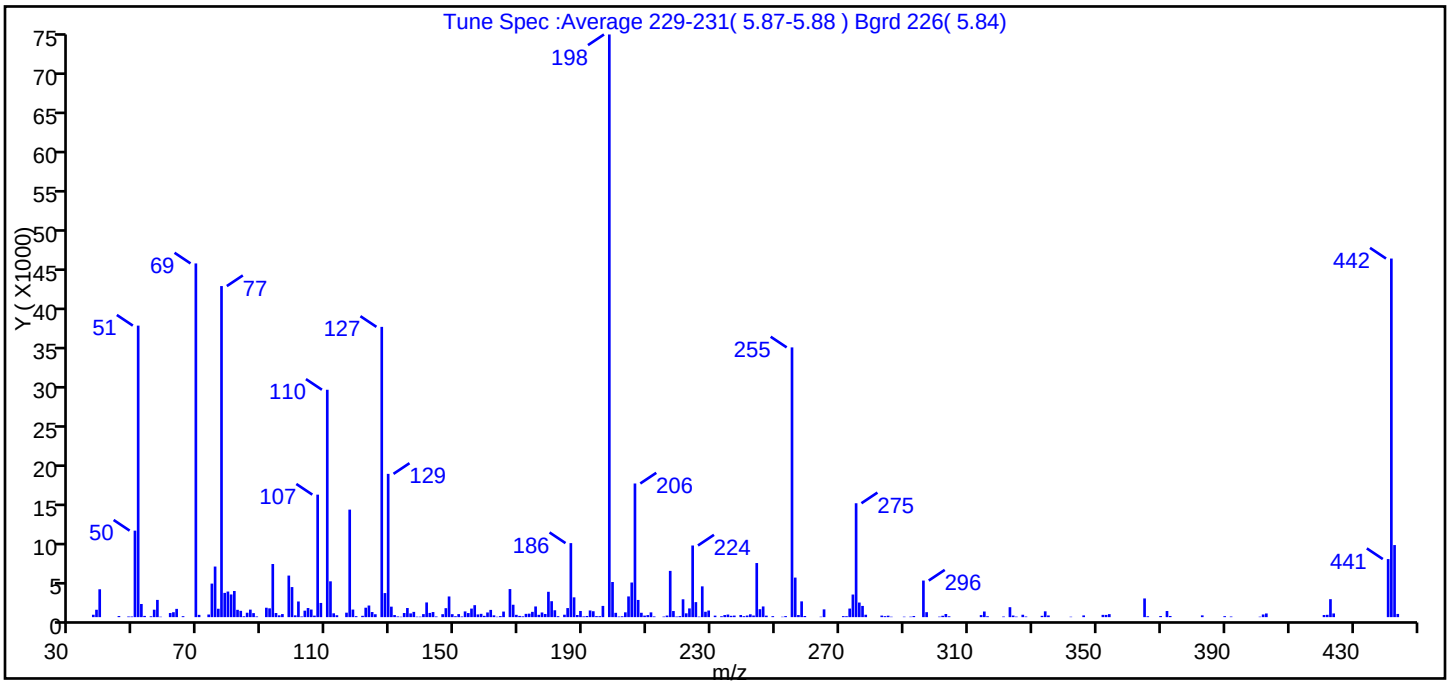
SMDFTTP_CH_00008 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D
Injection Date: 06-Oct-2016 10:24:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Tune Method: DFTPP Method 625

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100 percent relative abundance	100.0
51	30-60 percent of Mass 198	50.0
68	Less than 2 percent of Mass 69	0.0 (0.0)
69	Present	60.7
70	Less than 2 percent of Mass 69	0.4 (0.6)
127	40-60 percent of Mass 198	49.8
197	Less than 1 percent of Mass 198	0.0
199	5-9 percent of Mass 198	6.0
275	10-30 percent of Mass 198	19.5
365	Greater than 1 percent of Mass 198	3.2
441	Present but less than Mass 443	10.0 (80.6)
442	Greater than 40 percent of Mass 198	61.5
443	17-23 percent of Mass 442	12.4 (20.1)

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D\8270LVI_R4.rslt\spectra.d
Injection Date: 06-Oct-2016 10:24:30
Spectrum: Tune Spec :Average 229-231(5.87-5.88) Bgrd 226(5.84)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 245

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	307	122.00	1206	188.00	274	264.00	56
38.00	946	123.00	1486	189.00	789	265.00	995
39.00	3563	124.00	653	190.00	93	271.00	131
45.00	141	125.00	372	191.00	148	272.00	117
48.00	83	127.00	37112	192.00	852	273.00	1097
49.00	81	128.00	3077	193.00	756	274.00	2891
50.00	11060	129.00	18320	194.00	131	275.00	14562
51.00	37272	130.00	1340	195.00	123	276.00	1866
52.00	1682	131.00	268	196.00	1436	277.00	1434
53.00	158	132.00	91	198.00	74496	278.00	309
55.00	108	133.00	51	199.00	4492	283.00	200
56.00	952	134.00	528	200.00	554	284.00	126
57.00	2204	135.00	1167	201.00	80	285.00	186
58.00	54	136.00	480	202.00	111	286.00	54
61.00	525	137.00	672	203.00	614	290.00	59
62.00	632	138.00	62	204.00	2649	292.00	60
63.00	1057	139.00	60	205.00	4427	293.00	144
65.00	122	140.00	387	206.00	17088	296.00	4678
69.00	45224	141.00	1880	207.00	2199	297.00	635
70.00	291	142.00	539	208.00	559	301.00	65
73.00	336	143.00	654	209.00	197	302.00	176
74.00	4289	144.00	83	210.00	263	303.00	401
75.00	6469	146.00	379	211.00	611	304.00	108
76.00	1073	147.00	1147	212.00	92	314.00	261
77.00	42328	148.00	2644	215.00	74	315.00	721
78.00	3102	149.00	380	216.00	204	316.00	113
79.00	3273	150.00	116	217.00	5914	321.00	79
80.00	2900	151.00	388	218.00	780	323.00	1272
81.00	3344	152.00	84	219.00	74	324.00	205
82.00	937	153.00	733	220.00	128	325.00	68
83.00	806	154.00	520	221.00	2284	327.00	307
84.00	110	155.00	1094	222.00	489	328.00	80
85.00	564	156.00	1530	223.00	1118	333.00	169

Report Date: 06-Oct-2016 22:58:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D\8270LVI_R4.rslt\spectra.d
Injection Date: 06-Oct-2016 10:24:30
Spectrum: Tune Spec :Average 229-231(5.87-5.88) Bgrd 226(5.84)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 245

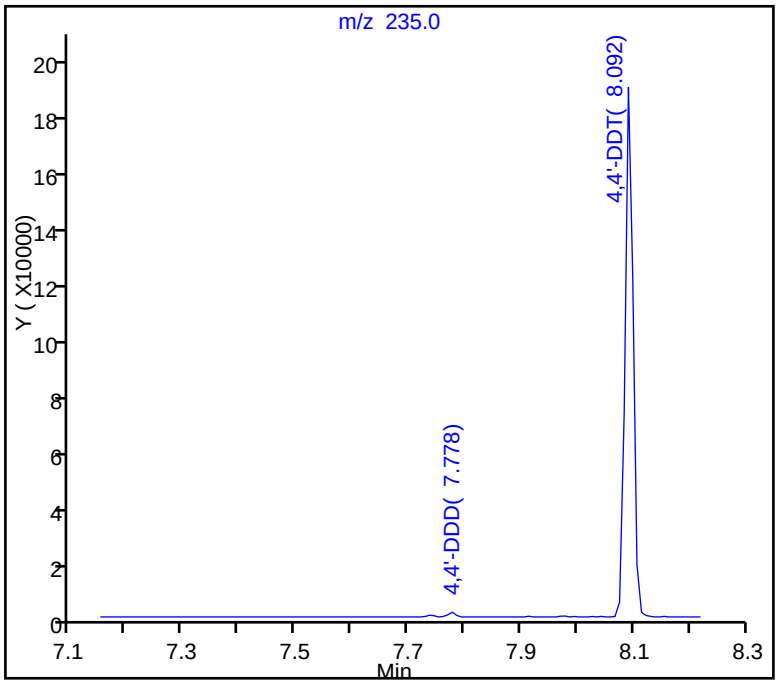
m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	963	157.00	348	224.00	9161	334.00	743
87.00	515	158.00	423	225.00	1920	335.00	214
88.00	87	159.00	166	226.00	68	342.00	53
91.00	1204	160.00	599	227.00	3937	346.00	221
92.00	1126	161.00	927	228.00	688	352.00	292
93.00	6793	162.00	230	229.00	846	353.00	286
94.00	528	163.00	53	231.00	192	354.00	384
95.00	232	164.00	132	233.00	114	365.00	2390
96.00	393	165.00	713	234.00	268	366.00	112
98.00	5315	167.00	3591	235.00	332	370.00	144
99.00	3844	168.00	1586	236.00	171	372.00	784
100.00	228	169.00	296	237.00	200	373.00	149
101.00	2003	170.00	159	239.00	275	383.00	227
102.00	83	171.00	104	240.00	122	390.00	127
103.00	828	172.00	420	241.00	205	392.00	79
104.00	1166	173.00	445	242.00	363	401.00	58
105.00	972	174.00	676	243.00	206	402.00	343
106.00	192	175.00	1367	244.00	6916	403.00	472
107.00	15662	176.00	296	245.00	1016	421.00	273
108.00	1815	177.00	597	246.00	1368	422.00	298
110.00	29072	178.00	404	247.00	190	423.00	2297
111.00	4580	179.00	3241	249.00	127	424.00	472
112.00	490	180.00	2039	252.00	52	441.00	7425
113.00	243	181.00	880	253.00	134	442.00	45848
116.00	571	182.00	122	255.00	34488	443.00	9214
117.00	13747	184.00	309	256.00	5057	444.00	411
118.00	968	185.00	1161	257.00	271		
119.00	125	186.00	9465	258.00	2018		
121.00	170	187.00	2532	259.00	146		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D
Injection Date: 06-Oct-2016 10:24:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 194748
126 4,4'-DDD, Area = 1535
125 4,4'-DDE, Area = 0

%Breakdown: 0.78%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

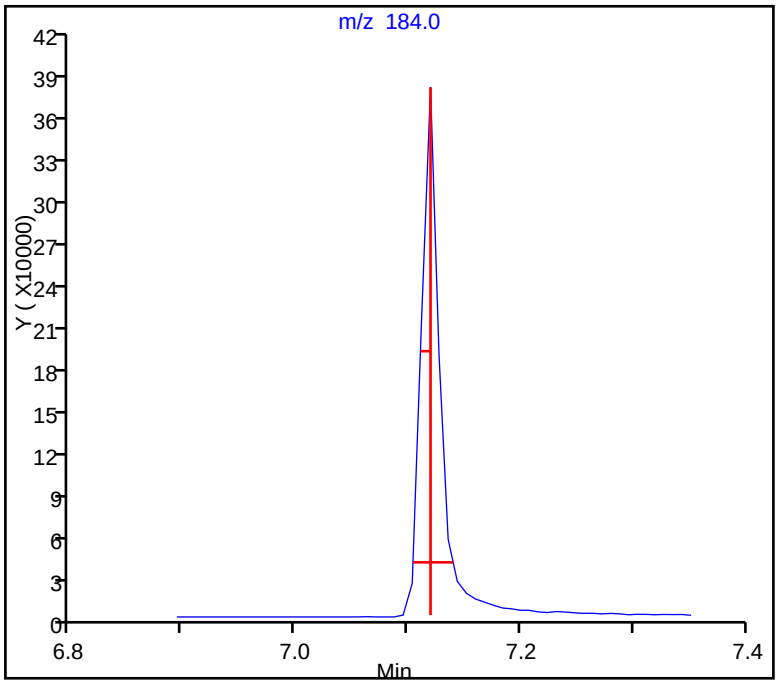
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D
Injection Date: 06-Oct-2016 10:24:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.3, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

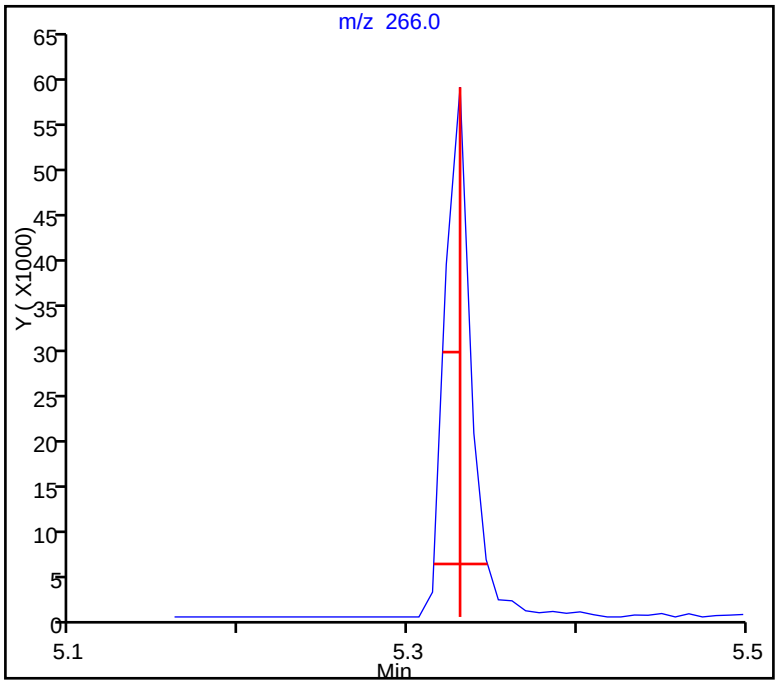
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30049.D
Injection Date: 06-Oct-2016 10:24:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.0, Max. Tailing < 3.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Oct-2016 02:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-001
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 11-Oct-2016 16:41:37 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK006

First Level Reviewer: asfawa Date: 11-Oct-2016 02:17:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	5.114	5.114	0.000	88	76761	NR	NR	
43 Benzidine_T	184	6.885	6.885	0.000	99	560504	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	7.102	7.102	0.000	1	975		NR	
126 4,4'-DDD	235	7.537	7.537	0.000	84	3301		NR	
127 4,4'-DDT	235	7.857	7.857	0.000	96	289794	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

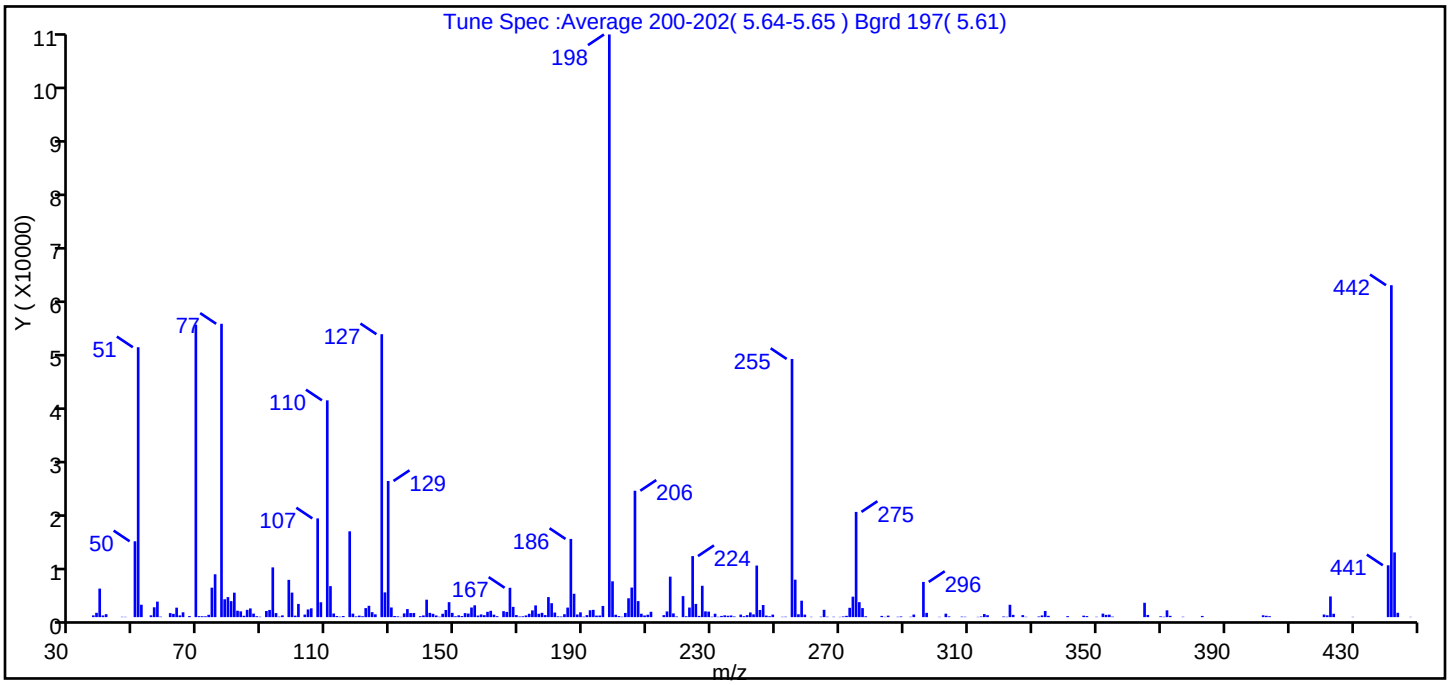
SMDFTTP_CH_00008 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D
Injection Date: 11-Oct-2016 02:04:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL
Tune Method: DFTPP Method 625

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100 percent relative abundance	100.0
51	30-60 percent of Mass 198	46.3
68	Less than 2 percent of Mass 69	0.0 (0.0)
69	Present	50.2
70	Less than 2 percent of Mass 69	0.2 (0.3)
127	40-60 percent of Mass 198	48.6
197	Less than 1 percent of Mass 198	0.0
199	5-9 percent of Mass 198	6.2
275	10-30 percent of Mass 198	18.1
365	Greater than 1 percent of Mass 198	2.5
441	Present but less than Mass 443	8.9 (80.1)
442	Greater than 40 percent of Mass 198	57.0
443	17-23 percent of Mass 442	11.1 (19.5)

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D\8270LVI_R4.rslt\spectra.d
Injection Date: 11-Oct-2016 02:04:30
Spectrum: Tune Spec :Average 200-202(5.64-5.65) Bgrd 197(5.61)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 263

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	320	122.00	1649	191.00	365	271.00	127
38.00	791	123.00	2066	192.00	1257	272.00	238
39.00	5197	124.00	907	193.00	1332	273.00	1702
40.00	308	125.00	514	194.00	285	274.00	3734
41.00	541	127.00	51552	195.00	295	275.00	19176
46.00	63	128.00	4510	196.00	2041	276.00	2730
47.00	54	129.00	24808	198.00	106160	277.00	1652
50.00	13823	130.00	1763	199.00	6529	278.00	157
51.00	49176	131.00	203	200.00	437	283.00	225
52.00	2261	132.00	140	201.00	192	284.00	51
55.00	333	133.00	51	202.00	80	285.00	276
56.00	1797	134.00	681	203.00	766	288.00	68
57.00	2831	135.00	1469	204.00	3440	289.00	126
58.00	87	136.00	749	205.00	5386	292.00	69
61.00	734	137.00	759	206.00	23032	293.00	475
62.00	599	139.00	171	207.00	2921	296.00	6419
63.00	1727	140.00	313	208.00	620	297.00	781
64.00	316	141.00	3180	209.00	306	301.00	59
65.00	887	142.00	783	210.00	444	303.00	633
67.00	192	143.00	605	211.00	977	304.00	131
69.00	53288	144.00	304	215.00	364	308.00	92
70.00	177	145.00	77	216.00	1040	309.00	70
71.00	163	146.00	615	217.00	7381	313.00	52
72.00	153	147.00	1304	218.00	682	314.00	116
73.00	424	148.00	2727	219.00	120	315.00	565
74.00	5368	149.00	779	221.00	3837	316.00	353
75.00	7811	150.00	158	222.00	157	321.00	115
77.00	53448	151.00	331	223.00	1750	322.00	66
78.00	3258	152.00	196	224.00	11127	323.00	2256
79.00	3647	153.00	735	225.00	2410	324.00	419
80.00	2917	154.00	653	226.00	230	327.00	368
81.00	4460	155.00	1758	227.00	5714	328.00	64
82.00	1167	156.00	2155	228.00	1057	332.00	116

Report Date: 11-Oct-2016 16:41:39 Chrom Revision: 2.2 08-Sep-2016 14:45:52
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D\8270LVI_R4.rslt\spectra.d
Injection Date: 11-Oct-2016 02:04:30
Spectrum: Tune Spec :Average 200-202(5.64-5.65) Bgrd 197(5.61)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 263

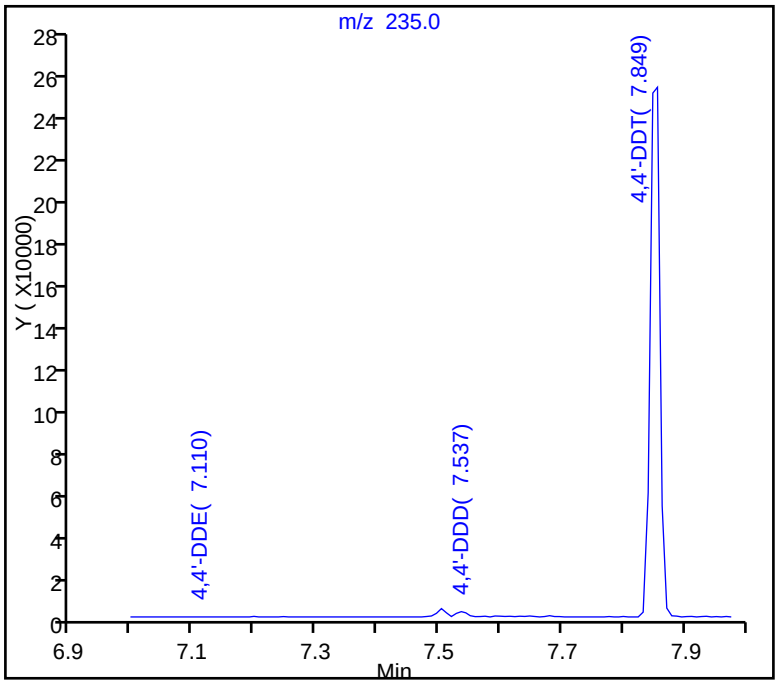
m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	1057	157.00	293	229.00	1006	333.00	308
84.00	251	158.00	498	230.00	83	334.00	1123
85.00	1329	159.00	358	231.00	621	335.00	243
86.00	1589	160.00	968	232.00	68	341.00	182
87.00	645	161.00	1155	233.00	227	346.00	268
88.00	167	162.00	451	234.00	330	347.00	191
89.00	77	163.00	171	235.00	253	350.00	65
91.00	1118	165.00	1088	236.00	303	352.00	643
92.00	1316	166.00	957	237.00	118	353.00	415
93.00	9066	167.00	5351	239.00	465	354.00	457
94.00	739	168.00	1875	240.00	170	355.00	98
95.00	96	169.00	379	241.00	362	365.00	2616
96.00	318	170.00	117	242.00	852	366.00	407
98.00	6797	171.00	155	243.00	505	370.00	148
99.00	4472	172.00	308	244.00	9399	371.00	69
100.00	271	173.00	615	245.00	1304	372.00	1241
101.00	2412	174.00	1228	246.00	2209	373.00	240
103.00	467	175.00	2141	247.00	287	377.00	73
104.00	1404	176.00	611	248.00	167	383.00	220
105.00	1607	177.00	790	249.00	460	402.00	340
107.00	17992	178.00	372	252.00	62	403.00	250
108.00	2711	179.00	3653	253.00	78	404.00	171
110.00	39504	180.00	2538	255.00	47040	421.00	478
111.00	5652	181.00	833	256.00	6824	422.00	340
112.00	663	182.00	145	257.00	522	423.00	3773
113.00	198	183.00	113	258.00	2996	424.00	616
114.00	83	184.00	529	259.00	460	430.00	54
115.00	200	185.00	1743	261.00	62	441.00	9448
117.00	15636	186.00	14251	264.00	83	442.00	60480
118.00	640	187.00	4260	265.00	1340	443.00	11789
119.00	132	188.00	483	266.00	80	444.00	794
120.00	279	189.00	879	268.00	68	448.00	50
121.00	168	190.00	84	270.00	51		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D
Injection Date: 11-Oct-2016 02:04:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 289794
126 4,4'-DDD, Area = 3301
125 4,4'-DDE, Area = 975

%Breakdown: 1.45%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

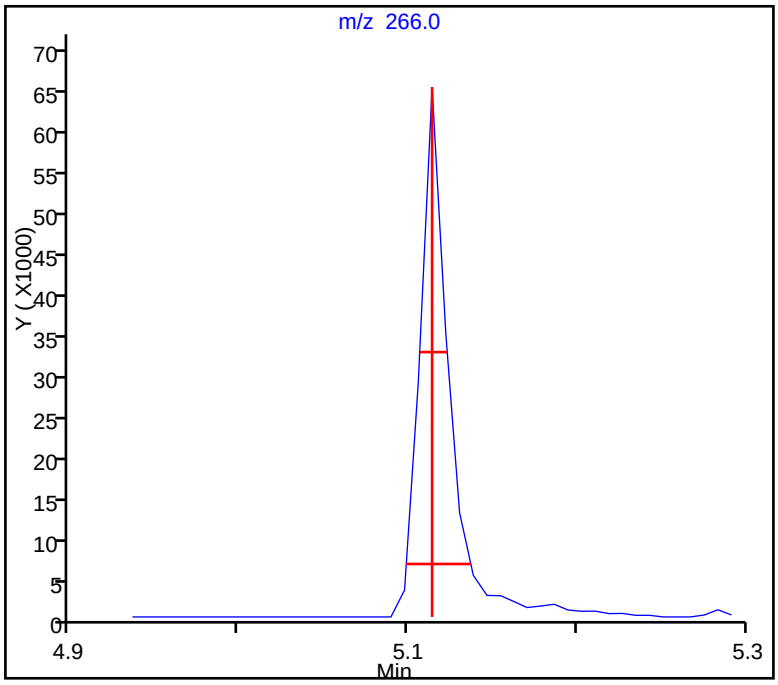
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D
Injection Date: 11-Oct-2016 02:04:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.5, Max. Tailing < 3.00
Passed



Peak Tailing Report

TestAmerica Edison

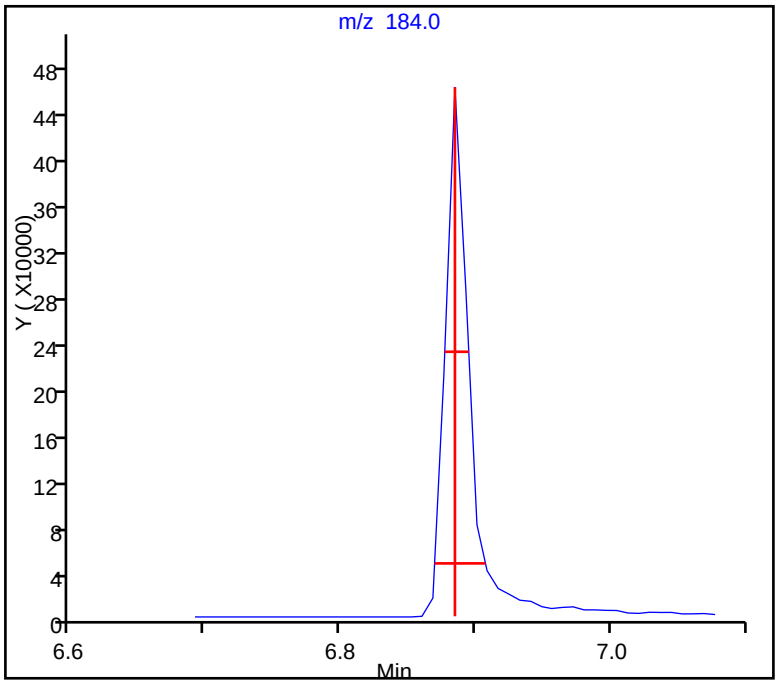
Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30331.D
Injection Date: 11-Oct-2016 02:04:30 Instrument ID: CBNAMS4
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R4 Limit Group: SV 625 ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.5, Max. Tailing < 3.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394928/1-A

Matrix: Water | Lab File ID: U30373.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.1	U	10	1.1
106-46-7	1,4-Dichlorobenzene	0.66	U	10	0.66
95-50-1	1,2-Dichlorobenzene	0.83	U	10	0.83
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
78-59-1	Isophorone	0.67	U	10	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
120-82-1	1,2,4-Trichlorobenzene	0.61	U	1.0	0.61
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88
132-64-9	Dibenzofuran	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
84-66-2	Diethyl phthalate	1.0	U	10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
86-73-7	Fluorene	0.80	U	10	0.80
100-01-6	4-Nitroaniline	0.48	U	10	0.48
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
85-01-8	Phenanthrene	0.65	U	10	0.65
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394928/1-A

Matrix: Water | Lab File ID: U30373.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
206-44-0	Fluoranthene	0.72	U	10	0.72
129-00-0	Pyrene	0.83	U	10	0.83
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
218-01-9	Chrysene	0.67	U	2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	0.72	U	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
108-60-1	bis (2-chloroisopropyl) ether	0.93	U	10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	57		49-125
1718-51-0	Terphenyl-d14	54		28-150
321-60-8	2-Fluorobiphenyl	50		44-129

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394928/1-A

Matrix: Water | Lab File ID: U30373.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

Number TICs Found: 0 | TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30373.D
Lims ID: MB 460-394928/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Oct-2016 17:07:30 ALS Bottle#: 43 Worklist Smp#: 43
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-043
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 12-Oct-2016 01:31:34 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 12-Oct-2016 01:31:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.125	3.099	0.026	94	670488	10.0	2.95	
$ 6 Phenol-d5	99	4.058	4.036	0.022	88	602435	10.0	1.92	
* 14 1,4-Dichlorobenzene-d4	152	4.302	4.309	-0.007	93	847742	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.860	4.876	-0.016	89	1630940	10.0	5.66	
* 38 Naphthalene-d8	136	5.574	5.576	-0.002	95	2454548	8.00	8.00	
$ 52 2-Fluorobiphenyl	172	6.657	6.664	-0.007	95	1835284	10.0	5.04	
* 64 Acenaphthene-d10	164	7.312	7.322	-0.010	91	1770317	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.107	8.110	-0.003	92	293652	10.0	4.54	
* 87 Phenanthrene-d10	188	8.770	8.779	-0.009	97	2321513	8.00	8.00	
95 Bisphenol-A	213	10.332	10.251	0.081	0	21515		NC	
$ 96 Terphenyl-d14	244	10.332	10.340	-0.008	99	1387641	10.0	5.37	
* 102 Chrysene-d12	240	11.498	11.507	-0.009	99	1721785	8.00	8.00	
* 109 Perylene-d12	264	13.387	13.388	-0.001	99	2018254	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

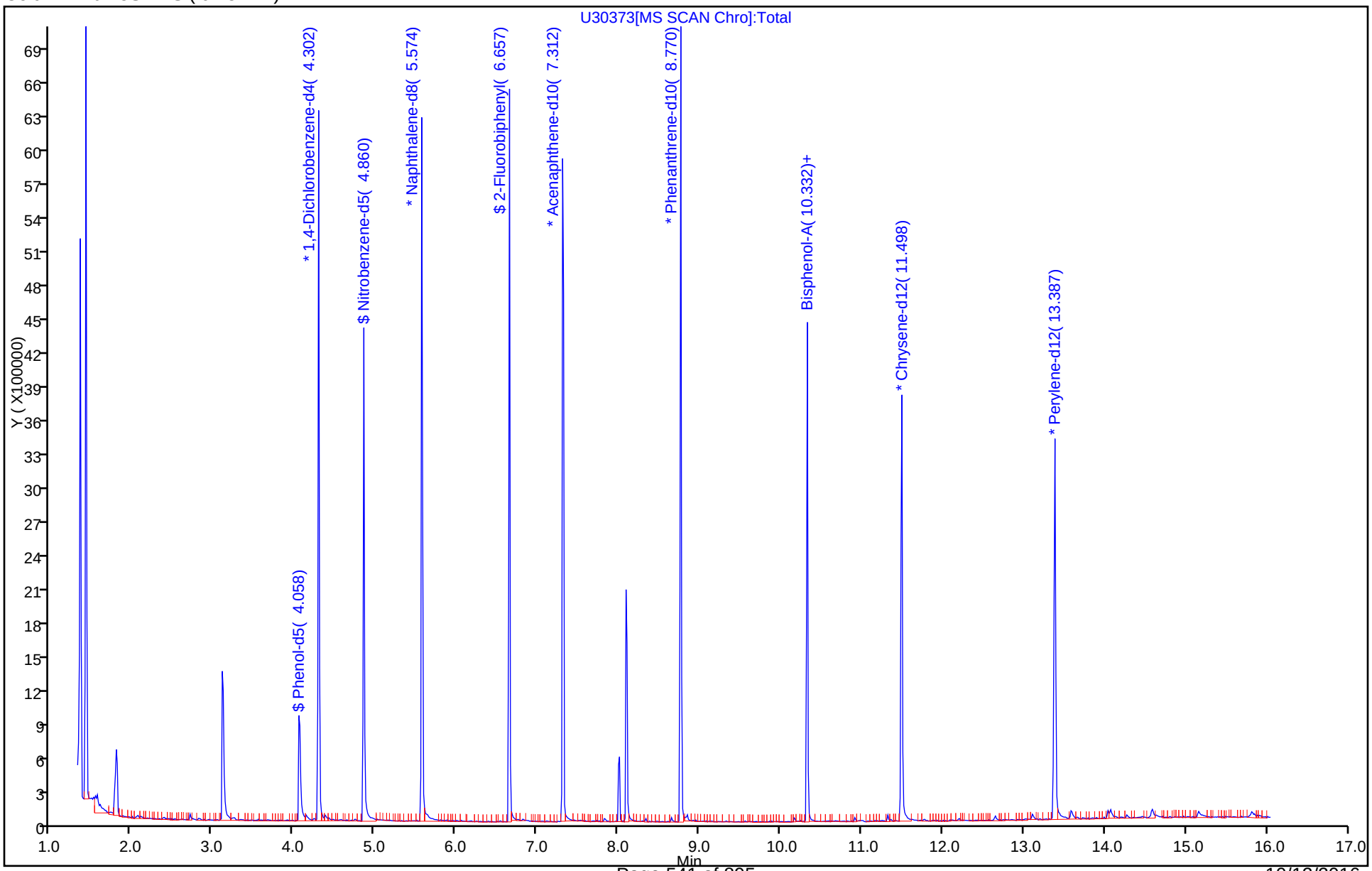
Report Date: 12-Oct-2016 01:31:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30373.D

Injection Date:	11-Oct-2016 17:07:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	MB 460-394928/1-A			Worklist Smp#:	43
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394928/2-A

Matrix: Water | Lab File ID: U30374.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	49.4		1.0	0.12
541-73-1	1,3-Dichlorobenzene	41.0		10	1.1
106-46-7	1,4-Dichlorobenzene	41.9		10	0.66
95-50-1	1,2-Dichlorobenzene	41.8		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	55.6		1.0	0.83
67-72-1	Hexachloroethane	33.1		1.0	0.090
98-95-3	Nitrobenzene	51.8		1.0	0.49
78-59-1	Isophorone	50.1		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	55.5		10	0.69
120-82-1	1,2,4-Trichlorobenzene	36.7		1.0	0.61
91-20-3	Naphthalene	49.0		10	0.80
106-47-8	4-Chloroaniline	57.8		10	0.73
87-68-3	Hexachlorobutadiene	40.1		1.0	0.76
91-57-6	2-Methylnaphthalene	48.8		10	0.88
77-47-4	Hexachlorocyclopentadiene	35.0		10	0.61
91-58-7	2-Chloronaphthalene	47.3		10	0.61
88-74-4	2-Nitroaniline	44.6		10	0.65
131-11-3	Dimethyl phthalate	59.3		10	0.98
208-96-8	Acenaphthylene	50.7		10	0.65
606-20-2	2,6-Dinitrotoluene	64.0		2.0	0.88
99-09-2	3-Nitroaniline	57.7		10	0.82
83-32-9	Acenaphthene	48.5		10	0.88
132-64-9	Dibenzofuran	50.2		10	0.85
121-14-2	2,4-Dinitrotoluene	63.1		2.0	1.0
84-66-2	Diethyl phthalate	57.3		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	50.1		10	0.96
86-73-7	Fluorene	48.2		10	0.80
100-01-6	4-Nitroaniline	51.3		10	0.48
86-30-6	N-Nitrosodiphenylamine	67.0		10	0.74
101-55-3	4-Bromophenyl phenyl ether	59.1		10	1.0
118-74-1	Hexachlorobenzene	63.5		1.0	0.47
85-01-8	Phenanthrene	60.5		10	0.65
120-12-7	Anthracene	57.7		10	0.57
86-74-8	Carbazole	63.6		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394928/2-A

Matrix: Water | Lab File ID: U30374.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	60.1		10	0.82
206-44-0	Fluoranthene	55.5		10	0.72
129-00-0	Pyrene	53.4		10	0.83
85-68-7	Butyl benzyl phthalate	65.3		10	0.60
91-94-1	3,3'-Dichlorobenzidine	72.9		10	1.0
56-55-3	Benzo[a]anthracene	55.9		1.0	0.55
218-01-9	Chrysene	62.3		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	64.1		2.0	0.72
117-84-0	Di-n-octyl phthalate	49.9		10	0.69
205-99-2	Benzo[b]fluoranthene	56.6		1.0	0.44
207-08-9	Benzo[k]fluoranthene	48.1		1.0	0.18
50-32-8	Benzo[a]pyrene	62.2		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	80.4		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	78.7		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	81.8		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	51.4		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		49-125
1718-51-0	Terphenyl-d14	56		28-150
321-60-8	2-Fluorobiphenyl	58		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30374.D
Lims ID: LCS 460-394928/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Oct-2016 17:27:30 ALS Bottle#: 44 Worklist Smp#: 44
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-044
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 12-Oct-2016 01:32:16 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 12-Oct-2016 01:32:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.631	-0.001	90	364506	10.0	3.52	
2 N-Nitrosodimethylamine	74	1.862	1.865	-0.003	83	544291	10.0	3.73	
3 Pyridine	79	1.897	1.888	0.009	93	603229	10.0	2.85	
$ 4 2-Fluorophenol	112	3.124	3.099	0.025	95	697238	10.0	3.20	
8 Aniline	93	3.985	3.989	-0.004	98	1870014	10.0	5.54	
$ 6 Phenol-d5	99	4.055	4.036	0.019	58	578693	10.0	1.93	
9 Bis(2-chloroethyl)ether	93	4.044	4.047	-0.003	95	1653463	10.0	6.17	
7 Phenol	94	4.067	4.047	0.020	96	613594	10.0	2.06	
10 Benzonitrile	103	4.055	4.059	-0.004	94	2385848	10.0	6.34	
11 2-Chlorophenol	128	4.138	4.141	-0.003	86	828594	10.0	6.17	
12 n-Decane	43	4.149	4.153	-0.004	87	768590	10.0	3.85	
13 1,3-Dichlorobenzene	146	4.255	4.258	-0.003	87	759632	10.0	5.12	
* 14 1,4-Dichlorobenzene-d4	152	4.302	4.309	-0.007	93	812658	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.324	4.327	-0.003	85	726036	10.0	5.23	
17 Benzyl alcohol	108	4.465	4.465	0.000	94	746523	10.0	5.42	
18 1,2-Dichlorobenzene	146	4.477	4.477	0.000	86	719177	10.0	5.23	
20 2,2'-oxybis[1-chloropropan	45	4.581	4.583	-0.002	93	1817075	10.0	6.42	
19 2-Methylphenol	108	4.638	4.641	-0.003	87	962317	10.0	5.15	
23 N-Methylaniline	106	4.708	4.712	-0.004	80	1765572	10.0	6.32	
24 Acetophenone	105	4.719	4.724	-0.005	96	1839146	10.0	7.02	
25 N-Nitrosodi-n-propylamine	70	4.719	4.735	-0.016	94	946022	10.0	6.94	
26 3 & 4 Methylphenol	108	4.790	4.794	-0.004	68	937345	NC	NC	
21 4-Methylphenol	108	4.790	4.794	-0.004	98	909026	10.0	4.82	
27 Hexachloroethane	117	4.813	4.818	-0.005	91	448218	10.0	4.13	
$ 28 Nitrobenzene-d5	82	4.860	4.876	-0.016	89	1583936	10.0	6.17	
29 Nitrobenzene	77	4.884	4.888	-0.004	89	1717236	10.0	6.47	
30 n,n'-Dimethylaniline	120	4.884	4.888	-0.004	77	1446161	10.0	5.82	
31 Isophorone	82	5.119	5.134	-0.015	98	2724919	10.0	6.27	
32 2-Nitrophenol	139	5.199	5.204	-0.005	73	565484	10.0	7.73	
33 2,4-Dimethylphenol	122	5.293	5.298	-0.005	85	940173	10.0	7.14	
34 Bis(2-chloroethoxy)methane	93	5.340	5.345	-0.005	96	1784866	10.0	6.93	
35 Benzoic acid	122	5.421	5.474	-0.053	86	119325	10.0	2.70	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.502	5.498	0.004	92	807568	10.0	7.10	
37 1,2,4-Trichlorobenzene	180	5.525	5.533	-0.008	91	652618	10.0	4.58	
* 38 Naphthalene-d8	136	5.581	5.576	0.005	95	2185935	8.00	8.00	
39 Naphthalene	128	5.604	5.602	0.002	95	1786861	10.0	6.12	
40 4-Chloroaniline	127	5.675	5.671	0.004	92	1091006	10.0	7.22	
41 Hexachlorobutadiene	225	5.733	5.739	-0.006	92	443878	10.0	5.01	
44 4-Chloro-3-methylphenol	107	6.225	6.225	0.000	92	1104417	10.0	6.19	
45 2-Methylnaphthalene	142	6.295	6.295	0.000	81	1340731	10.0	6.10	
46 1-Methylnaphthalene	142	6.388	6.388	0.000	90	1305001	10.0	6.37	
47 Hexachlorocyclopentadiene	237	6.458	6.458	0.000	95	357570	10.0	4.38	
48 1,2,4,5-Tetrachlorobenzene	216	6.458	6.470	-0.012	91	680272	10.0	5.06	
49 2-tertbutyl-4-methylphenol	149	6.527	6.528	-0.001	84	1245220	NC	NC	
50 2,4,6-Trichlorophenol	196	6.597	6.608	-0.011	80	590644	10.0	7.27	
$ 52 2-Fluorobiphenyl	172	6.655	6.664	-0.009	95	1749224	10.0	5.77	
51 2,4,5-Trichlorophenol	196	6.689	6.687	0.002	89	564803	10.0	6.54	
53 1,1'-Biphenyl	154	6.758	6.757	0.001	97	1572579	10.0	5.93	
54 2-Chloronaphthalene	162	6.770	6.781	-0.011	90	1236280	10.0	5.92	
55 Phenyl ether	170	6.863	6.862	0.001	90	1123887	10.0	6.96	
57 2-Nitroaniline	65	6.887	6.897	-0.010	85	622673	10.0	5.58	
58 1,3-Dimethylnaphthalene	156	6.990	6.992	-0.002	90	1101258	10.0	6.23	
59 Dimethyl phthalate	163	7.070	7.074	-0.004	94	1878575	10.0	7.41	
60 Coumarin	146	7.081	7.097	-0.016	68	566141	10.0	8.47	
61 2,6-Dinitrotoluene	165	7.128	7.131	-0.003	94	511916	10.0	8.00	
62 Acenaphthylene	152	7.186	7.189	-0.003	95	1807725	10.0	6.34	
63 3-Nitroaniline	138	7.301	7.305	-0.004	87	431229	10.0	7.21	
* 64 Acenaphthene-d10	164	7.325	7.322	0.003	92	1471700	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.348	7.351	-0.003	96	1218171	NC	NC	
66 Acenaphthene	154	7.359	7.362	-0.003	94	1167378	10.0	6.06	
67 2,4-Dinitrophenol	184	7.404	7.408	-0.004	94	387169	20.0	11.1	
70 2,4-Dinitrotoluene	165	7.522	7.523	-0.001	72	611573	10.0	7.89	
71 Dibenzofuran	168	7.522	7.535	-0.013	90	1868895	10.0	6.27	
69 4-Nitrophenol	65	7.627	7.592	0.035	85	226133	20.0	4.11	
72 2,3,4,6-Tetrachlorophenol	232	7.673	7.673	0.000	92	484561	10.0	6.99	
73 Diethyl phthalate	149	7.752	7.765	-0.013	95	1867734	10.0	7.16	
75 Fluorene	166	7.855	7.868	-0.013	91	1367869	10.0	6.03	
74 4-Chlorophenyl phenyl ethe	204	7.855	7.868	-0.013	77	790636	10.0	6.26	
76 4-Nitroaniline	138	7.914	7.915	-0.001	84	340144	10.0	6.41	
77 4,6-Dinitro-2-methylphenol	198	7.926	7.937	-0.011	81	660982	20.0	15.4	
78 N-Nitrosodiphenylamine	169	7.984	7.983	0.001	68	1266875	10.0	8.37	
79 1,2-Diphenylhydrazine	77	8.019	8.018	0.001	97	2331566	10.0	7.42	
$ 80 2,4,6-Tribromophenol	330	8.112	8.110	0.002	89	349017	10.0	6.49	
81 4-Bromophenyl phenyl ether	248	8.331	8.341	-0.010	72	533351	10.0	7.38	
82 Hexachlorobenzene	284	8.399	8.410	-0.011	95	621841	10.0	7.94	
85 Pentachloronitrobenzene	237	8.607	8.618	-0.011	87	311530	NC	NC	
84 Pentachlorophenol	266	8.618	8.618	0.000	91	522028	20.0	12.8	
86 n-Octadecane	57	8.675	8.674	0.001	92	1423794	10.0	7.84	
* 87 Phenanthrene-d10	188	8.778	8.779	-0.001	98	2045010	8.00	8.00	
88 Phenanthrene	178	8.800	8.801	-0.001	98	1822707	10.0	7.56	
89 Anthracene	178	8.845	8.857	-0.012	94	1906098	10.0	7.21	
90 Carbazole	167	9.019	9.020	-0.001	98	1802647	10.0	7.95	
91 Di-n-butyl phthalate	149	9.347	9.355	-0.008	97	2470378	10.0	7.51	
92 Fluoranthene	202	9.954	9.961	-0.007	94	1932394	10.0	6.94	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.095	10.090	0.005	99	363237	10.0	2.58	
94 Pyrene	202	10.175	10.182	-0.007	93	1990110	10.0	6.68	
95 Bisphenol-A	213	10.245	10.251	-0.006	0	426501	NC	NC	
$ 96 Terphenyl-d14	244	10.336	10.340	-0.004	99	1260138	10.0	5.59	
97 Butyl benzyl phthalate	149	10.847	10.850	-0.003	92	1176367	10.0	8.16	
99 Carbamazepine	193	10.974	10.988	-0.014	89	884559	10.0	9.67	
100 3,3'-Dichlorobenzidine	252	11.465	11.473	-0.008	98	748788	10.0	9.12	
101 Benzo[a]anthracene	228	11.487	11.495	-0.008	99	1571656	10.0	6.99	
* 102 Chrysene-d12	240	11.498	11.507	-0.009	99	1503730	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.532	11.529	0.003	90	1245162	10.0	8.01	
104 Chrysene	228	11.532	11.540	-0.008	97	1555160	10.0	7.79	
105 Di-n-octyl phthalate	149	12.372	12.374	-0.002	97	2334852	10.0	6.24	
106 Benzo[b]fluoranthene	252	12.872	12.883	-0.011	96	1924878	10.0	7.08	
107 Benzo[k]fluoranthene	252	12.918	12.917	0.001	97	1651491	10.0	6.02	
108 Benzo[a]pyrene	252	13.316	13.322	-0.006	97	1869306	10.0	7.77	
* 109 Perylene-d12	264	13.396	13.388	0.008	98	1896292	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.877	14.876	0.001	96	2115715	10.0	10.0	M
111 Dibenz(a,h)anthracene	278	14.910	14.909	0.001	98	2039738	10.0	9.84	
112 Benzo[g,h,i]perylene	276	15.279	15.280	-0.002	96	2365303	10.0	10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

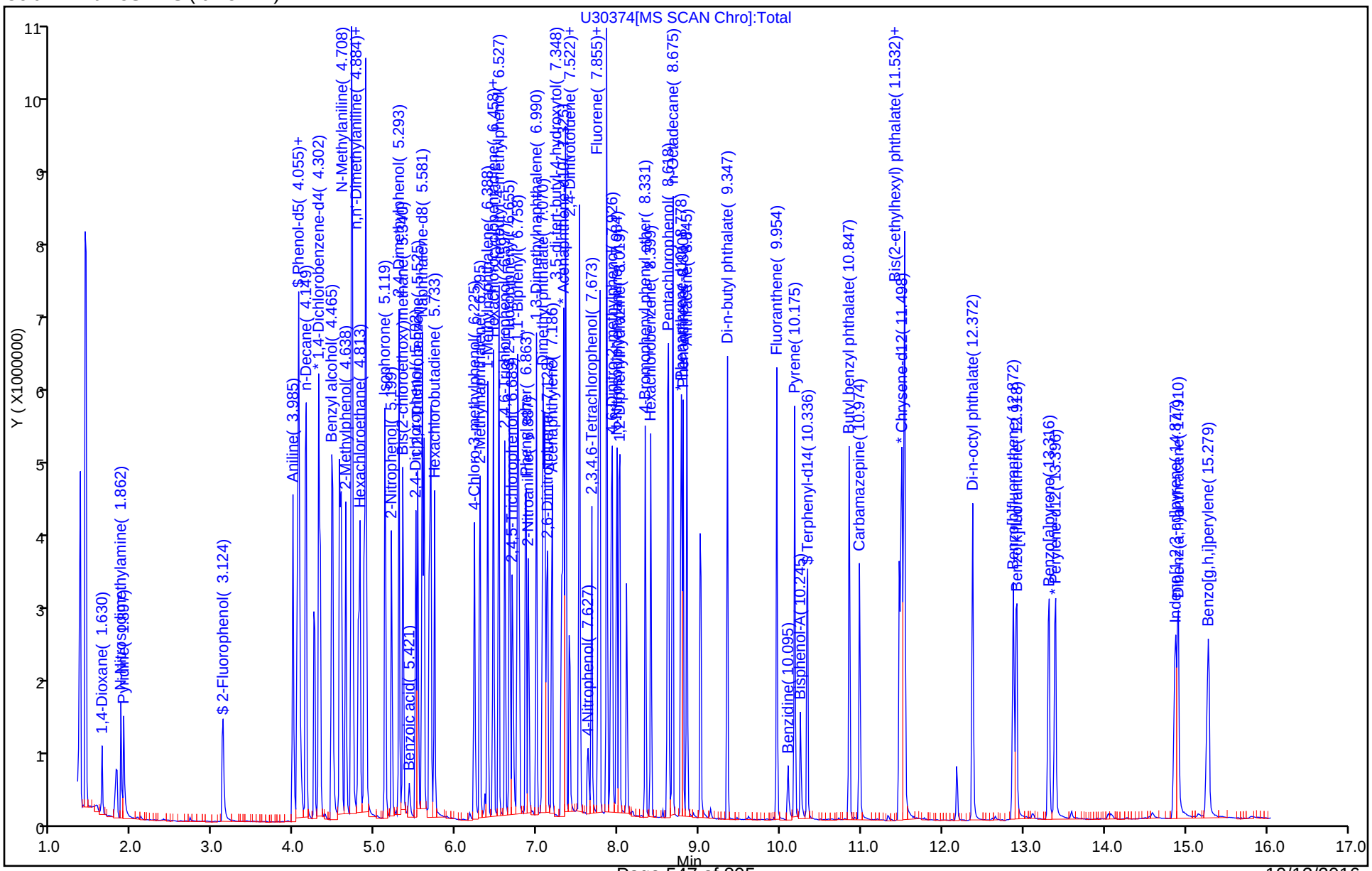
Report Date: 12-Oct-2016 01:32:17 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30374.D

Injection Date:	11-Oct-2016 17:27:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCS 460-394928/2-A			Worklist Smp#:	44
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	44
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

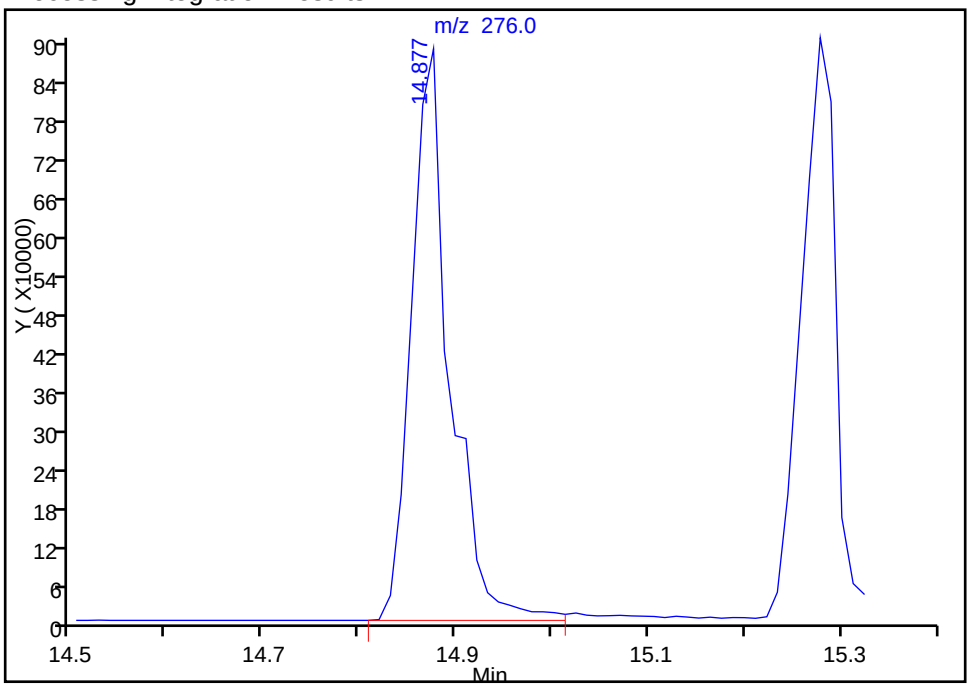
Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30374.D				
Injection Date:	11-Oct-2016 17:27:30	Instrument ID:	CBNAMS4		
Lims ID:	LCS 460-394928/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	44	Worklist Smp#:	44
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

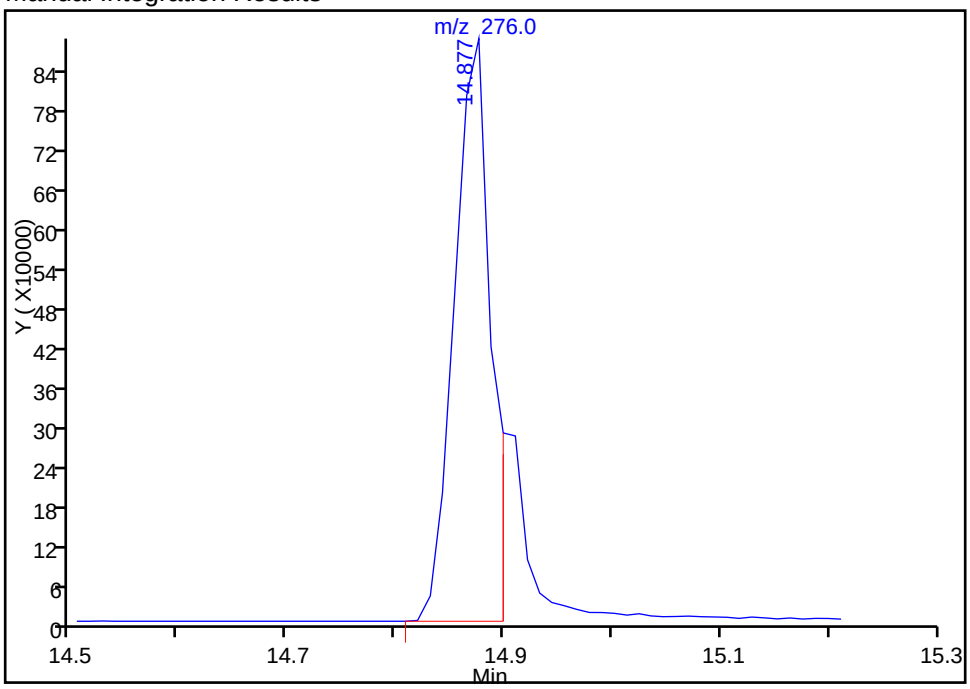
Processing Integration Results

RT: 14.88
Area: 2499127
Amount: 11.867869
Amount Units: ug/ml



Manual Integration Results

RT: 14.88
Area: 2115715
Amount: 10.047120
Amount Units: ug/ml



Reviewer: asfawa, 11-Oct-2016 23:21:25

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394928/3-A

Matrix: Water | Lab File ID: U30375.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
111-44-4	Bis(2-chloroethyl)ether	54.2		1.0	0.12
541-73-1	1,3-Dichlorobenzene	42.1		10	1.1
106-46-7	1,4-Dichlorobenzene	42.9		10	0.66
95-50-1	1,2-Dichlorobenzene	43.1		10	0.83
621-64-7	N-Nitrosodi-n-propylamine	59.0		1.0	0.83
67-72-1	Hexachloroethane	34.7		1.0	0.090
98-95-3	Nitrobenzene	51.7		1.0	0.49
78-59-1	Isophorone	52.3		10	0.67
111-91-1	Bis(2-chloroethoxy)methane	56.9		10	0.69
120-82-1	1,2,4-Trichlorobenzene	37.1		1.0	0.61
91-20-3	Naphthalene	49.0		10	0.80
106-47-8	4-Chloroaniline	57.7		10	0.73
87-68-3	Hexachlorobutadiene	39.1		1.0	0.76
91-57-6	2-Methylnaphthalene	47.9		10	0.88
77-47-4	Hexachlorocyclopentadiene	36.4		10	0.61
91-58-7	2-Chloronaphthalene	49.0		10	0.61
88-74-4	2-Nitroaniline	46.1		10	0.65
131-11-3	Dimethyl phthalate	56.5		10	0.98
208-96-8	Acenaphthylene	53.6		10	0.65
606-20-2	2,6-Dinitrotoluene	63.4		2.0	0.88
99-09-2	3-Nitroaniline	57.6		10	0.82
83-32-9	Acenaphthene	48.3		10	0.88
132-64-9	Dibenzofuran	48.0		10	0.85
121-14-2	2,4-Dinitrotoluene	62.5		2.0	1.0
84-66-2	Diethyl phthalate	57.6		10	1.0
7005-72-3	4-Chlorophenyl phenyl ether	51.6		10	0.96
86-73-7	Fluorene	49.5		10	0.80
100-01-6	4-Nitroaniline	50.6		10	0.48
86-30-6	N-Nitrosodiphenylamine	70.0		10	0.74
101-55-3	4-Bromophenyl phenyl ether	62.6		10	1.0
118-74-1	Hexachlorobenzene	64.4		1.0	0.47
85-01-8	Phenanthrene	59.5		10	0.65
120-12-7	Anthracene	57.1		10	0.57
86-74-8	Carbazole	58.8		10	0.85

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394928/3-A

Matrix: Water | Lab File ID: U30375.D

Analysis Method: 625 | Date Collected:

Extract. Method: 625 | Date Extracted: 10/04/2016 20:14

Sample wt/vol: 250(mL) | Date Analyzed: 10/11/2016 17:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 396356 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
84-74-2	Di-n-butyl phthalate	59.2		10	0.82
206-44-0	Fluoranthene	55.8		10	0.72
129-00-0	Pyrene	52.2		10	0.83
85-68-7	Butyl benzyl phthalate	67.0		10	0.60
91-94-1	3,3'-Dichlorobenzidine	77.6		10	1.0
56-55-3	Benzo[a]anthracene	59.1		1.0	0.55
218-01-9	Chrysene	63.3		2.0	0.67
117-81-7	Bis(2-ethylhexyl) phthalate	64.2		2.0	0.72
117-84-0	Di-n-octyl phthalate	53.0		10	0.69
205-99-2	Benzo[b]fluoranthene	55.6		1.0	0.44
207-08-9	Benzo[k]fluoranthene	61.0		1.0	0.18
50-32-8	Benzo[a]pyrene	63.2		1.0	0.16
193-39-5	Indeno[1,2,3-cd]pyrene	89.8		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	82.7		1.0	0.090
191-24-2	Benzo[g,h,i]perylene	85.4		10	0.75
108-60-1	bis (2-chloroisopropyl) ether	59.1		10	0.93

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		49-125
1718-51-0	Terphenyl-d14	61		28-150
321-60-8	2-Fluorobiphenyl	60		44-129

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30375.D
Lims ID: LCSD 460-394928/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Oct-2016 17:47:30 ALS Bottle#: 45 Worklist Smp#: 45
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046722-045
Operator ID: Instrument ID: CBNAMS4

Method: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\8270LVI_R4.m
Limit Group: SV 625 ICAL
Last Update: 12-Oct-2016 01:32:50 Calib Date: 06-Oct-2016 16:13:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS4\20161006-46519.b\U30064.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK035

First Level Reviewer: bayoumiw Date: 12-Oct-2016 01:32:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.631	-0.001	91	405268	10.0	3.97	
2 N-Nitrosodimethylamine	74	1.863	1.865	-0.002	85	593882	10.0	4.13	
3 Pyridine	79	1.898	1.888	0.010	91	781228	10.0	3.74	
$ 4 2-Fluorophenol	112	3.120	3.099	0.021	95	751861	10.0	3.50	
8 Aniline	93	3.983	3.989	-0.006	98	2056578	10.0	6.17	
$ 6 Phenol-d5	99	4.053	4.036	0.017	86	680159	10.0	2.30	
9 Bis(2-chloroethyl)ether	93	4.042	4.047	-0.005	95	1792020	10.0	6.78	
7 Phenol	94	4.064	4.047	0.017	93	754238	10.0	2.56	
10 Benzonitrile	103	4.053	4.059	-0.006	97	2653920	10.0	7.14	
11 2-Chlorophenol	128	4.146	4.141	0.005	85	879483	10.0	6.63	
12 n-Decane	43	4.146	4.153	-0.007	86	778036	10.0	3.94	
13 1,3-Dichlorobenzene	146	4.251	4.258	-0.007	85	770160	10.0	5.26	
* 14 1,4-Dichlorobenzene-d4	152	4.310	4.309	0.001	93	802446	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.321	4.327	-0.006	88	734830	10.0	5.37	
17 Benzyl alcohol	108	4.462	4.465	-0.003	94	848016	10.0	6.24	
18 1,2-Dichlorobenzene	146	4.474	4.477	-0.003	83	732617	10.0	5.39	
20 2,2'-oxybis[1-chloropropan	45	4.580	4.583	-0.003	93	2064600	10.0	7.39	
19 2-Methylphenol	108	4.637	4.641	-0.004	87	1028035	10.0	5.58	
23 N-Methylaniline	106	4.707	4.712	-0.005	81	1876506	10.0	6.80	
24 Acetophenone	105	4.719	4.724	-0.005	94	1917209	10.0	7.41	
25 N-Nitrosodi-n-propylamine	70	4.719	4.735	-0.016	94	992173	10.0	7.38	
26 3 & 4 Methylphenol	108	4.790	4.794	-0.004	68	1027612	NC	NC	
21 4-Methylphenol	108	4.790	4.794	-0.004	92	985002	10.0	5.28	
27 Hexachloroethane	117	4.813	4.818	-0.005	91	465008	10.0	4.34	
$ 28 Nitrobenzene-d5	82	4.860	4.876	-0.016	88	1726196	10.0	6.43	
29 Nitrobenzene	77	4.884	4.888	-0.004	88	1792619	10.0	6.47	
30 n,n'-Dimethylaniline	120	4.884	4.888	-0.004	77	1532183	10.0	6.24	
31 Isophorone	82	5.129	5.134	-0.005	98	2972184	10.0	6.54	
32 2-Nitrophenol	139	5.199	5.204	-0.005	71	615730	10.0	8.05	
33 2,4-Dimethylphenol	122	5.293	5.298	-0.005	84	939578	10.0	6.84	
34 Bis(2-chloroethoxy)methane	93	5.339	5.345	-0.006	96	1914238	10.0	7.12	
35 Benzoic acid	122	5.421	5.474	-0.053	86	122384	10.0	2.67	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.503	5.498	0.005	90	856424	10.0	7.21	
37 1,2,4-Trichlorobenzene	180	5.526	5.533	-0.007	91	690537	10.0	4.64	
* 38 Naphthalene-d8	136	5.583	5.576	0.007	96	2283482	8.00	8.00	
39 Naphthalene	128	5.606	5.602	0.004	95	1869075	10.0	6.13	
40 4-Chloroaniline	127	5.664	5.671	-0.007	90	1137934	10.0	7.21	
41 Hexachlorobutadiene	225	5.733	5.739	-0.006	92	452454	10.0	4.89	
44 4-Chloro-3-methylphenol	107	6.223	6.225	-0.002	91	1201309	10.0	6.45	
45 2-Methylnaphthalene	142	6.292	6.295	-0.003	81	1374561	10.0	5.99	
46 1-Methylnaphthalene	142	6.386	6.388	-0.002	89	1297344	10.0	6.06	
47 Hexachlorocyclopentadiene	237	6.456	6.458	-0.002	95	386456	10.0	4.55	
48 1,2,4,5-Tetrachlorobenzene	216	6.467	6.470	-0.003	96	720826	10.0	5.15	
49 2-tertbutyl-4-methylphenol	149	6.524	6.528	-0.004	82	1294028	NC	NC	
50 2,4,6-Trichlorophenol	196	6.607	6.608	-0.001	89	599744	10.0	7.10	
$ 52 2-Fluorobiphenyl	172	6.654	6.664	-0.010	95	1882385	10.0	5.97	
51 2,4,5-Trichlorophenol	196	6.689	6.687	0.002	90	603434	10.0	6.72	
53 1,1'-Biphenyl	154	6.758	6.757	0.001	98	1679394	10.0	6.09	
54 2-Chloronaphthalene	162	6.769	6.781	-0.012	91	1330473	10.0	6.12	
55 Phenyl ether	170	6.861	6.862	-0.001	86	1141928	10.0	6.79	
57 2-Nitroaniline	65	6.884	6.897	-0.013	87	669031	10.0	5.76	
58 1,3-Dimethylnaphthalene	156	6.988	6.992	-0.004	90	1137568	10.0	6.19	
59 Dimethyl phthalate	163	7.069	7.074	-0.005	95	1863460	10.0	7.06	
60 Coumarin	146	7.081	7.097	-0.016	69	608446	10.0	8.71	
61 2,6-Dinitrotoluene	165	7.128	7.131	-0.003	91	527768	10.0	7.92	
62 Acenaphthylene	152	7.187	7.189	-0.002	95	1987461	10.0	6.70	
63 3-Nitroaniline	138	7.302	7.305	-0.003	87	447491	10.0	7.20	
* 64 Acenaphthene-d10	164	7.325	7.322	0.003	92	1531110	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.348	7.351	-0.003	96	1290371	NC	NC	
66 Acenaphthene	154	7.359	7.362	-0.003	95	1208231	10.0	6.03	
67 2,4-Dinitrophenol	184	7.394	7.408	-0.014	77	388815	20.0	10.8	
70 2,4-Dinitrotoluene	165	7.522	7.523	-0.001	81	630174	10.0	7.81	
71 Dibenzofuran	168	7.522	7.535	-0.013	90	1859066	10.0	6.00	
69 4-Nitrophenol	65	7.615	7.592	0.023	83	255897	20.0	4.47	
72 2,3,4,6-Tetrachlorophenol	232	7.673	7.673	0.000	93	527710	10.0	7.32	
73 Diethyl phthalate	149	7.754	7.765	-0.011	95	1952919	10.0	7.20	
75 Fluorene	166	7.859	7.868	-0.009	91	1462392	10.0	6.19	
74 4-Chlorophenyl phenyl ethe	204	7.859	7.868	-0.009	78	847069	10.0	6.45	
76 4-Nitroaniline	138	7.905	7.915	-0.010	85	349207	10.0	6.33	
77 4,6-Dinitro-2-methylphenol	198	7.928	7.937	-0.009	90	702689	20.0	16.4	
78 N-Nitrosodiphenylamine	169	7.987	7.983	0.004	67	1321632	10.0	8.74	
79 1,2-Diphenylhydrazine	77	8.010	8.018	-0.008	96	2435353	10.0	7.75	
$ 80 2,4,6-Tribromophenol	330	8.102	8.110	-0.008	89	339880	10.0	6.07	
81 4-Bromophenyl phenyl ether	248	8.332	8.341	-0.009	74	564622	10.0	7.82	
82 Hexachlorobenzene	284	8.399	8.410	-0.011	95	629521	10.0	8.05	
85 Pentachloronitrobenzene	237	8.608	8.618	-0.010	86	307852	NC	NC	
84 Pentachlorophenol	266	8.619	8.618	0.001	90	510969	20.0	12.6	
86 n-Octadecane	57	8.675	8.674	0.001	91	1476029	10.0	8.14	
* 87 Phenanthrene-d10	188	8.779	8.779	0.000	98	2042700	8.00	8.00	
88 Phenanthrene	178	8.801	8.801	0.000	98	1791954	10.0	7.44	
89 Anthracene	178	8.847	8.857	-0.010	94	1883633	10.0	7.13	
90 Carbazole	167	9.010	9.020	-0.010	98	1664369	10.0	7.35	
91 Di-n-butyl phthalate	149	9.348	9.355	-0.007	97	2432369	10.0	7.41	
92 Fluoranthene	202	9.956	9.961	-0.005	94	1940936	10.0	6.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	10.095	10.090	0.005	99	631647	10.0	4.49	
94 Pyrene	202	10.174	10.182	-0.008	94	1890833	10.0	6.53	
95 Bisphenol-A	213	10.243	10.251	-0.008	0	422617	NC	NC	
$ 96 Terphenyl-d14	244	10.334	10.340	-0.006	99	1332950	10.0	6.09	
97 Butyl benzyl phthalate	149	10.847	10.850	-0.003	92	1173277	10.0	8.38	
99 Carbamazepine	193	10.973	10.988	-0.015	89	917549	10.0	10.2	
100 3,3'-Dichlorobenzidine	252	11.472	11.473	-0.001	97	774401	10.0	9.70	
101 Benzo[a]anthracene	228	11.494	11.495	-0.001	99	1614939	10.0	7.39	
* 102 Chrysene-d12	240	11.505	11.507	-0.002	99	1460915	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.528	11.529	-0.001	93	1212614	10.0	8.03	
104 Chrysene	228	11.539	11.540	-0.001	97	1535861	10.0	7.92	
105 Di-n-octyl phthalate	149	12.366	12.374	-0.008	96	2400852	10.0	6.62	
106 Benzo[b]fluoranthene	252	12.869	12.883	-0.014	96	1831999	10.0	6.95	
107 Benzo[k]fluoranthene	252	12.914	12.917	-0.003	97	2027582	10.0	7.62	
108 Benzo[a]pyrene	252	13.310	13.322	-0.012	97	1840610	10.0	7.89	
* 109 Perylene-d12	264	13.390	13.388	0.002	98	1837469	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.879	14.876	0.003	96	2290543	10.0	11.2	M
111 Dibenz(a,h)anthracene	278	14.913	14.909	0.004	99	2077628	10.0	10.3	
112 Benzo[g,h,i]perylene	276	15.283	15.280	0.003	96	2391663	10.0	10.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_LVI_00144 Amount Added: 20.00 Units: uL Run Reagent

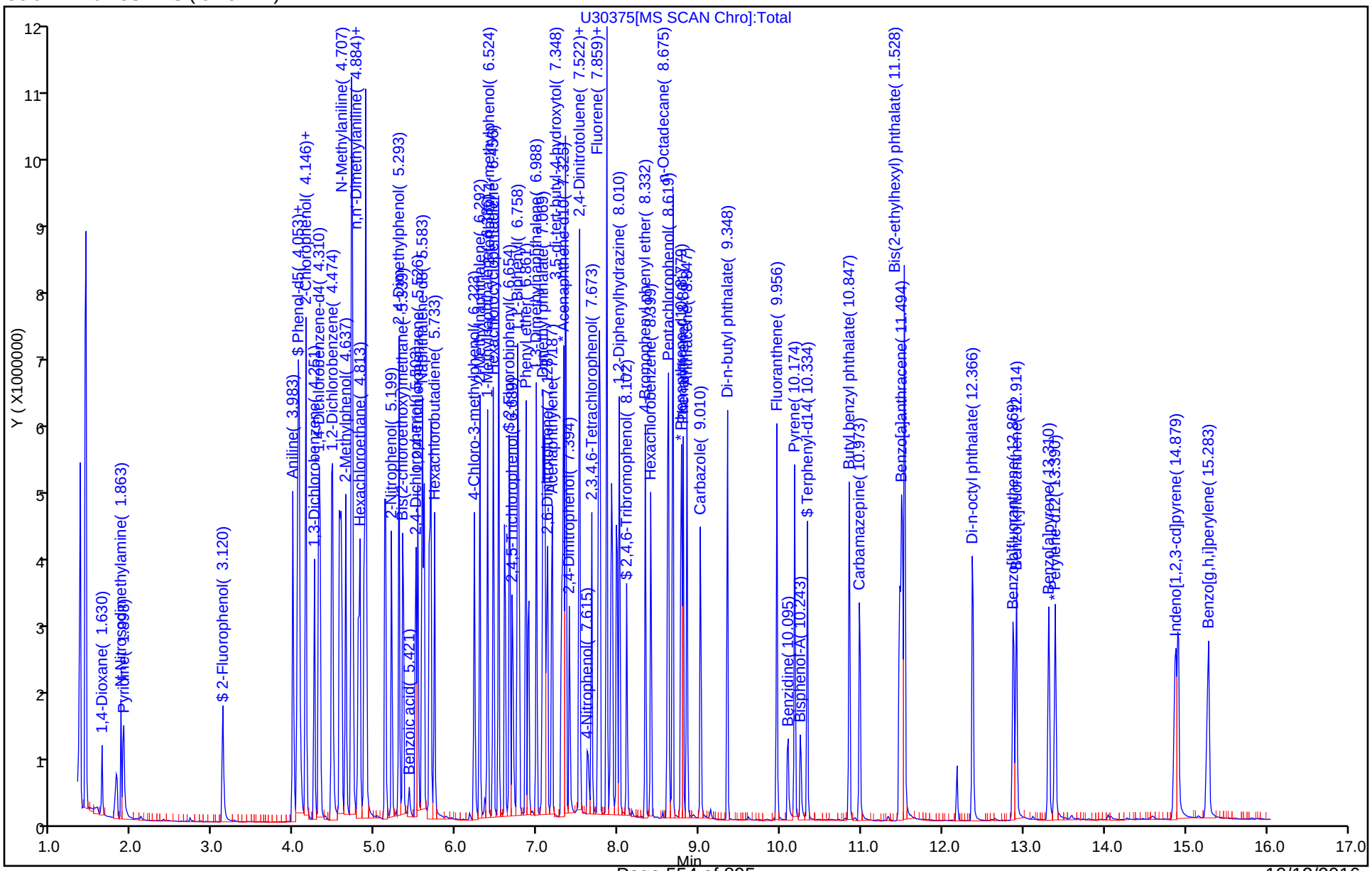
Report Date: 12-Oct-2016 01:32:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30375.D

Injection Date:	11-Oct-2016 17:47:30	Instrument ID:	CBNAMS4	Operator ID:	
Lims ID:	LCSD 460-394928/3-A			Worklist Smp#:	45
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	45
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

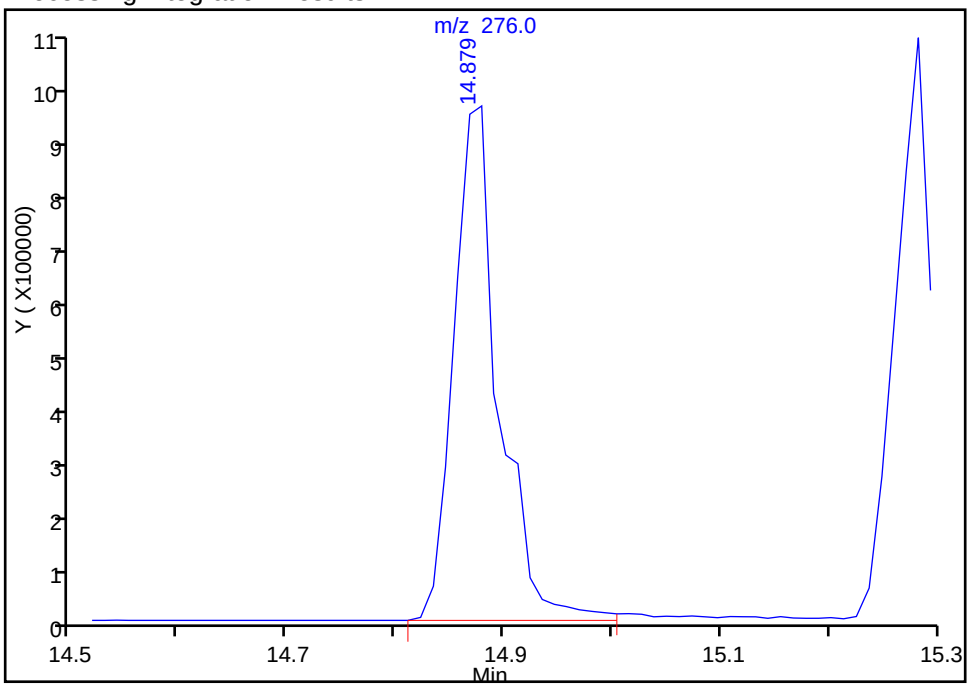
Data File:	\\ChromNA\Edison\ChromData\CBNAMS4\20161011-46722.b\U30375.D				
Injection Date:	11-Oct-2016 17:47:30	Instrument ID:	CBNAMS4		
Lims ID:	LCSD 460-394928/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	45	Worklist Smp#:	45
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R4	Limit Group:	SV 625 ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

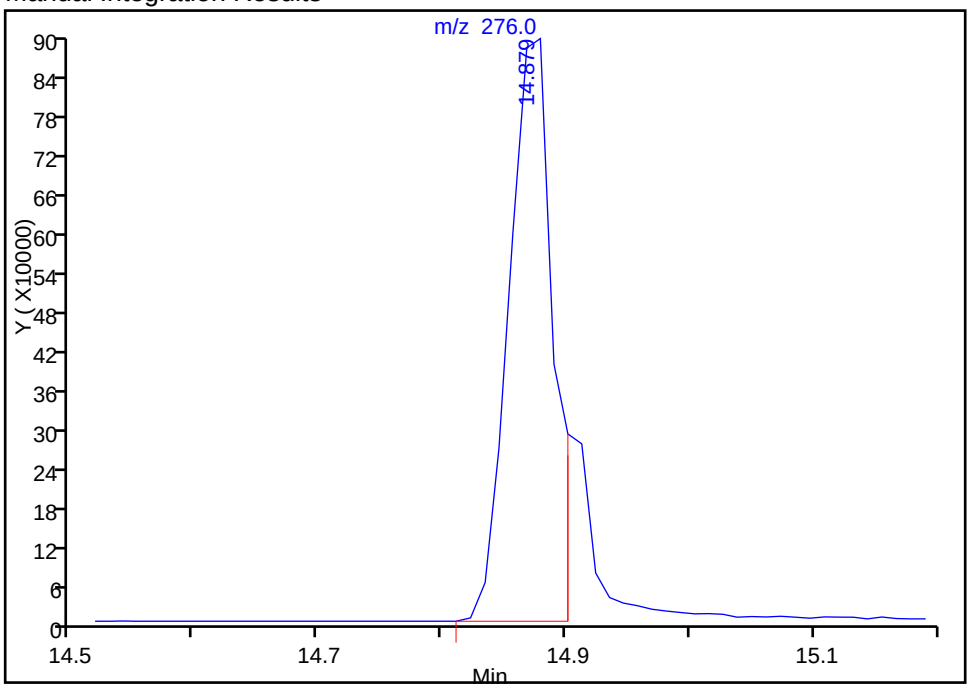
Processing Integration Results

RT: 14.88
Area: 2637132
Amount: 12.924134
Amount Units: ug/ml



Manual Integration Results

RT: 14.88
Area: 2290543
Amount: 11.225561
Amount Units: ug/ml



Reviewer: asfawa, 11-Oct-2016 23:23:20

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 10/06/2016 10:24

Analysis Batch Number: 395361 End Date: 10/06/2016 16:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-395361/1		10/06/2016 10:24	1	U30049.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-395361/2		10/06/2016 10:46	1	U30050.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-395361/3 IC		10/06/2016 11:20	1	U30051.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-395361/4 IC		10/06/2016 11:42	1	U30052.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-395361/5 IC		10/06/2016 12:04	1	U30053.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-395361/6 IC		10/06/2016 12:26	1	U30054.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-395361/7 IC		10/06/2016 12:48	1	U30055.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-395361/8 IC		10/06/2016 13:10	1	U30056.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-395361/9 IC		10/06/2016 13:38	1	U30057.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-395361/10 IC		10/06/2016 14:00	1		Rtxi-5Sil MS 0.25(mm)
STD24 460-395361/11 IC		10/06/2016 14:23	1		Rtxi-5Sil MS 0.25(mm)
STD16 460-395361/12 IC		10/06/2016 14:45	1		Rtxi-5Sil MS 0.25(mm)
STD4 460-395361/13 IC		10/06/2016 15:07	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-395361/14 IC		10/06/2016 15:29	1		Rtxi-5Sil MS 0.25(mm)
STD1 460-395361/15 IC		10/06/2016 15:51	1		Rtxi-5Sil MS 0.25(mm)
STD02 460-395361/16 IC		10/06/2016 16:13	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-395361/17		10/06/2016 16:35	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-395361/18		10/06/2016 16:58	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CBNAMS4 Start Date: 10/11/2016 02:04

Analysis Batch Number: 396356 End Date: 10/12/2016 01:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-396356/1		10/11/2016 02:04	1	U30331.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-396356/2		10/11/2016 02:53	1	U30332A.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-396356/3		10/11/2016 03:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 14:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 14:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 14:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 15:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 15:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 15:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 16:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 16:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 16:47	1		Rtxi-5Sil MS 0.25(mm)
MB 460-394928/1-A		10/11/2016 17:07	1	U30373.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-394928/2-A		10/11/2016 17:27	1	U30374.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-394928/3-A		10/11/2016 17:47	1	U30375.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 18:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 18:28	1		Rtxi-5Sil MS 0.25(mm)
460-121208-2		10/11/2016 18:48	1	U30378.D	Rtxi-5Sil MS 0.25(mm)
460-121208-4		10/11/2016 19:08	1	U30379.D	Rtxi-5Sil MS 0.25(mm)
460-121208-5		10/11/2016 19:28	1	U30380.D	Rtxi-5Sil MS 0.25(mm)
460-121208-6		10/11/2016 19:48	1	U30381.D	Rtxi-5Sil MS 0.25(mm)
460-121208-7		10/11/2016 20:08	1	U30382.D	Rtxi-5Sil MS 0.25(mm)
460-121208-3		10/11/2016 20:48	1	U30384.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 21:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 21:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 21:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 22:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 22:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 22:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/11/2016 23:30	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/12/2016 00:30	1		Rtxi-5Sil MS 0.25(mm)
460-121208-1		10/12/2016 00:50	1	U30396.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/12/2016 01:24	2		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 394928 Batch Start Date: 10/04/16 20:13 Batch Analyst: Rivera, Rene A

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00021
MB 460-394928/1		3510C, 625		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-394928/2		3510C, 625		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
LCSD 460-394928/3		3510C, 625		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00010					
MB 460-394928/1		3510C, 625		200 uL					
LCS 460-394928/2		3510C, 625		200 uL					
LCSD 460-394928/3		3510C, 625		200 uL					

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid Used for pH Adjustment ID	143508
Base used for pH adjustment	NaOH
Base Used to Adjust pH ID	OP1884
Batch Comment	3510C LVI 625
Analyst ID - Concentration	RAR
N-evap ID	222299
N-evap Temperature	35 Degrees C
Na2SO4 ID	144042
Prep Solvent ID	131220
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	RAR
Analyst ID - Reagent Drop Witness	RAR
Uncorrected N-evap Temperature	35 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.

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 394928 Batch Start Date: 10/04/16 20:13 Batch Analyst: Rivera, Rene A

Batch Method: 3510C 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.: 460-121208-1

SDG No.:

Batch Number: 394928 Batch Start Date: 10/04/16 20:13 Batch Analyst: Rivera, Rene A

Batch Method: 625 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNASurroga 00010
460-121208-G-1	MW-14	625, 625	T	6 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-121208-G-2	MW-9	625, 625	T	6 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-121208-G-3	MW-14 Filtered	625, 625	T	6 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-121208-E-4	MW-22	625, 625	T	6 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-121208-G-5	MW-18	625, 625	T	6 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-121208-D-6	MW-18 Filtered	625, 625	T	6 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-121208-G-7	FB_20160930	625, 625	T	5 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
460-121208-G-1	MW-14	625, 625	T	Bad Metrix					
460-121208-G-2	MW-9	625, 625	T						
460-121208-G-3	MW-14 Filtered	625, 625	T	Bad Metrix					
460-121208-E-4	MW-22	625, 625	T						
460-121208-G-5	MW-18	625, 625	T						
460-121208-D-6	MW-18 Filtered	625, 625	T						
460-121208-G-7	FB_20160930	625, 625	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 394928 Batch Start Date: 10/04/16 20:13 Batch Analyst: Rivera, Rene A

Batch Method: 625 Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid Used for pH Adjustment ID	143508
Base used for pH adjustment	NaOH
Base Used to Adjust pH ID	OP1884
Batch Comment	3510C LVI 625
Analyst ID - Concentration	RAR
N-evap ID	222299
N-evap Temperature	35 Degrees C
Na2SO4 ID	144042
Prep Solvent ID	131220
Prep Solvent Name	MECL2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	RAR
Analyst ID - Reagent Drop Witness	RAR
Uncorrected N-evap Temperature	35 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.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	DCBP1	#	DCBP2	#
MW-14 DL	460-121208-1 DL	117	D	108	D
MW-9	460-121208-2	67		59	
MW-14 Filtered	460-121208-3	77		56	
MW-22	460-121208-4	80		69	
MW-18 DL	460-121208-5 DL	109	D	99	D
MW-18 Filtered	460-121208-6	78		69	
FB_20160930	460-121208-7	105		97	
	MB 460-394557/1-A	113		105	
	MB 460-394557/1-A RA	110		105	
	LCS 460-394557/2-A	100		95	
	LCS 460-394557/2-A RA	99		94	
	LCSD 460-394557/3-A	91		87	
	LCSD 460-394557/3-A RA	88		85	

	QC LIMITS
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334125.D

Lab ID: LCS 460-394557/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	4.00	100	77-150	
Aroclor 1016	4.00	4.34	109	77-150	
Aroclor 1260	4.00	4.30	108	80-150	
Aroclor 1260	4.00	4.67	117	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334168.D

Lab ID: LCS 460-394557/2-A RA Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	3.87	97	77-150	
Aroclor 1016	4.00	4.08	102	77-150	
Aroclor 1260	4.00	4.26	107	80-150	
Aroclor 1260	4.00	4.54	114	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334126.D

Lab ID: LCSD 460-394557/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	4.00	3.59	90	11	30	77-150	
Aroclor 1016	4.00	3.86	97	12	30	77-150	
Aroclor 1260	4.00	3.92	98	9	30	80-150	
Aroclor 1260	4.00	4.24	106	10	30	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water Level: Low Lab File ID: T1334165.D

Lab ID: LCSD 460-394557/3-A RA Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	4.00	3.57	89	8	30	77-150	
Aroclor 1016	4.00	3.77	94	8	30	77-150	
Aroclor 1260	4.00	3.78	94	12	30	80-150	
Aroclor 1260	4.00	4.04	101	12	30	80-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: MB 460-394557/1-A

Matrix: Water Date Extracted: 10/03/2016 13:55

Lab File ID:(1) T1334124.D Lab File ID:(2) T1334124.D

Date Analyzed:(1) 10/04/2016 14:24 Date Analyzed:(2) 10/04/2016 14:24

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) Rtx-CLP 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 460-394557/2-A	10/04/2016 14:39	10/04/2016 14:39
	LCSD 460-394557/3-A	10/04/2016 14:54	10/04/2016 14:54
FB_20160930	460-121208-7	10/04/2016 20:28	10/04/2016 20:28

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: MB 460-394557/1-A

Matrix: Water Date Extracted: 10/03/2016 13:55

Lab File ID:(1) T1334169.D Lab File ID:(2) T1334169.D

Date Analyzed:(1) 10/05/2016 10:44 Date Analyzed:(2) 10/05/2016 10:44

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) Rtx-CLP 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
	LCSD 460-394557/3-A RA	10/05/2016 09:43	10/05/2016 09:43
	LCS 460-394557/2-A RA	10/05/2016 10:29	10/05/2016 10:29
MW-14 DL	460-121208-1 DL	10/05/2016 11:43	10/05/2016 11:43
MW-9	460-121208-2	10/05/2016 11:58	10/05/2016 11:58
MW-14 Filtered	460-121208-3	10/05/2016 12:47	10/05/2016 12:47
MW-22	460-121208-4	10/05/2016 13:01	10/05/2016 13:01
MW-18 Filtered	460-121208-6	10/05/2016 13:31	10/05/2016 13:31
MW-18 DL	460-121208-5 DL	10/05/2016 13:58	10/05/2016 13:58

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N

Calibration ID: 56313

		DCBP					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION SURROGATE		171272113	10.54				
UPPER LIMIT			10.61				
LOWER LIMIT			10.47				
LAB SAMPLE ID	CLIENT SAMPLE ID						

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N

Calibration ID: 56314

		DCBP					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION SURROGATE		200322733	9.07				
UPPER LIMIT			9.14				
LOWER LIMIT			9.00				
LAB SAMPLE ID	CLIENT SAMPLE ID						

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-394836/2 Date Analyzed: 10/04/2016 13:23

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1334122.D Heated Purge: (Y/N) N

Calibration ID: 56355

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		53483706	1.49				
UPPER LIMIT		106967412	1.56				
LOWER LIMIT		26741853	1.42				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394557/1-A		48309587	1.49				
LCS 460-394557/2-A		47553381	1.49				
LCSD 460-394557/3-A		52221709	1.49				
460-121208-7	FB_20160930	46676761	1.49				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-394836/2 Date Analyzed: 10/04/2016 13:23

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1334122.D Heated Purge: (Y/N) N

Calibration ID: 56356

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		54263474	1.32				
UPPER LIMIT		108526948	1.39				
LOWER LIMIT		27131737	1.25				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-394557/1-A		48128099	1.32				
LCS 460-394557/2-A		48895040	1.32				
LCSD 460-394557/3-A		54028787	1.32				
460-121208-7	FB_20160930	45450407	1.32				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-395004/2 Date Analyzed: 10/05/2016 06:37

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): T1334153.D Heated Purge: (Y/N) N

Calibration ID: 56355

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		55915806	1.49				
UPPER LIMIT		111831612	1.56				
LOWER LIMIT		27957903	1.42				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-395004/3		44045331	1.49				
LCSD 460-394557/3-A RA		54329502	1.49				
LCS 460-394557/2-A RA		50896351	1.49				
MB 460-394557/1-A RA		51152161	1.49				
460-121208-1 DL	MW-14 DL	48711010	1.49				
460-121208-2	MW-9	61756873	1.49				
460-121208-3	MW-14 Filtered	76241720	1.49				
460-121208-4	MW-22	57224637	1.49				
460-121208-6	MW-18 Filtered	58703218	1.49				
460-121208-5 DL	MW-18 DL	46336558	1.49				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Sample No.: CCVIS 460-395004/2 Date Analyzed: 10/05/2016 06:37

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): T1334153.D Heated Purge: (Y/N) N

Calibration ID: 56356

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		57555136	1.32				
UPPER LIMIT		115110272	1.39				
LOWER LIMIT		28777568	1.25				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-395004/3		45213937	1.32				
LCSD 460-394557/3-A RA		56446780	1.32				
LCS 460-394557/2-A RA		53156677	1.32				
MB 460-394557/1-A RA		52790864	1.32				
460-121208-1 DL	MW-14 DL	48530231	1.32				
460-121208-2	MW-9	60463428	1.32				
460-121208-3	MW-14 Filtered	61660788	1.32				
460-121208-4	MW-22	51933303	1.32				
460-121208-6	MW-18 Filtered	57320434	1.32				
460-121208-5 DL	MW-18 DL	45645408	1.32				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 DL Lab Sample ID: 460-121208-1 DL

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 11:43 Date Analyzed (2): 10/05/2016 11:43

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	10.4	24	22.1
		2	2.63	2.60	2.66	22.1		
		3	2.81	2.80	2.86	38.1		
		4	3.10	3.07	3.13	22.3		
		5	3.24	3.21	3.27	17.6		
		6	3.67	3.64	3.70	33.4		
		7	4.14	4.09	4.15	22.6		
		8	4.35	4.32	4.38	28.7		
	2	1	2.93	2.90	2.96	9.43	20	
		2	3.40	3.37	3.43	19.7		
		3	3.66	3.63	3.69	18.5		
		4	3.91	3.88	3.94	20.9		
		5	4.06	4.04	4.10	15.7		
		6	4.74	4.71	4.77	28.7		
		7	5.04	5.01	5.07	18.1		
		8	5.09	5.06	5.12	25.4		
Aroclor 1260	1	1	4.98	4.95	5.01	4.47	3.4	3.5
		2	5.59	5.56	5.62	3.91		
		3	5.73	5.70	5.76	3.55		
		4	6.03	6.00	6.06	3.18		
		5	6.46	6.43	6.49	3.16		
		6	6.87	6.84	6.90	2.90		
		7	7.00	6.97	7.03	2.84		
		8	7.94	7.91	7.97	2.89		
	2	1	5.89	5.87	5.93	4.54	3.2	
		2	6.10	6.07	6.13	3.90		
		3	6.41	6.38	6.44	3.40		
		4	7.10	7.07	7.13	3.09		
		5	7.59	7.56	7.62	3.20		
		6	8.08	8.05	8.11	2.76		
		7	8.79	8.77	8.83	2.70		
		8	9.88	9.85	9.91	2.36		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered Lab Sample ID: 460-121208-3

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 12:47 Date Analyzed (2): 10/05/2016 12:47

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	0.338	0.40	28.3
		2	2.63	2.60	2.66	0.218		
		3	2.81	2.80	2.86	0.384		
		4	3.10	3.07	3.13	0.351		
		5	3.24	3.21	3.27	0.196		
		6	3.67	3.64	3.70	0.696		
		7	4.14	4.09	4.15	0.416		
		8	4.35	4.32	4.38	0.628		
	2	1	2.94	2.90	2.96	0.0988	0.30	
		2	3.40	3.37	3.43	0.179		
		3	3.67	3.63	3.69	0.166		
		4	3.92	3.88	3.94	0.316		
		5	4.07	4.04	4.10	0.167		
		6	4.74	4.71	4.77	0.447		
		7	5.05	5.01	5.07	0.398		
		8	5.09	5.06	5.12	0.655		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 DL Lab Sample ID: 460-121208-5 DL

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 13:58 Date Analyzed (2): 10/05/2016 13:58

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	12.6	43	9.7
		2	2.63	2.60	2.66	44.4		
		3	2.81	2.80	2.86	60.2		
		4	3.10	3.07	3.13	47.5		
		5	3.24	3.21	3.27	27.8		
		6	3.67	3.64	3.70	52.9		
		7	4.14	4.09	4.15	45.4		
		8	4.35	4.32	4.38	50.5		
	2	1	2.93	2.90	2.96	11.9	39	
		2	3.40	3.37	3.43	40.7		
		3	3.66	3.63	3.69	42.6		
		4	3.91	3.88	3.94	47.3		
		5	4.07	4.04	4.10	26.8		
		6	4.74	4.71	4.77	47.7		
		7	5.04	5.01	5.07	43.8		
		8	5.09	5.06	5.12	48.9		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394557/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/04/2016 14:39 Date Analyzed (2): 10/04/2016 14:39

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	4.09	4.34	8.3
		2	2.63	2.60	2.66	4.47		
		3	2.83	2.80	2.86	4.43		
		4	3.10	3.07	3.13	4.06		
		5	3.24	3.21	3.27	4.28		
		6	3.30	3.27	3.33	4.17		
		7	3.67	3.64	3.70	4.37		
		8	3.76	3.73	3.79	4.87		
	2	1	2.92	2.89	2.95	3.80	4.00	
		2	3.39	3.36	3.42	3.96		
		3	3.66	3.63	3.69	3.96		
		4	3.90	3.87	3.93	3.82		
		5	4.06	4.03	4.09	3.90		
		6	4.30	4.27	4.33	4.21		
		7	4.60	4.57	4.63	4.11		
		8	4.73	4.70	4.76	4.23		
Aroclor 1260	1	1	4.98	4.95	5.01	4.67	4.67	8.1
		2	5.59	5.56	5.62	4.70		
		3	5.73	5.70	5.76	4.39		
		4	6.03	6.00	6.06	4.47		
		5	6.46	6.43	6.49	4.94		
		6	6.86	6.83	6.89	4.45		
		7	7.00	6.97	7.03	4.79		
		8	7.94	7.91	7.97	4.91		
	2	1	5.89	5.86	5.92	4.37	4.30	
		2	6.10	6.07	6.13	4.34		
		3	6.41	6.37	6.43	4.27		
		4	7.09	7.06	7.12	4.28		
		5	7.59	7.55	7.61	4.32		
		6	8.07	8.04	8.10	4.24		
		7	8.79	8.76	8.82	4.24		
		8	9.88	9.85	9.91	4.36		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-394557/2-A RA

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 10:29 Date Analyzed (2): 10/05/2016 10:29

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	3.87	4.08	5.2
		2	2.63	2.60	2.66	4.21		
		3	2.83	2.80	2.86	4.09		
		4	3.10	3.07	3.13	3.83		
		5	3.24	3.21	3.27	4.01		
		6	3.30	3.27	3.33	3.87		
		7	3.67	3.64	3.70	4.12		
		8	3.76	3.73	3.79	4.62		
	2	1	2.92	2.89	2.95	3.72	3.87	
		2	3.39	3.36	3.42	3.80		
		3	3.66	3.63	3.69	3.74		
		4	3.90	3.87	3.93	3.68		
		5	4.06	4.03	4.09	3.80		
		6	4.30	4.27	4.33	4.08		
		7	4.59	4.57	4.63	4.03		
		8	4.73	4.71	4.77	4.13		
Aroclor 1260	1	1	4.98	4.95	5.01	4.43	4.54	6.4
		2	5.59	5.56	5.62	4.57		
		3	5.73	5.70	5.76	4.26		
		4	6.03	6.00	6.06	4.37		
		5	6.46	6.43	6.49	4.86		
		6	6.86	6.84	6.90	4.39		
		7	7.00	6.97	7.03	4.70		
		8	7.94	7.91	7.97	4.76		
	2	1	5.89	5.87	5.93	4.30	4.26	
		2	6.10	6.07	6.13	4.29		
		3	6.40	6.38	6.44	4.21		
		4	7.09	7.07	7.13	4.22		
		5	7.58	7.56	7.62	4.28		
		6	8.07	8.05	8.11	4.24		
		7	8.79	8.77	8.83	4.29		
		8	9.88	9.85	9.91	4.25		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-394557/3-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/04/2016 14:54 Date Analyzed (2): 10/04/2016 14:54

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	3.68	3.86	7.4
		2	2.63	2.60	2.66	3.84		
		3	2.83	2.80	2.86	3.91		
		4	3.10	3.07	3.13	3.65		
		5	3.24	3.21	3.27	3.84		
		6	3.30	3.27	3.33	3.75		
		7	3.67	3.64	3.70	3.93		
		8	3.76	3.73	3.79	4.31		
	2	1	2.92	2.89	2.95	3.44	3.59	
		2	3.39	3.36	3.42	3.54		
		3	3.66	3.63	3.69	3.45		
		4	3.90	3.87	3.93	3.42		
		5	4.06	4.03	4.09	3.49		
		6	4.30	4.27	4.33	3.83		
		7	4.59	4.57	4.63	3.73		
		8	4.73	4.70	4.76	3.82		
Aroclor 1260	1	1	4.98	4.95	5.01	4.25	4.24	7.8
		2	5.59	5.56	5.62	4.30		
		3	5.73	5.70	5.76	4.01		
		4	6.03	6.00	6.06	4.08		
		5	6.46	6.43	6.49	4.51		
		6	6.87	6.83	6.89	4.03		
		7	7.00	6.97	7.03	4.29		
		8	7.94	7.91	7.97	4.42		
	2	1	5.89	5.86	5.92	3.91	3.92	
		2	6.10	6.07	6.13	3.92		
		3	6.40	6.37	6.43	3.87		
		4	7.09	7.06	7.12	3.92		
		5	7.59	7.55	7.61	3.94		
		6	8.07	8.04	8.10	3.90		
		7	8.79	8.76	8.82	3.88		
		8	9.88	9.85	9.91	3.98		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-394557/3-A RA

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 10/05/2016 09:43 Date Analyzed (2): 10/05/2016 09:43

GC Column (1): Rtx-CLP 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	2.28	2.25	2.31	3.57	3.77	5.4
		2	2.63	2.60	2.66	3.78		
		3	2.83	2.80	2.86	3.80		
		4	3.10	3.07	3.13	3.57		
		5	3.24	3.21	3.27	3.70		
		6	3.30	3.27	3.33	3.57		
		7	3.67	3.64	3.70	3.78		
		8	3.76	3.73	3.79	4.35		
	2	1	2.92	2.89	2.95	3.45	3.57	
		2	3.39	3.36	3.42	3.53		
		3	3.65	3.63	3.69	3.53		
		4	3.90	3.87	3.93	3.43		
		5	4.06	4.03	4.09	3.53		
		6	4.30	4.27	4.33	3.79		
		7	4.59	4.57	4.63	3.63		
		8	4.73	4.71	4.77	3.68		
Aroclor 1260	1	1	4.98	4.95	5.01	3.98	4.04	6.6
		2	5.59	5.56	5.62	4.13		
		3	5.73	5.70	5.76	3.86		
		4	6.03	6.00	6.06	3.96		
		5	6.45	6.43	6.49	4.37		
		6	6.86	6.84	6.90	3.96		
		7	7.00	6.97	7.03	4.03		
		8	7.93	7.91	7.97	4.01		
	2	1	5.89	5.87	5.93	3.81	3.78	
		2	6.10	6.07	6.13	3.80		
		3	6.40	6.38	6.44	3.78		
		4	7.09	7.07	7.13	3.80		
		5	7.58	7.56	7.62	3.81		
		6	8.07	8.05	8.11	3.78		
		7	8.78	8.77	8.83	3.73		
		8	9.87	9.85	9.91	3.71		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 DL Lab Sample ID: 460-121208-1 DL

Matrix: Water Lab File ID: T1334172.D

Analysis Method: 8082A Date Collected: 09/30/2016 09:00

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/05/2016 11:43

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108	*D*	10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334172.D
Lims ID: 460-121208-F-1-A
Client ID: MW-14
Sample Type: Client
Inject. Date: 05-Oct-2016 11:43:27 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0046450-021
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 12:23:57 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:59:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.491	1.490	0.001	48711010	20.0	
2	1.316	1.320	-0.004	48530231	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.928	2.932	-0.004	16568177	471.3	
1	3.395	3.396	-0.001	67800182	983.7	
1	3.660	3.664	-0.004	25553720	924.5	
1	3.910	3.911	-0.001	145916476	1043.9	
1	4.061	4.066	-0.005	46056041	785.3	
1	4.738	4.741	-0.003	77982284	1436.8	
1	5.038	5.041	-0.003	44144528	904.3	
1	5.085	5.088	-0.003	69233229	1271.7	
		Average of Peak Amounts =			977.7	
2	2.279	2.281	-0.002	18199085	517.7	
2	2.630	2.631	-0.001	76190556	1104.9	
2	2.810	2.829	-0.019	87682381	1904.8	
2	3.099	3.100	-0.001	169531858	1117.4	
2	3.237	3.237	0.000	55472749	880.5	
2	3.666	3.669	-0.003	105791870	1669.2	
2	4.141	4.122	0.019	113278788	1131.5	
2	4.352	4.353	-0.001	56240331	1437.4	M
		Average of Peak Amounts =			1220.4	
					RPD = 22.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	5.892	5.895	-0.003	11695585	227.1	
1	6.104	6.102	0.002	21138718	195.1	
1	6.410	6.408	0.002	21506096	169.9	
1	7.099	7.096	0.003	15745071	154.7	
1	7.592	7.590	0.002	17952112	159.9	
1	8.080	8.077	0.003	32488941	137.8	
1	8.794	8.795	-0.001	23870635	135.2	
1	9.881	9.880	0.001	7711666	118.1	
		Average of Peak Amounts =			162.2	
2	4.978	4.980	-0.002	23522504	223.4	
2	5.588	5.590	-0.002	35591044	195.7	
2	5.730	5.731	-0.001	19681588	177.5	
2	6.026	6.029	-0.003	17886392	158.8	
2	6.456	6.456	0.000	39394346	157.8	
2	6.865	6.865	0.000	18605277	144.8	
2	7.000	7.002	-0.002	10407312	142.1	
2	7.936	7.937	-0.001	10419671	144.5	
		Average of Peak Amounts =			168.1	
					RPD = 3.54	
$ 11 DCB Decachlorobiphenyl						M
1	10.469	10.460	0.009	37473110	21.5	M
2	8.862	8.864	-0.002	54705722	23.4	
					RPD = 8.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

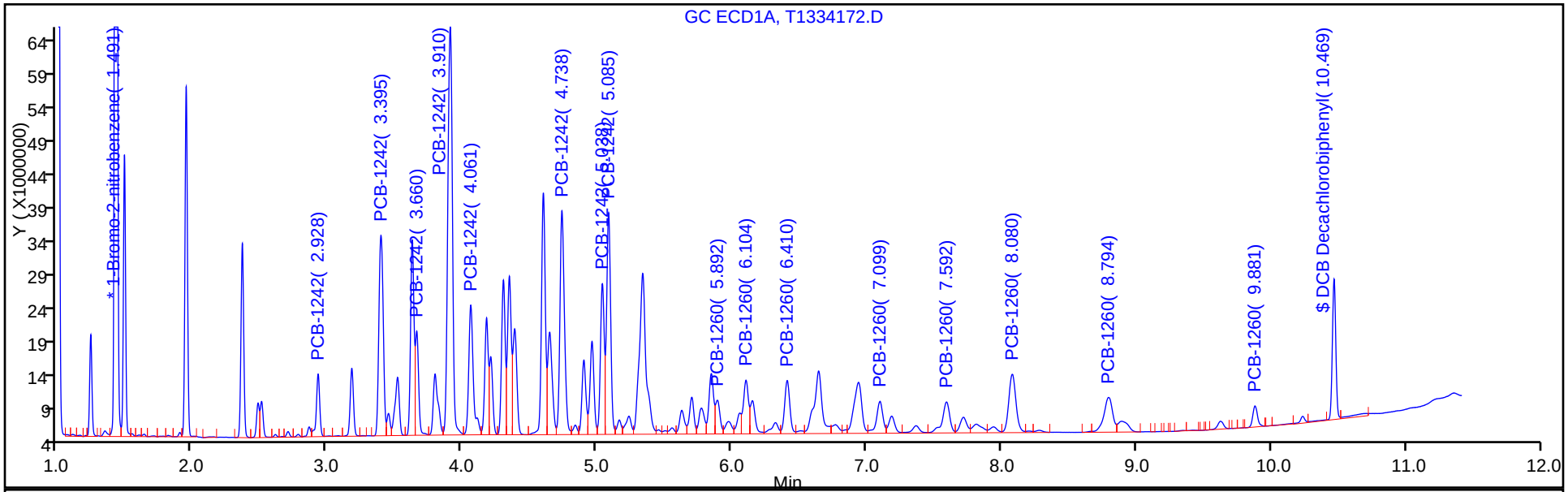
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

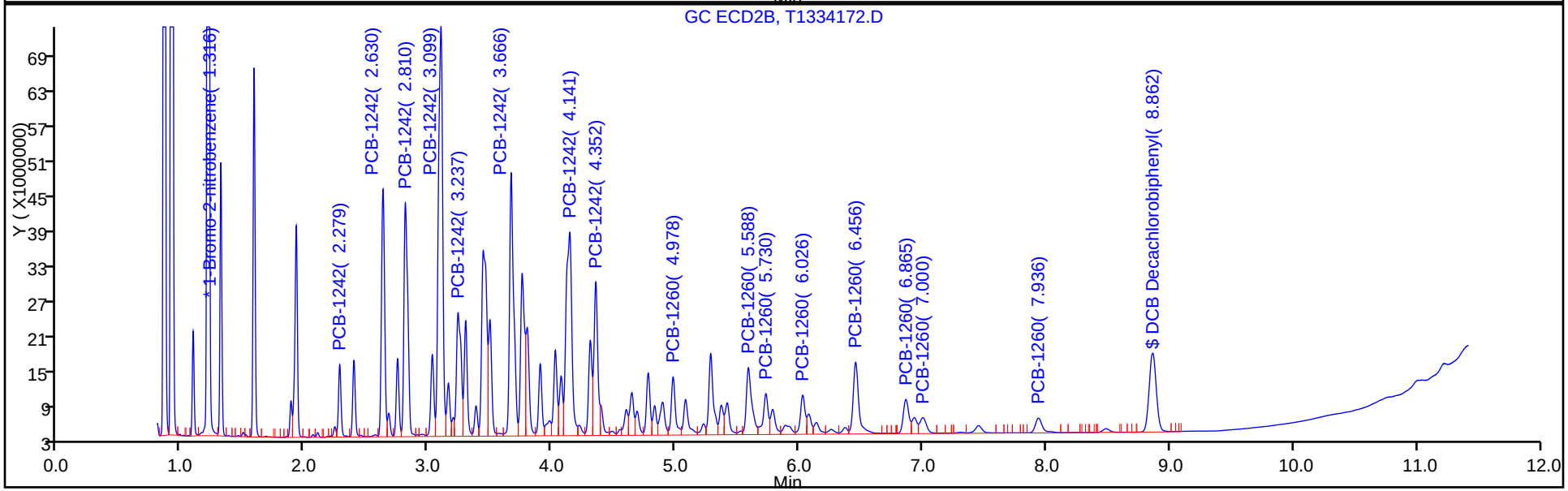
Report Date: 05-Oct-2016 12:24:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334172.D

Injection Date:	05-Oct-2016 11:43:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-F-1-A	Lab Sample ID:	460-121208-1	Worklist Smp#:	21
Client ID:	MW-14				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	21
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

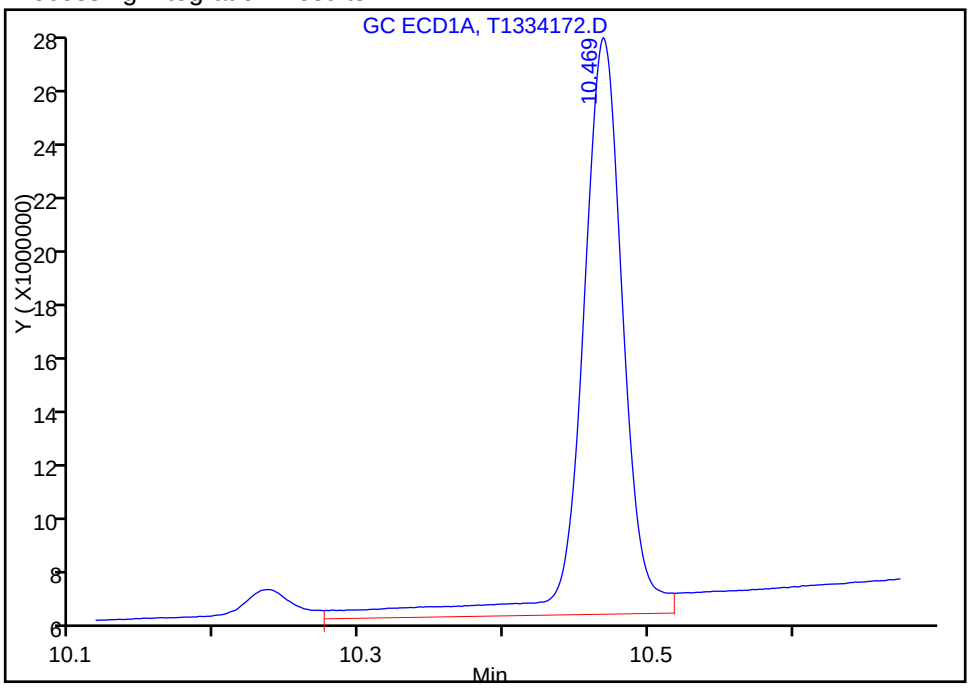
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334172.D		
Injection Date:	05-Oct-2016 11:43:27	Instrument ID:	CPESTGC11
Lims ID:	460-121208-F-1-A	Lab Sample ID:	460-121208-1
Client ID:	MW-14		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	5.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

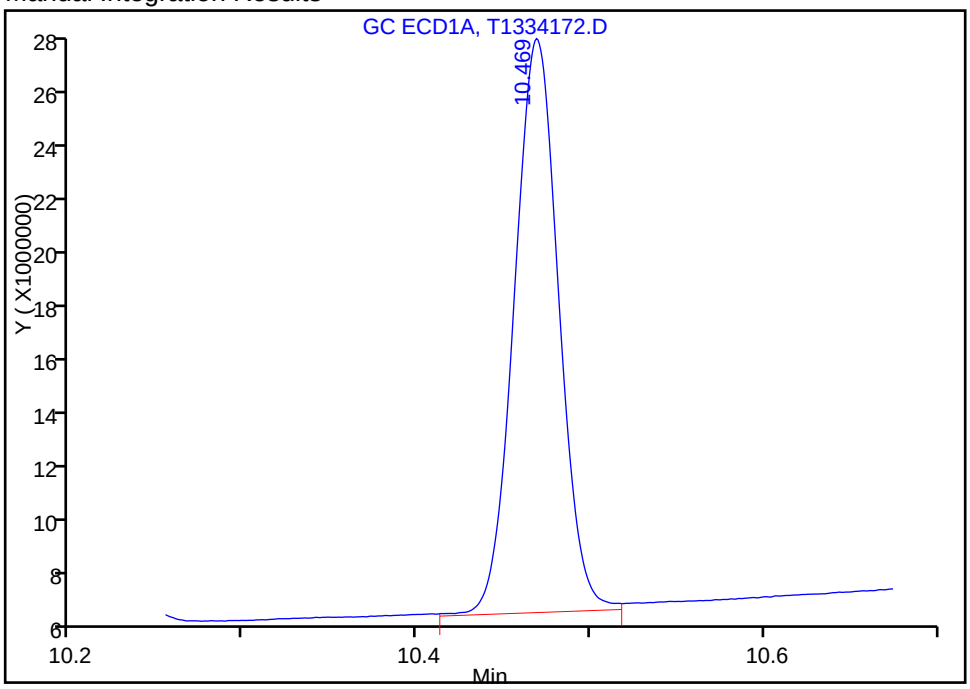
Processing Integration Results

RT: 10.47
Area: 43305682
Amount: 24.856637
Amount Units: ug/l



Manual Integration Results

RT: 10.47
Area: 37473110
Amount: 21.508851
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 12:22:41

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 DL | Lab Sample ID: 460-121208-1 DL

Matrix: Water | Lab File ID: T1334172.D

Analysis Method: 8082A | Date Collected: 09/30/2016 09:00

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 11:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.49	U	2.0	0.49
11104-28-2	Aroclor 1221	0.49	U	2.0	0.49
11141-16-5	Aroclor 1232	0.49	U	2.0	0.49
53469-21-9	Aroclor 1242	24	D	2.0	0.49
12672-29-6	Aroclor 1248	0.49	U	2.0	0.49
11097-69-1	Aroclor 1254	0.42	U	2.0	0.42
11096-82-5	Aroclor 1260	3.4	D	2.0	0.42
37324-23-5	Aroclor 1262	0.42	U	2.0	0.42
11100-14-4	Aroclor 1268	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117	D	10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334172.D
Lims ID: 460-121208-F-1-A
Client ID: MW-14
Sample Type: Client
Inject. Date: 05-Oct-2016 11:43:27 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0046450-021
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 12:23:57 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:59:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.491	1.490	0.001	48711010	20.0	
2	1.316	1.320	-0.004	48530231	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.928	2.932	-0.004	16568177	471.3	
1	3.395	3.396	-0.001	67800182	983.7	
1	3.660	3.664	-0.004	25553720	924.5	
1	3.910	3.911	-0.001	145916476	1043.9	
1	4.061	4.066	-0.005	46056041	785.3	
1	4.738	4.741	-0.003	77982284	1436.8	
1	5.038	5.041	-0.003	44144528	904.3	
1	5.085	5.088	-0.003	69233229	1271.7	
		Average of Peak Amounts =			977.7	
2	2.279	2.281	-0.002	18199085	517.7	
2	2.630	2.631	-0.001	76190556	1104.9	
2	2.810	2.829	-0.019	87682381	1904.8	
2	3.099	3.100	-0.001	169531858	1117.4	
2	3.237	3.237	0.000	55472749	880.5	
2	3.666	3.669	-0.003	105791870	1669.2	
2	4.141	4.122	0.019	113278788	1131.5	
2	4.352	4.353	-0.001	56240331	1437.4	M
		Average of Peak Amounts =			1220.4	
					RPD = 22.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	5.892	5.895	-0.003	11695585	227.1	
1	6.104	6.102	0.002	21138718	195.1	
1	6.410	6.408	0.002	21506096	169.9	
1	7.099	7.096	0.003	15745071	154.7	
1	7.592	7.590	0.002	17952112	159.9	
1	8.080	8.077	0.003	32488941	137.8	
1	8.794	8.795	-0.001	23870635	135.2	
1	9.881	9.880	0.001	7711666	118.1	
		Average of Peak Amounts =			162.2	
2	4.978	4.980	-0.002	23522504	223.4	
2	5.588	5.590	-0.002	35591044	195.7	
2	5.730	5.731	-0.001	19681588	177.5	
2	6.026	6.029	-0.003	17886392	158.8	
2	6.456	6.456	0.000	39394346	157.8	
2	6.865	6.865	0.000	18605277	144.8	
2	7.000	7.002	-0.002	10407312	142.1	
2	7.936	7.937	-0.001	10419671	144.5	
		Average of Peak Amounts =			168.1	
					RPD = 3.54	
$ 11 DCB Decachlorobiphenyl						M
1	10.469	10.460	0.009	37473110	21.5	M
2	8.862	8.864	-0.002	54705722	23.4	
					RPD = 8.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

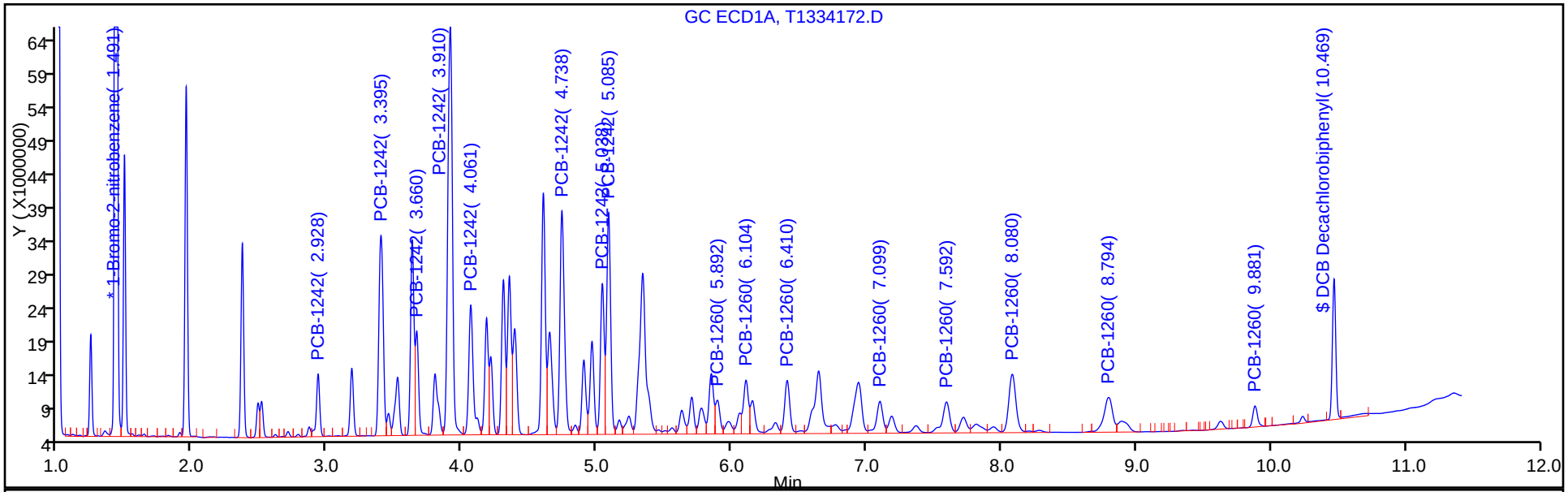
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

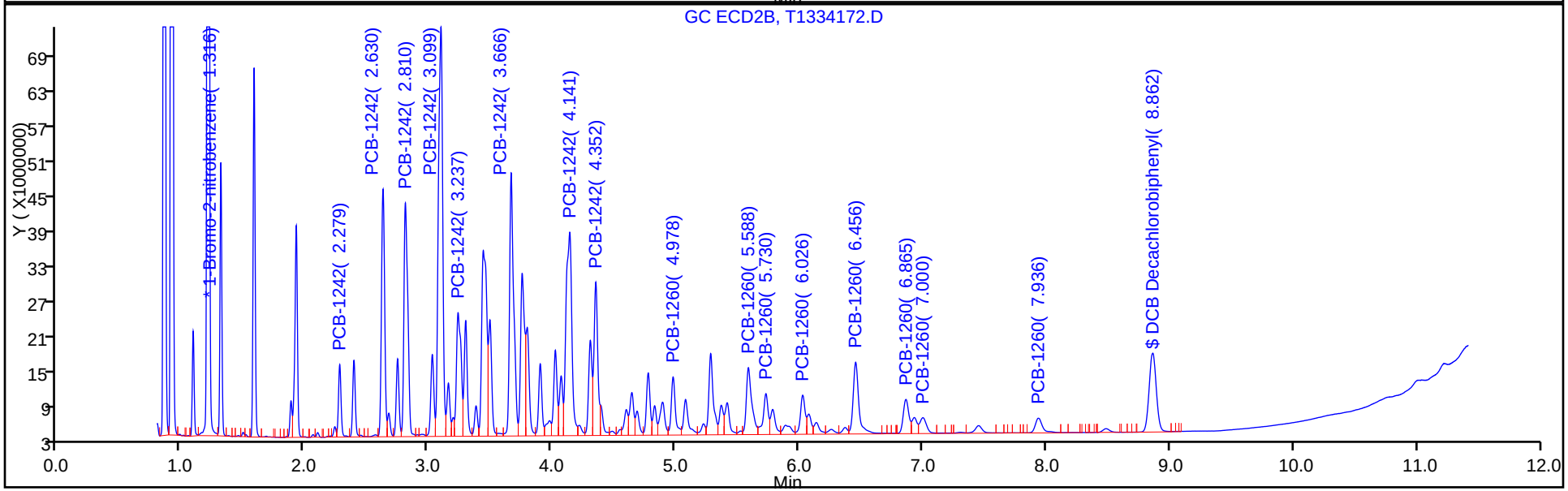
Report Date: 05-Oct-2016 12:24:40 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334172.D

Injection Date:	05-Oct-2016 11:43:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-F-1-A	Lab Sample ID:	460-121208-1	Worklist Smp#:	21
Client ID:	MW-14				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	21
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





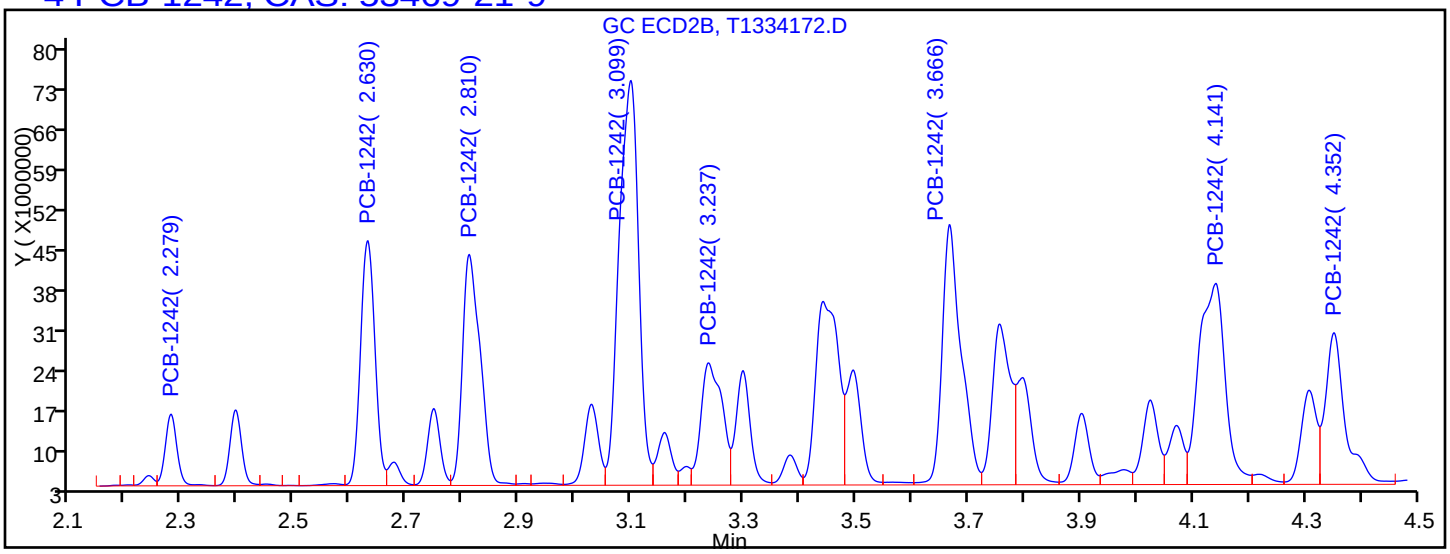
Report Date: 05-Oct-2016 12:24:40 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334172.D

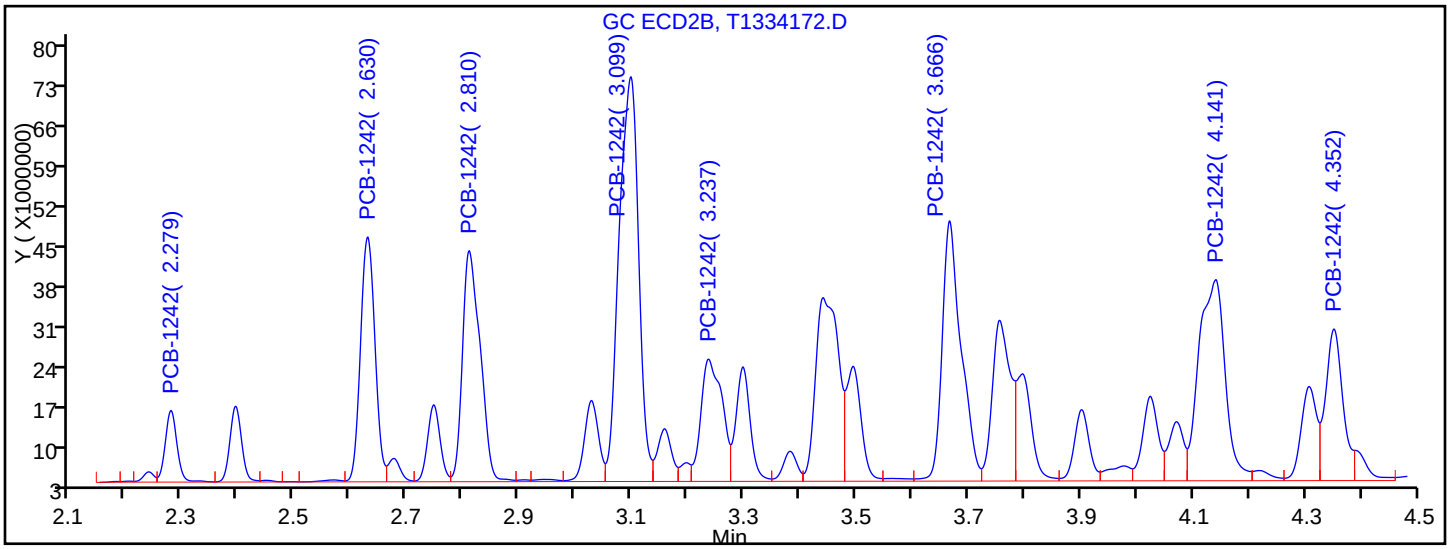
Injection Date:	05-Oct-2016 11:43:27	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-F-1-A	Lab Sample ID:	460-121208-1		
Client ID:	MW-14				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.279	Response = 18199085
2.630	Response = 76190556
2.810	Response = 87682381
3.099	Response = 169531858
3.237	Response = 55472749
3.666	Response = 105791870
4.141	Response = 113278788
4.352	Response = 64490719



Manual Integration Results

2.279	Response = 18199085
2.630	Response = 76190556
2.810	Response = 87682381
3.099	Response = 169531858
3.237	Response = 55472749
3.666	Response = 105791870

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: T1334173.D

Analysis Method: 8082A | Date Collected: 09/30/2016 09:05

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 11:58

Con. Extract Vol.: 1(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.: 395004 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	59		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D
Lims ID: 460-121208-E-2-A
Client ID: MW-9
Sample Type: Client
Inject. Date: 05-Oct-2016 11:58:15 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-022
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 12:23:57 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 12:21:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.488	1.490	-0.002	61756873	20.0	M
2	1.318	1.320	-0.002	60463428	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.459	10.460	-0.001	131328032	59.5	M
2	8.857	8.864	-0.007	195632127	67.2	
					RPD = 12.27	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

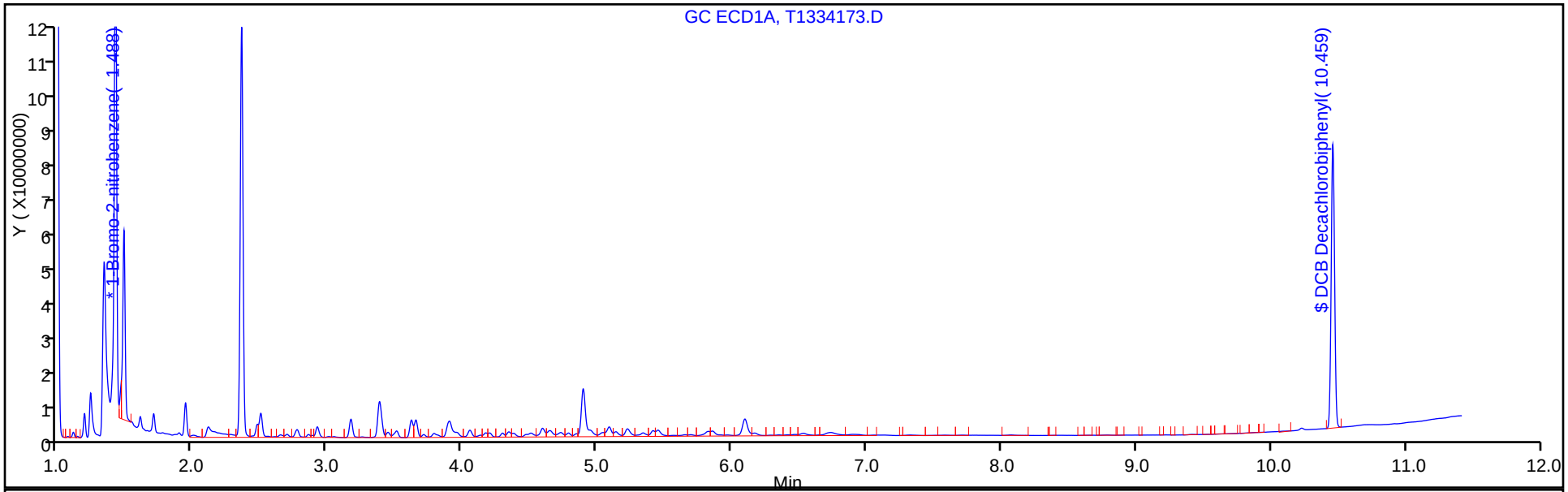
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

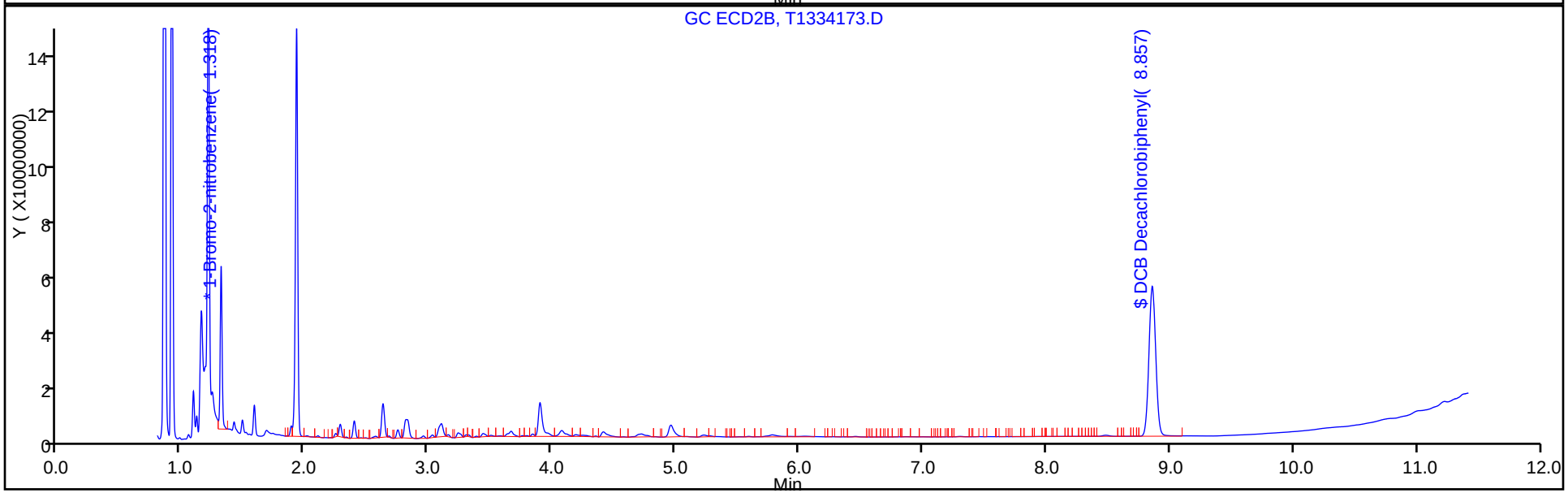
Report Date: 05-Oct-2016 12:24:42 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D

Injection Date:	05-Oct-2016 11:58:15	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-E-2-A	Lab Sample ID:	460-121208-2	Worklist Smp#:	22
Client ID:	MW-9				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

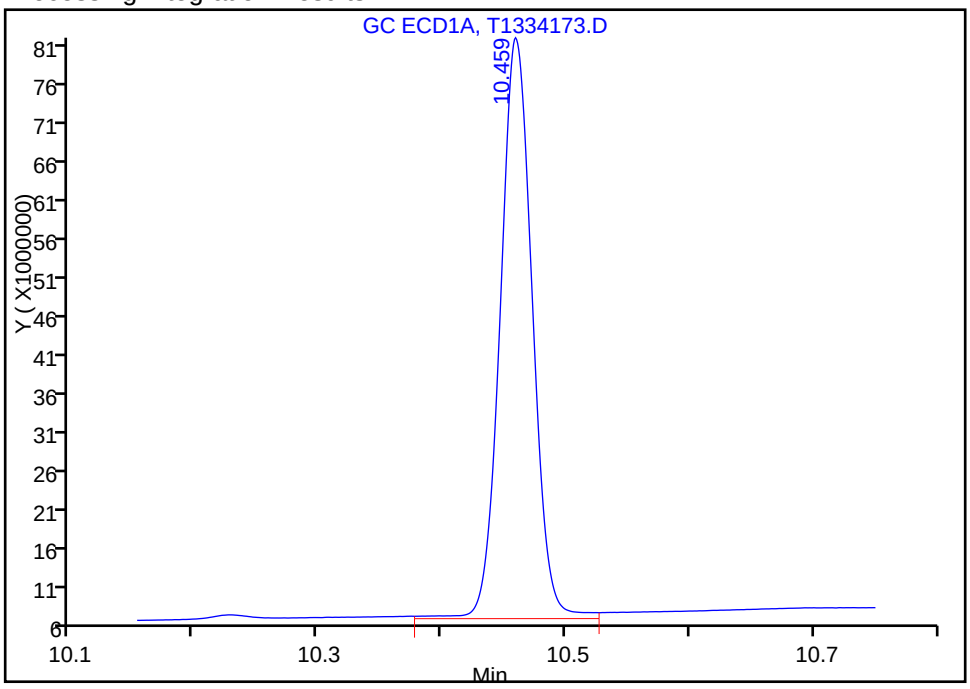
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D		
Injection Date:	05-Oct-2016 11:58:15	Instrument ID:	CPESTGC11
Lims ID:	460-121208-E-2-A	Lab Sample ID:	460-121208-2
Client ID:	MW-9		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

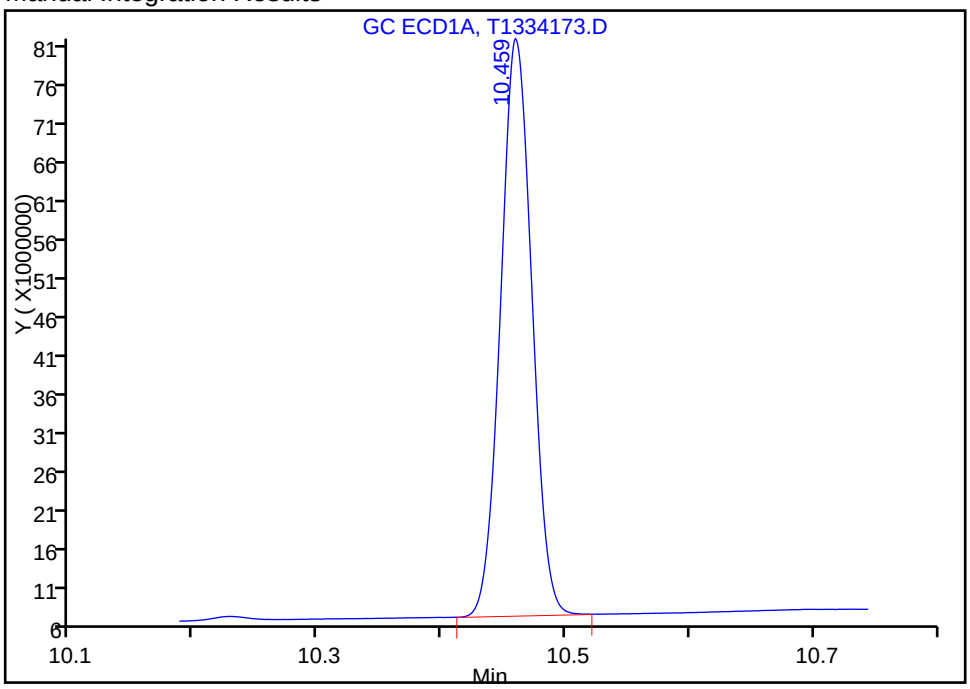
Processing Integration Results

RT: 10.46
Area: 135863147
Amount: 51.975161
Amount Units: ug/l



Manual Integration Results

RT: 10.46
Area: 131328032
Amount: 59.456146
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 12:23:57

Audit Action: Manually Integrated Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

TestAmerica Edison

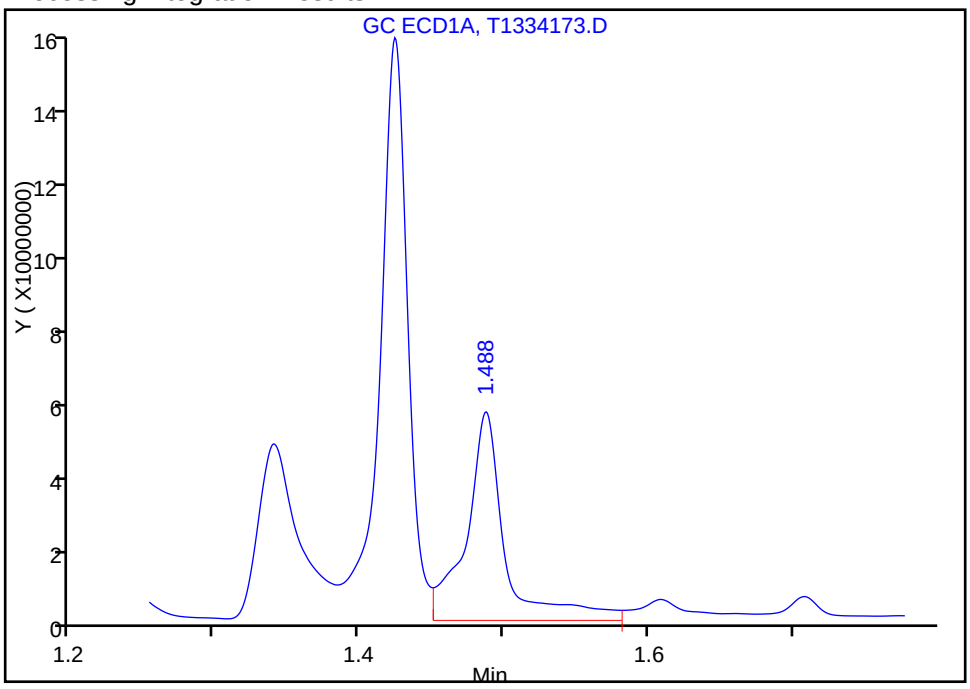
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D				
Injection Date:	05-Oct-2016 11:58:15	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-E-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

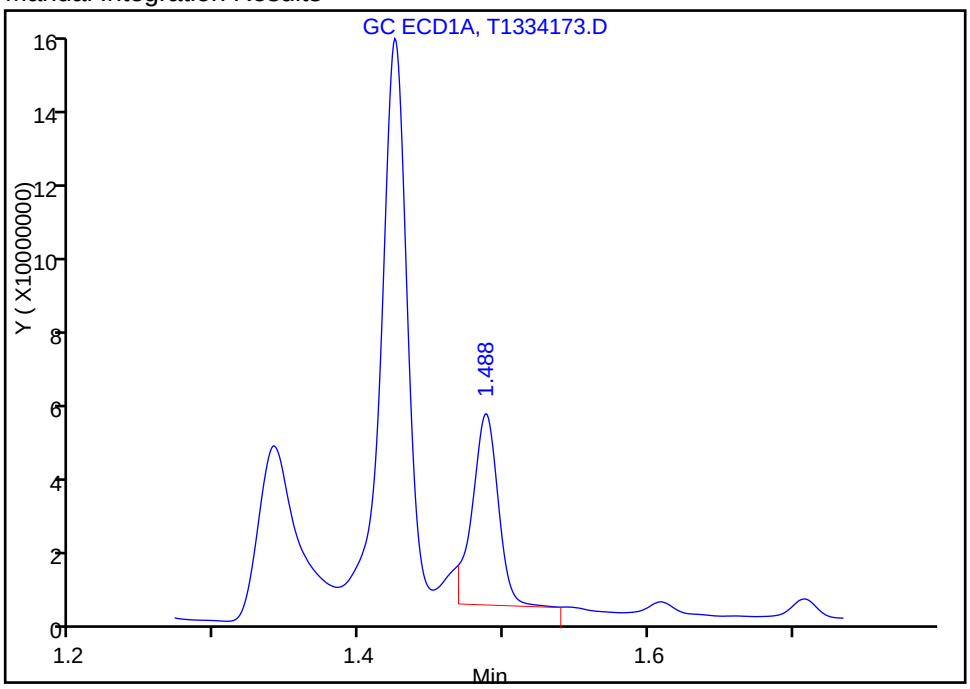
Processing Integration Results

RT: 1.49
Area: 101222929
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 61756873
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 12:23:57
Audit Action: Split an Integrated Peak Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-121208-2

Matrix: Water | Lab File ID: T1334173.D

Analysis Method: 8082A | Date Collected: 09/30/2016 09:05

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 11:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	67		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D
Lims ID: 460-121208-E-2-A
Client ID: MW-9
Sample Type: Client
Inject. Date: 05-Oct-2016 11:58:15 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-022
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 12:23:57 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 12:21:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.488	1.490	-0.002	61756873	20.0	M
2	1.318	1.320	-0.002	60463428	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.459	10.460	-0.001	131328032	59.5	M
2	8.857	8.864	-0.007	195632127	67.2	
					RPD = 12.27	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

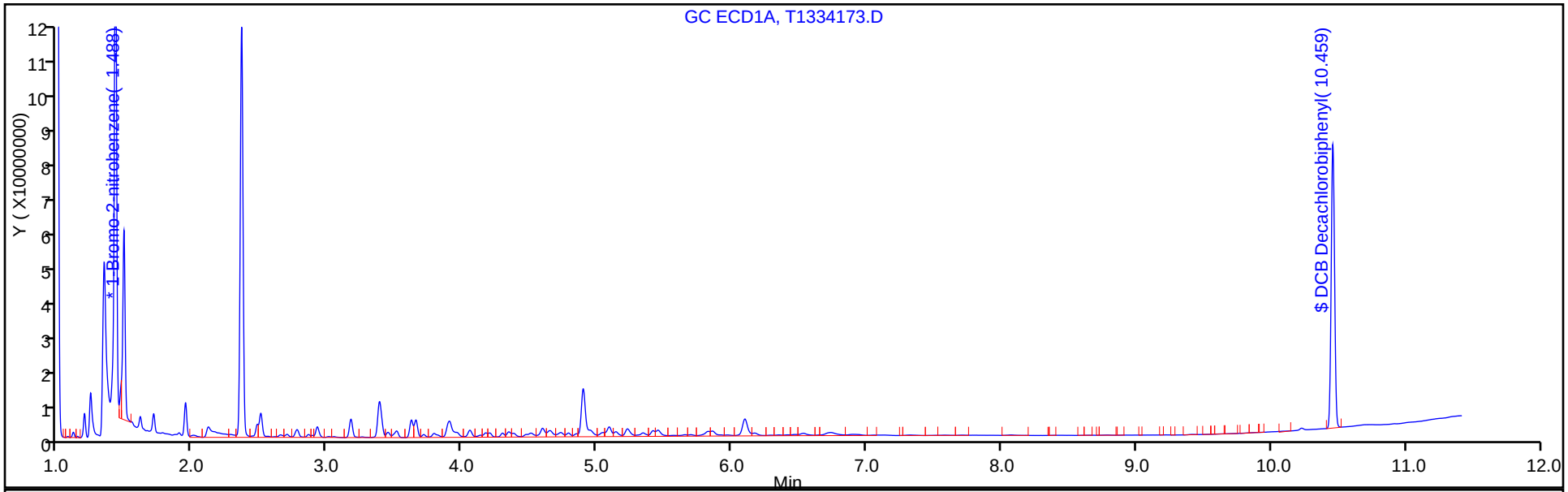
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

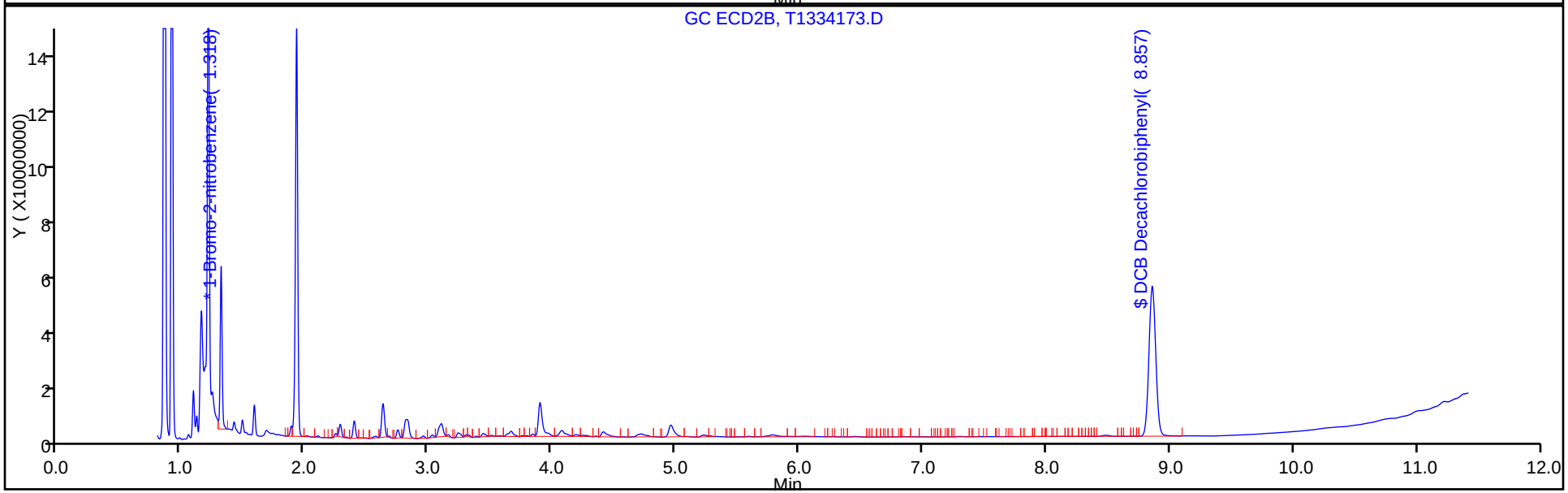
Report Date: 05-Oct-2016 12:24:43 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D

Injection Date:	05-Oct-2016 11:58:15	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-E-2-A	Lab Sample ID:	460-121208-2	Worklist Smp#:	22
Client ID:	MW-9				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

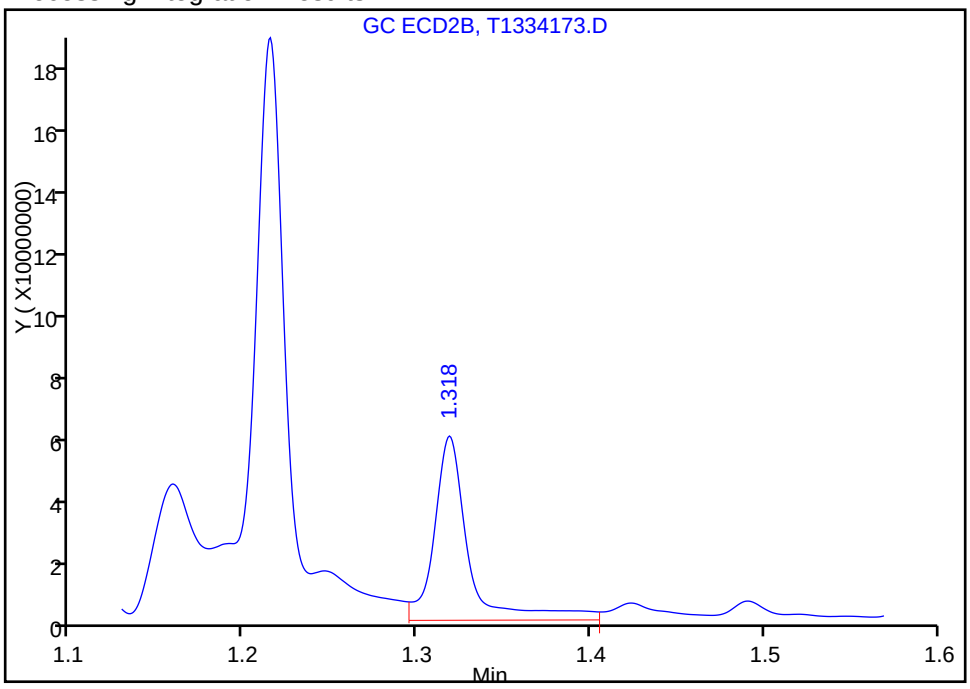
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334173.D				
Injection Date:	05-Oct-2016 11:58:15	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-E-2-A	Lab Sample ID:	460-121208-2		
Client ID:	MW-9				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

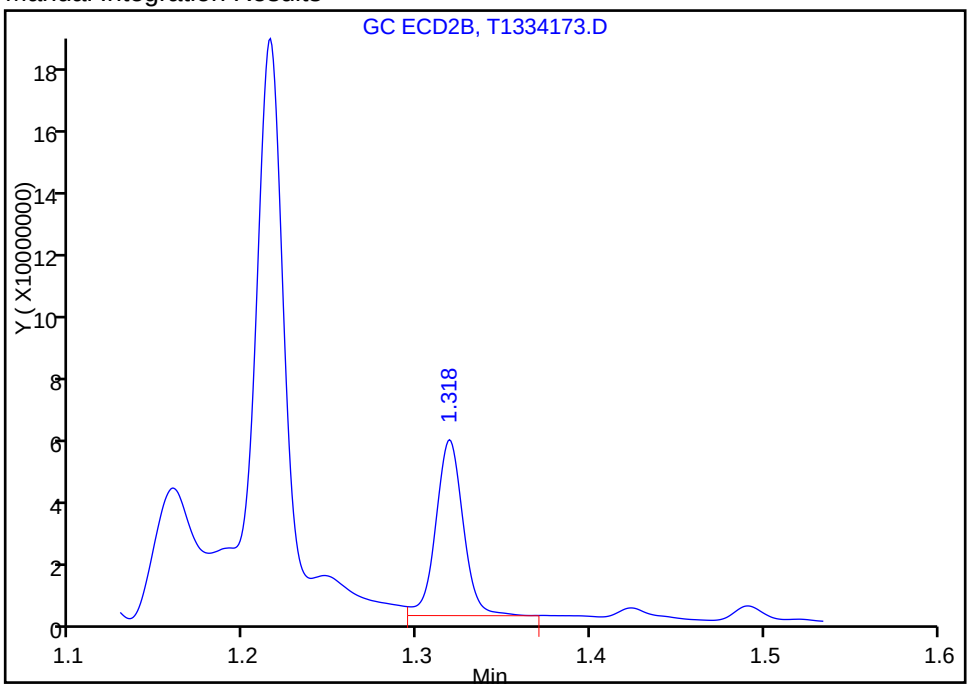
Processing Integration Results

RT: 1.32
Area: 79680927
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 60463428
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 12:23:57

Audit Action: Manually Integrated Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered Lab Sample ID: 460-121208-3

Matrix: Water Lab File ID: T1334174.D

Analysis Method: 8082A Date Collected: 09/30/2016 09:10

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/05/2016 12:47

Con. Extract Vol.: 1(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.: 395004 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	56		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D
Lims ID: 460-121208-F-3-A
Client ID: MW-14 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 12:47:04 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-023
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 13:19:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.494	1.490	0.004	76241720	20.0	M
2	1.317	1.320	-0.003	61660788	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.937	2.932	0.005	1359261	24.7	
1	3.401	3.396	0.005	4820176	44.7	
1	3.667	3.664	0.003	1796238	41.5	
1	3.917	3.911	0.006	17284474	79.0	
1	4.068	4.066	0.002	3839592	41.8	
1	4.743	4.741	0.002	9487321	111.7	
1	5.046	5.041	0.005	7604964	99.5	
1	5.093	5.088	0.005	13957971	163.8	
		Average of Peak Amounts =			75.8	
2	2.284	2.281	0.003	3779317	84.6	
2	2.630	2.631	-0.001	4778159	54.5	M
2	2.811	2.829	-0.018	5608544	95.9	M
2	3.098	3.100	-0.002	16921036	87.8	M
2	3.237	3.237	0.000	3925335	49.0	M
2	3.667	3.669	-0.002	14016061	174.1	M
2	4.141	4.122	0.019	13231937	104.0	M
2	4.354	4.353	0.001	7800502	156.9	M
		Average of Peak Amounts =			100.9	
					RPD = 28.31	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.481	10.460	0.021	153599808	56.3	M
2	8.862	8.864	-0.002	228483440	77.0	
					RPD = 31.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

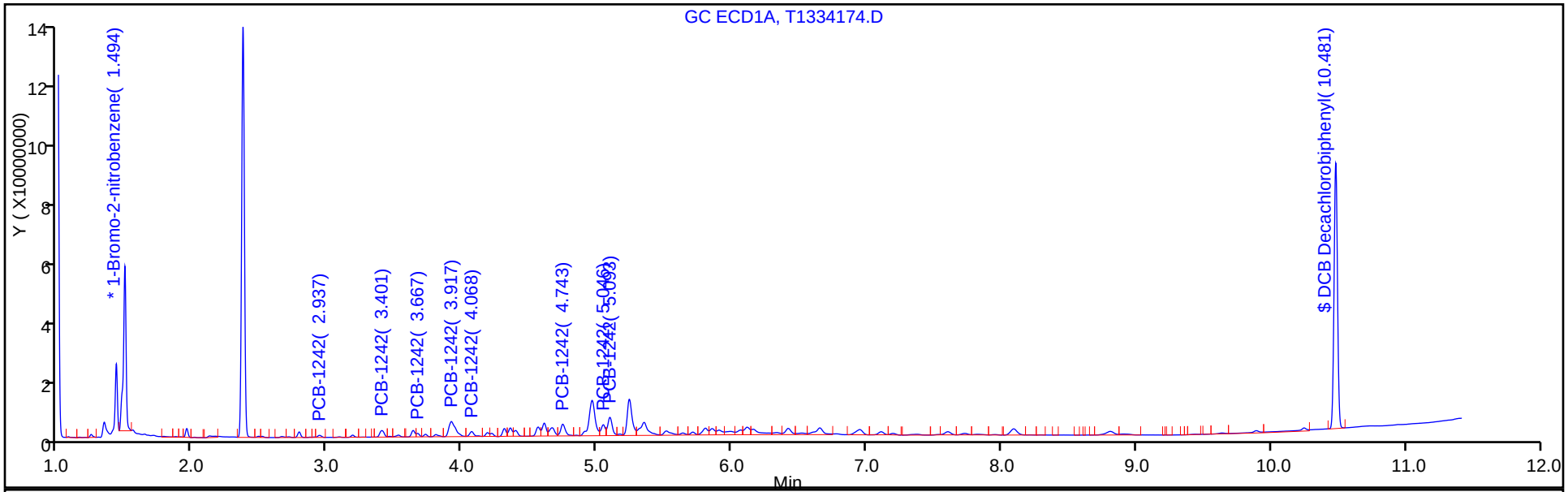
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

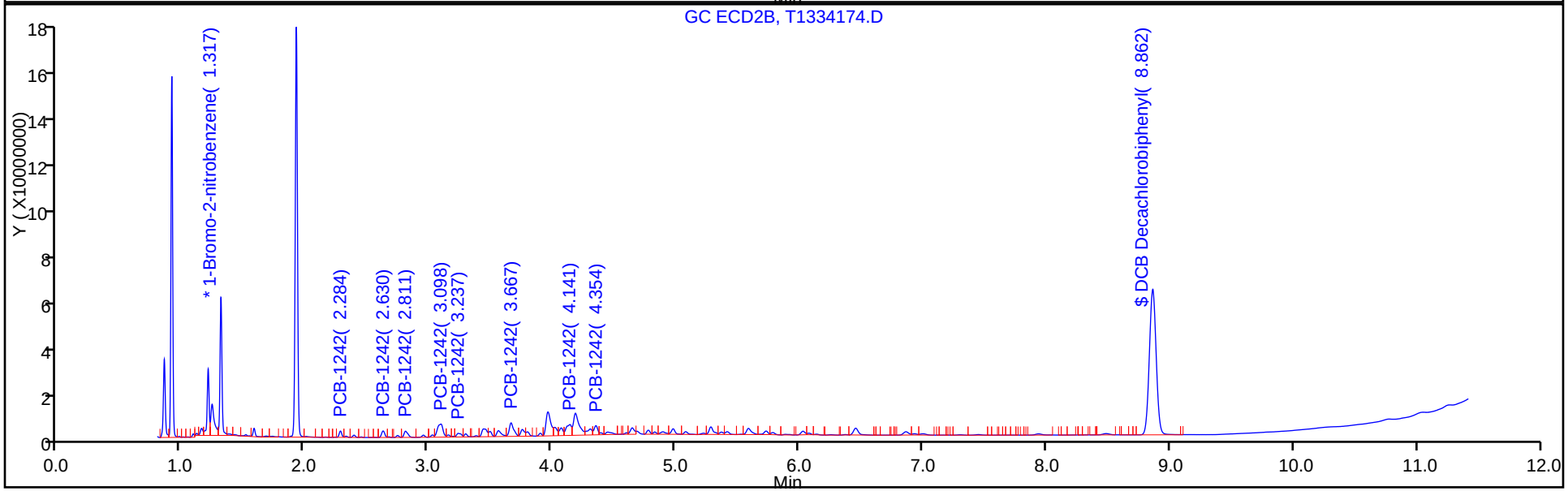
Report Date: 05-Oct-2016 15:10:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D

Injection Date:	05-Oct-2016 12:47:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-F-3-A	Lab Sample ID:	460-121208-3	Worklist Smp#:	23
Client ID:	MW-14 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

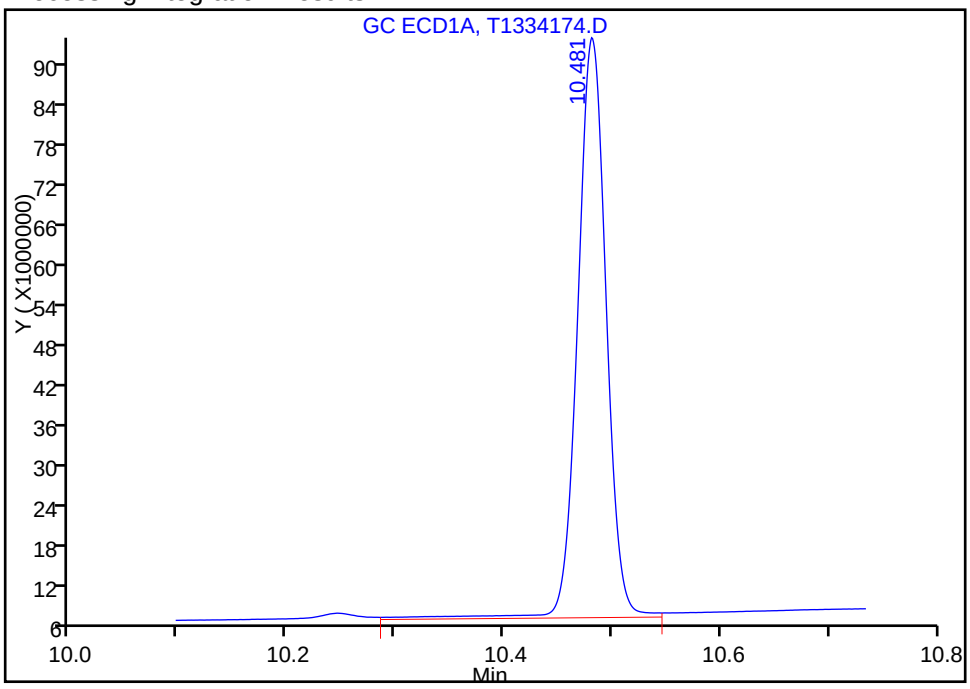
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D				
Injection Date:	05-Oct-2016 12:47:04	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-F-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

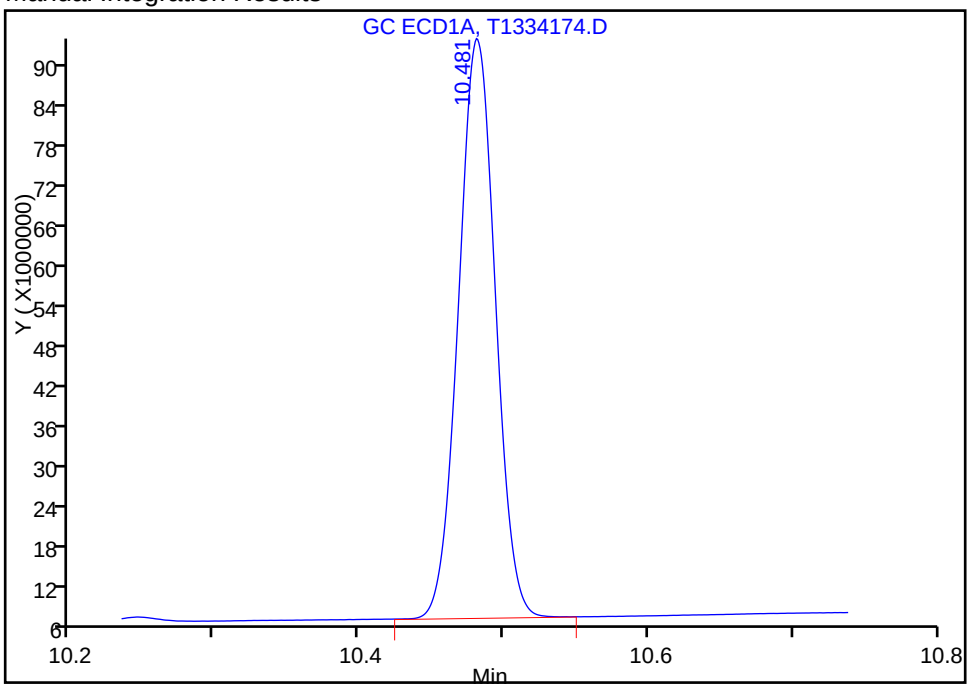
Processing Integration Results

RT: 10.48
Area: 160194638
Amount: 55.974574
Amount Units: ug/l



Manual Integration Results

RT: 10.48
Area: 153599808
Amount: 56.327776
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 13:19:53

Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

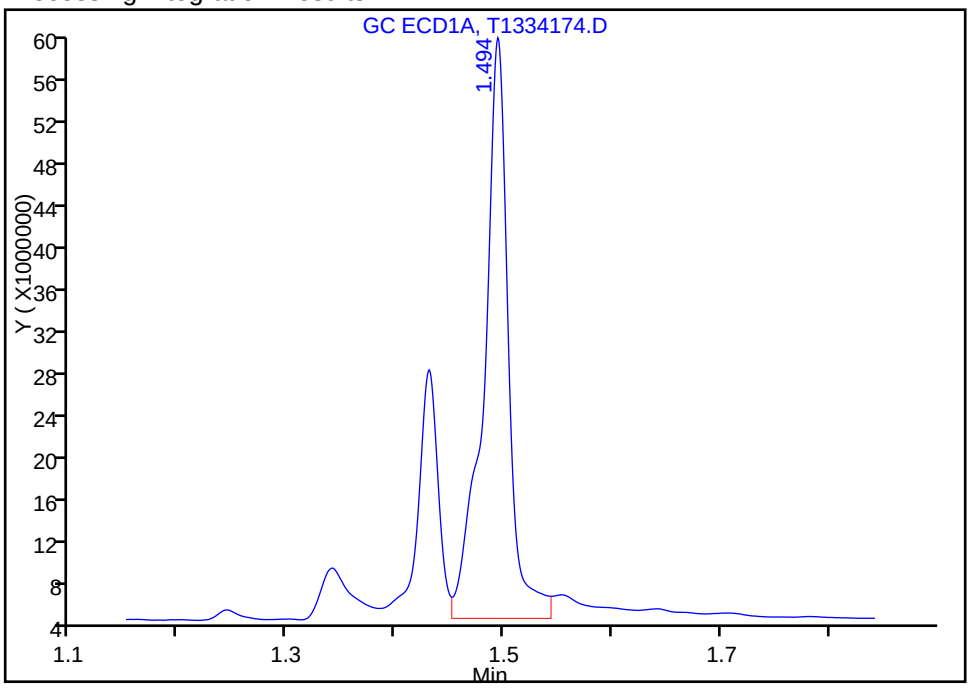
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D		
Injection Date:	05-Oct-2016 12:47:04	Instrument ID:	CPESTGC11
Lims ID:	460-121208-F-3-A	Lab Sample ID:	460-121208-3
Client ID:	MW-14 Filtered		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

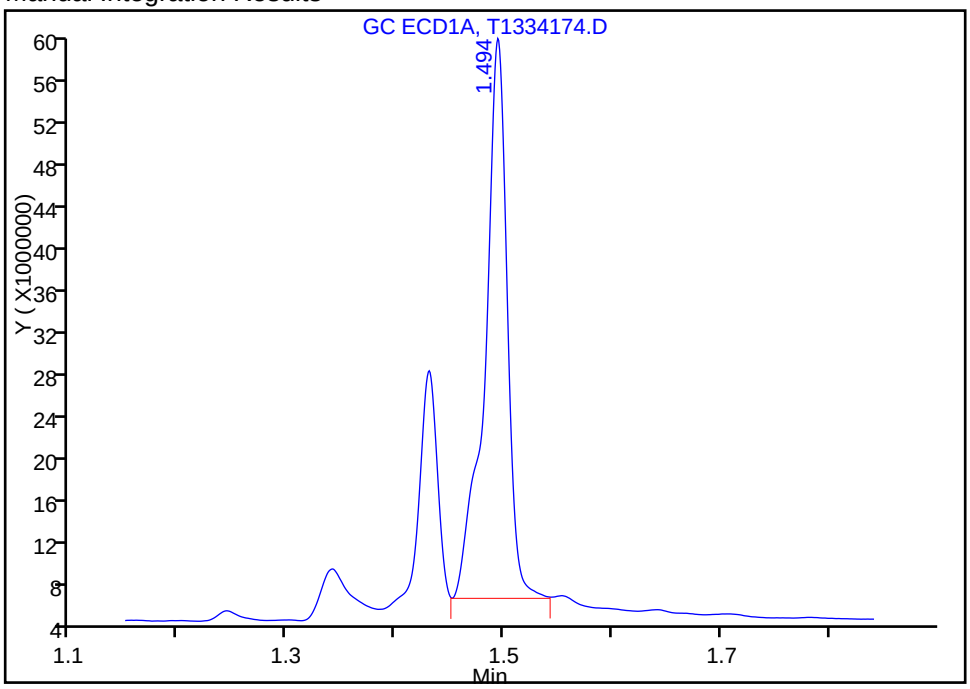
Processing Integration Results

RT: 1.49
Area: 87227702
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 76241720
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 13:19:53

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-14 Filtered | Lab Sample ID: 460-121208-3

Matrix: Water | Lab File ID: T1334174.D

Analysis Method: 8082A | Date Collected: 09/30/2016 09:10

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 12:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.40		0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D
Lims ID: 460-121208-F-3-A
Client ID: MW-14 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 12:47:04 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-023
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 13:19:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.494	1.490	0.004	76241720	20.0	M
2	1.317	1.320	-0.003	61660788	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	2.937	2.932	0.005	1359261	24.7	
1	3.401	3.396	0.005	4820176	44.7	
1	3.667	3.664	0.003	1796238	41.5	
1	3.917	3.911	0.006	17284474	79.0	
1	4.068	4.066	0.002	3839592	41.8	
1	4.743	4.741	0.002	9487321	111.7	
1	5.046	5.041	0.005	7604964	99.5	
1	5.093	5.088	0.005	13957971	163.8	
		Average of Peak Amounts =			75.8	
2	2.284	2.281	0.003	3779317	84.6	
2	2.630	2.631	-0.001	4778159	54.5	M
2	2.811	2.829	-0.018	5608544	95.9	M
2	3.098	3.100	-0.002	16921036	87.8	M
2	3.237	3.237	0.000	3925335	49.0	M
2	3.667	3.669	-0.002	14016061	174.1	M
2	4.141	4.122	0.019	13231937	104.0	M
2	4.354	4.353	0.001	7800502	156.9	M
		Average of Peak Amounts =			100.9	
					RPD = 28.31	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.481	10.460	0.021	153599808	56.3	M
2	8.862	8.864	-0.002	228483440	77.0	
					RPD = 31.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

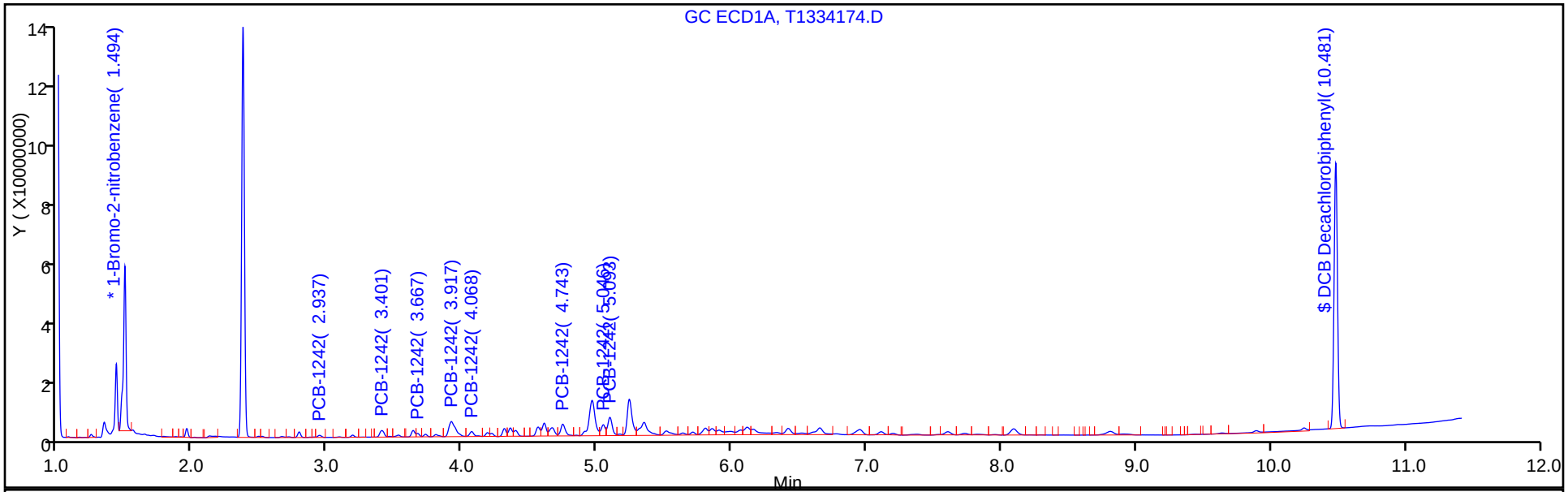
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

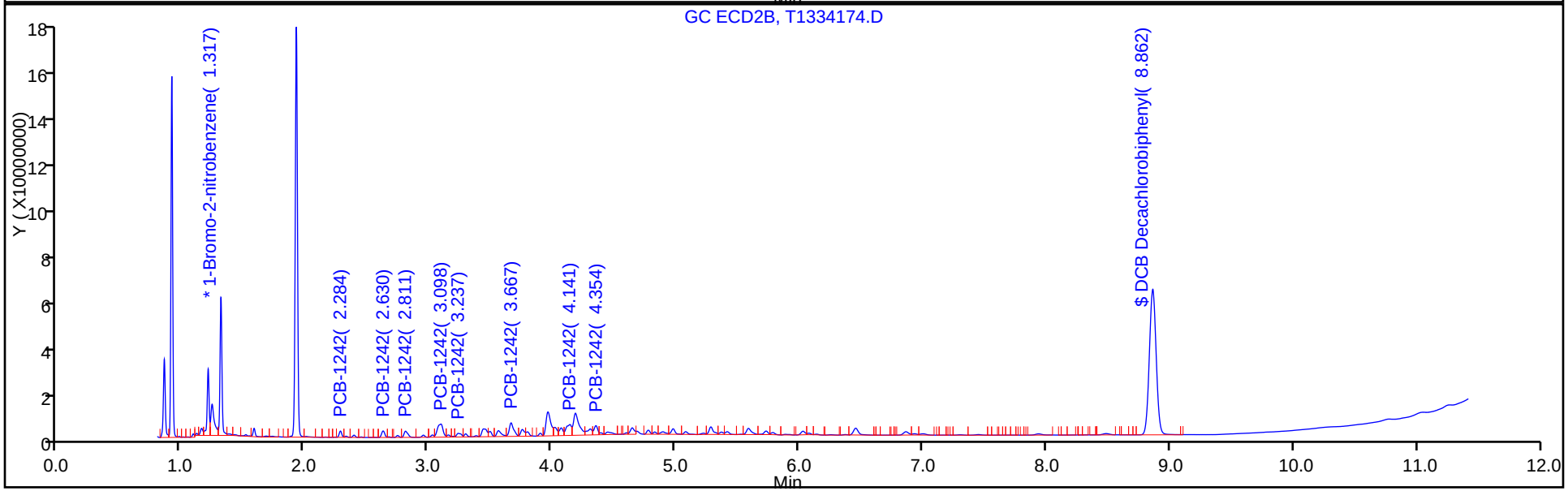
Report Date: 05-Oct-2016 15:10:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D

Injection Date:	05-Oct-2016 12:47:04	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-F-3-A	Lab Sample ID:	460-121208-3	Worklist Smp#:	23
Client ID:	MW-14 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





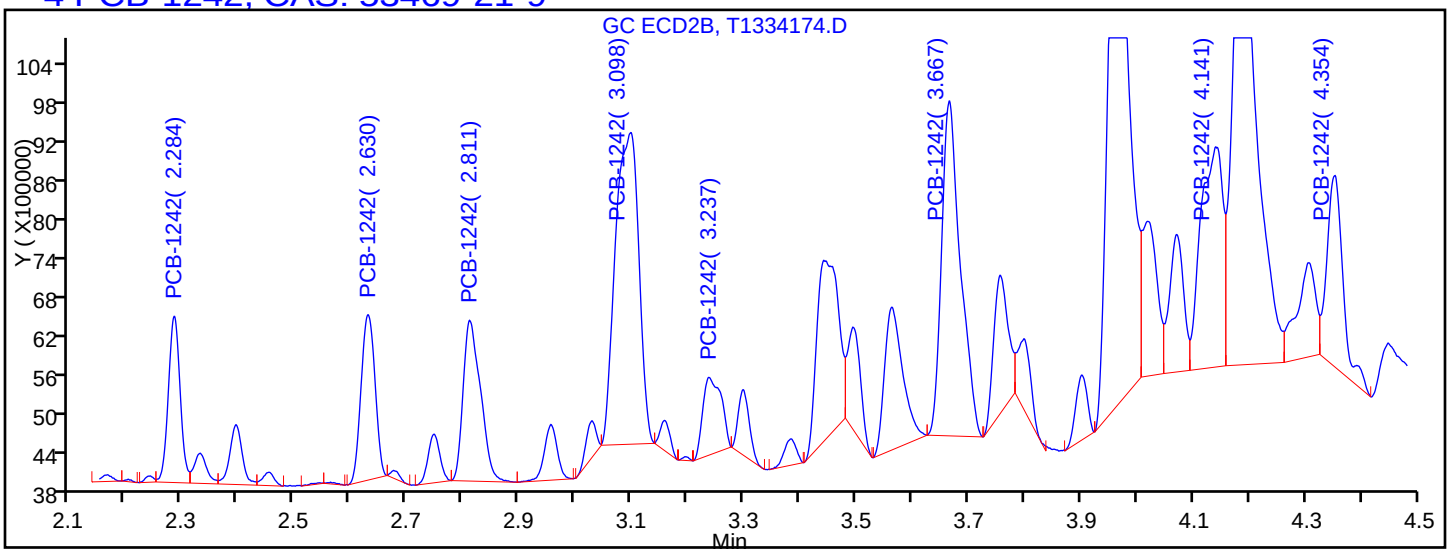
Report Date: 05-Oct-2016 15:10:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D

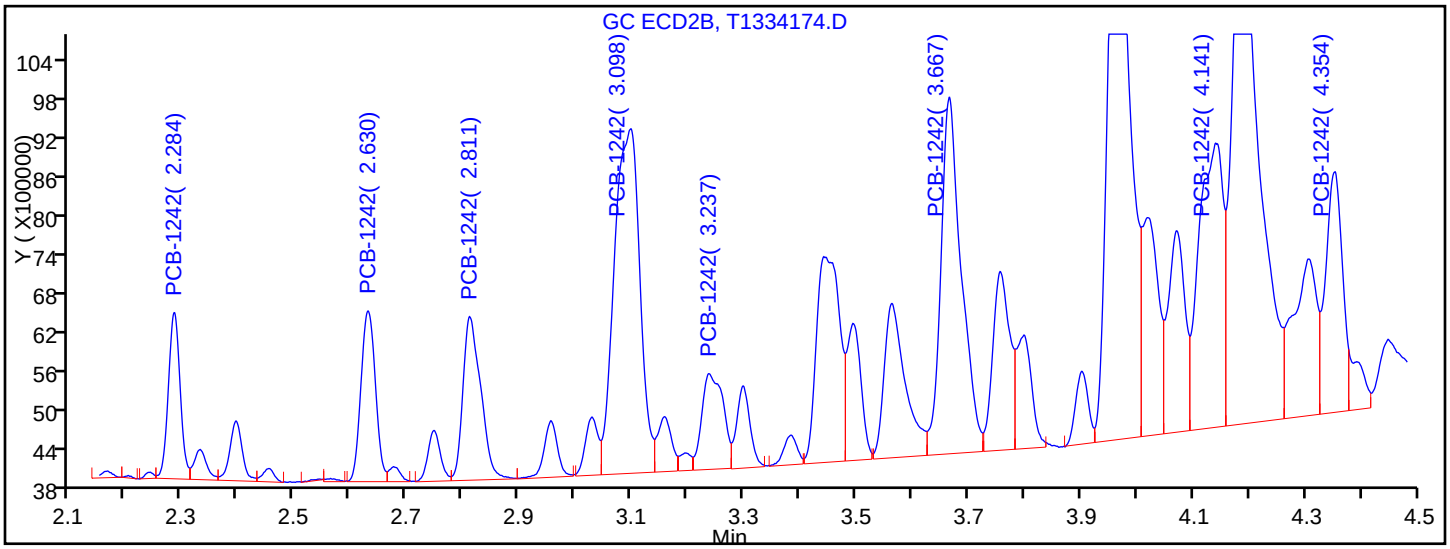
Injection Date:	05-Oct-2016 12:47:04	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-F-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.284	Response = 3779317
2.630	Response = 4439396
2.811	Response = 5378809
3.098	Response = 14019611
3.237	Response = 2728742
3.667	Response = 12073017
4.141	Response = 9420422
4.354	Response = 5925254



Manual Integration Results

2.284	Response = 3779317	
2.630	Response = 4778159	M
2.811	Response = 5608544	M
3.098	Response = 16921036	M
3.237	Response = 3925335	M
3.667	Response = 14016061	M

Manual Integration/User Assign Peak Report

TestAmerica Edison

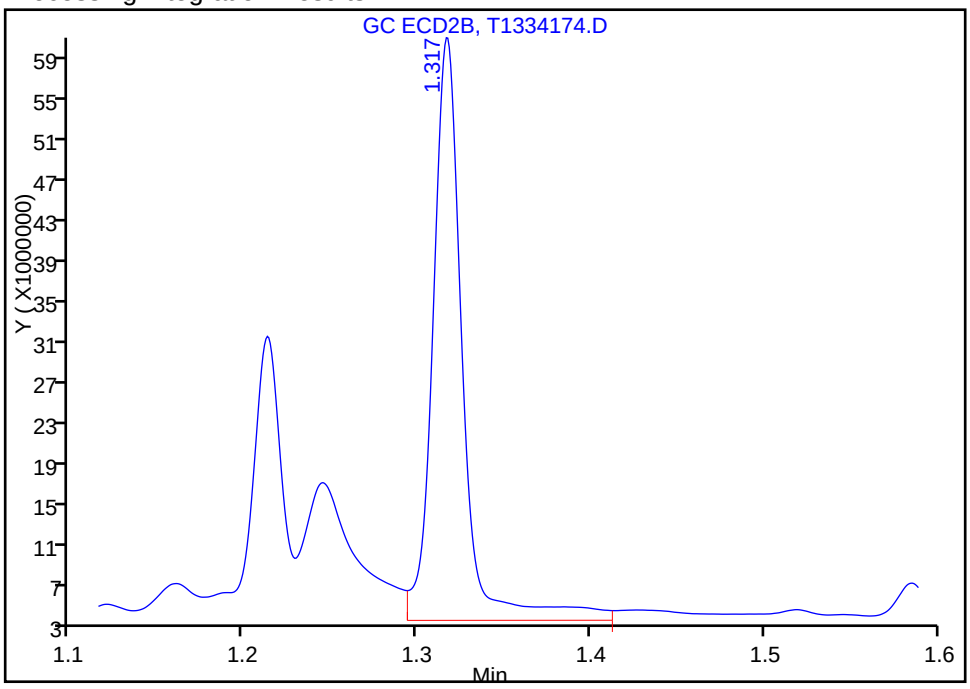
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334174.D				
Injection Date:	05-Oct-2016 12:47:04	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-F-3-A	Lab Sample ID:	460-121208-3		
Client ID:	MW-14 Filtered				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

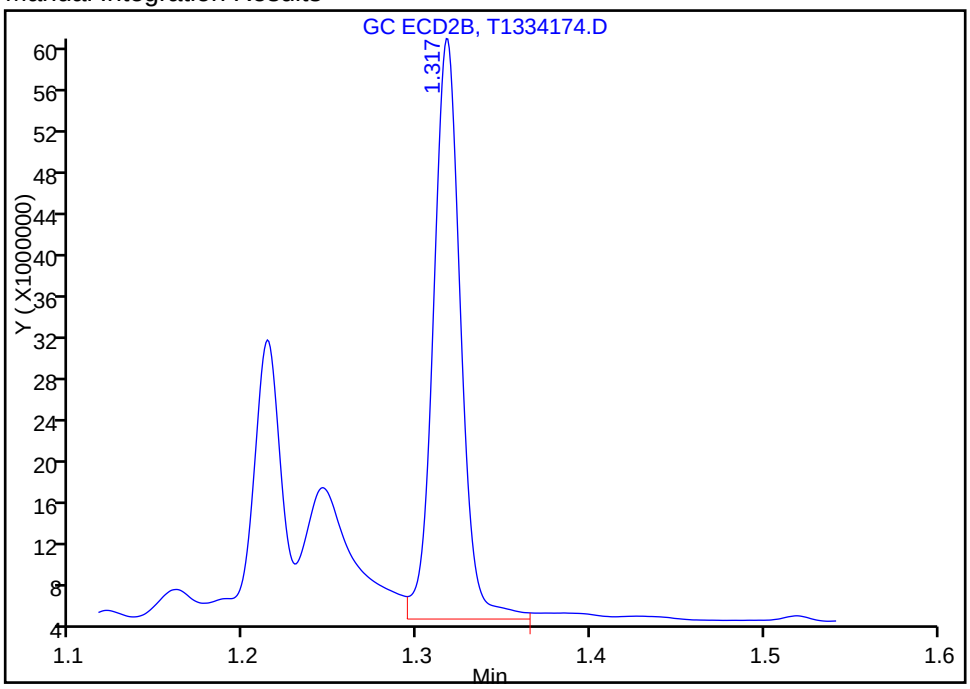
Processing Integration Results

RT: 1.32
Area: 68246981
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 61660788
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 13:19:53

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 Lab Sample ID: 460-121208-4

Matrix: Water Lab File ID: T1334175.D

Analysis Method: 8082A Date Collected: 09/30/2016 10:35

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/05/2016 13:01

Con. Extract Vol.: 1(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.: 395004 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334175.D
Lims ID: 460-121208-D-4-A
Client ID: MW-22
Sample Type: Client
Inject. Date: 05-Oct-2016 13:01:52 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-024
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 13:16:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.489	1.490	-0.001	57224637	20.0	M
2	1.320	1.320	0.000	51933303	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.465	10.460	0.005	140744838	68.8	
2	8.858	8.864	-0.006	198795576	79.5	
					RPD = 14.52	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

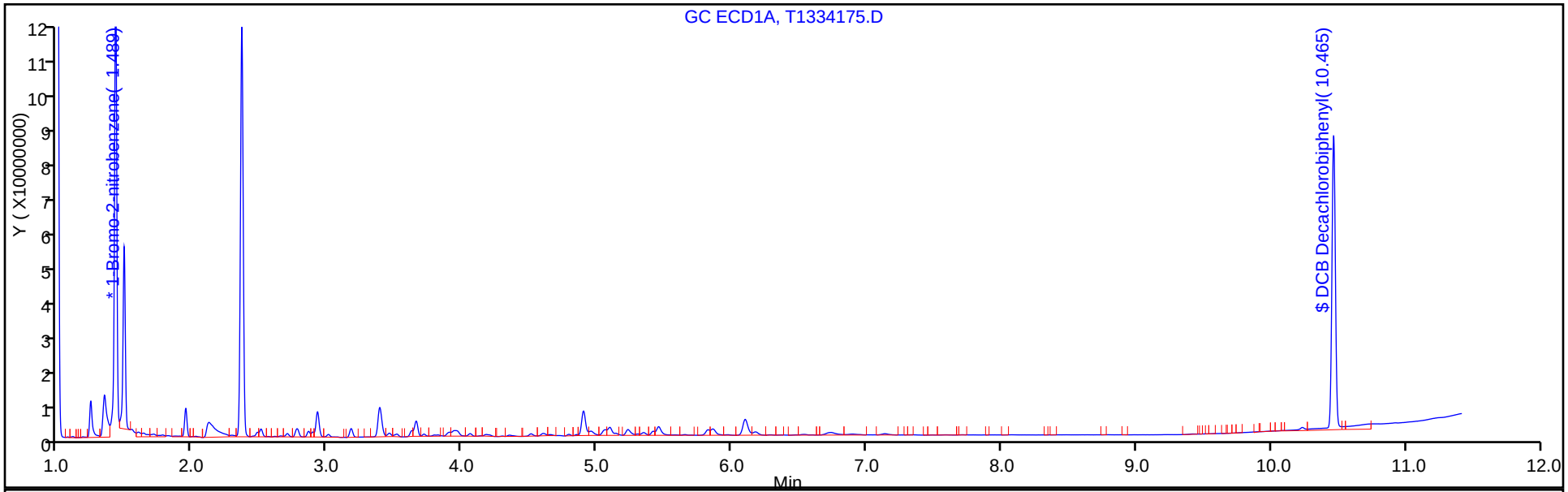
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

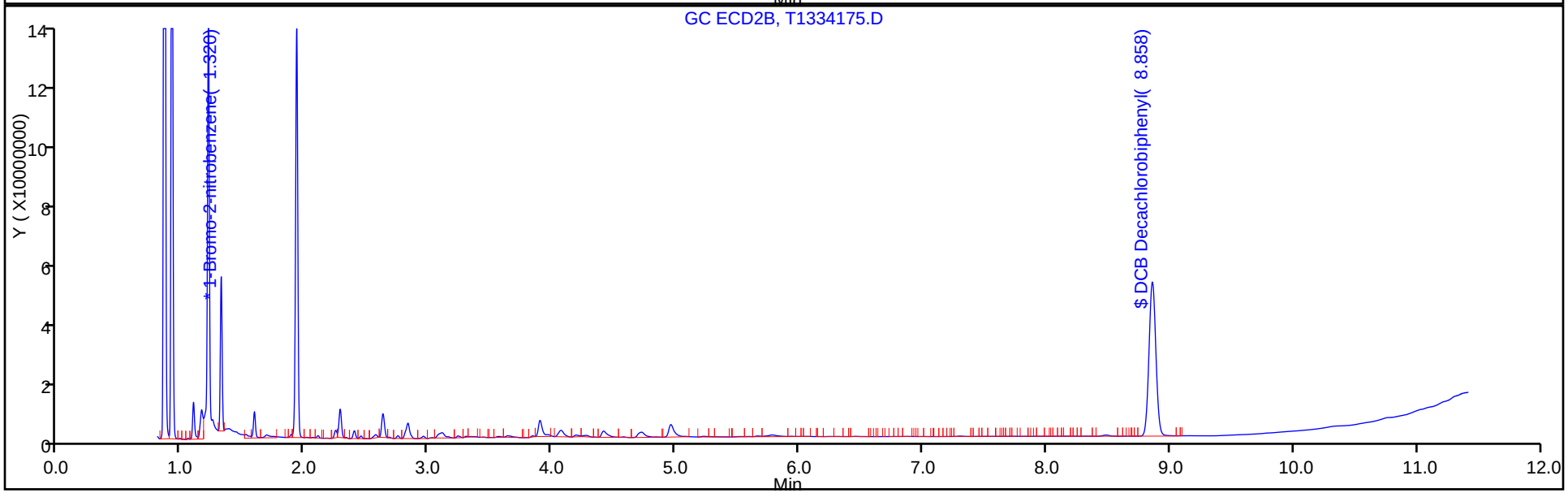
Report Date: 05-Oct-2016 15:10:37 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334175.D

Injection Date:	05-Oct-2016 13:01:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-D-4-A	Lab Sample ID:	460-121208-4	Worklist Smp#:	24
Client ID:	MW-22				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

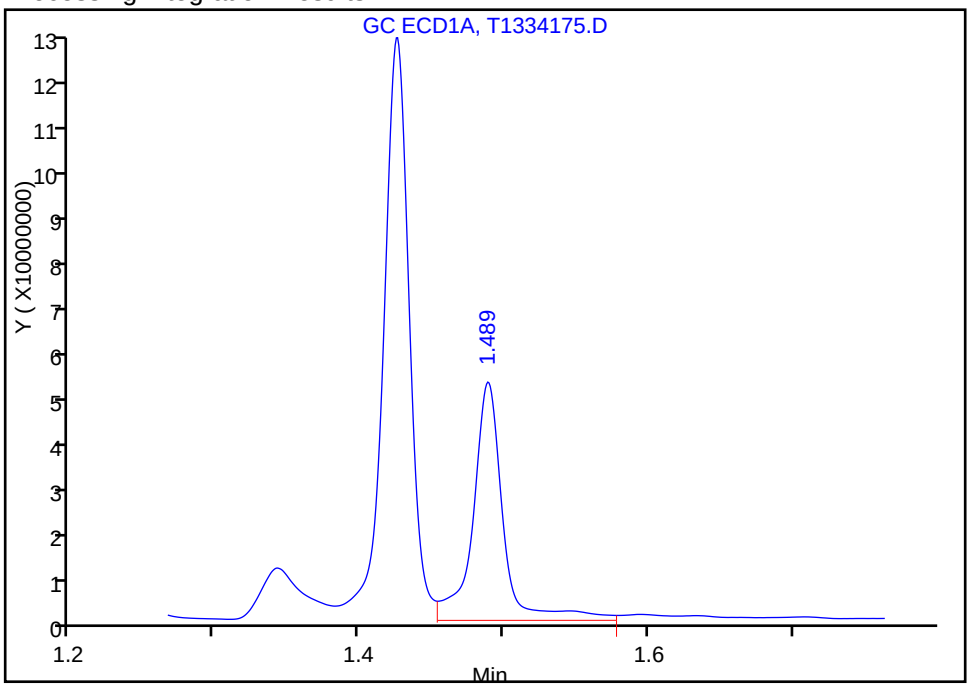
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334175.D		
Injection Date:	05-Oct-2016 13:01:52	Instrument ID:	CPESTGC11
Lims ID:	460-121208-D-4-A	Lab Sample ID:	460-121208-4
Client ID:	MW-22		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

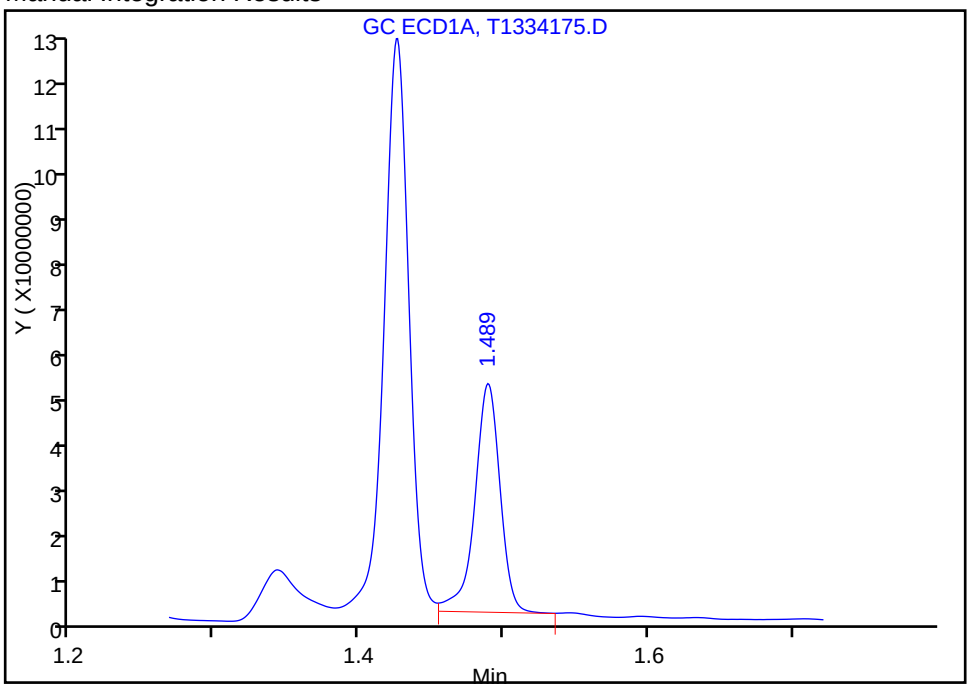
Processing Integration Results

RT: 1.49
Area: 71153955
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 57224637
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 13:16:51

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-22 | Lab Sample ID: 460-121208-4

Matrix: Water | Lab File ID: T1334175.D

Analysis Method: 8082A | Date Collected: 09/30/2016 10:35

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 13:01

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334175.D
Lims ID: 460-121208-D-4-A
Client ID: MW-22
Sample Type: Client
Inject. Date: 05-Oct-2016 13:01:52 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-024
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 13:16:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.489	1.490	-0.001	57224637	20.0	M
2	1.320	1.320	0.000	51933303	20.0	M
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.465	10.460	0.005	140744838	68.8	
2	8.858	8.864	-0.006	198795576	79.5	
					RPD = 14.52	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

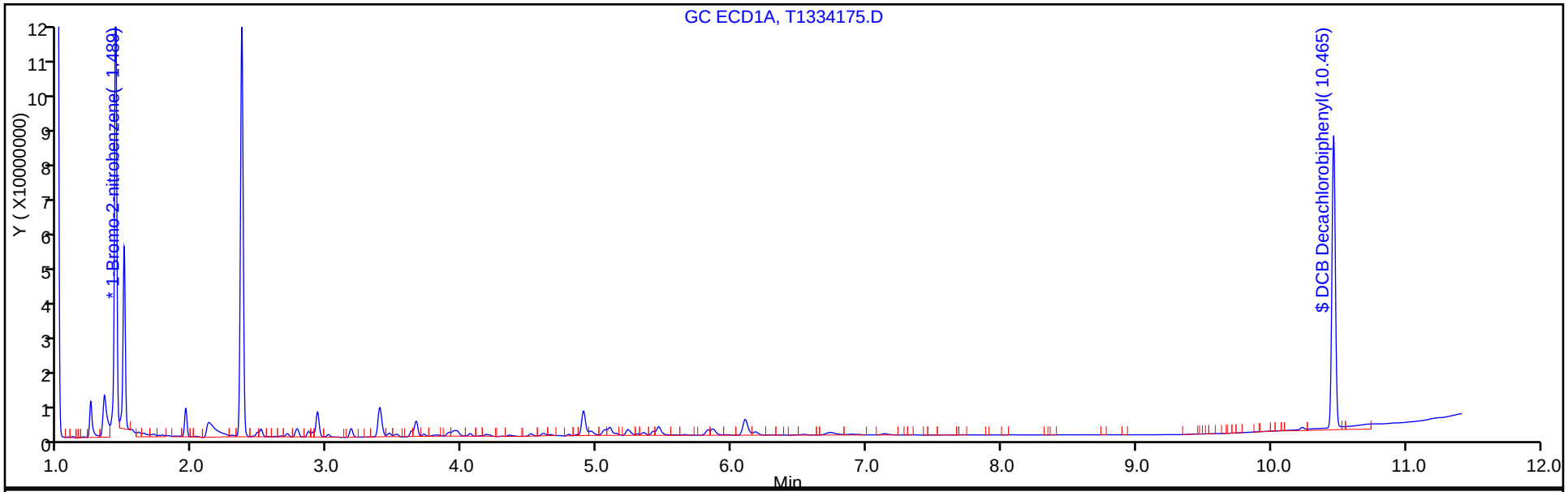
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

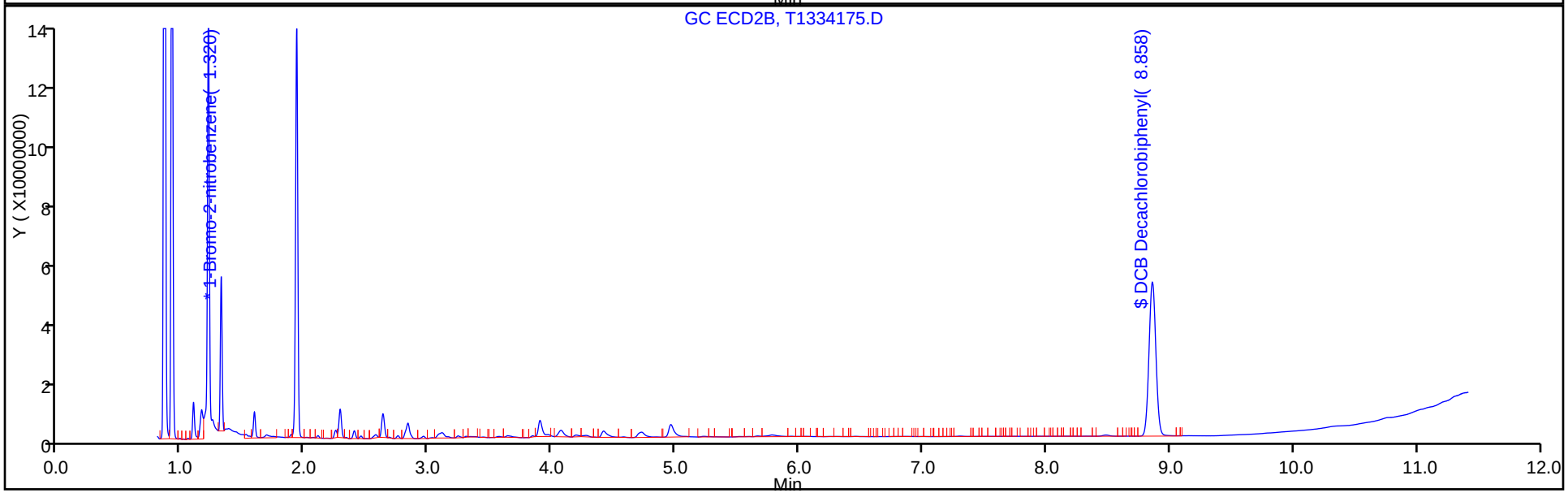
Report Date: 05-Oct-2016 15:10:38 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334175.D

Injection Date:	05-Oct-2016 13:01:52	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-D-4-A	Lab Sample ID:	460-121208-4	Worklist Smp#:	24
Client ID:	MW-22				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

TestAmerica Edison

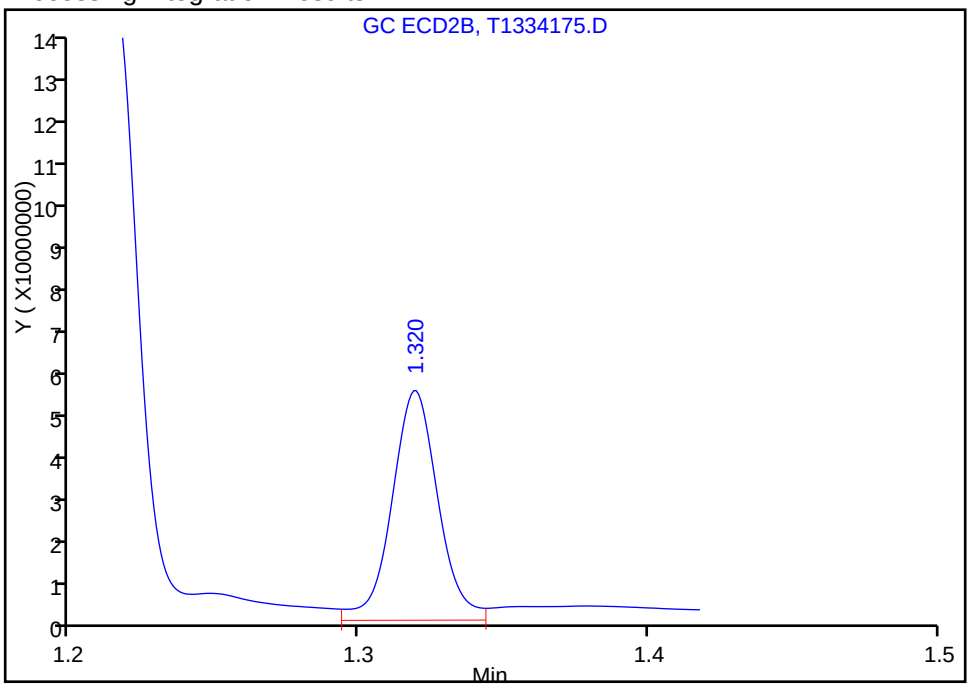
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334175.D				
Injection Date:	05-Oct-2016 13:01:52	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-D-4-A	Lab Sample ID:	460-121208-4		
Client ID:	MW-22				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

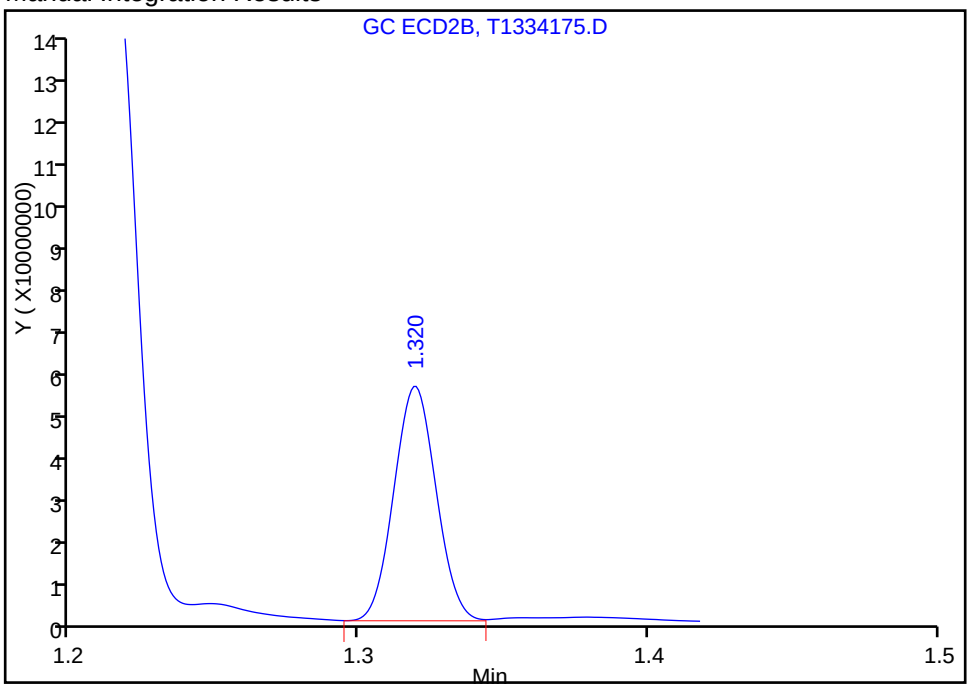
Processing Integration Results

RT: 1.32
Area: 59508687
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.32
Area: 51933303
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 05-Oct-2016 13:16:51
Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 DL | Lab Sample ID: 460-121208-5 DL

Matrix: Water | Lab File ID: T1334178.D

Analysis Method: 8082A | Date Collected: 09/30/2016 10:50

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 13:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99	*D*	10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D
Lims ID: 460-121208-D-5-A
Client ID: MW-18
Sample Type: Client
Inject. Date: 05-Oct-2016 13:58:17 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0046450-027
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 15:03:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.493	1.490	0.003	46336558	20.0	M
2	1.317	1.320	-0.003	45645408	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.932	2.932	0.000	9955830	297.7	
1	3.397	3.396	0.001	66710843	1017.5	
1	3.664	3.664	0.000	28015373	1065.5	M
1	3.914	3.911	0.003	157301071	1183.0	M
1	4.066	4.066	0.000	37319643	669.0	M
1	4.742	4.741	0.001	61527264	1191.7	
1	5.042	5.041	0.001	50868186	1095.5	
1	5.089	5.088	0.001	63255117	1221.5	
		Average of Peak Amounts =			967.7	
2	2.278	2.281	-0.003	10406791	314.7	
2	2.629	2.631	-0.002	72047717	1110.9	M
2	2.812	2.829	-0.017	65108457	1503.8	M
2	3.098	3.100	-0.002	169364129	1186.9	M
2	3.236	3.237	-0.001	41230111	695.8	M
2	3.666	3.669	-0.003	78892038	1323.4	M
2	4.140	4.122	0.018	106872749	1134.9	M
2	4.353	4.353	0.000	46443156	1262.1	M
		Average of Peak Amounts =			1066.6	
					RPD = 9.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.473	10.460	0.013	16360817	9.87	M
2	8.862	8.864	-0.002	24007349	10.9	
					RPD = 10.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

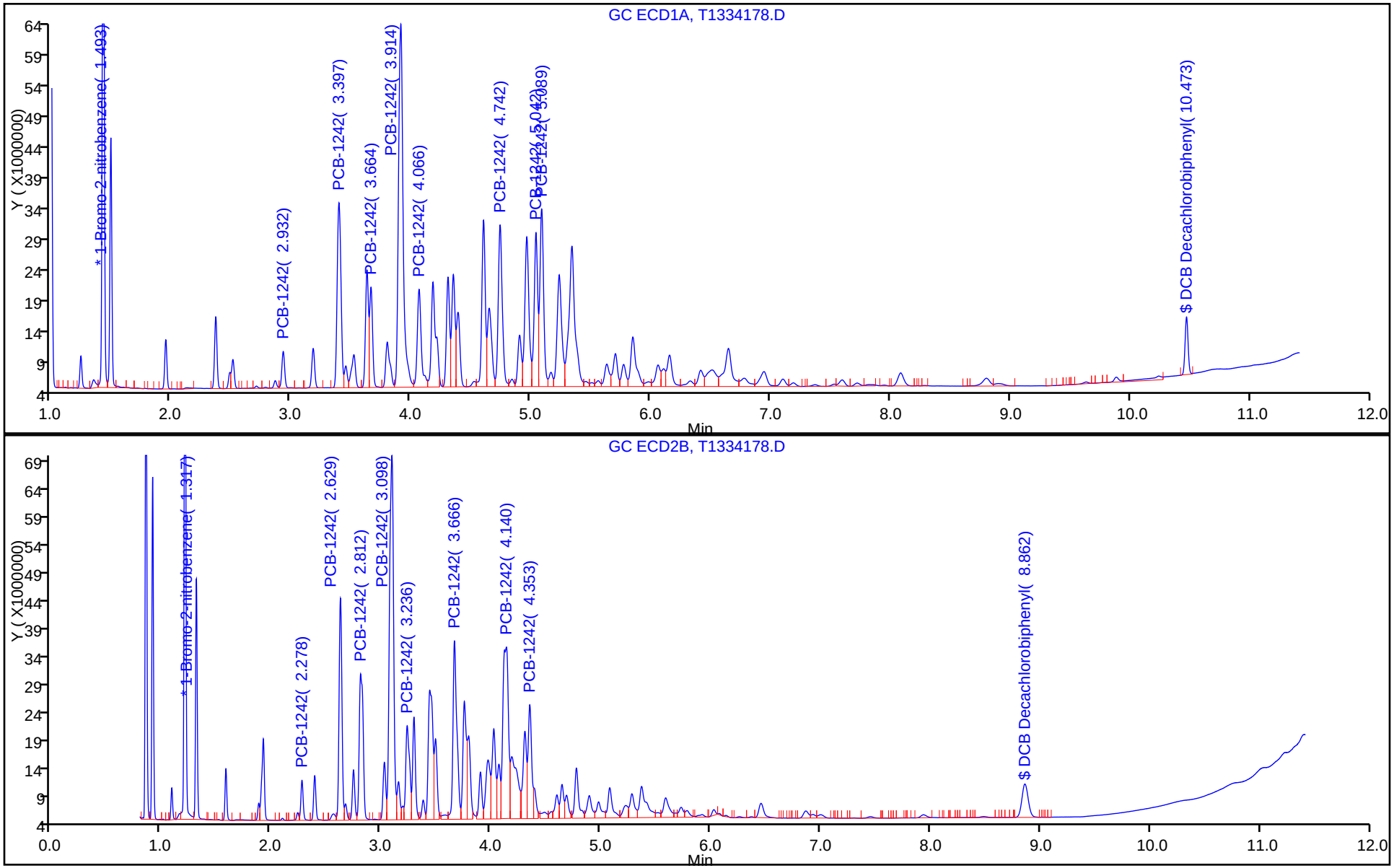
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 15:10:53 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D

Injection Date:	05-Oct-2016 13:58:17	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-D-5-A	Lab Sample ID:	460-121208-5	Worklist Smp#:	27
Client ID:	MW-18				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



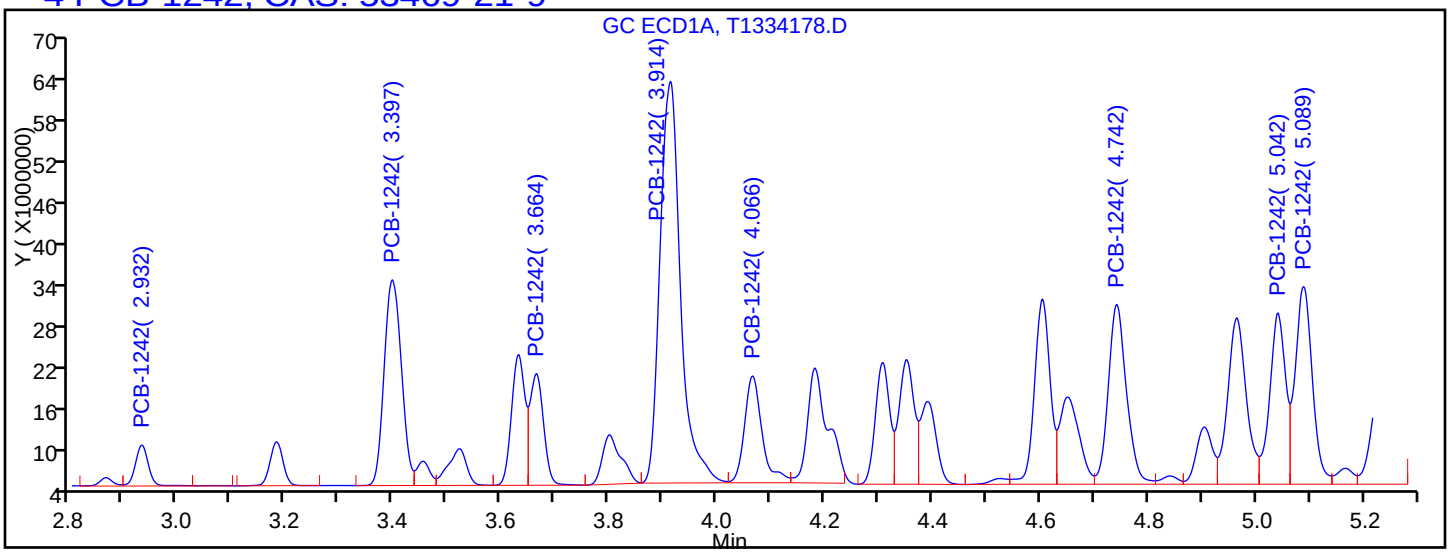
Report Date: 05-Oct-2016 15:10:54 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D

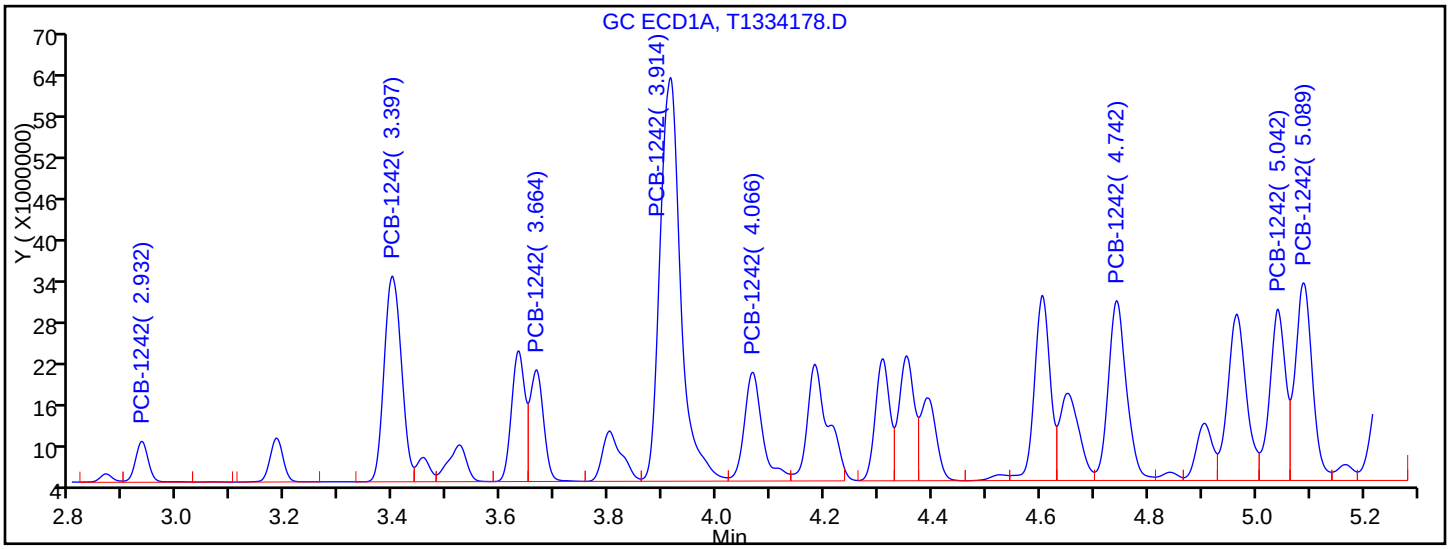
Injection Date:	05-Oct-2016 13:58:17	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-D-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.932	Response = 9955830
3.397	Response = 66710843
3.664	Response = 28056819
3.914	Response = 154542435
4.066	Response = 35286890
4.742	Response = 61527264
5.042	Response = 50868186
5.089	Response = 63255117



Manual Integration Results

2.932	Response = 9955830	
3.397	Response = 66710843	
3.664	Response = 28015373	M
3.914	Response = 157301071	M
4.066	Response = 37319643	M
4.742	Response = 61527264	

Manual Integration/User Assign Peak Report

TestAmerica Edison

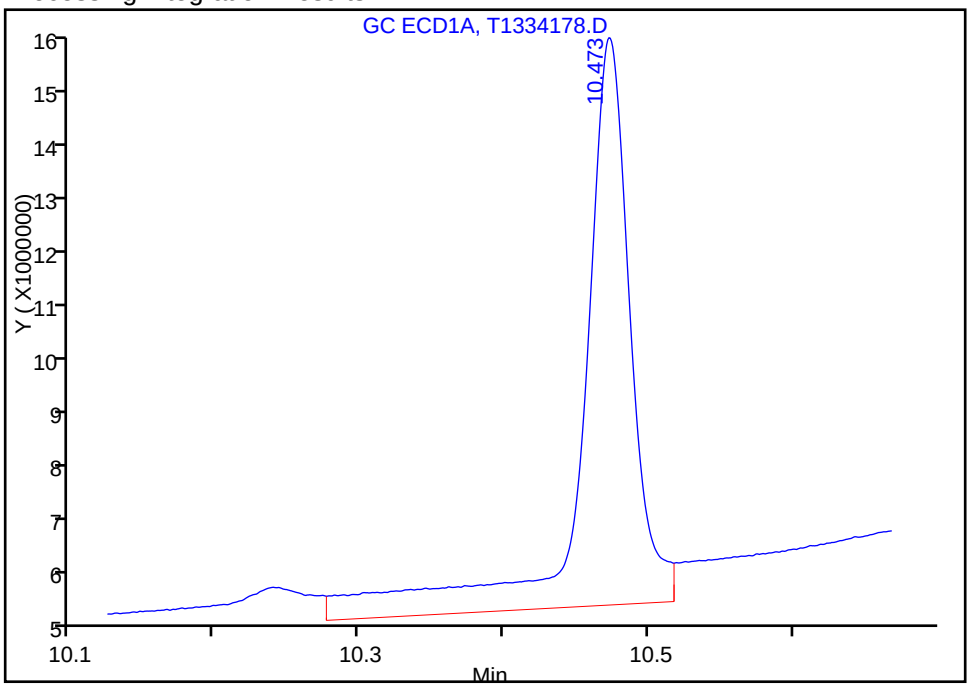
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D				
Injection Date:	05-Oct-2016 13:58:17	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-D-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

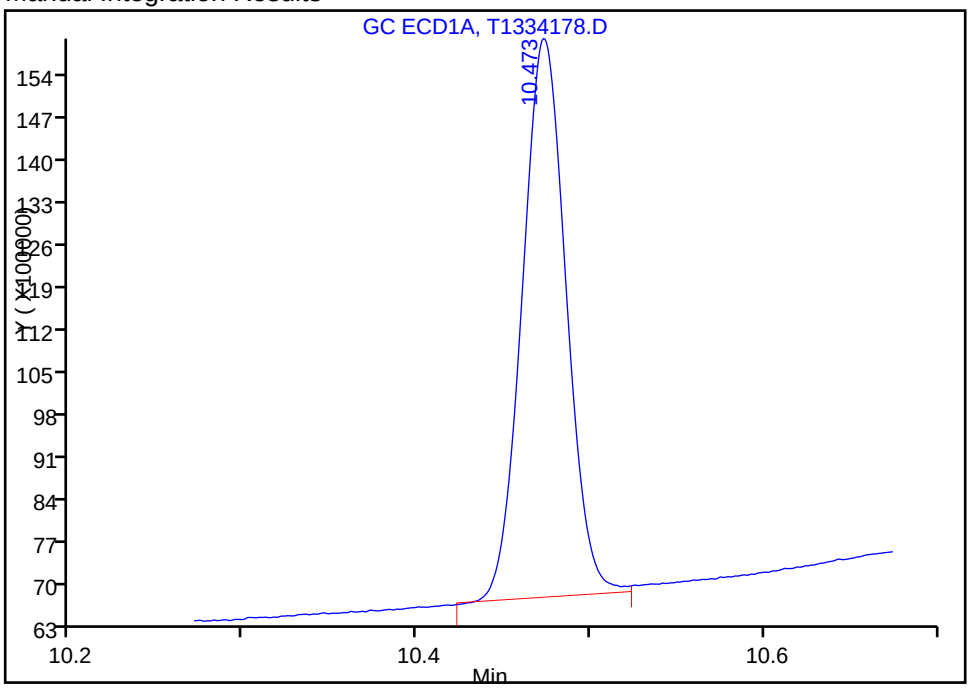
Processing Integration Results

RT: 10.47
Area: 23412490
Amount: 13.925612
Amount Units: ug/l



Manual Integration Results

RT: 10.47
Area: 16360817
Amount: 9.872016
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 15:03:33

Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

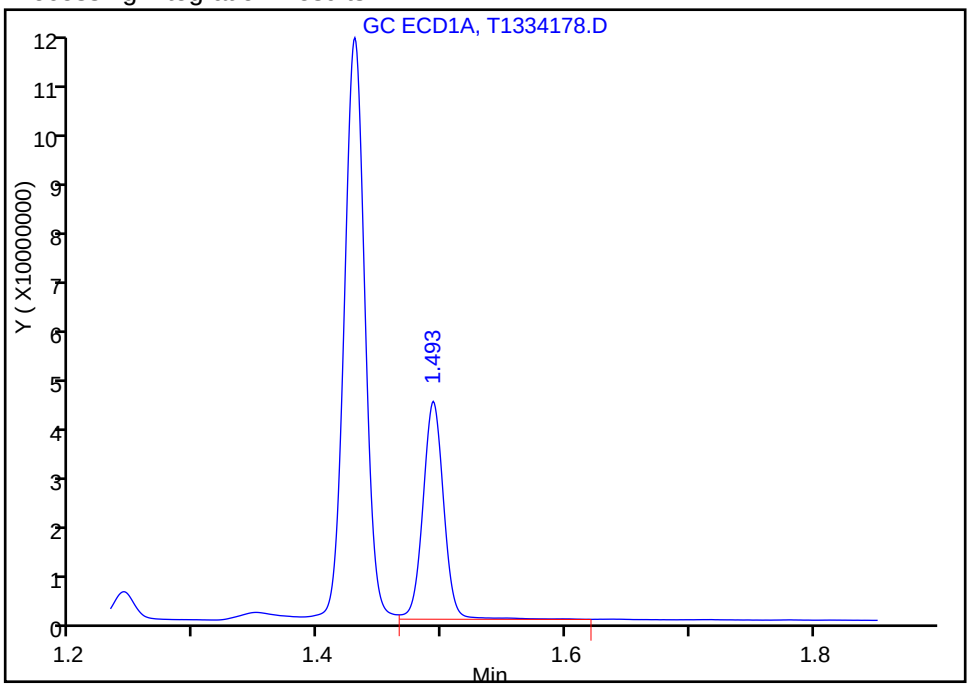
Data File:	\\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D				
Injection Date:	05-Oct-2016 13:58:17	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-D-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

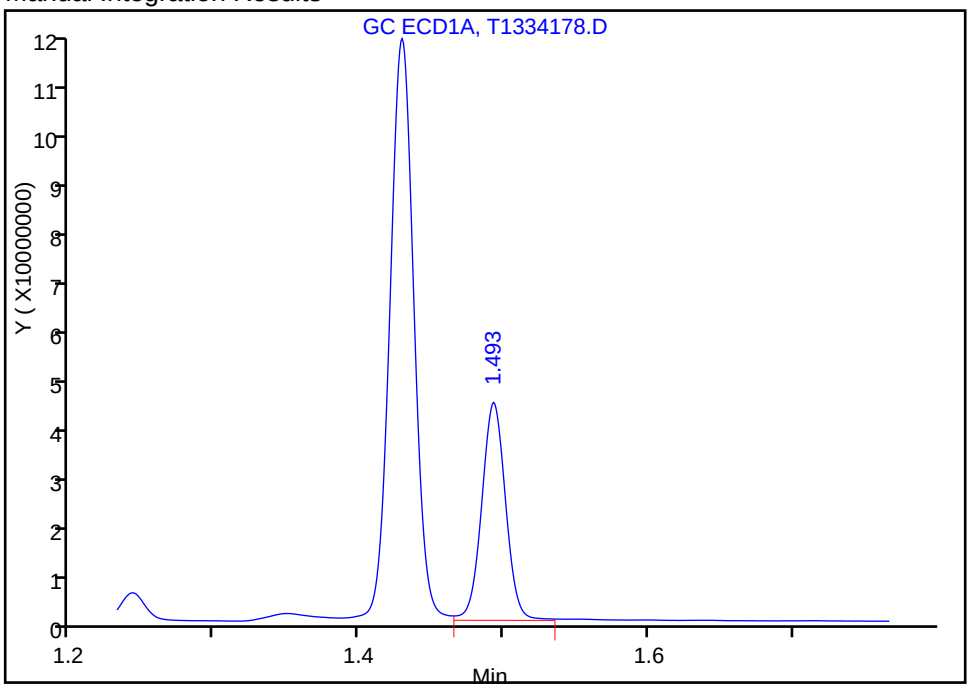
Processing Integration Results

RT: 1.49
Area: 47006501
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.49
Area: 46336558
Amount: 20.000000
Amount Units: ug/l



Reviewer: kapoors, 05-Oct-2016 15:03:33

Audit Action: Split an Integrated Peak Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 DL | Lab Sample ID: 460-121208-5 DL

Matrix: Water | Lab File ID: T1334178.D

Analysis Method: 8082A | Date Collected: 09/30/2016 10:50

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 13:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.98	U	4.0	0.98
11104-28-2	Aroclor 1221	0.98	U	4.0	0.98
11141-16-5	Aroclor 1232	0.98	U	4.0	0.98
53469-21-9	Aroclor 1242	43	D	4.0	0.98
12672-29-6	Aroclor 1248	0.98	U	4.0	0.98
11097-69-1	Aroclor 1254	0.84	U	4.0	0.84
11096-82-5	Aroclor 1260	0.84	U	4.0	0.84
37324-23-5	Aroclor 1262	0.84	U	4.0	0.84
11100-14-4	Aroclor 1268	0.84	U	4.0	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109	D	10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D
Lims ID: 460-121208-D-5-A
Client ID: MW-18
Sample Type: Client
Inject. Date: 05-Oct-2016 13:58:17 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0046450-027
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 15:03:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.493	1.490	0.003	46336558	20.0	M
2	1.317	1.320	-0.003	45645408	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	2.932	2.932	0.000	9955830	297.7	
1	3.397	3.396	0.001	66710843	1017.5	
1	3.664	3.664	0.000	28015373	1065.5	M
1	3.914	3.911	0.003	157301071	1183.0	M
1	4.066	4.066	0.000	37319643	669.0	M
1	4.742	4.741	0.001	61527264	1191.7	
1	5.042	5.041	0.001	50868186	1095.5	
1	5.089	5.088	0.001	63255117	1221.5	
		Average of Peak Amounts =			967.7	
2	2.278	2.281	-0.003	10406791	314.7	
2	2.629	2.631	-0.002	72047717	1110.9	M
2	2.812	2.829	-0.017	65108457	1503.8	M
2	3.098	3.100	-0.002	169364129	1186.9	M
2	3.236	3.237	-0.001	41230111	695.8	M
2	3.666	3.669	-0.003	78892038	1323.4	M
2	4.140	4.122	0.018	106872749	1134.9	M
2	4.353	4.353	0.000	46443156	1262.1	M
		Average of Peak Amounts =			1066.6	
					RPD = 9.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.473	10.460	0.013	16360817	9.87	M
2	8.862	8.864	-0.002	24007349	10.9	
					RPD = 10.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

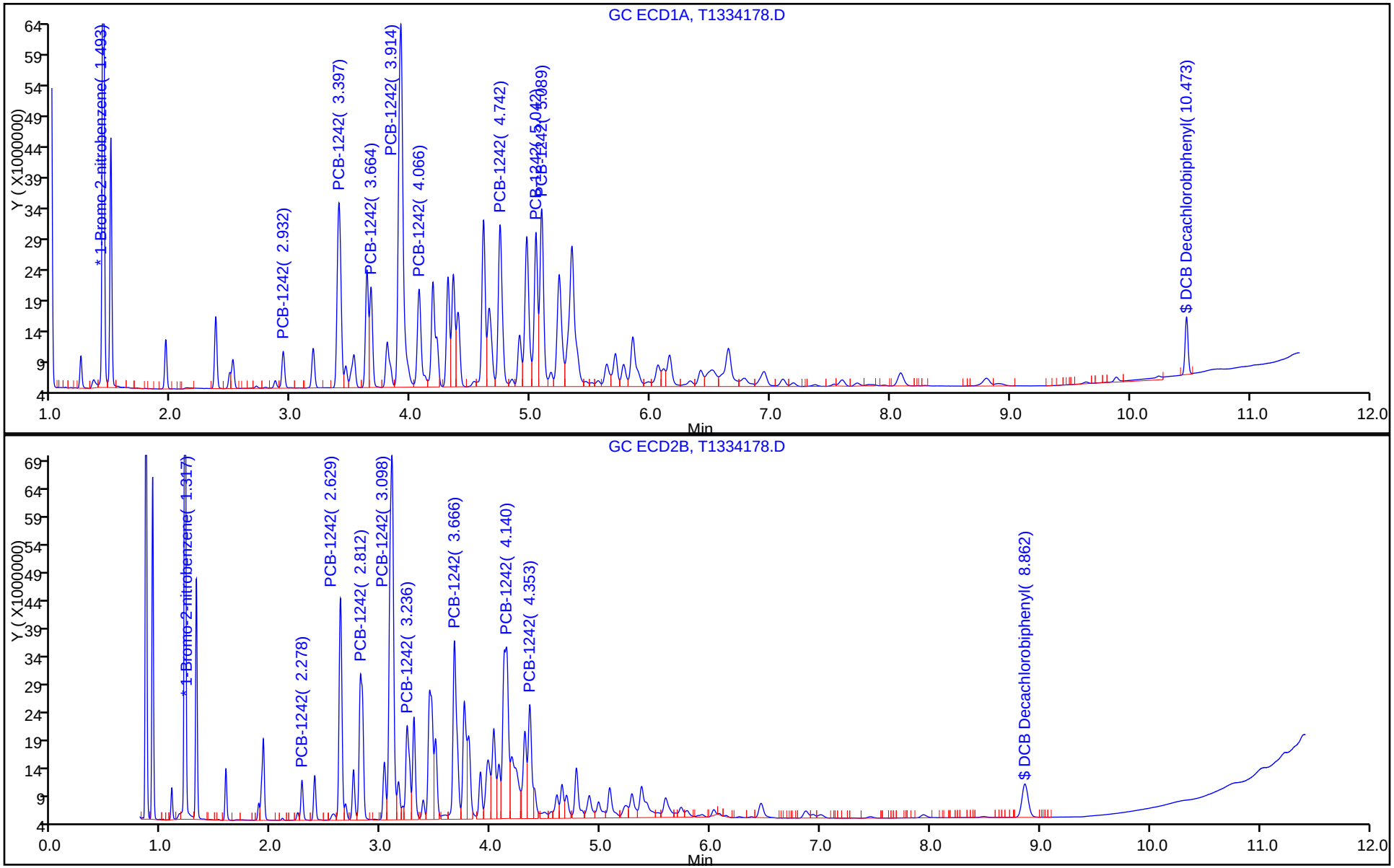
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-Oct-2016 15:10:54 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D

Injection Date:	05-Oct-2016 13:58:17	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-D-5-A	Lab Sample ID:	460-121208-5	Worklist Smp#:	27
Client ID:	MW-18				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	27
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



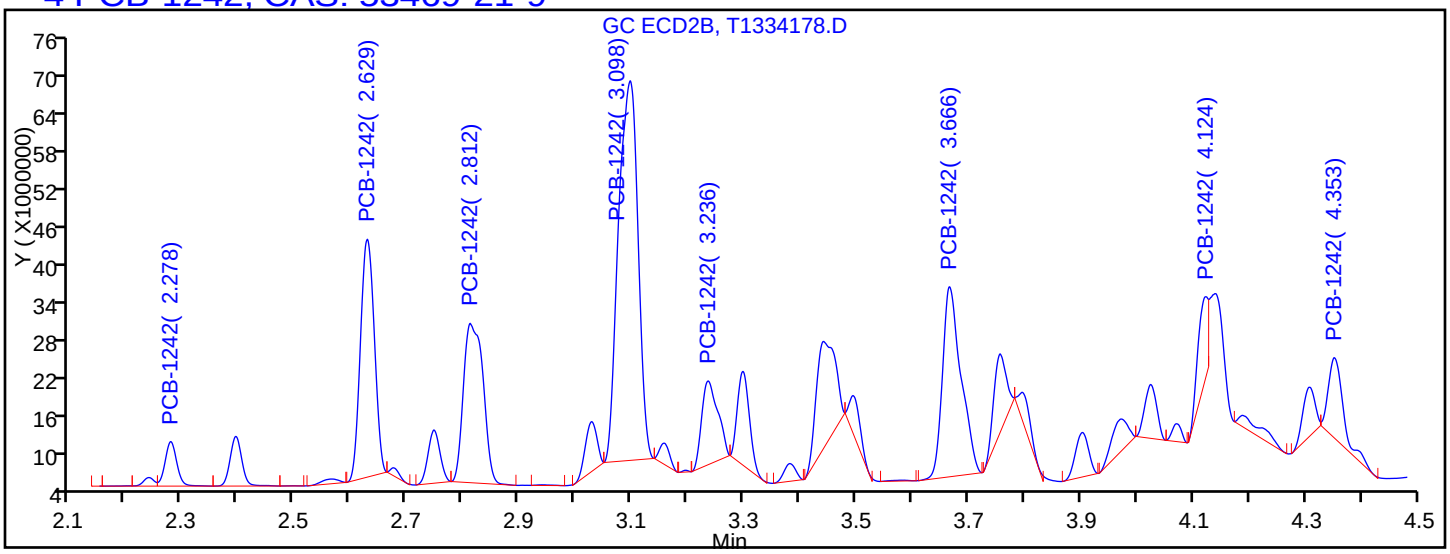
Report Date: 05-Oct-2016 15:10:55 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334178.D

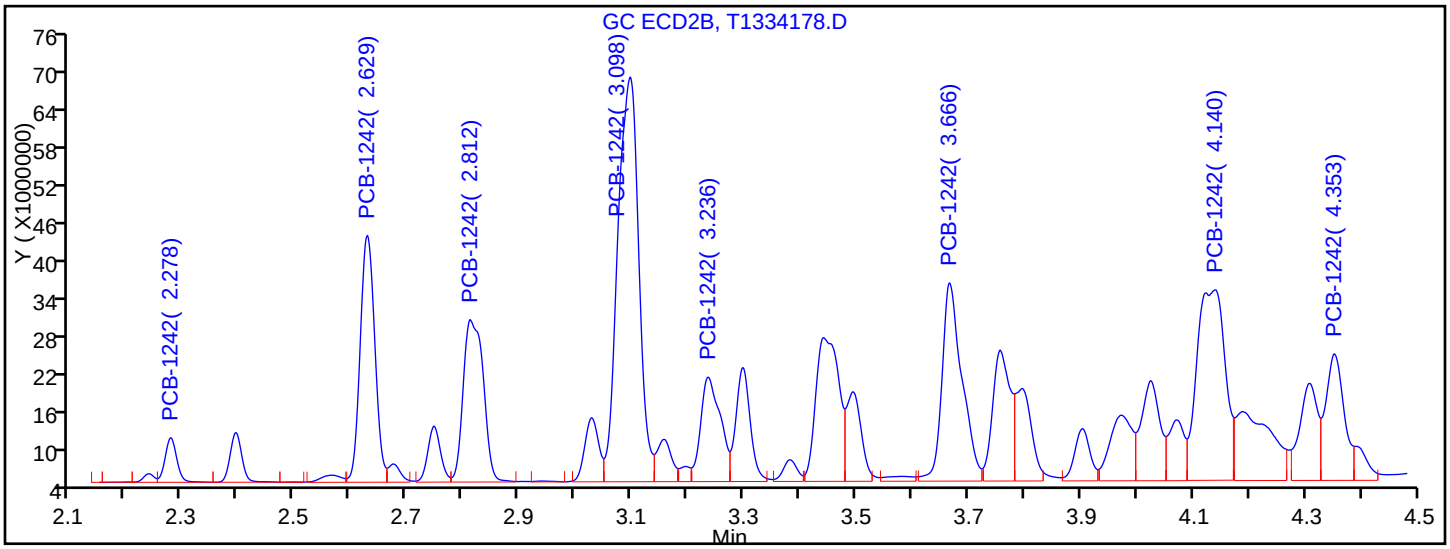
Injection Date:	05-Oct-2016 13:58:17	Instrument ID:	CPESTGC11		
Lims ID:	460-121208-D-5-A	Lab Sample ID:	460-121208-5		
Client ID:	MW-18				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

2.278	Response = 10406791
2.629	Response = 65973507
2.812	Response = 62472027
3.098	Response = 147662115
3.236	Response = 26874880
3.666	Response = 69935588
4.124	Response = 17540078
4.353	Response = 23771626



Manual Integration Results

2.278	Response = 10406791	
2.629	Response = 72047717	M
2.812	Response = 65108457	M
3.098	Response = 169364129	M
3.236	Response = 41230111	M
3.666	Response = 78892038	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: T1334177.D

Analysis Method: 8082A | Date Collected: 09/30/2016 11:00

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 13:31

Con. Extract Vol.: 1(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.: 395004 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334177.D
Lims ID: 460-121208-G-6-A
Client ID: MW-18 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 13:31:32 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-026
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 15:02:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.488	1.490	-0.002	58703218	20.0	
2	1.319	1.320	-0.001	57320434	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.459	10.460	-0.001	144943903	69.0	
2	8.861	8.864	-0.003	215330799	78.1	
				RPD =	12.26	

Reagents:

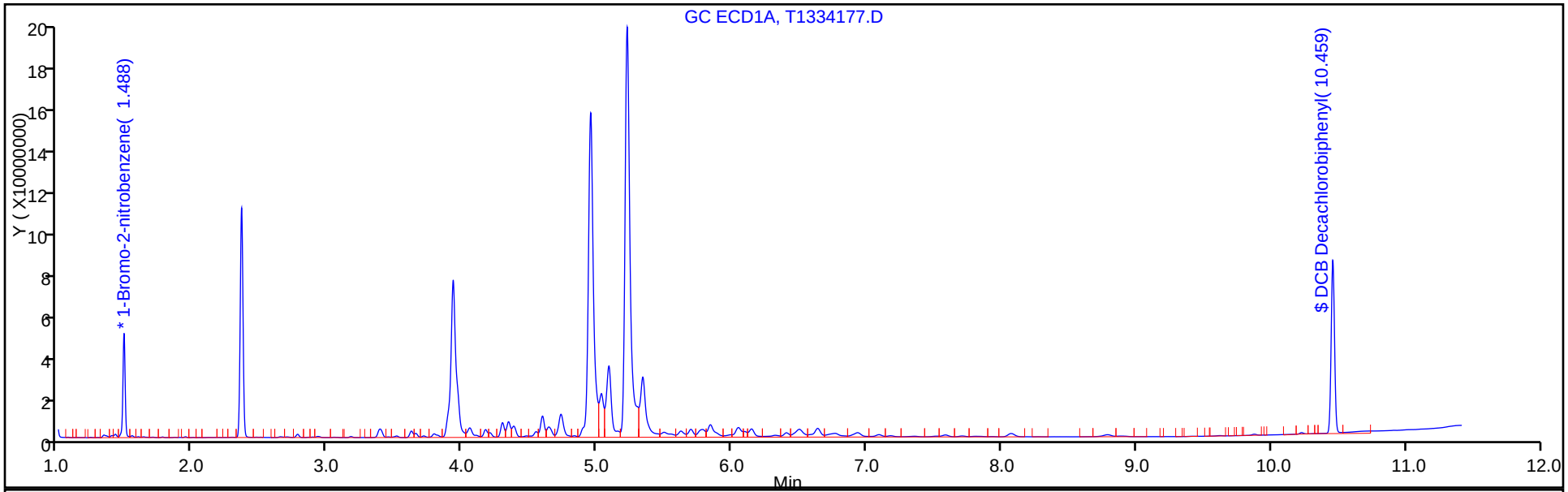
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

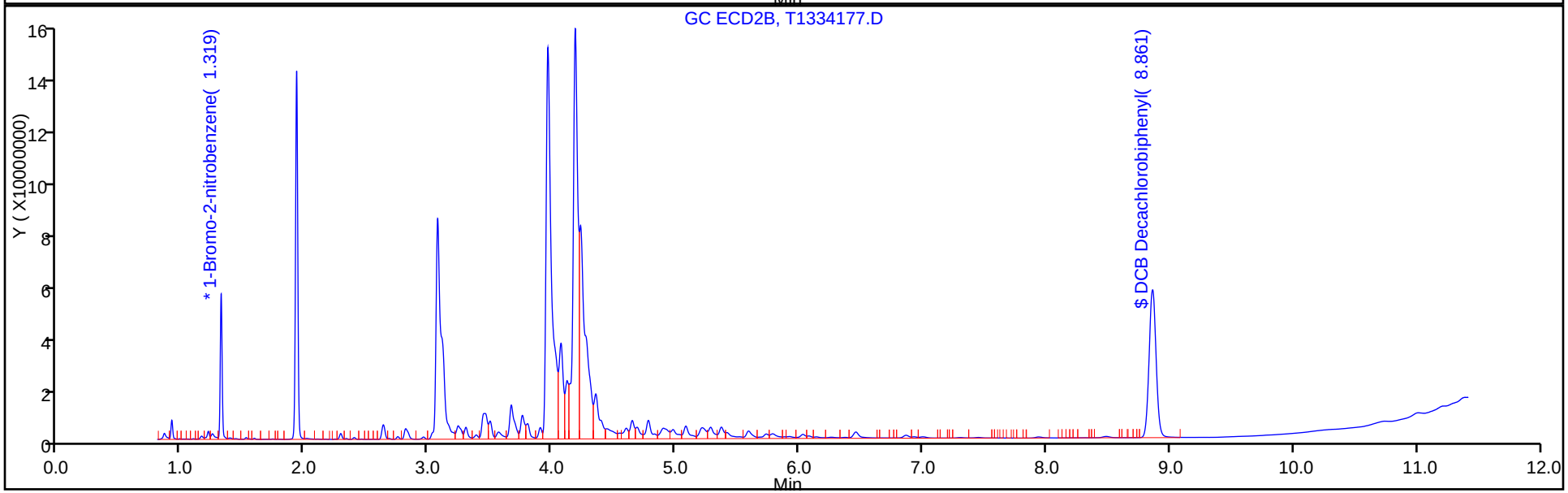
Report Date: 05-Oct-2016 15:10:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334177.D

Injection Date:	05-Oct-2016 13:31:32	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-G-6-A	Lab Sample ID:	460-121208-6	Worklist Smp#:	26
Client ID:	MW-18 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: MW-18 Filtered | Lab Sample ID: 460-121208-6

Matrix: Water | Lab File ID: T1334177.D

Analysis Method: 8082A | Date Collected: 09/30/2016 11:00

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 13:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334177.D
Lims ID: 460-121208-G-6-A
Client ID: MW-18 Filtered
Sample Type: Client
Inject. Date: 05-Oct-2016 13:31:32 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-026
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 15:03:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: kapoors Date: 05-Oct-2016 15:02:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.488	1.490	-0.002	58703218	20.0	
2	1.319	1.320	-0.001	57320434	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.459	10.460	-0.001	144943903	69.0	
2	8.861	8.864	-0.003	215330799	78.1	
				RPD =	12.26	

Reagents:

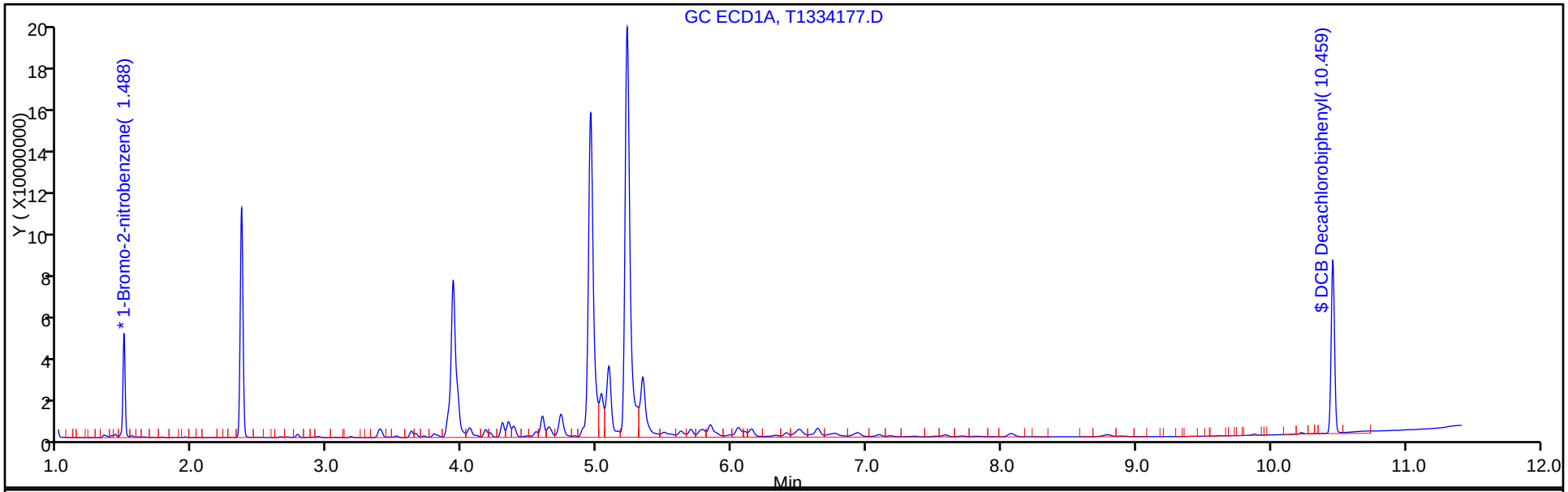
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

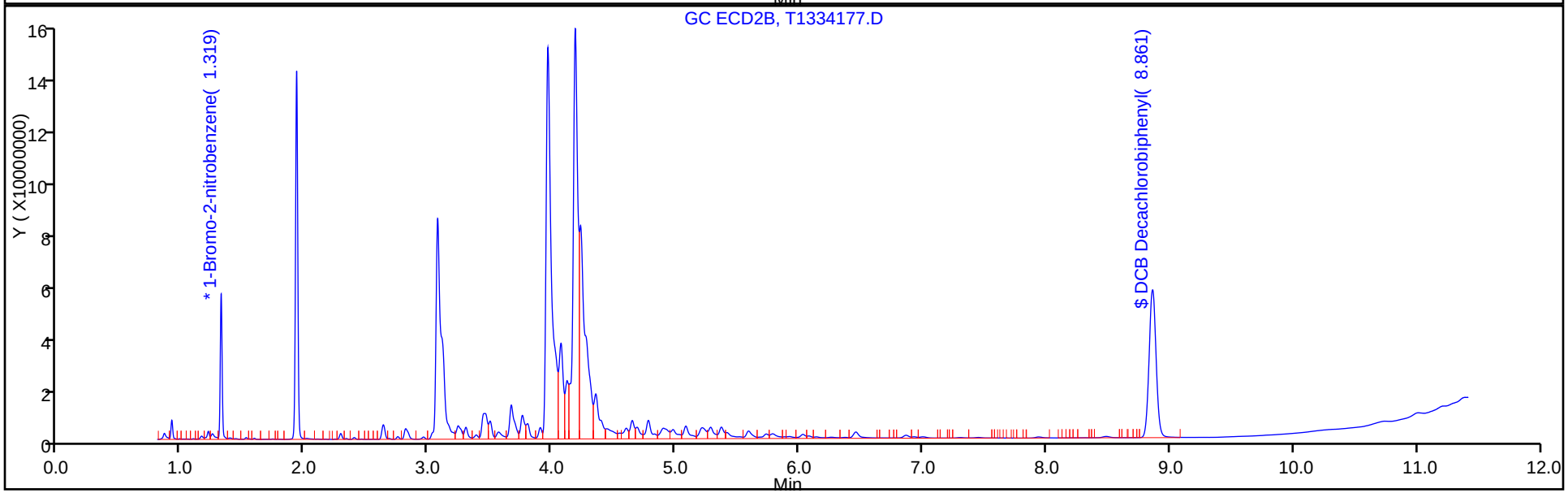
Report Date: 05-Oct-2016 15:10:51 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334177.D

Injection Date:	05-Oct-2016 13:31:32	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-G-6-A	Lab Sample ID:	460-121208-6	Worklist Smp#:	26
Client ID:	MW-18 Filtered				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: T1334148.D

Analysis Method: 8082A | Date Collected: 09/30/2016 11:45

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 20:28

Con. Extract Vol.: 1(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.: 394836 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334148.D
Lims ID: 460-121208-F-7-A
Client ID: FB_20160930
Sample Type: Client
Inject. Date: 04-Oct-2016 20:28:36 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-028
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 10:40:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.490	1.487	0.003	46676761	20.0	
2	1.320	1.319	0.001	45450407	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.444	10.453	-0.009	162096438	97.1	
2	8.860	8.864	-0.004	228961302	104.7	
				RPD =	7.51	

Reagents:

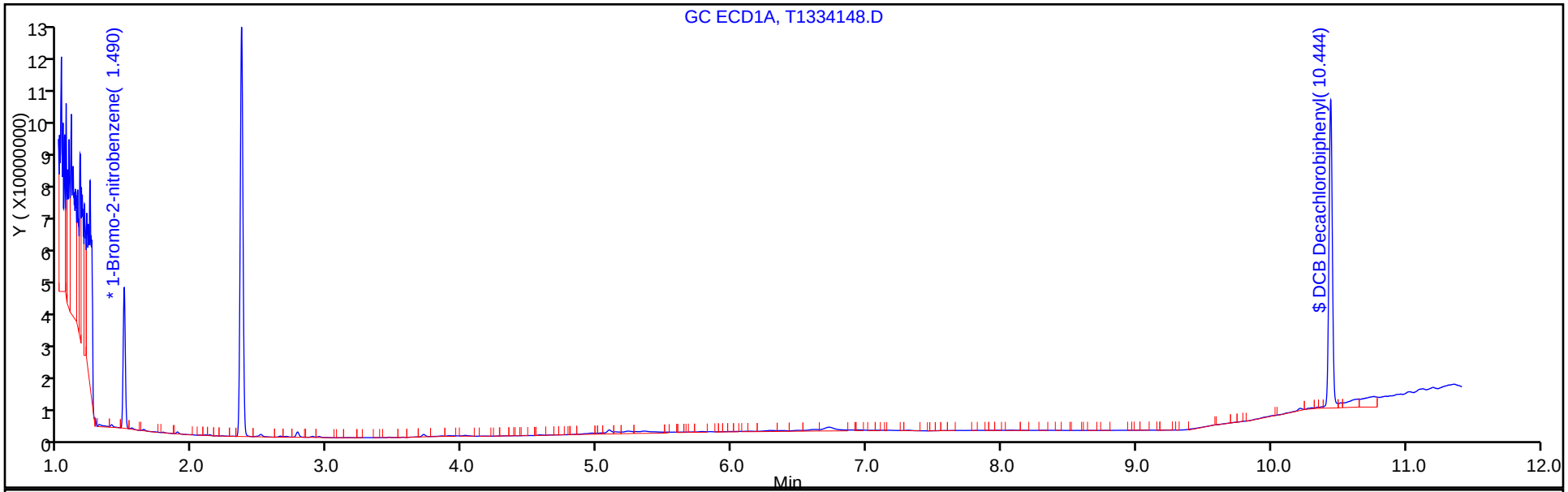
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

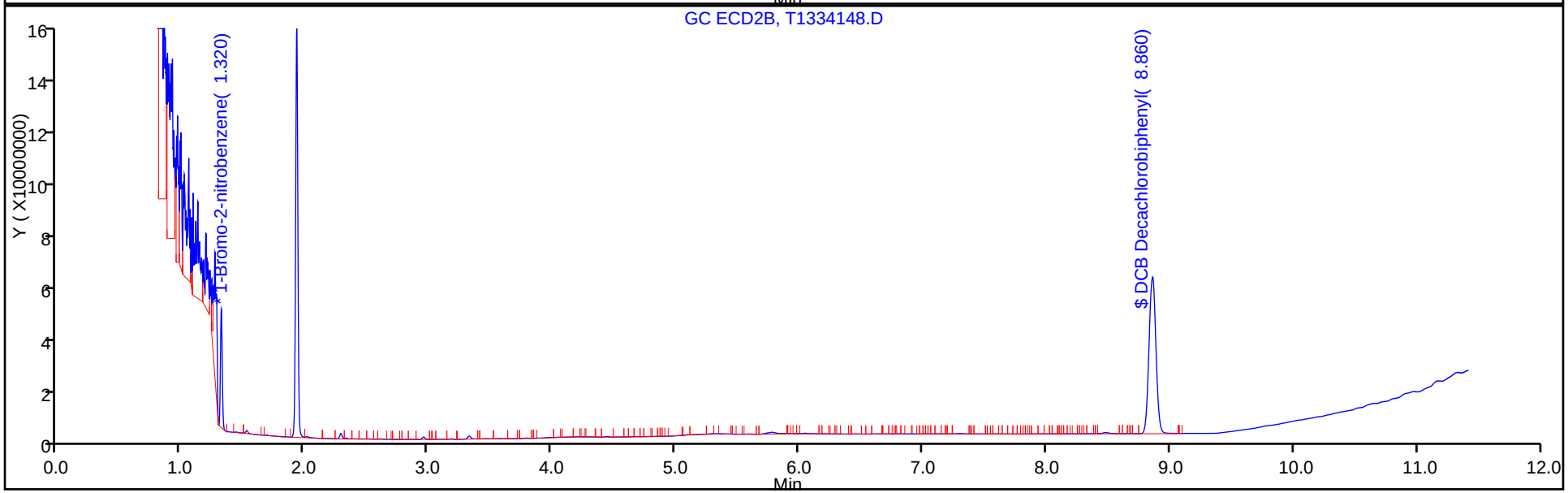
Report Date: 05-Oct-2016 10:44:56 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334148.D

Injection Date:	04-Oct-2016 20:28:36	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-F-7-A	Lab Sample ID:	460-121208-7	Worklist Smp#:	28
Client ID:	FB_20160930				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: FB_20160930 | Lab Sample ID: 460-121208-7

Matrix: Water | Lab File ID: T1334148.D

Analysis Method: 8082A | Date Collected: 09/30/2016 11:45

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 20:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334148.D
Lims ID: 460-121208-F-7-A
Client ID: FB_20160930
Sample Type: Client
Inject. Date: 04-Oct-2016 20:28:36 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-028
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 10:40:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.490	1.487	0.003	46676761	20.0	
2	1.320	1.319	0.001	45450407	20.0	
				RPD =	0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.444	10.453	-0.009	162096438	97.1	
2	8.860	8.864	-0.004	228961302	104.7	
				RPD =	7.51	

Reagents:

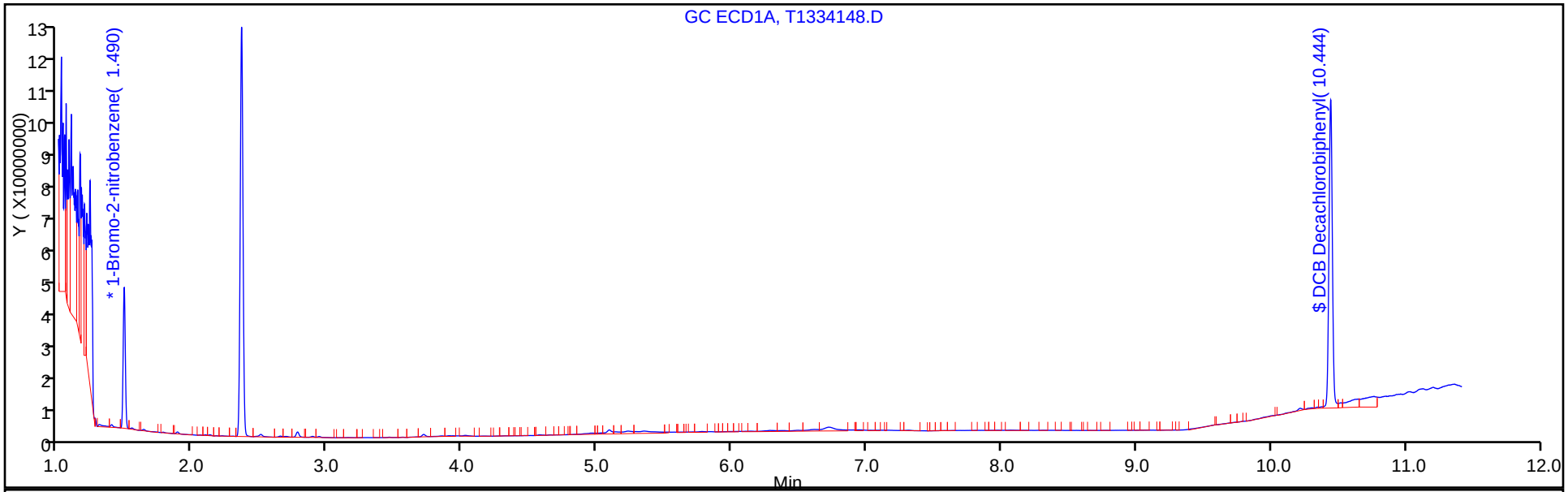
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

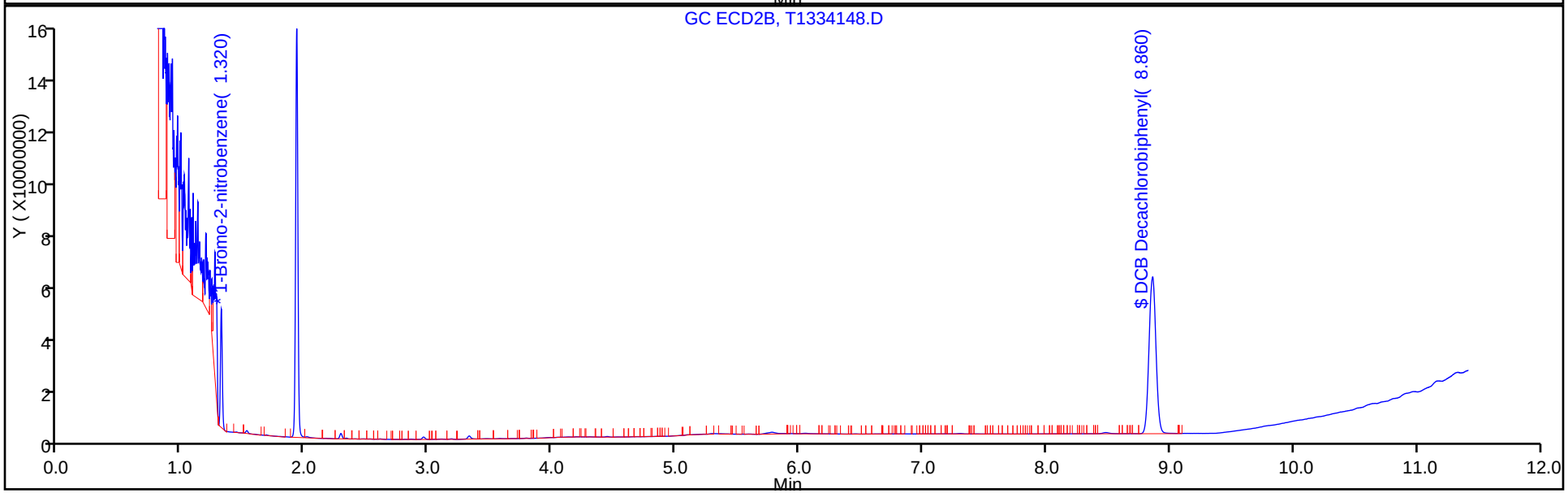
Report Date: 05-Oct-2016 10:44:57 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334148.D

Injection Date:	04-Oct-2016 20:28:36	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-121208-F-7-A	Lab Sample ID:	460-121208-7	Worklist Smp#:	28
Client ID:	FB_20160930				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.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								
PCB-1016 Peak 1	0.0183	0.0163	0.0156	0.0163	0.0156	Ave		0.0164				6.6		20.0			0.9900
PCB-1016 Peak 2	0.0342	0.0327	0.0316	0.0322	0.0312	Ave		0.0323				3.6		20.0			0.9900
PCB-1016 Peak 3	0.0174	0.0138	0.0125	0.0135	0.0133	Ave		0.0141				13.6		20.0			0.9900
PCB-1016 Peak 4	0.0705	0.0658	0.0640	0.0658	0.0640	Ave		0.0660				4.0		20.0			0.9900
PCB-1016 Peak 5	0.0308	0.0275	0.0267	0.0275	0.0267	Ave		0.0278				6.2		20.0			0.9900
PCB-1016 Peak 6	0.0142	0.0146	0.0141	0.0146	0.0141	Ave		0.0143				1.8		20.0			0.9900
PCB-1016 Peak 7	0.0241	0.0221	0.0216	0.0220	0.0213	Ave		0.0222				5.0		20.0			0.9900
PCB-1016 Peak 8	0.0248	0.0246	0.0243	0.0249	0.0242	Ave		0.0246				1.3		20.0			0.9900
PCB-1260 Peak 1	0.0207	0.0214	0.0214	0.0214	0.0209	Ave		0.0211				1.6		20.0			0.9900
PCB-1260 Peak 2	0.0456	0.0446	0.0446	0.0444	0.0432	Ave		0.0445				1.9		20.0			0.9900
PCB-1260 Peak 3	0.0533	0.0528	0.0521	0.0516	0.0500	Ave		0.0520				2.4		20.0			0.9900
PCB-1260 Peak 4	0.0412	0.0433	0.0422	0.0418	0.0405	Ave		0.0418				2.5		20.0			0.9900
PCB-1260 Peak 5	0.0469	0.0468	0.0464	0.0458	0.0445	Ave		0.0461				2.1		20.0			0.9900
PCB-1260 Peak 6	0.0973	0.0989	0.0975	0.0963	0.0939	Ave		0.0968				1.9		20.0			0.9900
PCB-1260 Peak 7	0.0756	0.0740	0.0717	0.0704	0.0706	Ave		0.0725				3.1		20.0			0.9900
PCB-1260 Peak 8	0.0279	0.0271	0.0265	0.0265	0.0261	Ave		0.0268				2.6		20.0			0.9900
Tetrachloro-m-xylene	0.8662	0.9111	0.8689	0.8775	0.8840	Ave		0.8815				2.0		20.0			0.9900
DCB Decachlorobiphenyl	0.7260	0.7319	0.7194	0.6940	0.7053	Ave		0.7153				2.2		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.D

ANALYTE	IS REF	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	BNB	Ave	2383471	19947747	37214464	58856970	94368056	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	4450942	39847649	75127788	116217693	188148070	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2265887	16821854	29679246	48670211	80291841	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	9187173	80280216	152282244	237555906	386108517	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	4013840	33578572	63515995	99201310	160901993	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1851014	17797798	33548865	52581109	84995899	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3145812	26928358	51363153	79442295	128519270	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	3235444	30040601	57737690	89996046	146139896	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	2696008	26169828	50827089	77203552	125996858	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	5939775	54445319	106245724	160164329	260766285	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	6940606	64474128	124113120	186376539	302059609	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5368130	52790602	100581197	150841048	244502543	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	6106642	57153947	110461120	165302329	268936894	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	12678163	120701616	232150751	347385866	566902787	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	9853674	90244352	170793787	254181707	426186386	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3636685	33015803	63183426	95617467	157407607	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	28223476	111178386	206845811	316646455	426956448	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	23654358	89311814	171272113	250450560	340655792	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	52132508	20.0	20.0	
2	1.367	1.368	-0.001	44247020	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.425	2.426	-0.001	28223476	12.5	12.3	
2	1.998	1.999	-0.001	23622105	12.5	11.9	
						RPD = 3.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	2383471	50.0	55.6	
1	3.466	3.465	0.001	4450942	50.0	52.8	
1	3.743	3.738	0.005	2265887	50.0	61.7	M
1	3.985	3.985	0.000	9187173	50.0	53.4	
1	4.142	4.142	0.000	4013840	50.0	55.3	M
1	4.382	4.384	-0.002	1851014	50.0	49.6	
1	4.682	4.684	-0.002	3145812	50.0	54.3	
1	4.822	4.822	0.000	3235444	50.0	50.5	M
		Average of Peak Amounts =				54.2	
2	2.360	2.360	0.000	1988791	50.0	54.2	
2	2.717	2.718	-0.001	3657353	50.0	51.0	
2	2.922	2.921	0.001	2367984	50.0	49.5	
2	3.193	3.194	-0.001	7940401	50.0	49.8	
2	3.332	3.333	-0.001	3200676	50.0	48.6	
2	3.397	3.397	0.000	2246628	50.0	55.3	
2	3.769	3.770	-0.001	3519821	50.0	52.8	
2	3.859	3.860	-0.001	1898528	50.0	51.0	
		Average of Peak Amounts =				51.5	
						RPD = 5.02	
8 PCB-1260							M
1	5.996	5.996	0.000	2696008	50.0	48.9	
1	6.209	6.211	-0.002	5939775	50.0	51.2	
1	6.520	6.521	-0.001	6940606	50.0	51.2	M
1	7.225	7.228	-0.003	5368130	50.0	49.3	M
1	7.734	7.735	-0.001	6106642	50.0	50.8	
1	8.230	8.230	0.000	12678163	50.0	50.3	
1	8.962	8.960	0.002	9853674	50.0	52.2	
1	9.979	9.979	0.000	3636685	50.0	52.0	
		Average of Peak Amounts =				50.7	
2	5.090	5.091	-0.001	4924424	50.0	51.3	M
2	5.707	5.708	-0.001	8504377	50.0	51.3	M
2	5.855	5.855	0.000	5791258	50.0	57.3	M
2	6.161	6.162	-0.001	5479148	50.0	53.4	M
2	6.599	6.600	-0.001	11492180	50.0	50.5	M
2	7.017	7.019	-0.002	6090276	50.0	52.0	M
2	7.159	7.160	-0.001	3541594	50.0	53.0	M
2	8.120	8.119	0.001	3234769	50.0	49.2	
		Average of Peak Amounts =				52.2	
						RPD = 2.92	
$ 11 DCB Decachlorobiphenyl							M
1	10.541	10.542	-0.001	23654358	12.5	12.7	M
2	9.067	9.070	-0.003	28261365	12.5	13.3	
						RPD = 4.50	
S 12 Polychlorinated biphenyls, Total							
1						104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

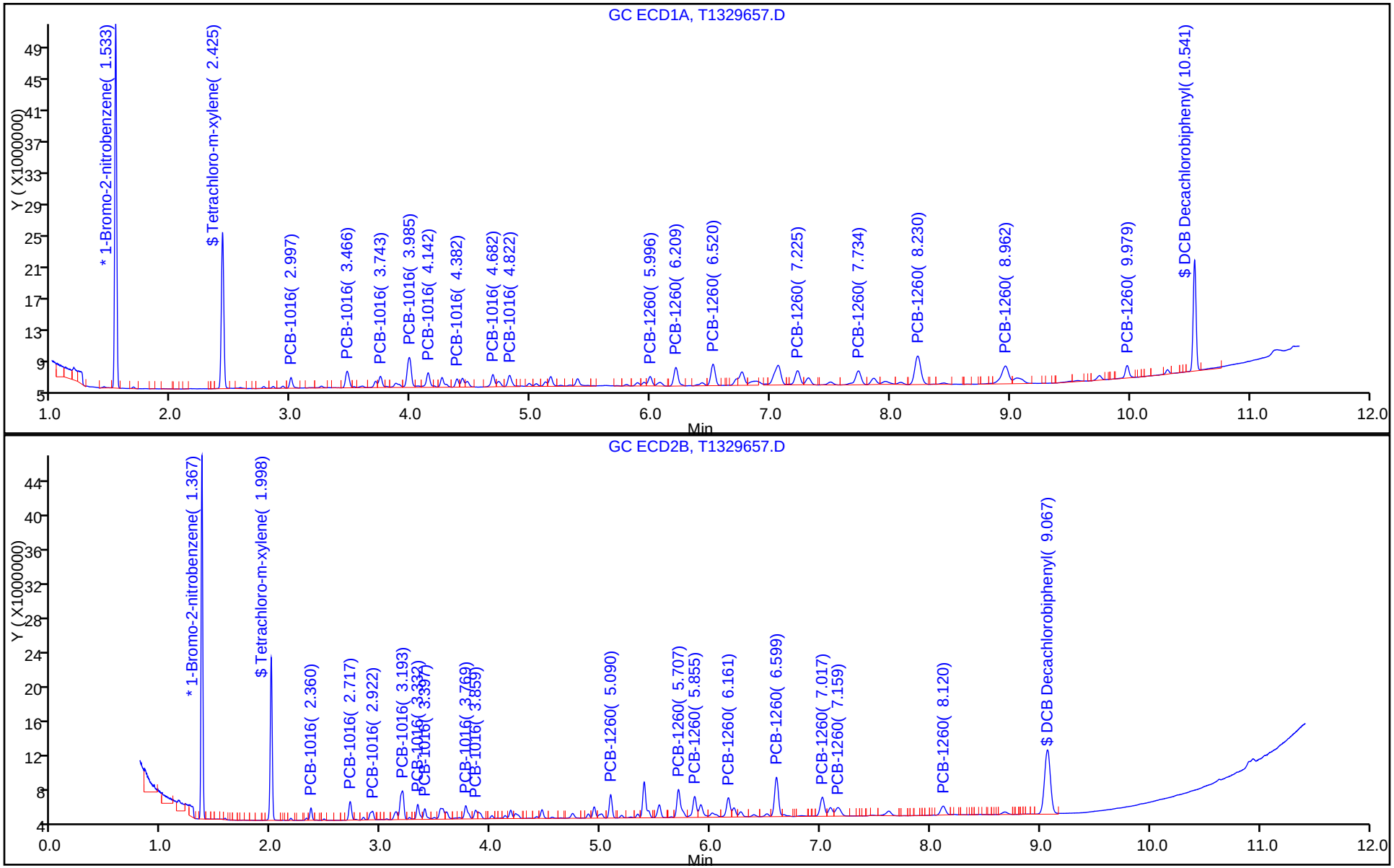
SG1660(LVI)L1_00009	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:10:57 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date:	17-Jun-2016 16:49:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48810751	20.0	20.0	
2	1.367	1.368	-0.001	41476835	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	111178386	50.0	51.7	
2	1.998	1.999	-0.001	98412532	50.0	52.9	
						RPD = 2.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	19947747	500.0	497.1	
1	3.466	3.465	0.001	39847649	500.0	504.8	M
1	3.738	3.738	0.000	16821854	500.0	489.4	M
1	3.985	3.985	0.000	80280216	500.0	498.4	M
1	4.142	4.142	0.000	33578572	500.0	494.4	M
1	4.383	4.384	-0.001	17797798	500.0	509.8	M
1	4.683	4.684	-0.001	26928358	500.0	496.7	M
1	4.821	4.822	-0.001	30040601	500.0	501.0	M
		Average of Peak Amounts =				498.9	
2	2.360	2.360	0.000	17601723	500.0	511.5	
2	2.717	2.718	-0.001	34892704	500.0	519.1	
2	2.921	2.921	0.000	23176089	500.0	516.4	
2	3.194	3.194	0.000	77741733	500.0	520.5	M
2	3.333	3.333	0.000	32344176	500.0	524.3	M
2	3.397	3.397	0.000	19359269	500.0	508.1	M
2	3.771	3.770	0.001	32387214	500.0	517.9	M
2	3.861	3.860	0.001	17647110	500.0	505.6	M
		Average of Peak Amounts =				515.4	
						RPD = 3.25	
8 PCB-1260							M
1	5.996	5.996	0.000	26169828	500.0	507.0	
1	6.211	6.211	0.000	54445319	500.0	501.6	
1	6.521	6.521	0.000	64474128	500.0	508.2	
1	7.226	7.228	-0.002	52790602	500.0	517.5	
1	7.735	7.735	0.000	57153947	500.0	508.1	
1	8.231	8.230	0.001	120701616	500.0	511.1	
1	8.962	8.960	0.002	90244352	500.0	510.3	
1	9.976	9.979	-0.003	33015803	500.0	504.5	
		Average of Peak Amounts =				508.5	
2	5.090	5.091	-0.001	47388823	500.0	526.6	M
2	5.707	5.708	-0.001	81964387	500.0	527.2	M
2	5.855	5.855	0.000	48990909	500.0	516.9	M
2	6.162	6.162	0.000	50430467	500.0	524.0	M
2	6.600	6.600	0.000	113178484	500.0	530.5	M
2	7.017	7.019	-0.002	57795127	500.0	526.3	
2	7.161	7.160	0.001	32722825	500.0	522.7	
2	8.119	8.119	0.000	33169855	500.0	538.3	
		Average of Peak Amounts =				526.6	
						RPD = 3.48	
$ 11 DCB Decachlorobiphenyl							M
1	10.535	10.542	-0.007	89311814	50.0	51.2	M
2	9.070	9.070	0.000	107515159	50.0	53.9	
						RPD = 5.14	
S 12 Polychlorinated biphenyls, Total							
1						1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

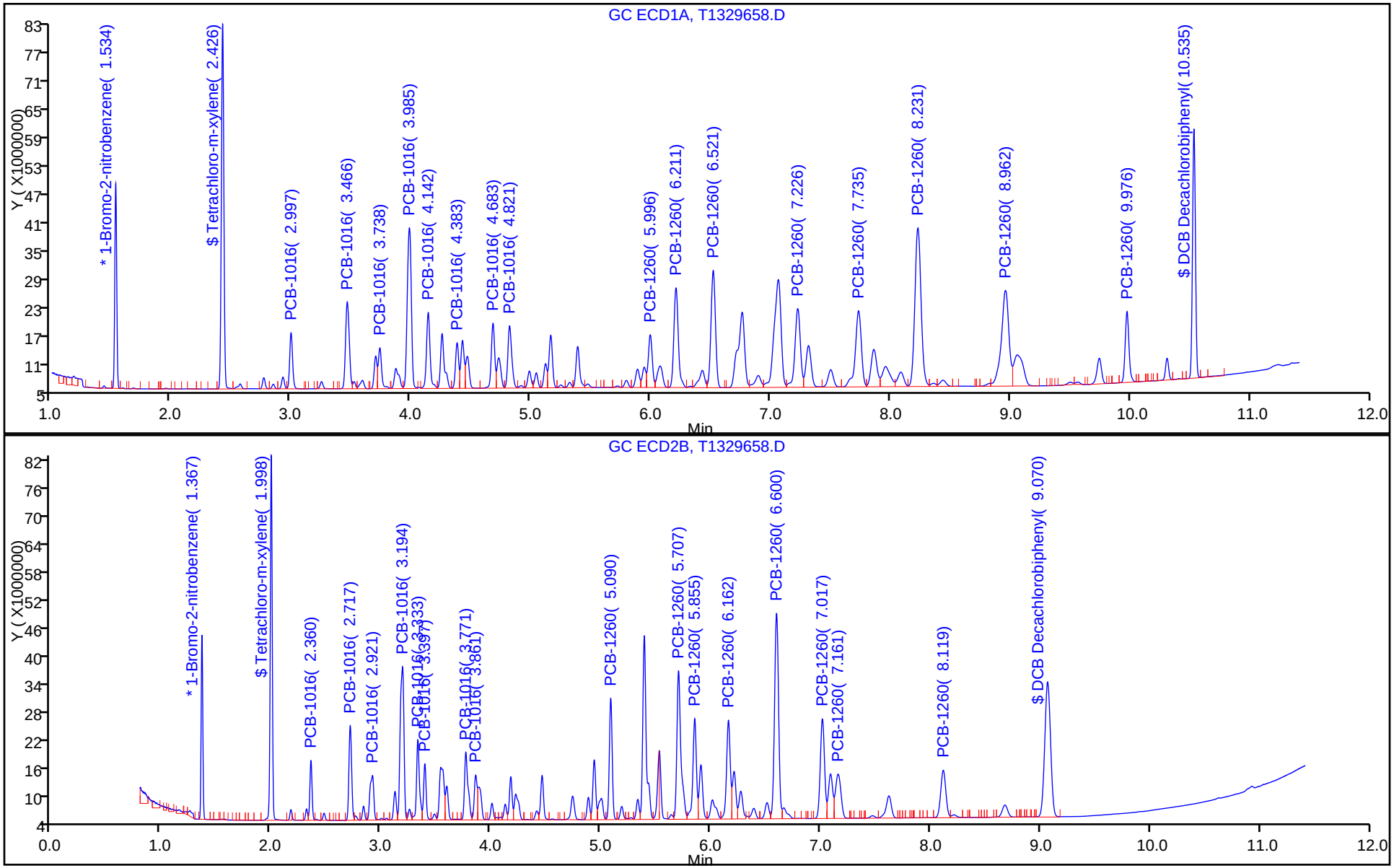
SG1660L2_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:05 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date:	17-Jun-2016 17:04:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	47612772	20.0	20.0	
2	1.367	1.367	0.000	41392687	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	206845811	100.0	98.6	
2	1.999	1.999	0.000	191717609	100.0	103.2	
						RPD = 4.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.998	2.998	0.000	37214464	1000.0	950.8	
1	3.465	3.465	0.000	75127788	1000.0	975.6	
1	3.738	3.738	0.000	29679246	1000.0	885.1	
1	3.985	3.985	0.000	152282244	1000.0	969.1	
1	4.142	4.142	0.000	63515995	1000.0	958.8	
1	4.384	4.384	0.000	33548865	1000.0	985.1	
1	4.684	4.684	0.000	51363153	1000.0	971.2	
1	4.822	4.822	0.000	57737690	1000.0	987.2	
		Average of Peak Amounts =				960.4	
2	2.360	2.360	0.000	34355594	1000.0	1000.3	
2	2.718	2.718	0.000	68566680	1000.0	1022.1	
2	2.921	2.921	0.000	45996304	1000.0	1027.0	M
2	3.194	3.194	0.000	152704226	1000.0	1024.5	M
2	3.333	3.333	0.000	63513802	1000.0	1031.6	M
2	3.397	3.397	0.000	37762753	1000.0	993.1	M
2	3.770	3.770	0.000	62884821	1000.0	1007.6	M
2	3.860	3.860	0.000	35788067	1000.0	1027.5	M
		Average of Peak Amounts =				1016.7	
						RPD = 5.70	
8 PCB-1260							M
1	5.996	5.996	0.000	50827089	1000.0	1009.5	
1	6.211	6.211	0.000	106245724	1000.0	1003.4	
1	6.521	6.521	0.000	124113120	1000.0	1003.0	
1	7.228	7.228	0.000	100581197	1000.0	1010.8	
1	7.735	7.735	0.000	110461120	1000.0	1006.7	
1	8.230	8.230	0.000	232150751	1000.0	1007.7	
1	8.960	8.960	0.000	170793787	1000.0	990.0	
1	9.979	9.979	0.000	63183426	1000.0	989.8	
		Average of Peak Amounts =				1002.6	
2	5.091	5.091	0.000	92114022	1000.0	1025.6	M
2	5.708	5.708	0.000	159150615	1000.0	1025.8	M
2	5.855	5.855	0.000	94149722	1000.0	995.4	M
2	6.162	6.162	0.000	97649532	1000.0	1016.7	M
2	6.600	6.600	0.000	218244310	1000.0	1025.1	M
2	7.019	7.019	0.000	111607561	1000.0	1018.4	M
2	7.160	7.160	0.000	63382803	1000.0	1014.5	M
2	8.119	8.119	0.000	62634427	1000.0	1018.6	M
		Average of Peak Amounts =				1017.5	
						RPD = 1.48	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	171272113	100.0	100.6	
2	9.070	9.070	0.000	200322733	100.0	100.6	
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

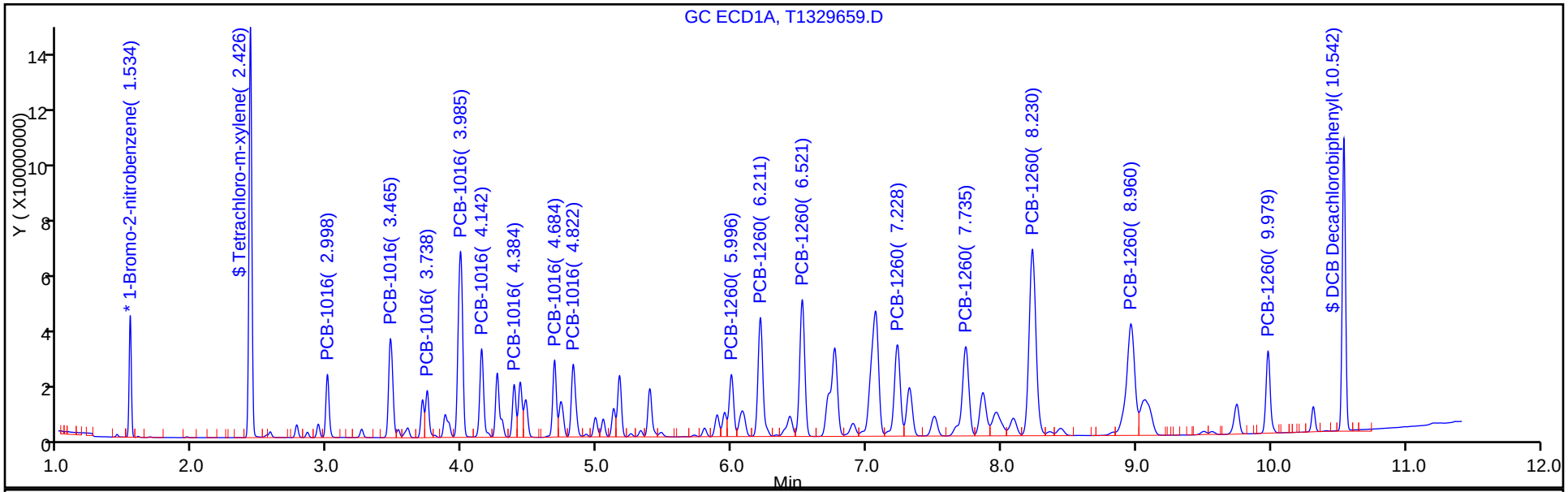
SG1660L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

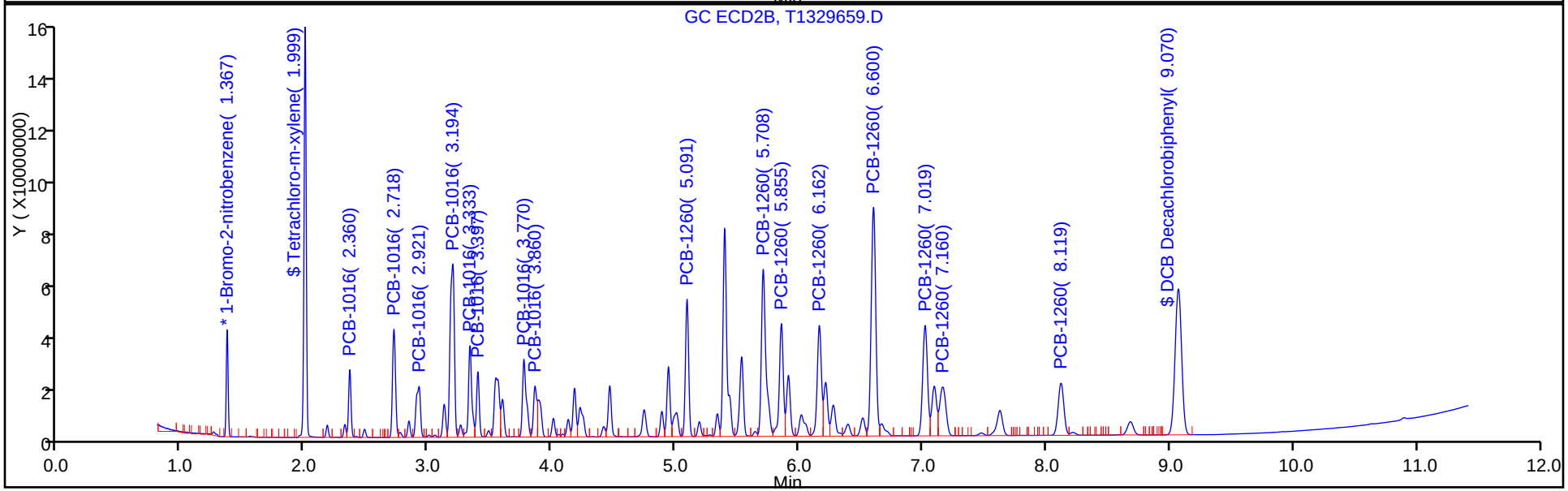
Report Date: 19-Jun-2016 09:11:14 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date:	17-Jun-2016 17:18:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48114337	20.0	20.0	
2	1.367	1.367	0.000	44543070	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	316646455	150.0	149.3	
2	1.999	1.999	0.000	292476987	150.0	146.3	
						RPD = 2.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	58856970	1500.0	1488.0	
1	3.466	3.465	0.001	116217693	1500.0	1493.5	
1	3.739	3.738	0.001	48670211	1500.0	1436.4	M
1	3.986	3.985	0.001	237555906	1500.0	1496.0	M
1	4.142	4.142	0.000	99201310	1500.0	1481.9	M
1	4.384	4.384	0.000	52581109	1500.0	1527.8	M
1	4.683	4.684	-0.001	79442295	1500.0	1486.4	M
1	4.821	4.822	-0.001	89996046	1500.0	1522.7	M
		Average of Peak Amounts =				1491.6	
2	2.360	2.360	0.000	53669019	1500.0	1452.2	
2	2.717	2.718	-0.001	105872731	1500.0	1466.6	M
2	2.920	2.921	-0.001	71727205	1500.0	1488.3	M
2	3.194	3.194	0.000	236399127	1500.0	1473.8	M
2	3.332	3.333	-0.001	98100029	1500.0	1480.6	M
2	3.396	3.397	-0.001	58728292	1500.0	1435.2	M
2	3.771	3.770	0.001	97272346	1500.0	1448.3	M
2	3.860	3.860	0.000	55039601	1500.0	1468.5	M
		Average of Peak Amounts =				1464.2	
						RPD = 1.85	
8 PCB-1260							M
1	5.996	5.996	0.000	77203552	1500.0	1517.4	M
1	6.211	6.211	0.000	160164329	1500.0	1496.8	M
1	6.521	6.521	0.000	186376539	1500.0	1490.4	M
1	7.226	7.228	-0.002	150841048	1500.0	1500.0	M
1	7.736	7.735	0.001	165302329	1500.0	1490.9	M
1	8.231	8.230	0.001	347385866	1500.0	1492.1	M
1	8.964	8.960	0.004	254181707	1500.0	1458.0	M
1	9.979	9.979	0.000	95617467	1500.0	1482.3	
		Average of Peak Amounts =				1491.0	
2	5.090	5.091	-0.001	139556499	1500.0	1443.9	M
2	5.707	5.708	-0.001	239956000	1500.0	1437.2	M
2	5.855	5.855	0.000	141095517	1500.0	1386.2	M
2	6.162	6.162	0.000	146837674	1500.0	1420.8	M
2	6.601	6.600	0.001	329230507	1500.0	1437.0	M
2	7.019	7.019	0.000	168116758	1500.0	1425.5	M
2	7.161	7.160	0.001	95473729	1500.0	1420.1	M
2	8.119	8.119	0.000	95699032	1500.0	1446.2	
		Average of Peak Amounts =				1427.1	
						RPD = 4.38	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	250450560	150.0	145.5	
2	9.070	9.070	0.000	295435713	150.0	137.8	
						RPD = 5.46	
S 12 Polychlorinated biphenyls, Total							
1						2982.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

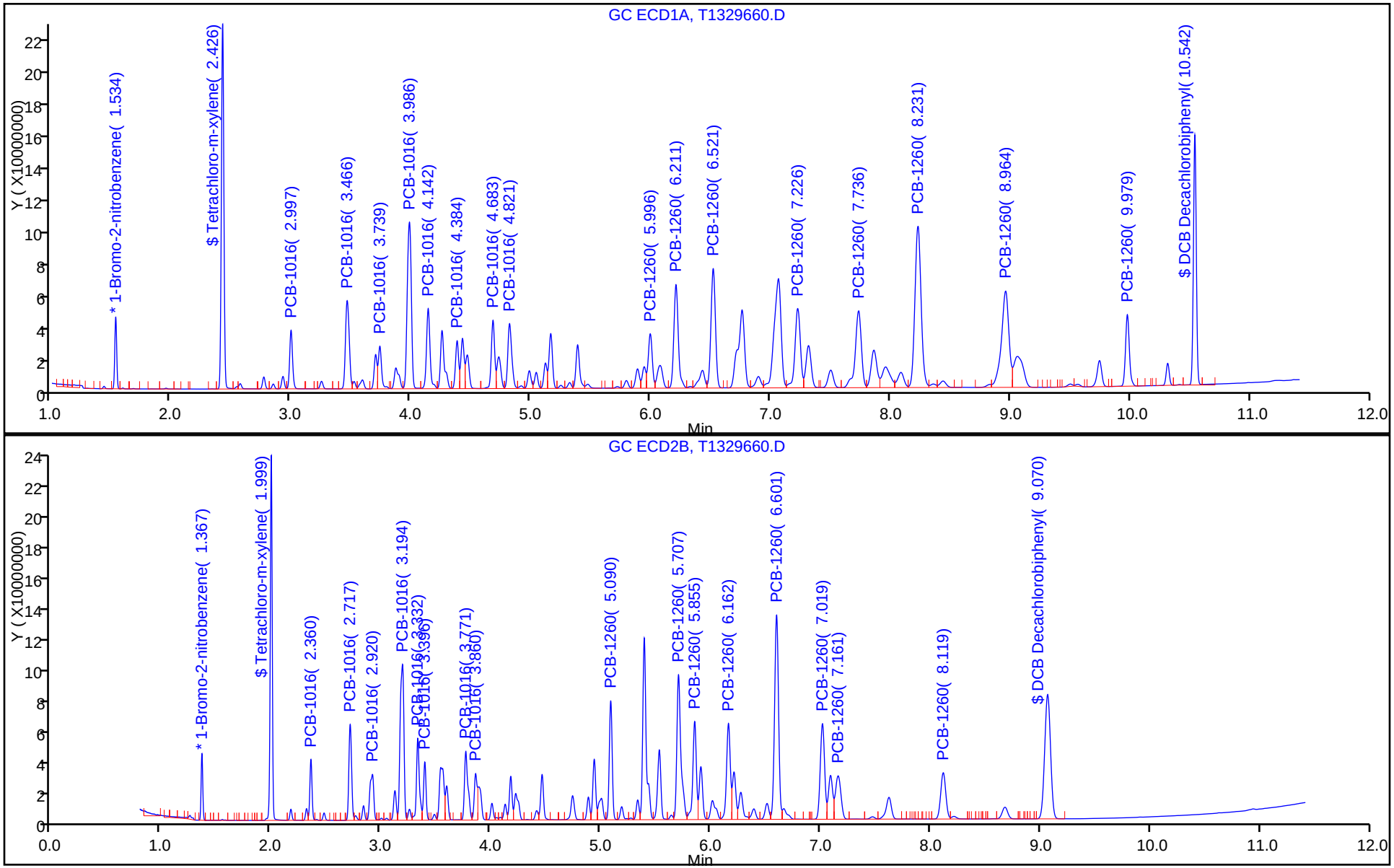
SG1660L4_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:21 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date:	17-Jun-2016 17:33:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	48300680	20.0	20.0	
2	1.366	1.367	-0.001	45028249	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.426	2.426	0.000	426956448	200.0	200.6	
2	1.998	1.999	-0.001	398057397	200.0	196.9	M
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	94368056	2500.0	2376.6	
1	3.466	3.465	0.001	188148070	2500.0	2408.5	
1	3.738	3.738	0.000	80291841	2500.0	2360.5	M
1	3.986	3.985	0.001	386108517	2500.0	2422.2	M
1	4.141	4.142	-0.001	160901993	2500.0	2394.3	M
1	4.383	4.384	-0.001	84995899	2500.0	2460.2	M
1	4.682	4.684	-0.002	128519270	2500.0	2395.4	M
1	4.821	4.822	-0.001	146139896	2500.0	2463.1	M
		Average of Peak Amounts =				2410.1	
2	2.359	2.360	-0.001	86409581	2500.0	2312.9	M
2	2.717	2.718	-0.001	171845426	2500.0	2354.8	M
2	2.920	2.921	-0.001	116753415	2500.0	2396.5	M
2	3.194	3.194	0.000	387264464	2500.0	2388.3	M
2	3.332	3.333	-0.001	160787056	2500.0	2400.6	M
2	3.396	3.397	-0.001	96036359	2500.0	2321.6	M
2	3.770	3.770	0.000	158885557	2500.0	2340.2	M
2	3.859	3.860	-0.001	91159231	2500.0	2406.0	M
		Average of Peak Amounts =				2365.1	
						RPD = 1.88	
8 PCB-1260							M
1	5.996	5.996	0.000	125996858	2500.0	2466.9	M
1	6.211	6.211	0.000	260766285	2500.0	2427.6	M
1	6.521	6.521	0.000	302059609	2500.0	2406.2	M
1	7.226	7.228	-0.002	244502543	2500.0	2422.1	M
1	7.735	7.735	0.000	268936894	2500.0	2416.2	M
1	8.229	8.230	-0.001	566902787	2500.0	2425.6	M
1	8.961	8.960	0.001	426186386	2500.0	2435.2	
1	9.978	9.979	-0.001	157407607	2500.0	2430.8	
		Average of Peak Amounts =				2428.8	
2	5.090	5.091	-0.001	227869318	2500.0	2332.2	
2	5.707	5.708	-0.001	394937801	2500.0	2340.0	
2	5.856	5.855	0.001	231805091	2500.0	2252.8	
2	6.162	6.162	0.000	240471545	2500.0	2301.7	
2	6.600	6.600	0.000	547674887	2500.0	2364.7	
2	7.018	7.019	-0.001	279865744	2500.0	2347.5	
2	7.160	7.160	0.000	158480502	2500.0	2331.9	
2	8.118	8.119	-0.001	159946733	2500.0	2391.1	
		Average of Peak Amounts =				2332.7	
						RPD = 4.04	
$ 11 DCB Decachlorobiphenyl							
1	10.541	10.542	-0.001	340655792	200.0	197.2	
2	9.069	9.070	-0.001	406125262	200.0	187.4	
						RPD = 5.09	
S 12 Polychlorinated biphenyls, Total							
1						4838.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

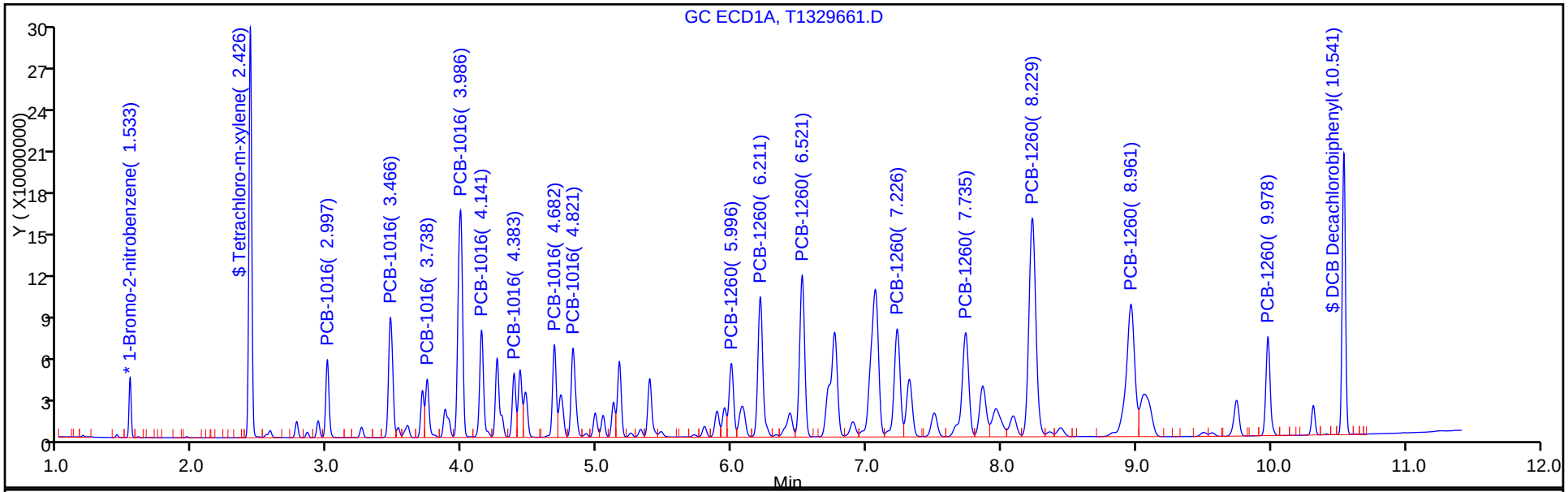
SG1660L5_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

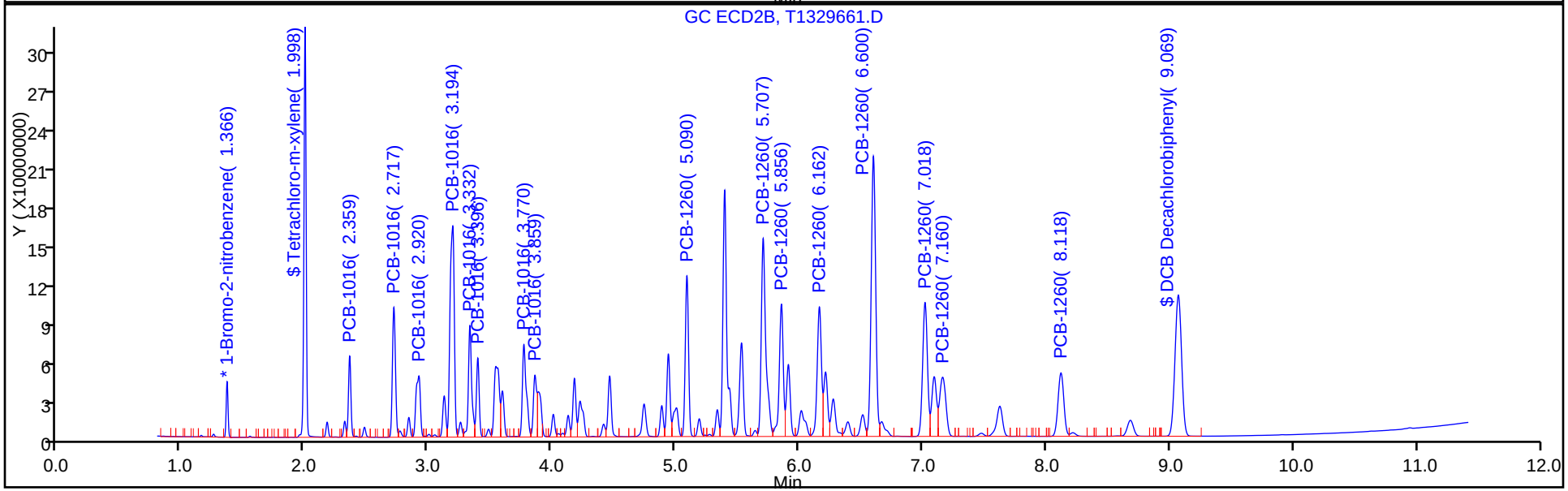
Report Date: 19-Jun-2016 09:11:28 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date:	17-Jun-2016 17:47:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.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								
PCB-1016 Peak 1	0.0180	0.0170	0.0166	0.0161	0.0154	Ave		0.0166				5.9		20.0			0.9900
PCB-1016 Peak 2	0.0331	0.0337	0.0331	0.0317	0.0305	Ave		0.0324				3.9		20.0			0.9900
PCB-1016 Peak 3	0.0214	0.0224	0.0222	0.0215	0.0207	Ave		0.0216				3.0		20.0			0.9900
PCB-1016 Peak 4	0.0718	0.0750	0.0738	0.0708	0.0688	Ave		0.0720				3.4		20.0			0.9900
PCB-1016 Peak 5	0.0289	0.0312	0.0307	0.0294	0.0286	Ave		0.0297				3.8		20.0			0.9900
PCB-1016 Peak 6	0.0203	0.0187	0.0182	0.0176	0.0171	Ave		0.0184				6.8		20.0			0.9900
PCB-1016 Peak 7	0.0318	0.0312	0.0304	0.0291	0.0282	Ave		0.0302				4.9		20.0			0.9900
PCB-1016 Peak 8	0.0172	0.0170	0.0173	0.0165	0.0162	Ave		0.0168				2.8		20.0			0.9900
PCB-1260 Peak 1	0.0445	0.0457	0.0445	0.0418	0.0405	Ave		0.0434				5.0		20.0			0.9900
PCB-1260 Peak 2	0.0769	0.0790	0.0769	0.0718	0.0702	Ave		0.0750				5.0		20.0			0.9900
PCB-1260 Peak 3	0.0524	0.0472	0.0455	0.0422	0.0412	Ave		0.0457				9.7		20.0			0.9900
PCB-1260 Peak 4	0.0495	0.0486	0.0472	0.0440	0.0427	Ave		0.0464				6.4		20.0			0.9900
PCB-1260 Peak 5	0.1039	0.1091	0.1055	0.0986	0.0973	Ave		0.1029				4.8		20.0			0.9900
PCB-1260 Peak 6	0.0551	0.0557	0.0539	0.0503	0.0497	Ave		0.0530				5.2		20.0			0.9900
PCB-1260 Peak 7	0.0320	0.0316	0.0306	0.0286	0.0282	Ave		0.0302				5.8		20.0			0.9900
PCB-1260 Peak 8	0.0292	0.0320	0.0303	0.0286	0.0284	Ave		0.0297				4.9		20.0			0.9900
Tetrachloro-m-xylene	0.8542	0.9491	0.9263	0.8755	0.8840	Ave		0.8978				4.3		20.0			0.9900
DCB Decachlorobiphenyl	1.0219	1.0369	0.9679	0.8843	0.9019	Ave		0.9626				7.1		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/2	T1329657.D
Level 2	IC 460-374290/3	T1329658.D
Level 3	IC 460-374290/4	T1329659.D
Level 4	IC 460-374290/5	T1329660.D
Level 5	IC 460-374290/6	T1329661.D

ANALYTE	IS REF	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	BNB	Ave	1988791	17601723	34355594	53669019	86409581	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	3657353	34892704	68566680	105872731	171845426	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	2367984	23176089	45996304	71727205	116753415	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	7940401	77741733	152704226	236399127	387264464	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	3200676	32344176	63513802	98100029	160787056	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	2246628	19359269	37762753	58728292	96036359	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3519821	32387214	62884821	97272346	158885557	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	1898528	17647110	35788067	55039601	91159231	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	4924424	47388823	92114022	139556499	227869318	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	8504377	81964387	159150615	239956000	394937801	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	5791258	48990909	94149722	141095517	231805091	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	5479148	50430467	97649532	146837674	240471545	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	11492180	113178484	218244310	329230507	547674887	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	6090276	57795127	111607561	168116758	279865744	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	3541594	32722825	63382803	95473729	158480502	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	3234769	33169855	62634427	95699032	159946733	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	23622105	98412532	191717609	292476987	398057397	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	28261365	107515159	200322733	295435713	406125262	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	52132508	20.0	20.0	
2	1.367	1.368	-0.001	44247020	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.425	2.426	-0.001	28223476	12.5	12.3	
2	1.998	1.999	-0.001	23622105	12.5	11.9	
						RPD = 3.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	2383471	50.0	55.6	
1	3.466	3.465	0.001	4450942	50.0	52.8	
1	3.743	3.738	0.005	2265887	50.0	61.7	M
1	3.985	3.985	0.000	9187173	50.0	53.4	
1	4.142	4.142	0.000	4013840	50.0	55.3	M
1	4.382	4.384	-0.002	1851014	50.0	49.6	
1	4.682	4.684	-0.002	3145812	50.0	54.3	
1	4.822	4.822	0.000	3235444	50.0	50.5	M
		Average of Peak Amounts =				54.2	
2	2.360	2.360	0.000	1988791	50.0	54.2	
2	2.717	2.718	-0.001	3657353	50.0	51.0	
2	2.922	2.921	0.001	2367984	50.0	49.5	
2	3.193	3.194	-0.001	7940401	50.0	49.8	
2	3.332	3.333	-0.001	3200676	50.0	48.6	
2	3.397	3.397	0.000	2246628	50.0	55.3	
2	3.769	3.770	-0.001	3519821	50.0	52.8	
2	3.859	3.860	-0.001	1898528	50.0	51.0	
		Average of Peak Amounts =				51.5	
						RPD = 5.02	
8 PCB-1260							M
1	5.996	5.996	0.000	2696008	50.0	48.9	
1	6.209	6.211	-0.002	5939775	50.0	51.2	
1	6.520	6.521	-0.001	6940606	50.0	51.2	M
1	7.225	7.228	-0.003	5368130	50.0	49.3	M
1	7.734	7.735	-0.001	6106642	50.0	50.8	
1	8.230	8.230	0.000	12678163	50.0	50.3	
1	8.962	8.960	0.002	9853674	50.0	52.2	
1	9.979	9.979	0.000	3636685	50.0	52.0	
		Average of Peak Amounts =				50.7	
2	5.090	5.091	-0.001	4924424	50.0	51.3	M
2	5.707	5.708	-0.001	8504377	50.0	51.3	M
2	5.855	5.855	0.000	5791258	50.0	57.3	M
2	6.161	6.162	-0.001	5479148	50.0	53.4	M
2	6.599	6.600	-0.001	11492180	50.0	50.5	M
2	7.017	7.019	-0.002	6090276	50.0	52.0	M
2	7.159	7.160	-0.001	3541594	50.0	53.0	M
2	8.120	8.119	0.001	3234769	50.0	49.2	
		Average of Peak Amounts =				52.2	
						RPD = 2.92	
$ 11 DCB Decachlorobiphenyl							M
1	10.541	10.542	-0.001	23654358	12.5	12.7	M
2	9.067	9.070	-0.003	28261365	12.5	13.3	
						RPD = 4.50	
S 12 Polychlorinated biphenyls, Total							
1						104.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

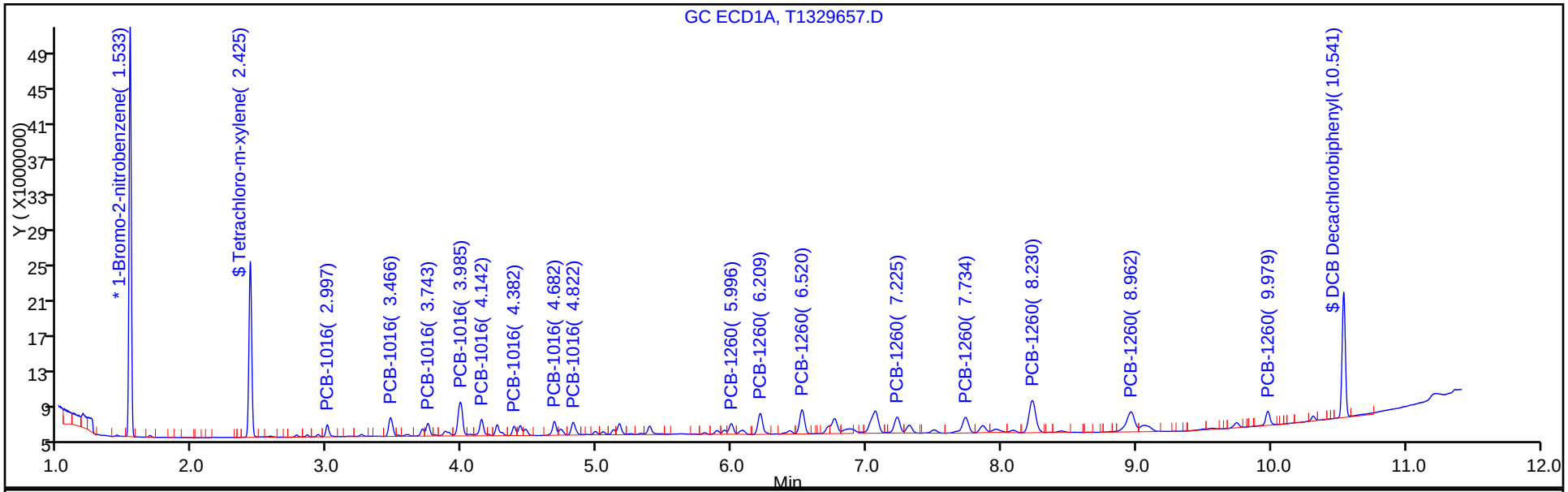
SG1660(LVI)L1_00009	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

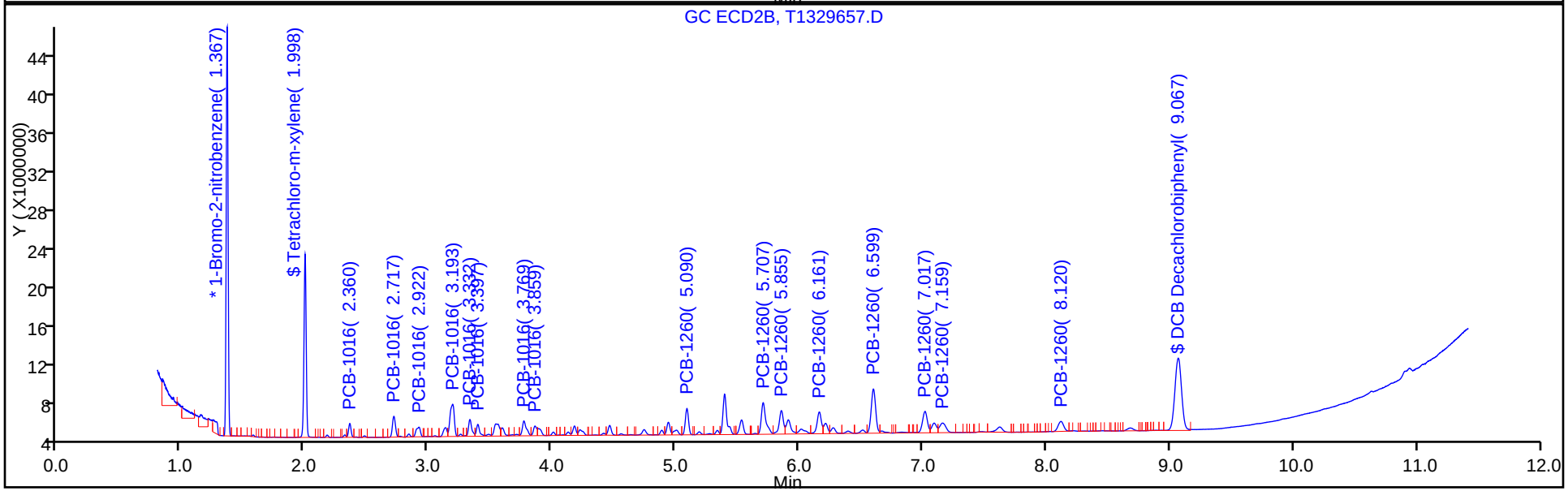
Report Date: 19-Jun-2016 09:10:58 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date:	17-Jun-2016 16:49:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48810751	20.0	20.0	
2	1.367	1.368	-0.001	41476835	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	111178386	50.0	51.7	
2	1.998	1.999	-0.001	98412532	50.0	52.9	
						RPD = 2.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	19947747	500.0	497.1	
1	3.466	3.465	0.001	39847649	500.0	504.8	M
1	3.738	3.738	0.000	16821854	500.0	489.4	M
1	3.985	3.985	0.000	80280216	500.0	498.4	M
1	4.142	4.142	0.000	33578572	500.0	494.4	M
1	4.383	4.384	-0.001	17797798	500.0	509.8	M
1	4.683	4.684	-0.001	26928358	500.0	496.7	M
1	4.821	4.822	-0.001	30040601	500.0	501.0	M
		Average of Peak Amounts =				498.9	
2	2.360	2.360	0.000	17601723	500.0	511.5	
2	2.717	2.718	-0.001	34892704	500.0	519.1	
2	2.921	2.921	0.000	23176089	500.0	516.4	
2	3.194	3.194	0.000	77741733	500.0	520.5	M
2	3.333	3.333	0.000	32344176	500.0	524.3	M
2	3.397	3.397	0.000	19359269	500.0	508.1	M
2	3.771	3.770	0.001	32387214	500.0	517.9	M
2	3.861	3.860	0.001	17647110	500.0	505.6	M
		Average of Peak Amounts =				515.4	
						RPD = 3.25	
8 PCB-1260							M
1	5.996	5.996	0.000	26169828	500.0	507.0	
1	6.211	6.211	0.000	54445319	500.0	501.6	
1	6.521	6.521	0.000	64474128	500.0	508.2	
1	7.226	7.228	-0.002	52790602	500.0	517.5	
1	7.735	7.735	0.000	57153947	500.0	508.1	
1	8.231	8.230	0.001	120701616	500.0	511.1	
1	8.962	8.960	0.002	90244352	500.0	510.3	
1	9.976	9.979	-0.003	33015803	500.0	504.5	
		Average of Peak Amounts =				508.5	
2	5.090	5.091	-0.001	47388823	500.0	526.6	M
2	5.707	5.708	-0.001	81964387	500.0	527.2	M
2	5.855	5.855	0.000	48990909	500.0	516.9	M
2	6.162	6.162	0.000	50430467	500.0	524.0	M
2	6.600	6.600	0.000	113178484	500.0	530.5	M
2	7.017	7.019	-0.002	57795127	500.0	526.3	
2	7.161	7.160	0.001	32722825	500.0	522.7	
2	8.119	8.119	0.000	33169855	500.0	538.3	
		Average of Peak Amounts =				526.6	
						RPD = 3.48	
$ 11 DCB Decachlorobiphenyl							M
1	10.535	10.542	-0.007	89311814	50.0	51.2	M
2	9.070	9.070	0.000	107515159	50.0	53.9	
						RPD = 5.14	
S 12 Polychlorinated biphenyls, Total							
1						1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

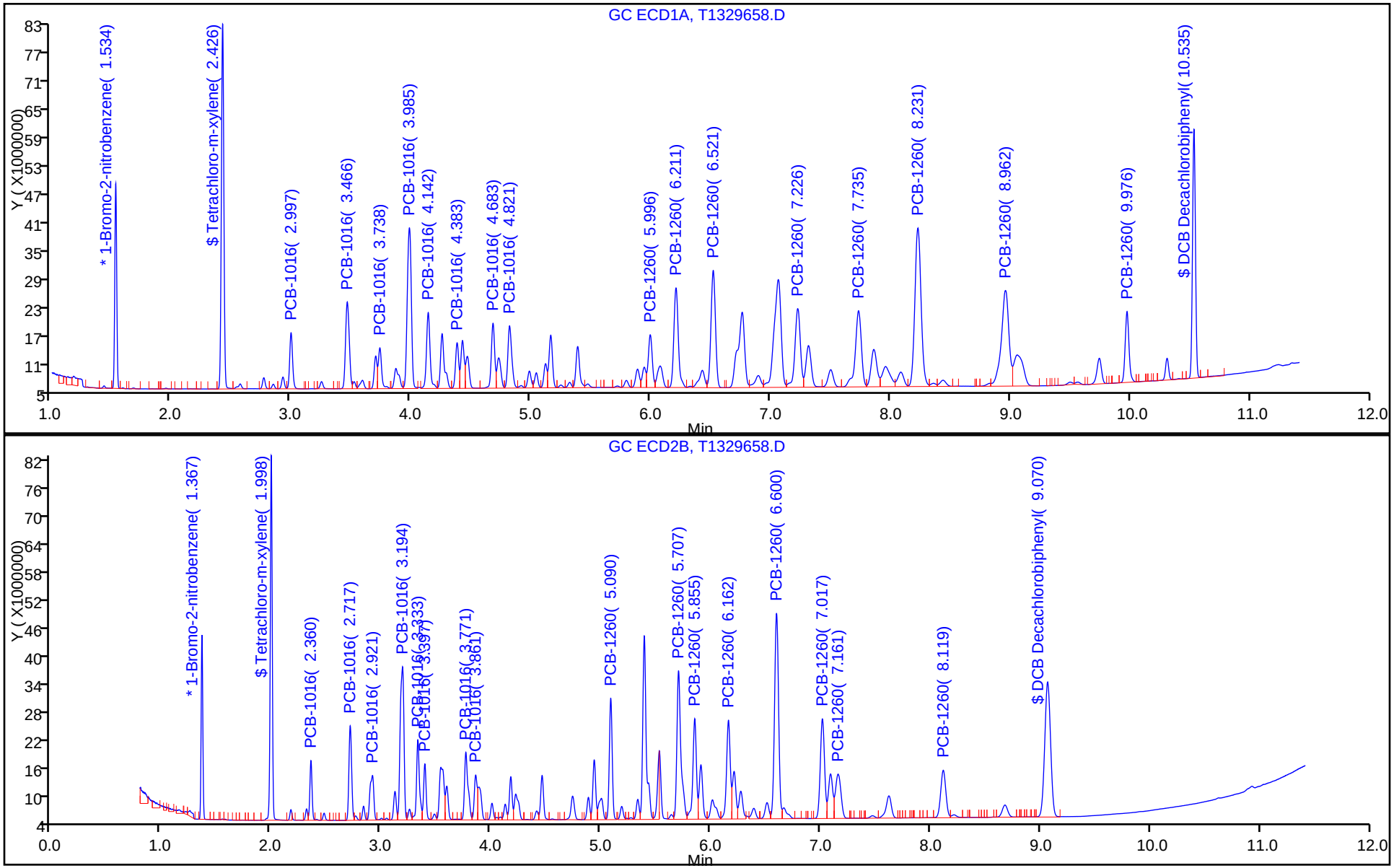
SG1660L2_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:05 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date:	17-Jun-2016 17:04:19	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-004
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	47612772	20.0	20.0	
2	1.367	1.367	0.000	41392687	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	206845811	100.0	98.6	
2	1.999	1.999	0.000	191717609	100.0	103.2	
						RPD = 4.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.998	2.998	0.000	37214464	1000.0	950.8	
1	3.465	3.465	0.000	75127788	1000.0	975.6	
1	3.738	3.738	0.000	29679246	1000.0	885.1	
1	3.985	3.985	0.000	152282244	1000.0	969.1	
1	4.142	4.142	0.000	63515995	1000.0	958.8	
1	4.384	4.384	0.000	33548865	1000.0	985.1	
1	4.684	4.684	0.000	51363153	1000.0	971.2	
1	4.822	4.822	0.000	57737690	1000.0	987.2	
		Average of Peak Amounts =				960.4	
2	2.360	2.360	0.000	34355594	1000.0	1000.3	
2	2.718	2.718	0.000	68566680	1000.0	1022.1	
2	2.921	2.921	0.000	45996304	1000.0	1027.0	M
2	3.194	3.194	0.000	152704226	1000.0	1024.5	M
2	3.333	3.333	0.000	63513802	1000.0	1031.6	M
2	3.397	3.397	0.000	37762753	1000.0	993.1	M
2	3.770	3.770	0.000	62884821	1000.0	1007.6	M
2	3.860	3.860	0.000	35788067	1000.0	1027.5	M
		Average of Peak Amounts =				1016.7	
						RPD = 5.70	
8 PCB-1260							M
1	5.996	5.996	0.000	50827089	1000.0	1009.5	
1	6.211	6.211	0.000	106245724	1000.0	1003.4	
1	6.521	6.521	0.000	124113120	1000.0	1003.0	
1	7.228	7.228	0.000	100581197	1000.0	1010.8	
1	7.735	7.735	0.000	110461120	1000.0	1006.7	
1	8.230	8.230	0.000	232150751	1000.0	1007.7	
1	8.960	8.960	0.000	170793787	1000.0	990.0	
1	9.979	9.979	0.000	63183426	1000.0	989.8	
		Average of Peak Amounts =				1002.6	
2	5.091	5.091	0.000	92114022	1000.0	1025.6	M
2	5.708	5.708	0.000	159150615	1000.0	1025.8	M
2	5.855	5.855	0.000	94149722	1000.0	995.4	M
2	6.162	6.162	0.000	97649532	1000.0	1016.7	M
2	6.600	6.600	0.000	218244310	1000.0	1025.1	M
2	7.019	7.019	0.000	111607561	1000.0	1018.4	M
2	7.160	7.160	0.000	63382803	1000.0	1014.5	M
2	8.119	8.119	0.000	62634427	1000.0	1018.6	M
		Average of Peak Amounts =				1017.5	
						RPD = 1.48	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	171272113	100.0	100.6	
2	9.070	9.070	0.000	200322733	100.0	100.6	
						RPD = 0.02	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

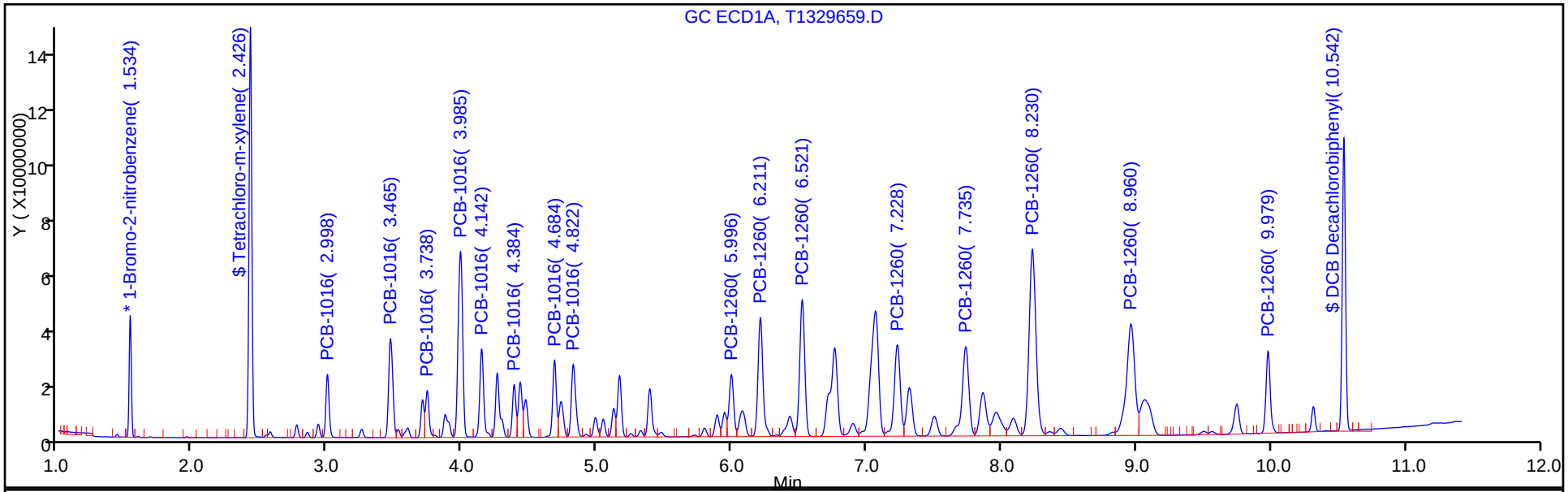
SG1660L3_00028	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

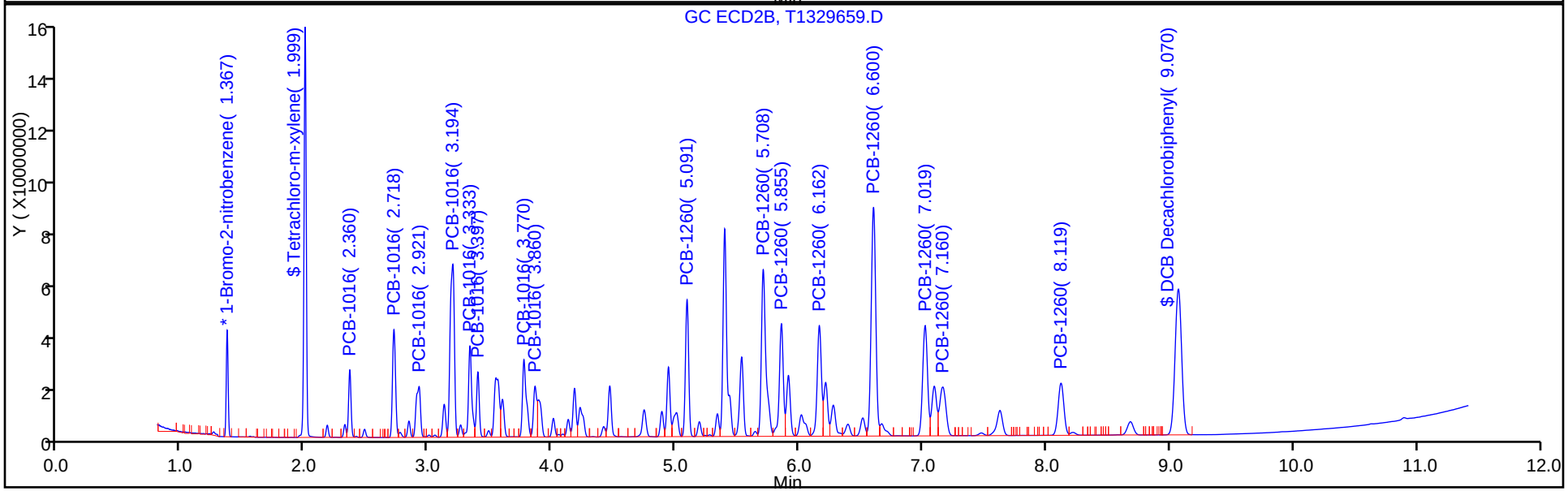
Report Date: 19-Jun-2016 09:11:15 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date:	17-Jun-2016 17:18:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-005
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48114337	20.0	20.0	
2	1.367	1.367	0.000	44543070	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.426	2.426	0.000	316646455	150.0	149.3	
2	1.999	1.999	0.000	292476987	150.0	146.3	
						RPD = 2.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	58856970	1500.0	1488.0	
1	3.466	3.465	0.001	116217693	1500.0	1493.5	
1	3.739	3.738	0.001	48670211	1500.0	1436.4	M
1	3.986	3.985	0.001	237555906	1500.0	1496.0	M
1	4.142	4.142	0.000	99201310	1500.0	1481.9	M
1	4.384	4.384	0.000	52581109	1500.0	1527.8	M
1	4.683	4.684	-0.001	79442295	1500.0	1486.4	M
1	4.821	4.822	-0.001	89996046	1500.0	1522.7	M
		Average of Peak Amounts =				1491.6	
2	2.360	2.360	0.000	53669019	1500.0	1452.2	
2	2.717	2.718	-0.001	105872731	1500.0	1466.6	M
2	2.920	2.921	-0.001	71727205	1500.0	1488.3	M
2	3.194	3.194	0.000	236399127	1500.0	1473.8	M
2	3.332	3.333	-0.001	98100029	1500.0	1480.6	M
2	3.396	3.397	-0.001	58728292	1500.0	1435.2	M
2	3.771	3.770	0.001	97272346	1500.0	1448.3	M
2	3.860	3.860	0.000	55039601	1500.0	1468.5	M
		Average of Peak Amounts =				1464.2	
						RPD = 1.85	
8 PCB-1260							M
1	5.996	5.996	0.000	77203552	1500.0	1517.4	M
1	6.211	6.211	0.000	160164329	1500.0	1496.8	M
1	6.521	6.521	0.000	186376539	1500.0	1490.4	M
1	7.226	7.228	-0.002	150841048	1500.0	1500.0	M
1	7.736	7.735	0.001	165302329	1500.0	1490.9	M
1	8.231	8.230	0.001	347385866	1500.0	1492.1	M
1	8.964	8.960	0.004	254181707	1500.0	1458.0	M
1	9.979	9.979	0.000	95617467	1500.0	1482.3	
		Average of Peak Amounts =				1491.0	
2	5.090	5.091	-0.001	139556499	1500.0	1443.9	M
2	5.707	5.708	-0.001	239956000	1500.0	1437.2	M
2	5.855	5.855	0.000	141095517	1500.0	1386.2	M
2	6.162	6.162	0.000	146837674	1500.0	1420.8	M
2	6.601	6.600	0.001	329230507	1500.0	1437.0	M
2	7.019	7.019	0.000	168116758	1500.0	1425.5	M
2	7.161	7.160	0.001	95473729	1500.0	1420.1	M
2	8.119	8.119	0.000	95699032	1500.0	1446.2	
		Average of Peak Amounts =				1427.1	
						RPD = 4.38	
$ 11 DCB Decachlorobiphenyl							
1	10.542	10.542	0.000	250450560	150.0	145.5	
2	9.070	9.070	0.000	295435713	150.0	137.8	
						RPD = 5.46	
S 12 Polychlorinated biphenyls, Total							
1						2982.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

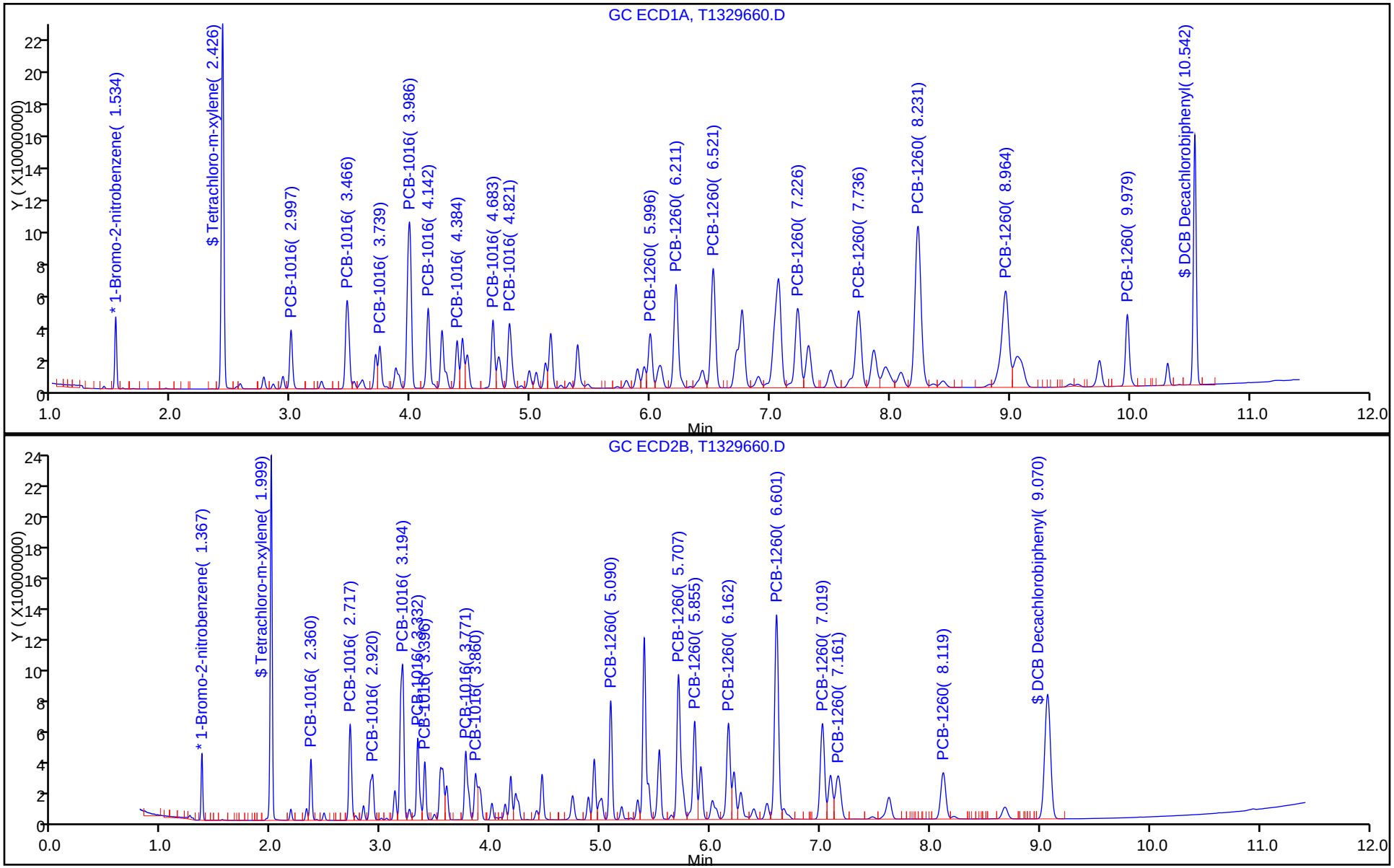
SG1660L4_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date:	17-Jun-2016 17:33:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.534	-0.001	48300680	20.0	20.0	
2	1.366	1.367	-0.001	45028249	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.426	2.426	0.000	426956448	200.0	200.6	
2	1.998	1.999	-0.001	398057397	200.0	196.9	M
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.997	2.998	-0.001	94368056	2500.0	2376.6	
1	3.466	3.465	0.001	188148070	2500.0	2408.5	
1	3.738	3.738	0.000	80291841	2500.0	2360.5	M
1	3.986	3.985	0.001	386108517	2500.0	2422.2	M
1	4.141	4.142	-0.001	160901993	2500.0	2394.3	M
1	4.383	4.384	-0.001	84995899	2500.0	2460.2	M
1	4.682	4.684	-0.002	128519270	2500.0	2395.4	M
1	4.821	4.822	-0.001	146139896	2500.0	2463.1	M
		Average of Peak Amounts =				2410.1	
2	2.359	2.360	-0.001	86409581	2500.0	2312.9	M
2	2.717	2.718	-0.001	171845426	2500.0	2354.8	M
2	2.920	2.921	-0.001	116753415	2500.0	2396.5	M
2	3.194	3.194	0.000	387264464	2500.0	2388.3	M
2	3.332	3.333	-0.001	160787056	2500.0	2400.6	M
2	3.396	3.397	-0.001	96036359	2500.0	2321.6	M
2	3.770	3.770	0.000	158885557	2500.0	2340.2	M
2	3.859	3.860	-0.001	91159231	2500.0	2406.0	M
		Average of Peak Amounts =				2365.1	
						RPD = 1.88	
8 PCB-1260							M
1	5.996	5.996	0.000	125996858	2500.0	2466.9	M
1	6.211	6.211	0.000	260766285	2500.0	2427.6	M
1	6.521	6.521	0.000	302059609	2500.0	2406.2	M
1	7.226	7.228	-0.002	244502543	2500.0	2422.1	M
1	7.735	7.735	0.000	268936894	2500.0	2416.2	M
1	8.229	8.230	-0.001	566902787	2500.0	2425.6	M
1	8.961	8.960	0.001	426186386	2500.0	2435.2	
1	9.978	9.979	-0.001	157407607	2500.0	2430.8	
		Average of Peak Amounts =				2428.8	
2	5.090	5.091	-0.001	227869318	2500.0	2332.2	
2	5.707	5.708	-0.001	394937801	2500.0	2340.0	
2	5.856	5.855	0.001	231805091	2500.0	2252.8	
2	6.162	6.162	0.000	240471545	2500.0	2301.7	
2	6.600	6.600	0.000	547674887	2500.0	2364.7	
2	7.018	7.019	-0.001	279865744	2500.0	2347.5	
2	7.160	7.160	0.000	158480502	2500.0	2331.9	
2	8.118	8.119	-0.001	159946733	2500.0	2391.1	
		Average of Peak Amounts =				2332.7	
						RPD = 4.04	
$ 11 DCB Decachlorobiphenyl							
1	10.541	10.542	-0.001	340655792	200.0	197.2	
2	9.069	9.070	-0.001	406125262	200.0	187.4	
						RPD = 5.09	
S 12 Polychlorinated biphenyls, Total							
1						4838.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

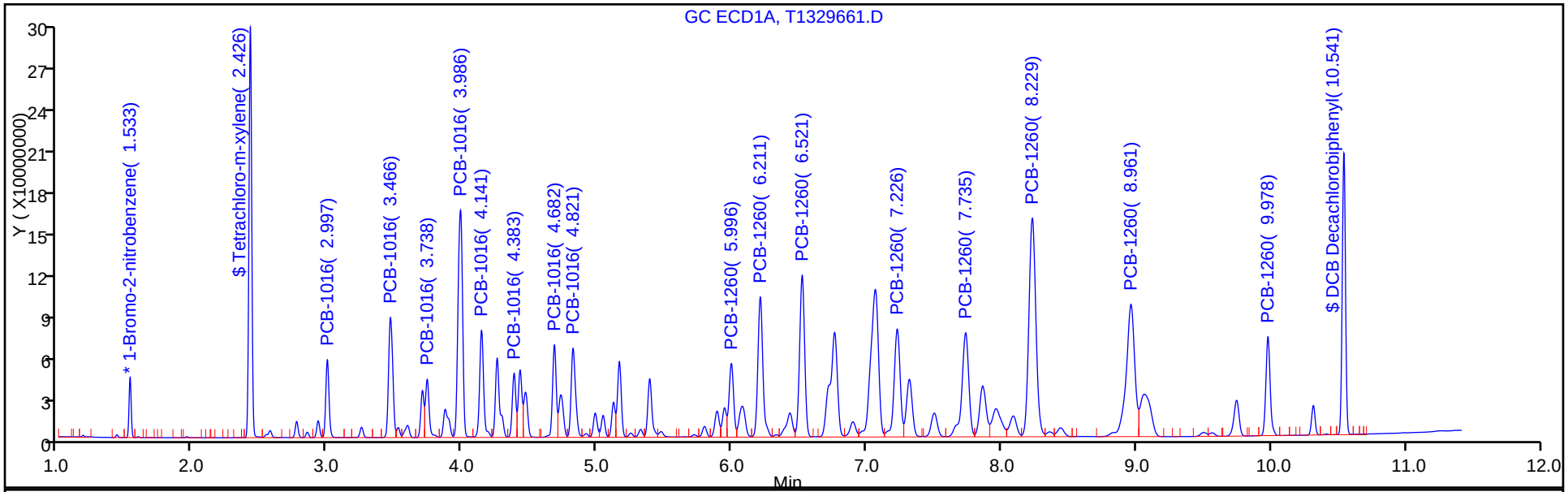
SG1660L5_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

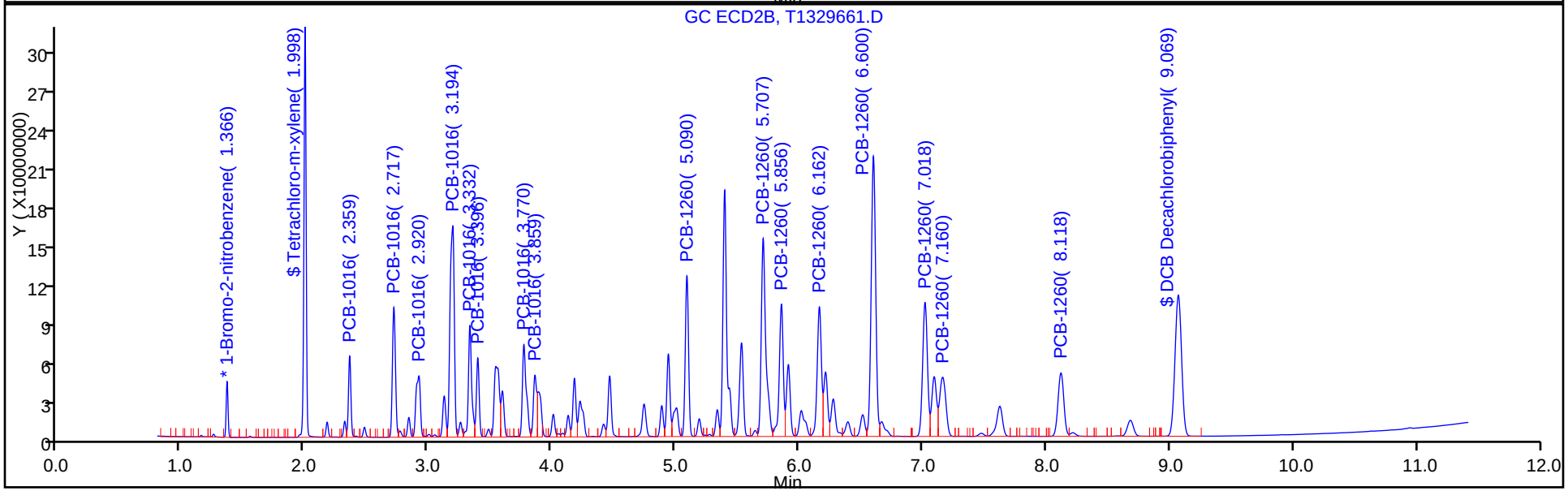
Report Date: 19-Jun-2016 09:11:28 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date:	17-Jun-2016 17:47:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0065					Ave		0.0065						20.0			0.9900
PCB-1221 Peak 2	0.0094					Ave		0.0094						20.0			0.9900
PCB-1221 Peak 3	0.0061					Ave		0.0061						20.0			0.9900
PCB-1221 Peak 4	0.0226					Ave		0.0226						20.0			0.9900
PCB-1221 Peak 5	0.0032					Ave		0.0032						20.0			0.9900
PCB-1221 Peak 6	0.0046					Ave		0.0046						20.0			0.9900
PCB-1221 Peak 7	0.0023					Ave		0.0023						20.0			0.9900
PCB-1221 Peak 8	0.0013					Ave		0.0013						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	15836393					1000				
PCB-1221 Peak 2	BNB	Ave	23088253					1000				
PCB-1221 Peak 3	BNB	Ave	14916343					1000				
PCB-1221 Peak 4	BNB	Ave	55421553					1000				
PCB-1221 Peak 5	BNB	Ave	7771076					1000				
PCB-1221 Peak 6	BNB	Ave	11261788					1000				
PCB-1221 Peak 7	BNB	Ave	5587738					1000				
PCB-1221 Peak 8	BNB	Ave	3128515					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49057396	20.0	20.0	
2	1.367	1.367	0.000	43079790	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.953	1.953	0.000	15836393	1000.0	1000.0	a
1	2.769	2.769	0.000	23088253	1000.0	1000.0	a
1	2.930	2.930	0.000	14916343	1000.0	1000.0	a
1	2.997	2.997	0.000	55421553	1000.0	1000.0	a
1	3.524	3.524	0.000	7771076	1000.0	1000.0	a
1	3.986	3.986	0.000	11261788	1000.0	1000.0	a
1	4.144	4.144	0.000	5587738	1000.0	1000.0	a
1	4.257	4.257	0.000	3128515	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.553	1.553	0.000	14025971	1000.0	1000.0	a
2	2.177	2.177	0.000	19947928	1000.0	1000.0	a
2	2.320	2.320	0.000	12488585	1000.0	1000.0	a
2	2.360	2.360	0.000	50139134	1000.0	1000.0	a
2	2.719	2.719	0.000	5025406	1000.0	1000.0	a
2	2.840	2.840	0.000	6991129	1000.0	1000.0	a
2	3.195	3.195	0.000	9438007	1000.0	1000.0	a
2	3.333	3.333	0.000	4289330	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

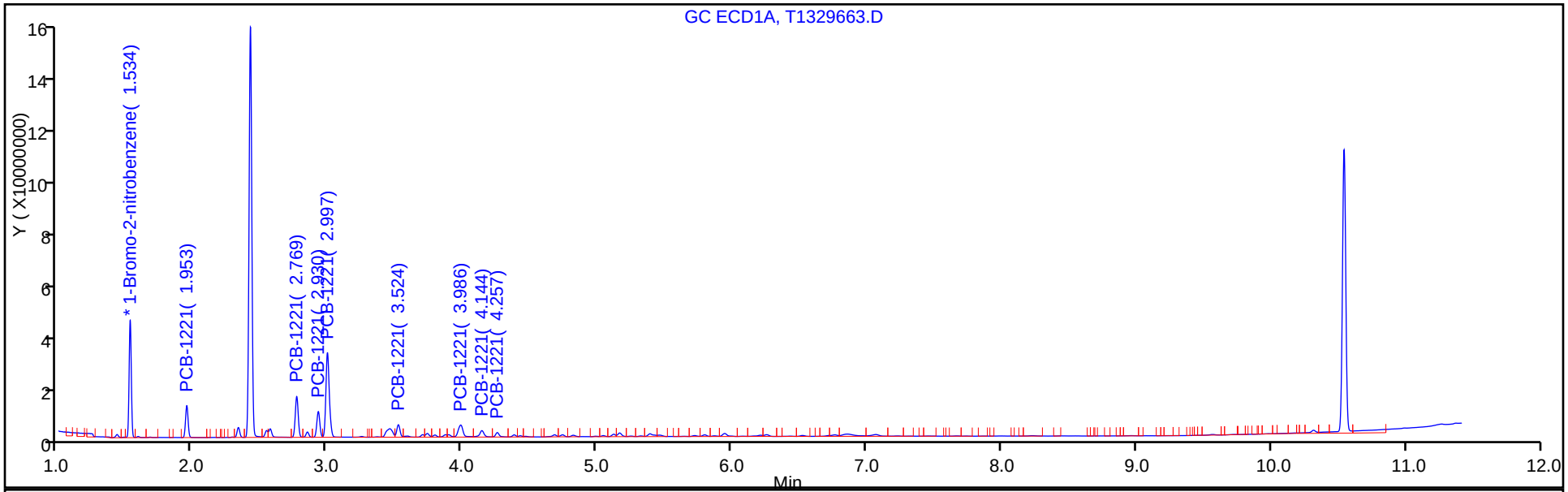
SG1221L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

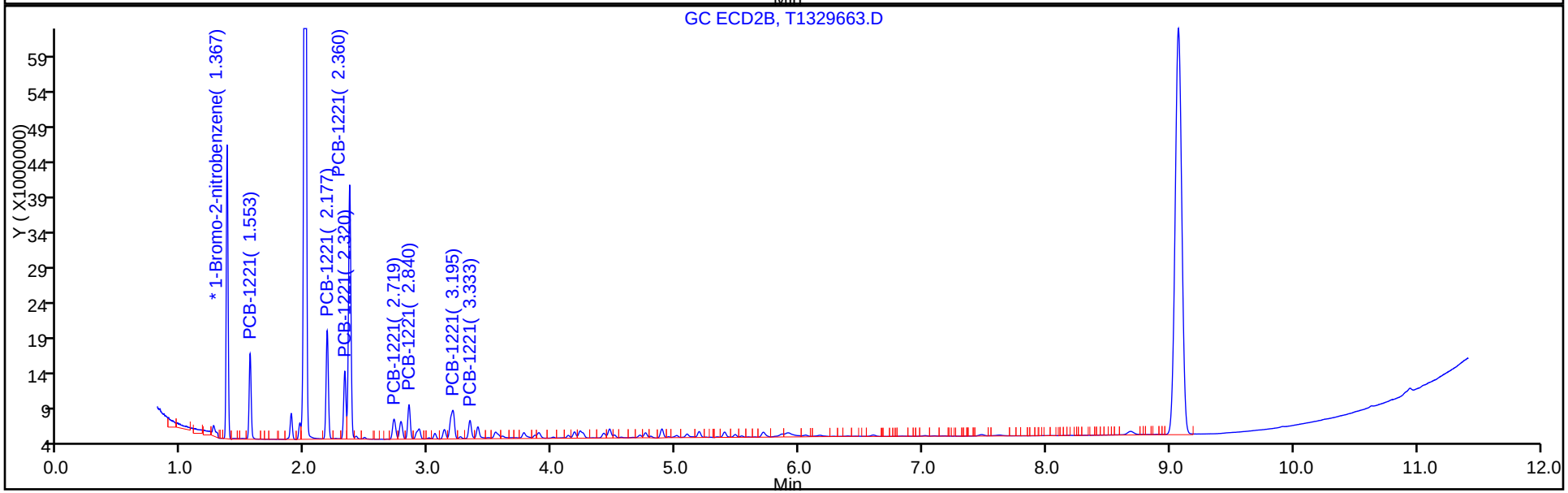
Report Date: 19-Jun-2016 09:11:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date:	17-Jun-2016 18:16:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0065					Ave		0.0065						20.0			0.9900
PCB-1221 Peak 2	0.0093					Ave		0.0093						20.0			0.9900
PCB-1221 Peak 3	0.0058					Ave		0.0058						20.0			0.9900
PCB-1221 Peak 4	0.0233					Ave		0.0233						20.0			0.9900
PCB-1221 Peak 5	0.0023					Ave		0.0023						20.0			0.9900
PCB-1221 Peak 6	0.0032					Ave		0.0032						20.0			0.9900
PCB-1221 Peak 7	0.0044					Ave		0.0044						20.0			0.9900
PCB-1221 Peak 8	0.0020					Ave		0.0020						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/8	T1329663.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	14025971					1000				
PCB-1221 Peak 2	BNB	Ave	19947928					1000				
PCB-1221 Peak 3	BNB	Ave	12488585					1000				
PCB-1221 Peak 4	BNB	Ave	50139134					1000				
PCB-1221 Peak 5	BNB	Ave	5025406					1000				
PCB-1221 Peak 6	BNB	Ave	6991129					1000				
PCB-1221 Peak 7	BNB	Ave	9438007					1000				
PCB-1221 Peak 8	BNB	Ave	4289330					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49057396	20.0	20.0	
2	1.367	1.367	0.000	43079790	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							
1	1.953	1.953	0.000	15836393	1000.0	1000.0	a
1	2.769	2.769	0.000	23088253	1000.0	1000.0	a
1	2.930	2.930	0.000	14916343	1000.0	1000.0	a
1	2.997	2.997	0.000	55421553	1000.0	1000.0	a
1	3.524	3.524	0.000	7771076	1000.0	1000.0	a
1	3.986	3.986	0.000	11261788	1000.0	1000.0	a
1	4.144	4.144	0.000	5587738	1000.0	1000.0	a
1	4.257	4.257	0.000	3128515	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	1.553	1.553	0.000	14025971	1000.0	1000.0	a
2	2.177	2.177	0.000	19947928	1000.0	1000.0	a
2	2.320	2.320	0.000	12488585	1000.0	1000.0	a
2	2.360	2.360	0.000	50139134	1000.0	1000.0	a
2	2.719	2.719	0.000	5025406	1000.0	1000.0	a
2	2.840	2.840	0.000	6991129	1000.0	1000.0	a
2	3.195	3.195	0.000	9438007	1000.0	1000.0	a
2	3.333	3.333	0.000	4289330	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

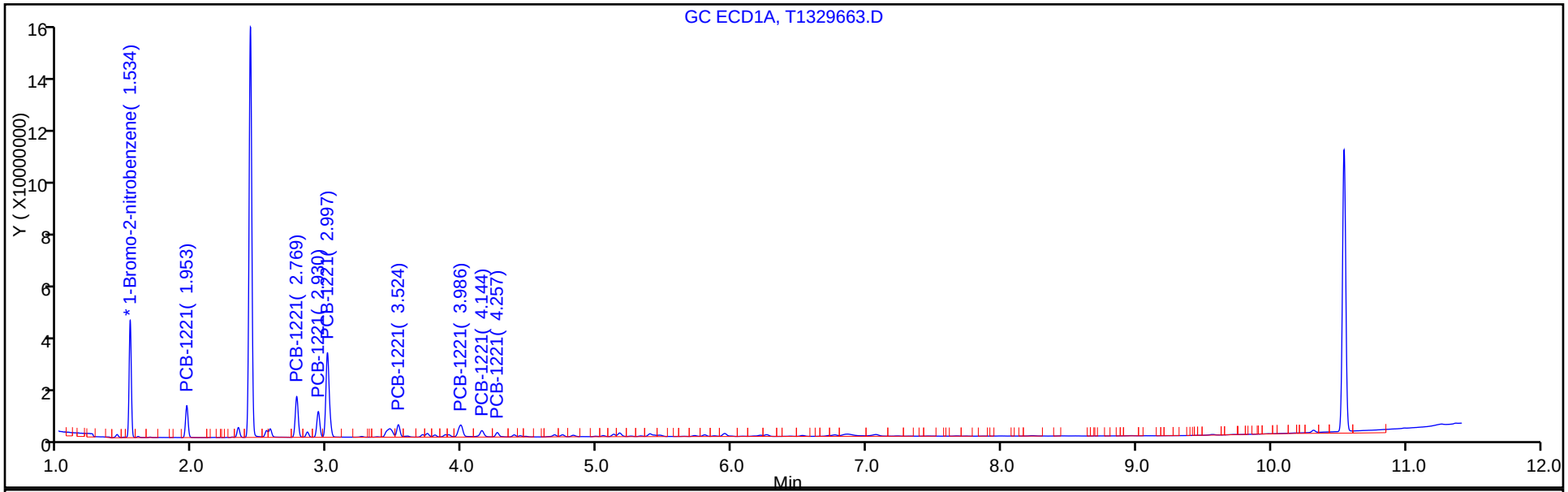
SG1221L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

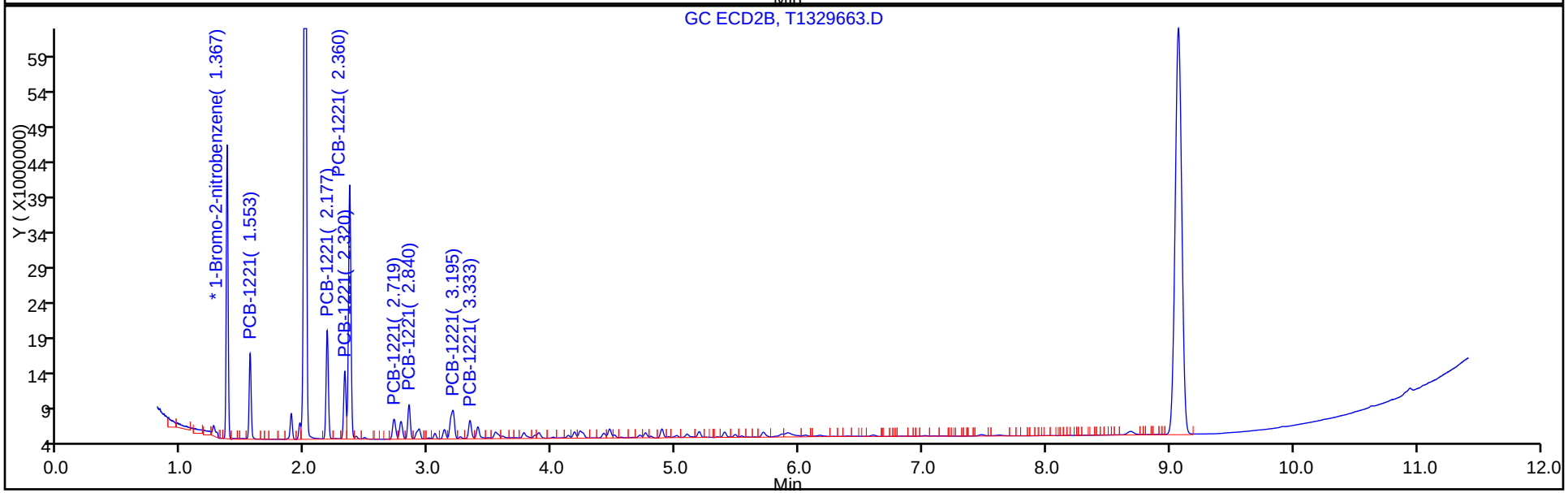
Report Date: 19-Jun-2016 09:11:44 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date:	17-Jun-2016 18:16:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0210					Ave		0.0210						20.0			0.9900
PCB-1232 Peak 2	0.0169					Ave		0.0169						20.0			0.9900
PCB-1232 Peak 3	0.0064					Ave		0.0064						20.0			0.9900
PCB-1232 Peak 4	0.0323					Ave		0.0323						20.0			0.9900
PCB-1232 Peak 5	0.0136					Ave		0.0136						20.0			0.9900
PCB-1232 Peak 6	0.0102					Ave		0.0102						20.0			0.9900
PCB-1232 Peak 7	0.0100					Ave		0.0100						20.0			0.9900
PCB-1232 Peak 8	0.0113					Ave		0.0113						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	48899297					1000				
PCB-1232 Peak 2	BNB	Ave	39454974					1000				
PCB-1232 Peak 3	BNB	Ave	14992024					1000				
PCB-1232 Peak 4	BNB	Ave	75406138					1000				
PCB-1232 Peak 5	BNB	Ave	31631999					1000				
PCB-1232 Peak 6	BNB	Ave	23802440					1000				
PCB-1232 Peak 7	BNB	Ave	23259576					1000				
PCB-1232 Peak 8	BNB	Ave	26463577					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	46662355	20.0	20.0	
2	1.368	1.368	0.000	41416689	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	2.998	2.998	0.000	48899297	1000.0	1000.0	a
1	3.465	3.465	0.000	39454974	1000.0	1000.0	a
1	3.739	3.739	0.000	14992024	1000.0	1000.0	a
1	3.986	3.986	0.000	75406138	1000.0	1000.0	a
1	4.142	4.142	0.000	31631999	1000.0	1000.0	a
1	4.683	4.683	0.000	23802440	1000.0	1000.0	a
1	5.121	5.121	0.000	23259576	1000.0	1000.0	a
1	5.169	5.169	0.000	26463577	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	45103474	1000.0	1000.0	a
2	2.718	2.718	0.000	34140860	1000.0	1000.0	M
2	2.921	2.921	0.000	22896111	1000.0	1000.0	M
2	3.194	3.194	0.000	74849966	1000.0	1000.0	M
2	3.334	3.334	0.000	30842670	1000.0	1000.0	M
2	3.771	3.771	0.000	28528908	1000.0	1000.0	M
2	4.226	4.226	0.000	44087632	1000.0	1000.0	M
2	4.459	4.459	0.000	16628368	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

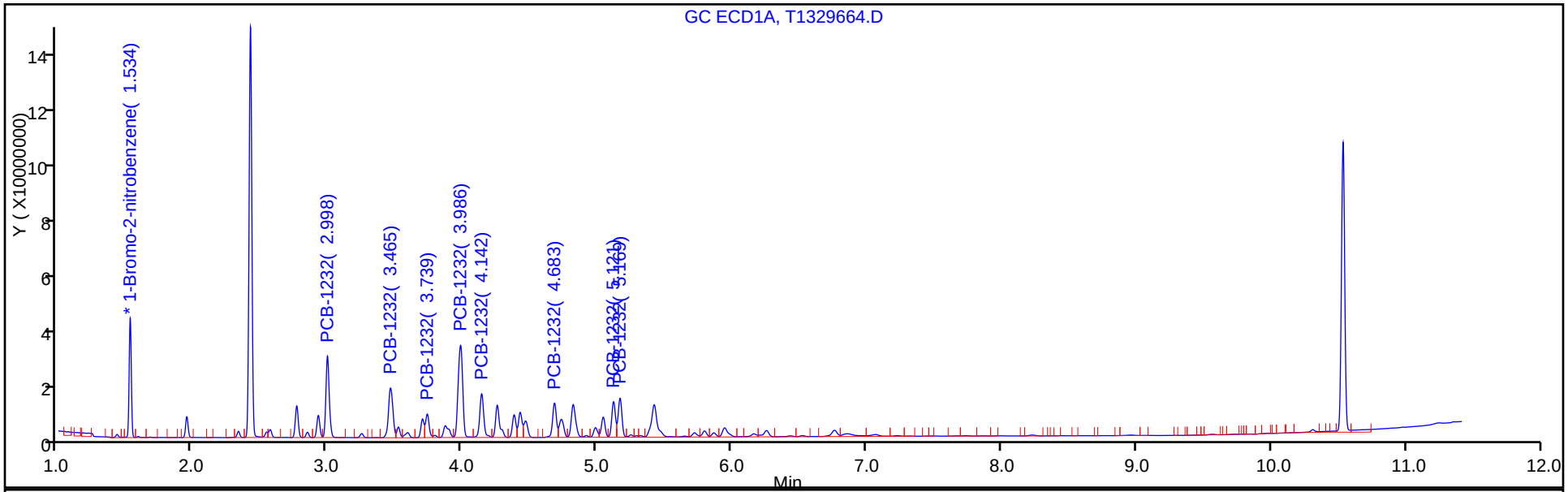
SG1232L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

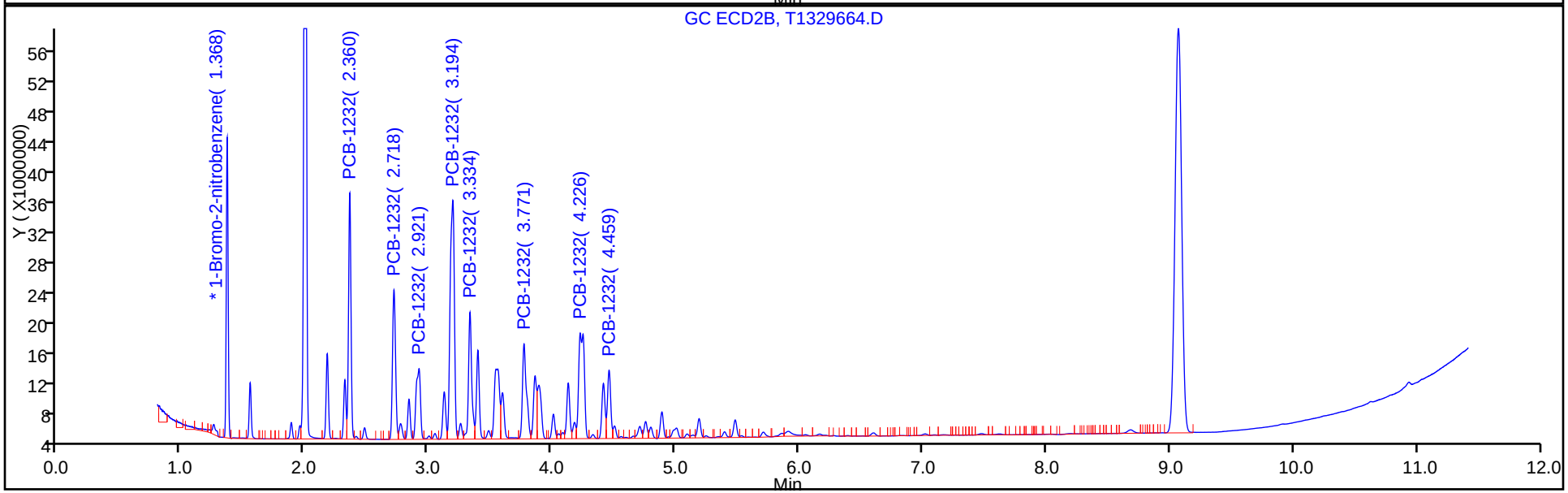
Report Date: 19-Jun-2016 09:11:50 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date:	17-Jun-2016 18:31:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0218					Ave		0.0218						20.0			0.9900
PCB-1232 Peak 2	0.0165					Ave		0.0165						20.0			0.9900
PCB-1232 Peak 3	0.0111					Ave		0.0111						20.0			0.9900
PCB-1232 Peak 4	0.0361					Ave		0.0361						20.0			0.9900
PCB-1232 Peak 5	0.0149					Ave		0.0149						20.0			0.9900
PCB-1232 Peak 6	0.0138					Ave		0.0138						20.0			0.9900
PCB-1232 Peak 7	0.0213					Ave		0.0213						20.0			0.9900
PCB-1232 Peak 8	0.0080					Ave		0.0080						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/9	T1329664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	45103474					1000				
PCB-1232 Peak 2	BNB	Ave	34140860					1000				
PCB-1232 Peak 3	BNB	Ave	22896111					1000				
PCB-1232 Peak 4	BNB	Ave	74849966					1000				
PCB-1232 Peak 5	BNB	Ave	30842670					1000				
PCB-1232 Peak 6	BNB	Ave	28528908					1000				
PCB-1232 Peak 7	BNB	Ave	44087632					1000				
PCB-1232 Peak 8	BNB	Ave	16628368					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	46662355	20.0	20.0	
2	1.368	1.368	0.000	41416689	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	2.998	2.998	0.000	48899297	1000.0	1000.0	a
1	3.465	3.465	0.000	39454974	1000.0	1000.0	a
1	3.739	3.739	0.000	14992024	1000.0	1000.0	a
1	3.986	3.986	0.000	75406138	1000.0	1000.0	a
1	4.142	4.142	0.000	31631999	1000.0	1000.0	a
1	4.683	4.683	0.000	23802440	1000.0	1000.0	a
1	5.121	5.121	0.000	23259576	1000.0	1000.0	a
1	5.169	5.169	0.000	26463577	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	45103474	1000.0	1000.0	a
2	2.718	2.718	0.000	34140860	1000.0	1000.0	M
2	2.921	2.921	0.000	22896111	1000.0	1000.0	M
2	3.194	3.194	0.000	74849966	1000.0	1000.0	M
2	3.334	3.334	0.000	30842670	1000.0	1000.0	M
2	3.771	3.771	0.000	28528908	1000.0	1000.0	M
2	4.226	4.226	0.000	44087632	1000.0	1000.0	M
2	4.459	4.459	0.000	16628368	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

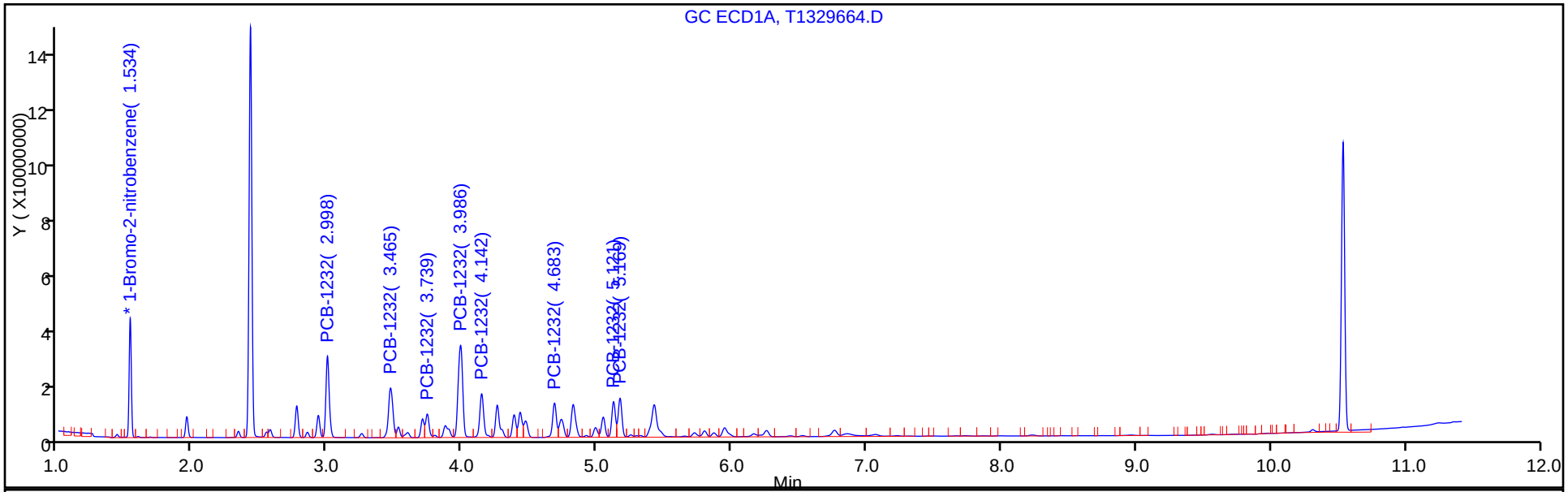
SG1232L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

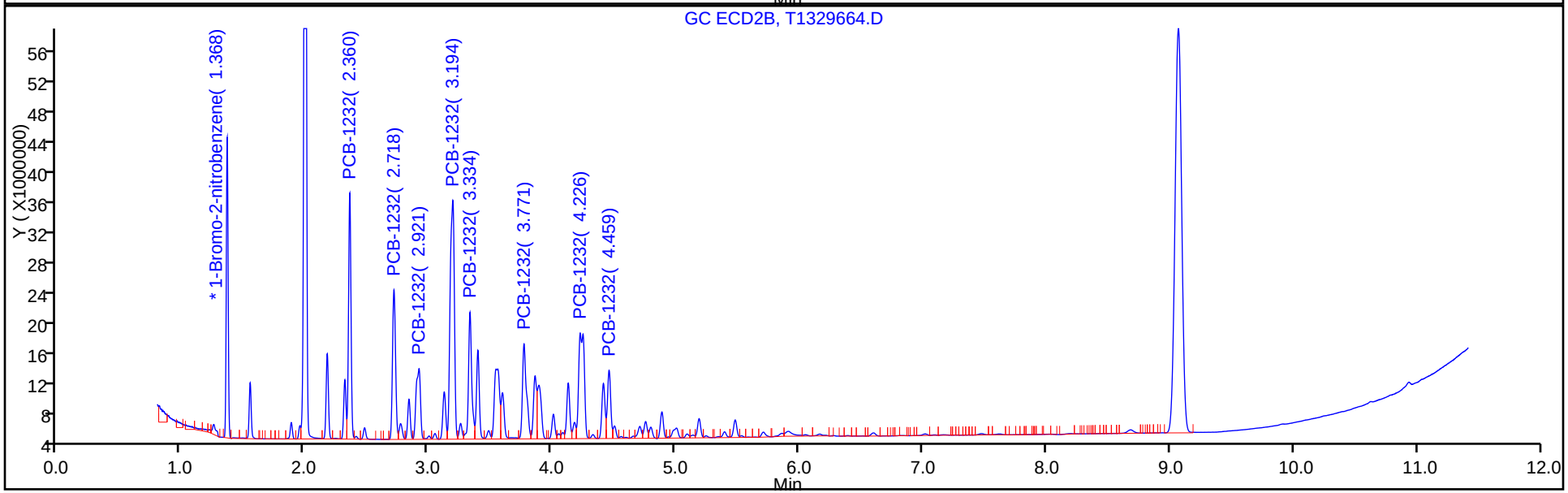
Report Date: 19-Jun-2016 09:11:50 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date:	17-Jun-2016 18:31:23	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0144					Ave		0.0144						20.0			0.9900
PCB-1242 Peak 2	0.0283					Ave		0.0283						20.0			0.9900
PCB-1242 Peak 3	0.0113					Ave		0.0113						20.0			0.9900
PCB-1242 Peak 4	0.0574					Ave		0.0574						20.0			0.9900
PCB-1242 Peak 5	0.0241					Ave		0.0241						20.0			0.9900
PCB-1242 Peak 6	0.0223					Ave		0.0223						20.0			0.9900
PCB-1242 Peak 7	0.0200					Ave		0.0200						20.0			0.9900
PCB-1242 Peak 8	0.0224					Ave		0.0224						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	37524106					1000				
PCB-1242 Peak 2	BNB	Ave	73575017					1000				
PCB-1242 Peak 3	BNB	Ave	29503886					1000				
PCB-1242 Peak 4	BNB	Ave	149210359					1000				
PCB-1242 Peak 5	BNB	Ave	62602682					1000				
PCB-1242 Peak 6	BNB	Ave	57937524					1000				
PCB-1242 Peak 7	BNB	Ave	52106940					1000				
PCB-1242 Peak 8	BNB	Ave	58111849					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	51996898	20.0	20.0	
2	1.367	1.367	0.000	47857031	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	2.997	2.997	0.000	37524106	1000.0	1000.0	a
1	3.466	3.466	0.000	73575017	1000.0	1000.0	a
1	3.738	3.738	0.000	29503886	1000.0	1000.0	M
1	3.986	3.986	0.000	149210359	1000.0	1000.0	M
1	4.141	4.141	0.000	62602682	1000.0	1000.0	M
1	4.822	4.822	0.000	57937524	1000.0	1000.0	M
1	5.121	5.121	0.000	52106940	1000.0	1000.0	M
1	5.170	5.170	0.000	58111849	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	34667503	1000.0	1000.0	a
2	2.717	2.717	0.000	67998895	1000.0	1000.0	a
2	2.921	2.921	0.000	45393572	1000.0	1000.0	M
2	3.194	3.194	0.000	149614498	1000.0	1000.0	M
2	3.333	3.333	0.000	62126228	1000.0	1000.0	M
2	3.771	3.771	0.000	62499833	1000.0	1000.0	M
2	4.226	4.226	0.000	98728952	1000.0	1000.0	M
2	4.460	4.460	0.000	38582618	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

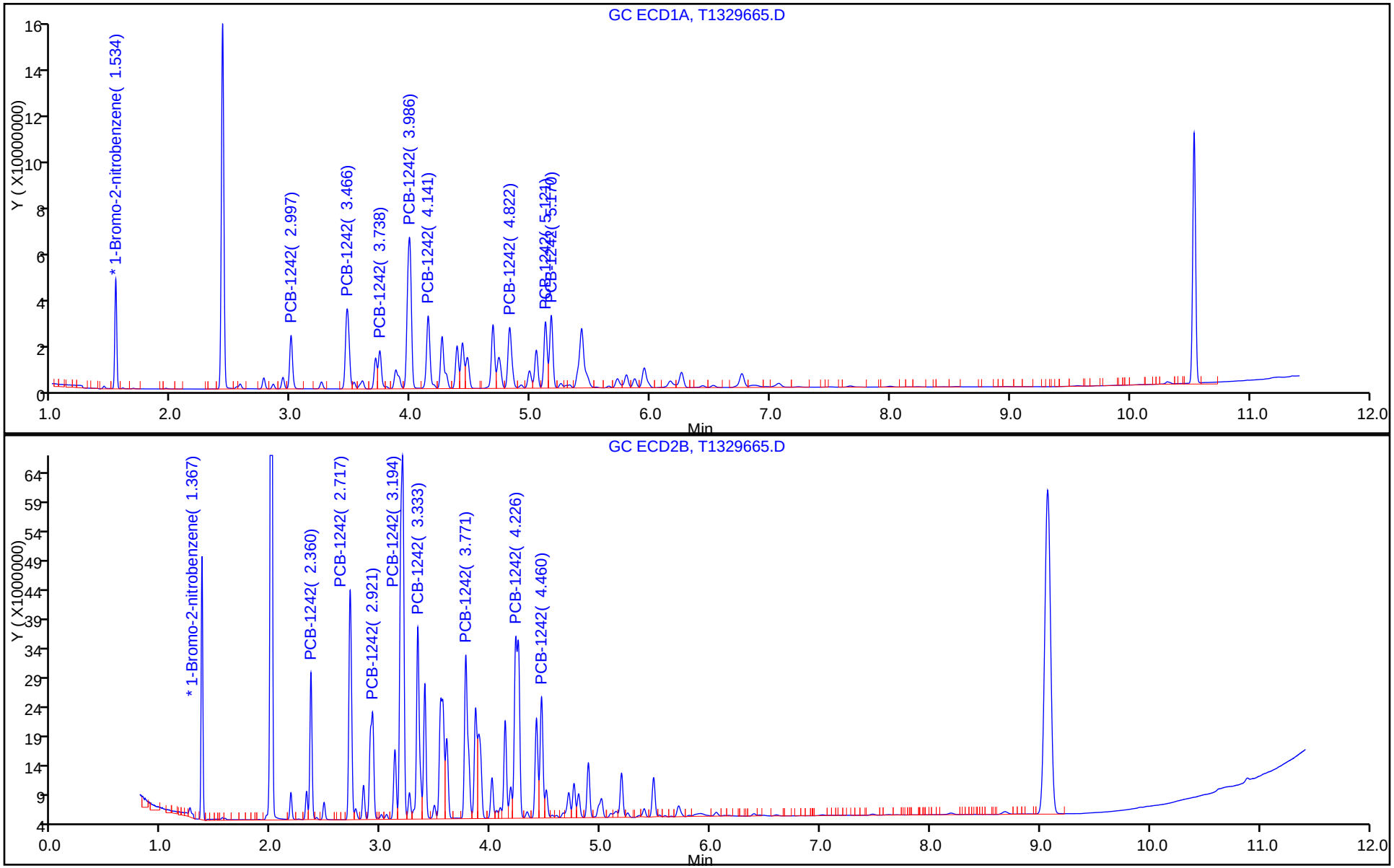
SG1242L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:55 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date:	17-Jun-2016 18:45:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0145					Ave		0.0145						20.0			0.9900
PCB-1242 Peak 2	0.0284					Ave		0.0284						20.0			0.9900
PCB-1242 Peak 3	0.0190					Ave		0.0190						20.0			0.9900
PCB-1242 Peak 4	0.0625					Ave		0.0625						20.0			0.9900
PCB-1242 Peak 5	0.0260					Ave		0.0260						20.0			0.9900
PCB-1242 Peak 6	0.0261					Ave		0.0261						20.0			0.9900
PCB-1242 Peak 7	0.0413					Ave		0.0413						20.0			0.9900
PCB-1242 Peak 8	0.0161					Ave		0.0161						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/10	T1329665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	34667503					1000				
PCB-1242 Peak 2	BNB	Ave	67998895					1000				
PCB-1242 Peak 3	BNB	Ave	45393572					1000				
PCB-1242 Peak 4	BNB	Ave	149614498					1000				
PCB-1242 Peak 5	BNB	Ave	62126228					1000				
PCB-1242 Peak 6	BNB	Ave	62499833					1000				
PCB-1242 Peak 7	BNB	Ave	98728952					1000				
PCB-1242 Peak 8	BNB	Ave	38582618					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	51996898	20.0	20.0	
2	1.367	1.367	0.000	47857031	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	2.997	2.997	0.000	37524106	1000.0	1000.0	a
1	3.466	3.466	0.000	73575017	1000.0	1000.0	a
1	3.738	3.738	0.000	29503886	1000.0	1000.0	M
1	3.986	3.986	0.000	149210359	1000.0	1000.0	M
1	4.141	4.141	0.000	62602682	1000.0	1000.0	M
1	4.822	4.822	0.000	57937524	1000.0	1000.0	M
1	5.121	5.121	0.000	52106940	1000.0	1000.0	M
1	5.170	5.170	0.000	58111849	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.360	2.360	0.000	34667503	1000.0	1000.0	a
2	2.717	2.717	0.000	67998895	1000.0	1000.0	a
2	2.921	2.921	0.000	45393572	1000.0	1000.0	M
2	3.194	3.194	0.000	149614498	1000.0	1000.0	M
2	3.333	3.333	0.000	62126228	1000.0	1000.0	M
2	3.771	3.771	0.000	62499833	1000.0	1000.0	M
2	4.226	4.226	0.000	98728952	1000.0	1000.0	M
2	4.460	4.460	0.000	38582618	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

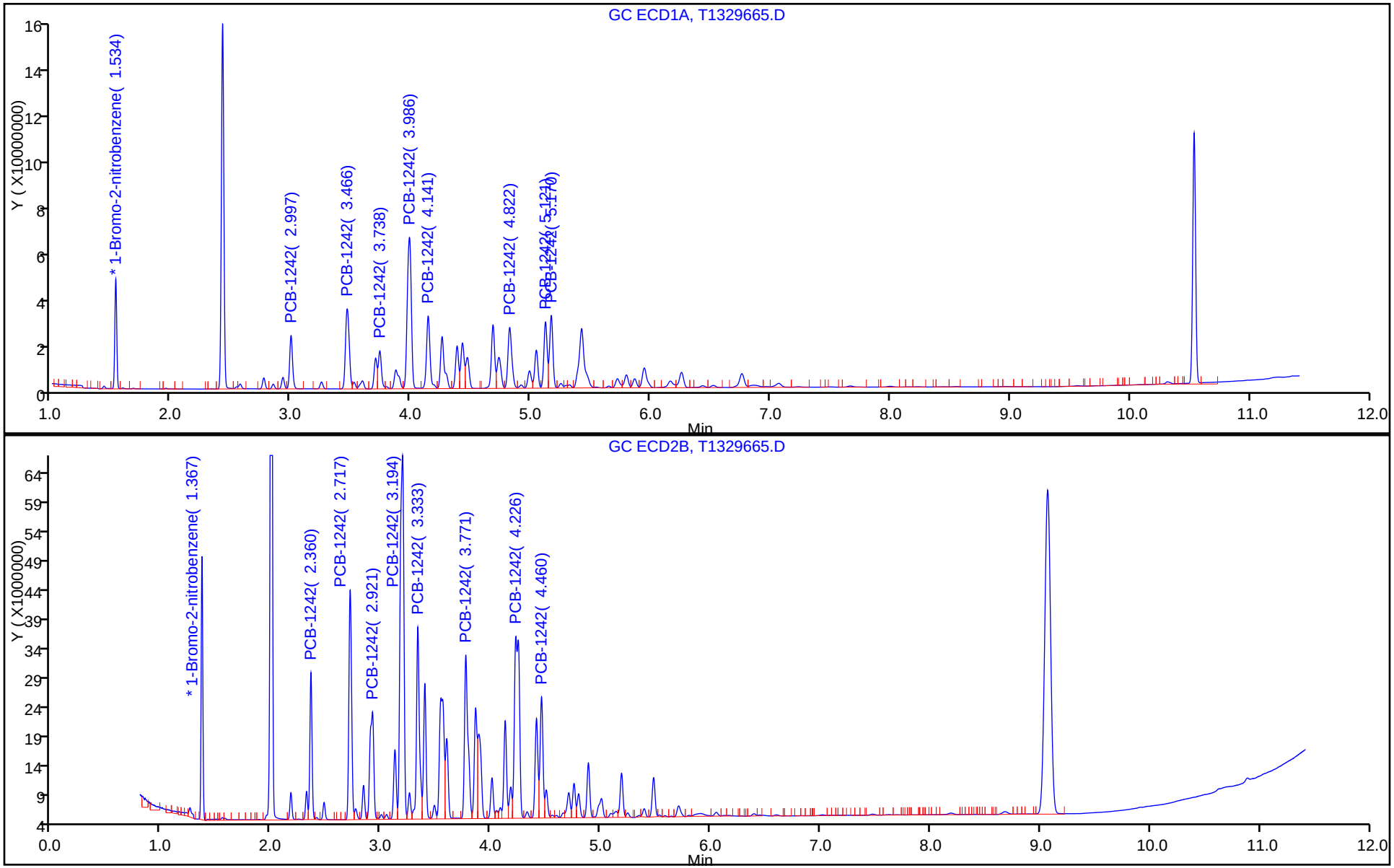
SG1242L3_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:56 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date:	17-Jun-2016 18:45:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0138					Ave		0.0138						20.0			0.9900
PCB-1248 Peak 2	0.0344					Ave		0.0344						20.0			0.9900
PCB-1248 Peak 3	0.0205					Ave		0.0205						20.0			0.9900
PCB-1248 Peak 4	0.0187					Ave		0.0187						20.0			0.9900
PCB-1248 Peak 5	0.0295					Ave		0.0295						20.0			0.9900
PCB-1248 Peak 6	0.0315					Ave		0.0315						20.0			0.9900
PCB-1248 Peak 7	0.0343					Ave		0.0343						20.0			0.9900
PCB-1248 Peak 8	0.0133					Ave		0.0133						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	36401836					1000				
PCB-1248 Peak 2	BNB	Ave	90751385					1000				
PCB-1248 Peak 3	BNB	Ave	54069708					1000				
PCB-1248 Peak 4	BNB	Ave	49197995					1000				
PCB-1248 Peak 5	BNB	Ave	77739389					1000				
PCB-1248 Peak 6	BNB	Ave	83134147					1000				
PCB-1248 Peak 7	BNB	Ave	90374853					1000				
PCB-1248 Peak 8	BNB	Ave	35127736					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	52727160	20.0	20.0	
2	1.367	1.367	0.000	47606303	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.464	3.464	0.000	36401836	1000.0	1000.0	M
1	3.982	3.982	0.000	90751385	1000.0	1000.0	M
1	4.383	4.383	0.000	54069708	1000.0	1000.0	M
1	4.428	4.428	0.000	49197995	1000.0	1000.0	M
1	4.821	4.821	0.000	77739389	1000.0	1000.0	M
1	5.121	5.121	0.000	83134147	1000.0	1000.0	M
1	5.168	5.168	0.000	90374853	1000.0	1000.0	M
1	6.257	6.257	0.000	35127736	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.716	2.716	0.000	32691681	1000.0	1000.0	M
2	3.186	3.186	0.000	89100591	1000.0	1000.0	M
2	3.542	3.542	0.000	92524692	1000.0	1000.0	M
2	3.859	3.859	0.000	54435580	1000.0	1000.0	M
2	4.226	4.226	0.000	151050511	1000.0	1000.0	M
2	4.460	4.460	0.000	66302401	1000.0	1000.0	M
2	4.886	4.886	0.000	41885424	1000.0	1000.0	M
2	5.481	5.481	0.000	28267581	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

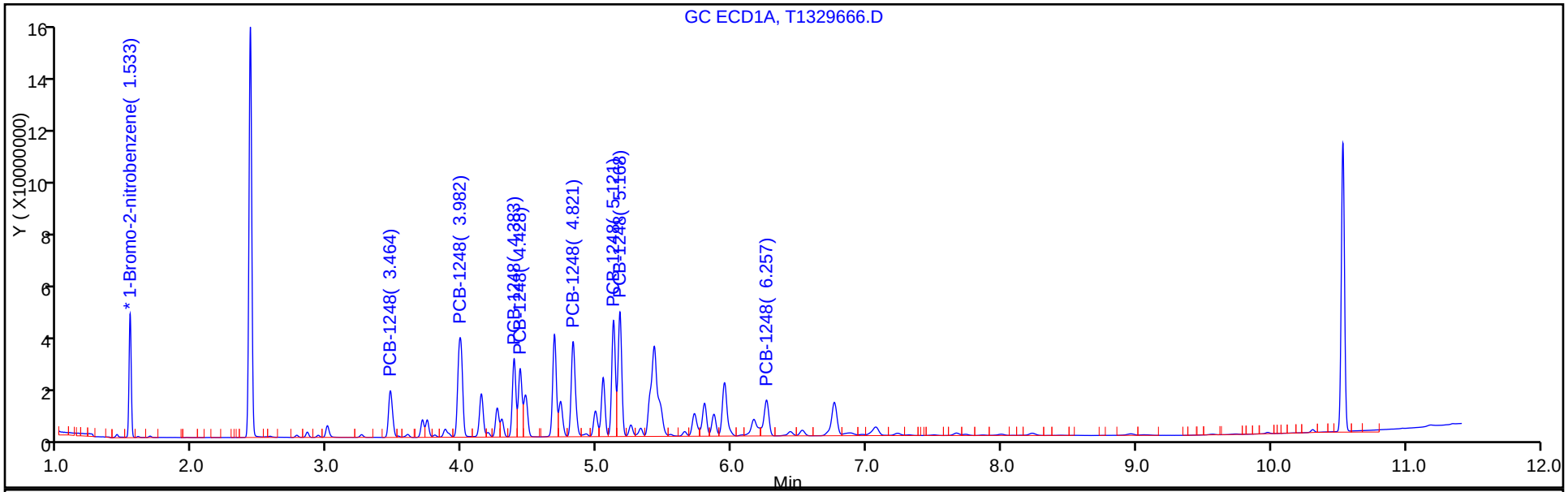
SG1248L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

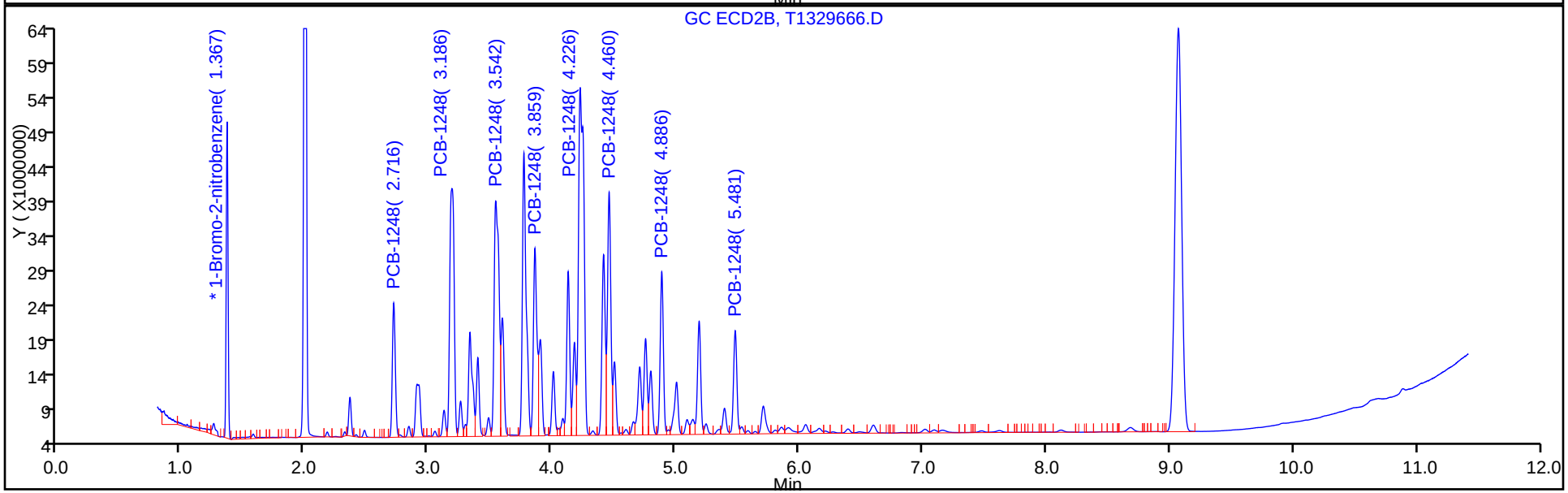
Report Date: 19-Jun-2016 09:12:02 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date:	17-Jun-2016 19:00:24	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0137					Ave		0.0137						20.0			0.9900
PCB-1248 Peak 2	0.0374					Ave		0.0374						20.0			0.9900
PCB-1248 Peak 3	0.0389					Ave		0.0389						20.0			0.9900
PCB-1248 Peak 4	0.0229					Ave		0.0229						20.0			0.9900
PCB-1248 Peak 5	0.0635					Ave		0.0635						20.0			0.9900
PCB-1248 Peak 6	0.0279					Ave		0.0279						20.0			0.9900
PCB-1248 Peak 7	0.0176					Ave		0.0176						20.0			0.9900
PCB-1248 Peak 8	0.0119					Ave		0.0119						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/11	T1329666.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	32691681					1000				
PCB-1248 Peak 2	BNB	Ave	89100591					1000				
PCB-1248 Peak 3	BNB	Ave	92524692					1000				
PCB-1248 Peak 4	BNB	Ave	54435580					1000				
PCB-1248 Peak 5	BNB	Ave	151050511					1000				
PCB-1248 Peak 6	BNB	Ave	66302401					1000				
PCB-1248 Peak 7	BNB	Ave	41885424					1000				
PCB-1248 Peak 8	BNB	Ave	28267581					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	52727160	20.0	20.0	
2	1.367	1.367	0.000	47606303	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.464	3.464	0.000	36401836	1000.0	1000.0	M
1	3.982	3.982	0.000	90751385	1000.0	1000.0	M
1	4.383	4.383	0.000	54069708	1000.0	1000.0	M
1	4.428	4.428	0.000	49197995	1000.0	1000.0	M
1	4.821	4.821	0.000	77739389	1000.0	1000.0	M
1	5.121	5.121	0.000	83134147	1000.0	1000.0	M
1	5.168	5.168	0.000	90374853	1000.0	1000.0	M
1	6.257	6.257	0.000	35127736	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	2.716	2.716	0.000	32691681	1000.0	1000.0	M
2	3.186	3.186	0.000	89100591	1000.0	1000.0	M
2	3.542	3.542	0.000	92524692	1000.0	1000.0	M
2	3.859	3.859	0.000	54435580	1000.0	1000.0	M
2	4.226	4.226	0.000	151050511	1000.0	1000.0	M
2	4.460	4.460	0.000	66302401	1000.0	1000.0	M
2	4.886	4.886	0.000	41885424	1000.0	1000.0	M
2	5.481	5.481	0.000	28267581	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

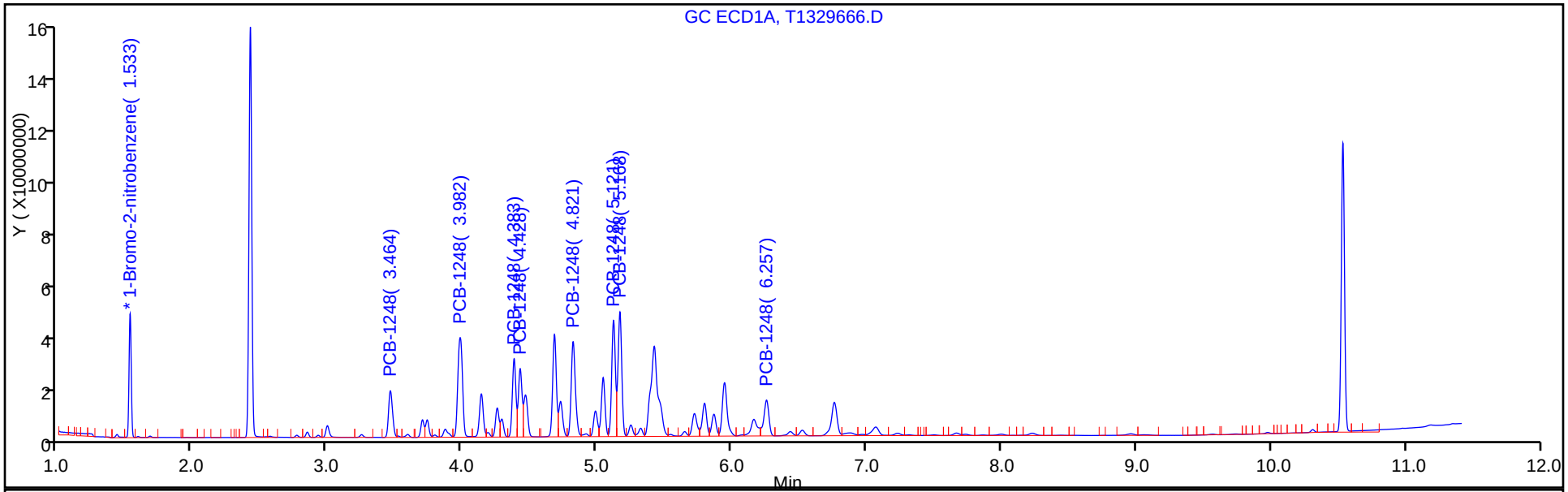
SG1248L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

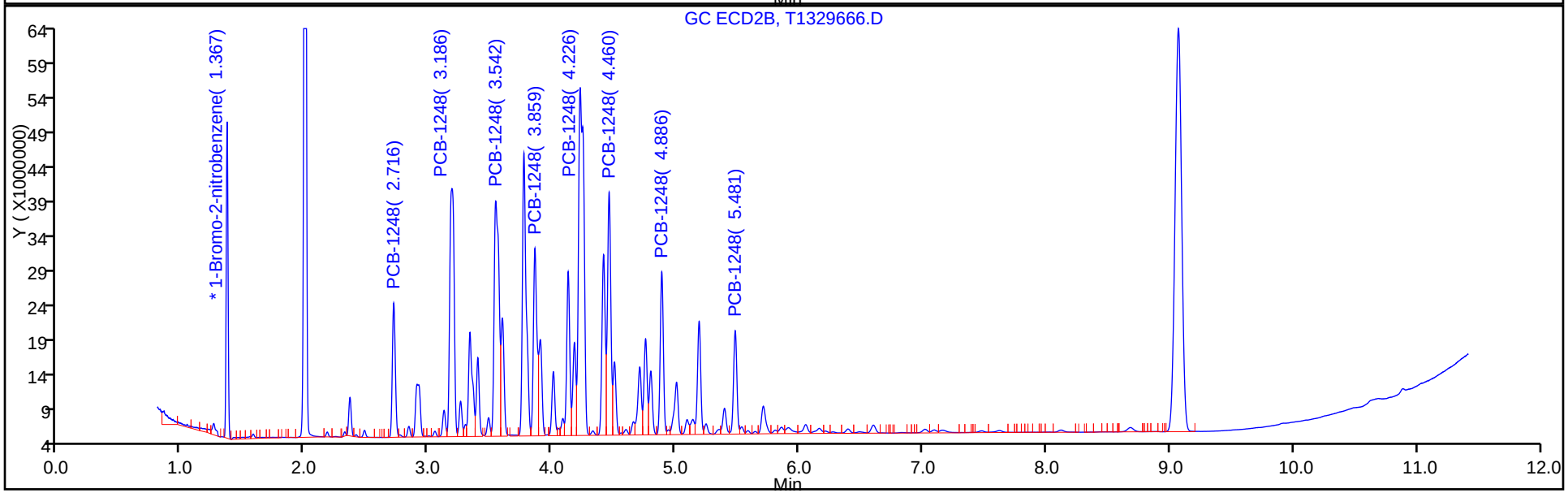
Report Date: 19-Jun-2016 09:12:02 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date:	17-Jun-2016 19:00:24	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0117					Ave		0.0117						20.0			0.9900
PCB-1254 Peak 2	0.0330					Ave		0.0330						20.0			0.9900
PCB-1254 Peak 3	0.0386					Ave		0.0386						20.0			0.9900
PCB-1254 Peak 4	0.0300					Ave		0.0300						20.0			0.9900
PCB-1254 Peak 5	0.0609					Ave		0.0609						20.0			0.9900
PCB-1254 Peak 6	0.0434					Ave		0.0434						20.0			0.9900
PCB-1254 Peak 7	0.0382					Ave		0.0382						20.0			0.9900
PCB-1254 Peak 8	0.0585					Ave		0.0585						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	29133108					1000				
PCB-1254 Peak 2	BNB	Ave	81867095					1000				
PCB-1254 Peak 3	BNB	Ave	95877038					1000				
PCB-1254 Peak 4	BNB	Ave	74380731					1000				
PCB-1254 Peak 5	BNB	Ave	151049862					1000				
PCB-1254 Peak 6	BNB	Ave	107636280					1000				
PCB-1254 Peak 7	BNB	Ave	94722298					1000				
PCB-1254 Peak 8	BNB	Ave	145227823					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	49619620	20.0	20.0	
2	1.367	1.367	0.000	44775479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	4.684	4.684	0.000	29133108	1000.0	1000.0	a
1	5.164	5.164	0.000	81867095	1000.0	1000.0	a
1	5.391	5.391	0.000	95877038	1000.0	1000.0	a
1	5.797	5.797	0.000	74380731	1000.0	1000.0	a
1	5.946	5.946	0.000	151049862	1000.0	1000.0	a
1	6.257	6.257	0.000	107636280	1000.0	1000.0	a
1	6.761	6.761	0.000	94722298	1000.0	1000.0	M
1	7.068	7.068	0.000	145227823	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.769	3.769	0.000	26458336	1000.0	1000.0	M
2	4.180	4.180	0.000	70491895	1000.0	1000.0	M
2	4.465	4.465	0.000	98568806	1000.0	1000.0	M
2	4.755	4.755	0.000	76333301	1000.0	1000.0	M
2	4.887	4.887	0.000	131779144	1000.0	1000.0	M
2	5.189	5.189	0.000	103083589	1000.0	1000.0	M
2	5.395	5.395	0.000	91735193	1000.0	1000.0	M
2	5.709	5.709	0.000	138261384	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

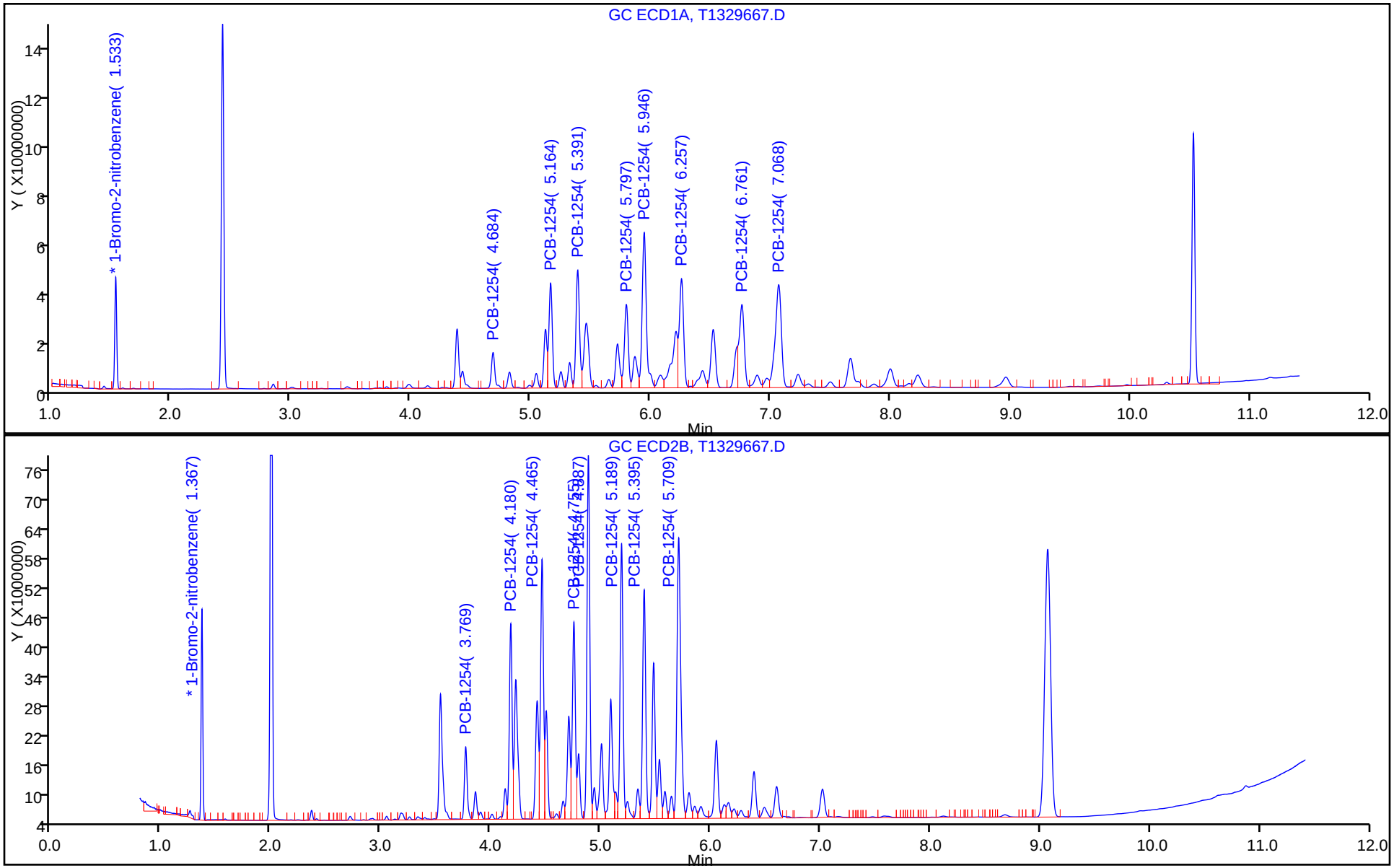
SG1254L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:10 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date:	17-Jun-2016 19:14:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0118					Ave		0.0118						20.0			0.9900
PCB-1254 Peak 2	0.0315					Ave		0.0315						20.0			0.9900
PCB-1254 Peak 3	0.0440					Ave		0.0440						20.0			0.9900
PCB-1254 Peak 4	0.0341					Ave		0.0341						20.0			0.9900
PCB-1254 Peak 5	0.0589					Ave		0.0589						20.0			0.9900
PCB-1254 Peak 6	0.0460					Ave		0.0460						20.0			0.9900
PCB-1254 Peak 7	0.0410					Ave		0.0410						20.0			0.9900
PCB-1254 Peak 8	0.0618					Ave		0.0618						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/12	T1329667.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	26458336					1000				
PCB-1254 Peak 2	BNB	Ave	70491895					1000				
PCB-1254 Peak 3	BNB	Ave	98568806					1000				
PCB-1254 Peak 4	BNB	Ave	76333301					1000				
PCB-1254 Peak 5	BNB	Ave	131779144					1000				
PCB-1254 Peak 6	BNB	Ave	103083589					1000				
PCB-1254 Peak 7	BNB	Ave	91735193					1000				
PCB-1254 Peak 8	BNB	Ave	138261384					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.533	1.533	0.000	49619620	20.0	20.0	
2	1.367	1.367	0.000	44775479	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	4.684	4.684	0.000	29133108	1000.0	1000.0	a
1	5.164	5.164	0.000	81867095	1000.0	1000.0	a
1	5.391	5.391	0.000	95877038	1000.0	1000.0	a
1	5.797	5.797	0.000	74380731	1000.0	1000.0	a
1	5.946	5.946	0.000	151049862	1000.0	1000.0	a
1	6.257	6.257	0.000	107636280	1000.0	1000.0	a
1	6.761	6.761	0.000	94722298	1000.0	1000.0	M
1	7.068	7.068	0.000	145227823	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	3.769	3.769	0.000	26458336	1000.0	1000.0	M
2	4.180	4.180	0.000	70491895	1000.0	1000.0	M
2	4.465	4.465	0.000	98568806	1000.0	1000.0	M
2	4.755	4.755	0.000	76333301	1000.0	1000.0	M
2	4.887	4.887	0.000	131779144	1000.0	1000.0	M
2	5.189	5.189	0.000	103083589	1000.0	1000.0	M
2	5.395	5.395	0.000	91735193	1000.0	1000.0	M
2	5.709	5.709	0.000	138261384	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

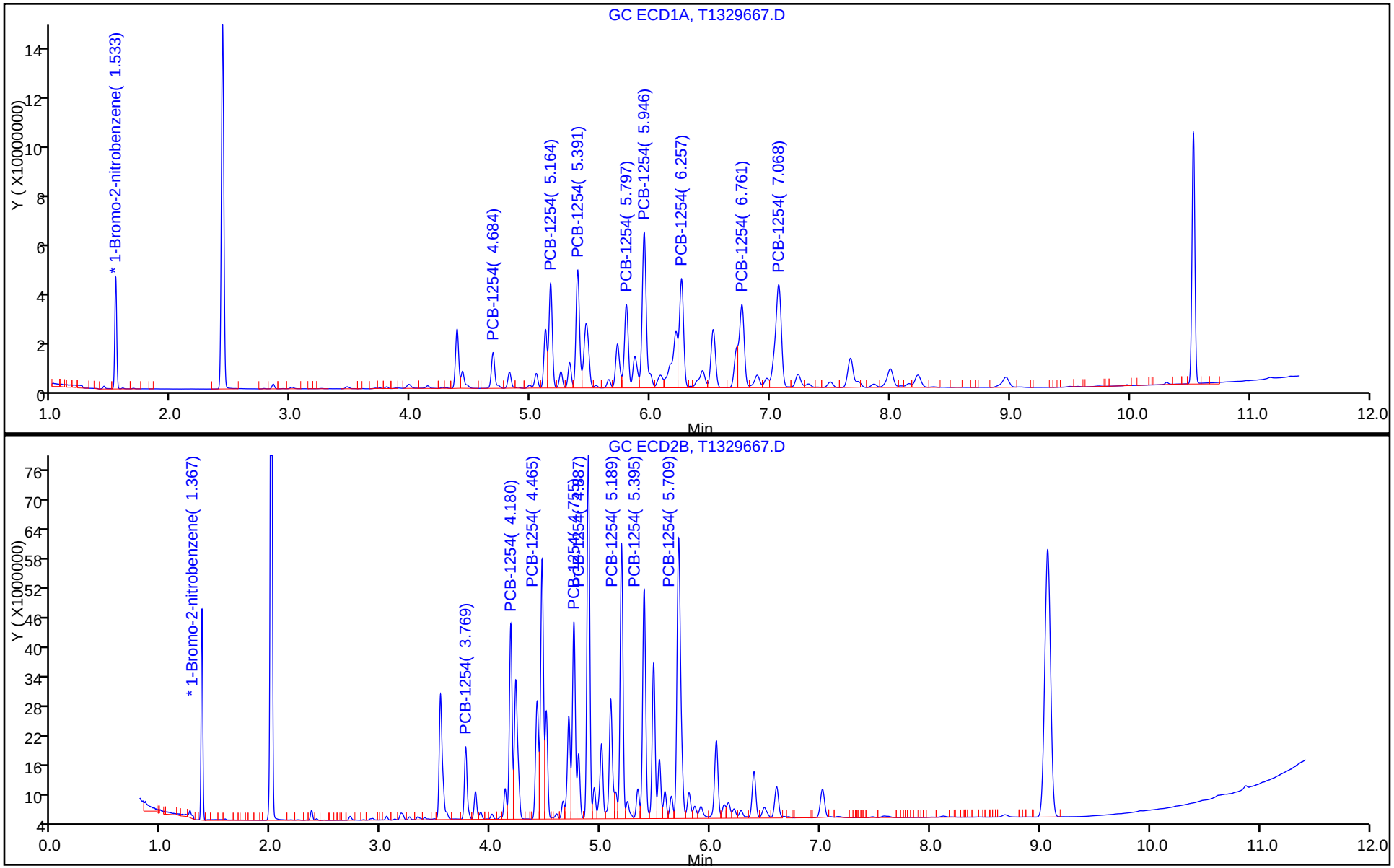
SG1254L3_00027	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:11 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date:	17-Jun-2016 19:14:55	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0361					Ave		0.0361						20.0			0.9900
PCB-1262 Peak 2	0.0419					Ave		0.0419						20.0			0.9900
PCB-1262 Peak 3	0.0620					Ave		0.0620						20.0			0.9900
PCB-1262 Peak 4	0.0568					Ave		0.0568						20.0			0.9900
PCB-1262 Peak 5	0.1148					Ave		0.1148						20.0			0.9900
PCB-1262 Peak 6	0.0182					Ave		0.0182						20.0			0.9900
PCB-1262 Peak 7	0.0412					Ave		0.0412						20.0			0.9900
PCB-1262 Peak 8	0.0142					Ave		0.0142						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	89674640					1000				
PCB-1262 Peak 2	BNB	Ave	104035024					1000				
PCB-1262 Peak 3	BNB	Ave	154090069					1000				
PCB-1262 Peak 4	BNB	Ave	141181898					1000				
PCB-1262 Peak 5	BNB	Ave	285081371					1000				
PCB-1262 Peak 6	BNB	Ave	45130632					1000				
PCB-1262 Peak 7	BNB	Ave	102259307					1000				
PCB-1262 Peak 8	BNB	Ave	35317029					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49668793	20.0	20.0	
2	1.368	1.368	0.000	45259079	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.213	6.213	0.000	89674640	1000.0	1000.0	a
1	6.524	6.524	0.000	104035024	1000.0	1000.0	a
1	7.229	7.229	0.000	154090069	1000.0	1000.0	a
1	7.738	7.738	0.000	141181898	1000.0	1000.0	a
1	8.233	8.233	0.000	285081371	1000.0	1000.0	a
1	9.744	9.744	0.000	45130632	1000.0	1000.0	a
1	9.974	9.974	0.000	102259307	1000.0	1000.0	
1	10.306	10.306	0.000	35317029	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.092	5.092	0.000	81745945	1000.0	1000.0	M
2	6.164	6.164	0.000	138403732	1000.0	1000.0	M
2	6.602	6.602	0.000	289513373	1000.0	1000.0	M
2	7.019	7.019	0.000	102630866	1000.0	1000.0	a
2	7.160	7.160	0.000	123711143	1000.0	1000.0	a
2	7.626	7.626	0.000	48287897	1000.0	1000.0	a
2	8.121	8.121	0.000	108064398	1000.0	1000.0	a
2	8.681	8.681	0.000	40912250	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

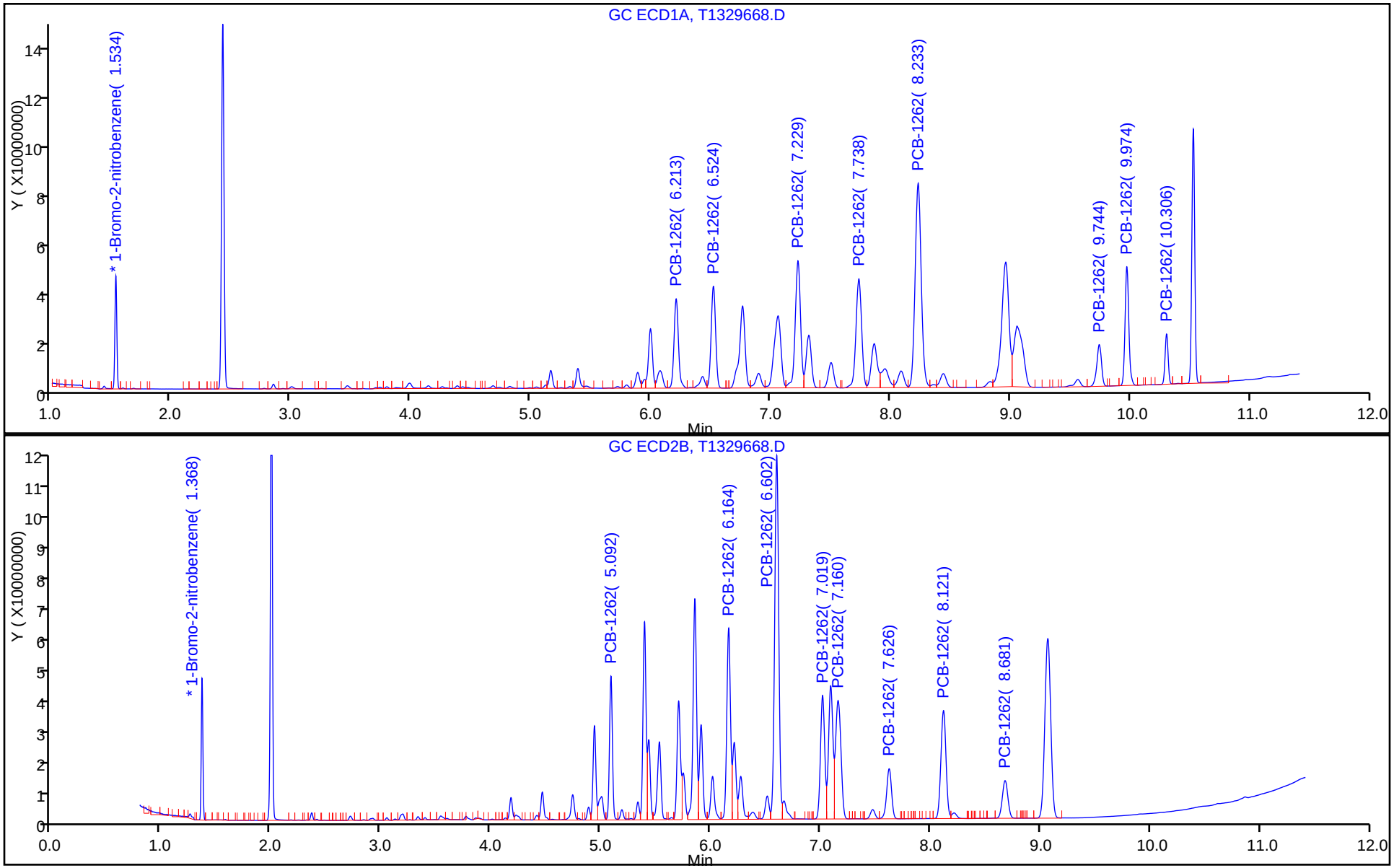
SG1262L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date:	17-Jun-2016 19:29:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0361					Ave		0.0361						20.0			0.9900
PCB-1262 Peak 2	0.0612					Ave		0.0612						20.0			0.9900
PCB-1262 Peak 3	0.1279					Ave		0.1279						20.0			0.9900
PCB-1262 Peak 4	0.0454					Ave		0.0454						20.0			0.9900
PCB-1262 Peak 5	0.0547					Ave		0.0547						20.0			0.9900
PCB-1262 Peak 6	0.0213					Ave		0.0213						20.0			0.9900
PCB-1262 Peak 7	0.0478					Ave		0.0478						20.0			0.9900
PCB-1262 Peak 8	0.0181					Ave		0.0181						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/13	T1329668.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	81745945					1000				
PCB-1262 Peak 2	BNB	Ave	138403732					1000				
PCB-1262 Peak 3	BNB	Ave	289513373					1000				
PCB-1262 Peak 4	BNB	Ave	102630866					1000				
PCB-1262 Peak 5	BNB	Ave	123711143					1000				
PCB-1262 Peak 6	BNB	Ave	48287897					1000				
PCB-1262 Peak 7	BNB	Ave	108064398					1000				
PCB-1262 Peak 8	BNB	Ave	40912250					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	49668793	20.0	20.0	
2	1.368	1.368	0.000	45259079	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	6.213	6.213	0.000	89674640	1000.0	1000.0	a
1	6.524	6.524	0.000	104035024	1000.0	1000.0	a
1	7.229	7.229	0.000	154090069	1000.0	1000.0	a
1	7.738	7.738	0.000	141181898	1000.0	1000.0	a
1	8.233	8.233	0.000	285081371	1000.0	1000.0	a
1	9.744	9.744	0.000	45130632	1000.0	1000.0	a
1	9.974	9.974	0.000	102259307	1000.0	1000.0	
1	10.306	10.306	0.000	35317029	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.092	5.092	0.000	81745945	1000.0	1000.0	M
2	6.164	6.164	0.000	138403732	1000.0	1000.0	M
2	6.602	6.602	0.000	289513373	1000.0	1000.0	M
2	7.019	7.019	0.000	102630866	1000.0	1000.0	a
2	7.160	7.160	0.000	123711143	1000.0	1000.0	a
2	7.626	7.626	0.000	48287897	1000.0	1000.0	a
2	8.121	8.121	0.000	108064398	1000.0	1000.0	a
2	8.681	8.681	0.000	40912250	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

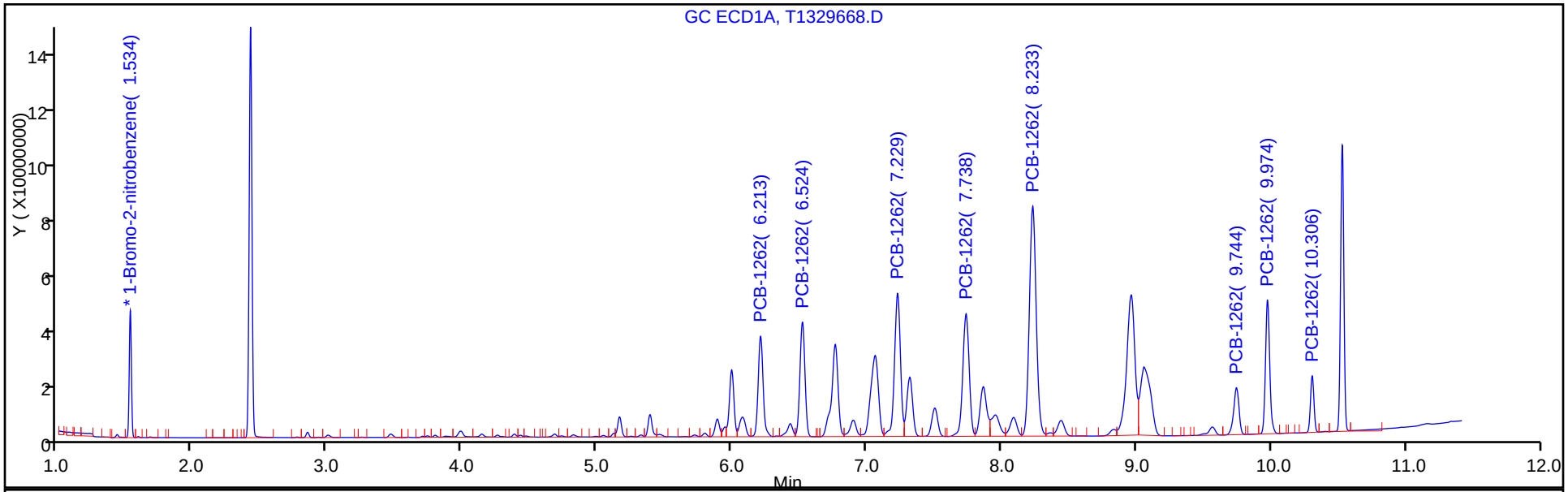
SG1262L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00006	Amount Added:	20.00	Units: uL	Run Reagent

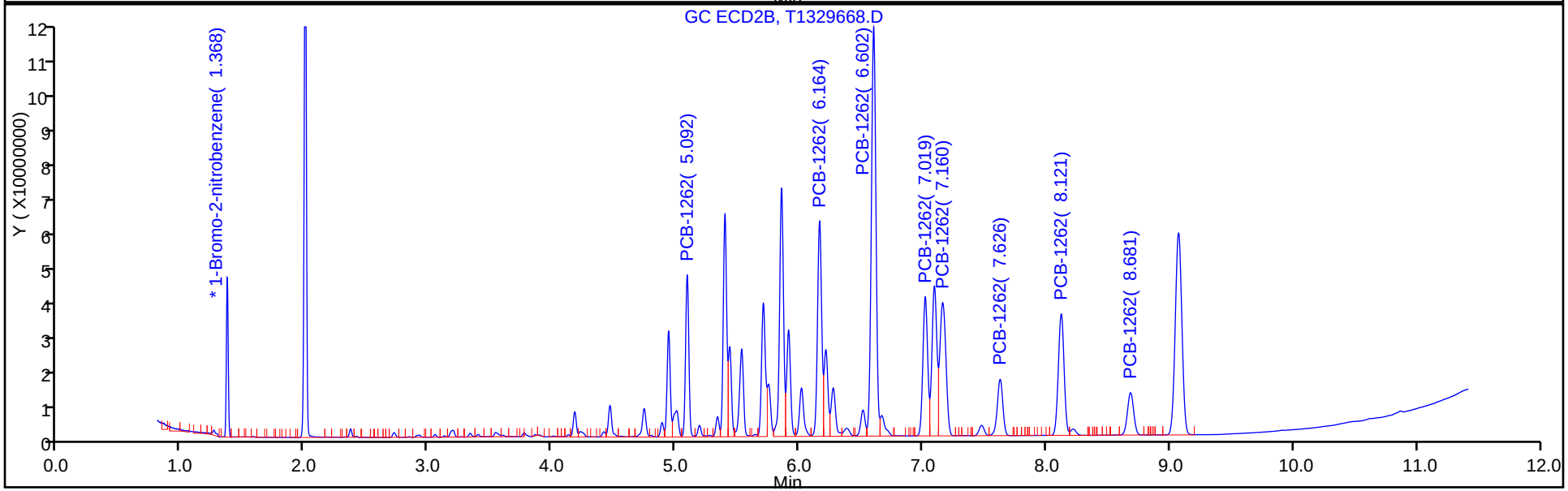
Report Date: 19-Jun-2016 09:12:17 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date:	17-Jun-2016 19:29:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0215					Ave		0.0215						20.0			0.9900
PCB-1268 Peak 2	0.0279					Ave		0.0279						20.0			0.9900
PCB-1268 Peak 3	0.1192					Ave		0.1192						20.0			0.9900
PCB-1268 Peak 4	0.1132					Ave		0.1132						20.0			0.9900
PCB-1268 Peak 5	0.0941					Ave		0.0941						20.0			0.9900
PCB-1268 Peak 6	0.0260					Ave		0.0260						20.0			0.9900
PCB-1268 Peak 7	0.0391					Ave		0.0391						20.0			0.9900
PCB-1268 Peak 8	0.2629					Ave		0.2629						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	52457685					1000				
PCB-1268 Peak 2	BNB	Ave	68085509					1000				
PCB-1268 Peak 3	BNB	Ave	291403355					1000				
PCB-1268 Peak 4	BNB	Ave	276694202					1000				
PCB-1268 Peak 5	BNB	Ave	230000843					1000				
PCB-1268 Peak 6	BNB	Ave	63648345					1000				
PCB-1268 Peak 7	BNB	Ave	95650107					1000				
PCB-1268 Peak 8	BNB	Ave	642543789					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48876217	20.0	20.0	
2	1.368	1.368	0.000	45299420	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	7.228	7.228	0.000	52457685	1000.0	1000.0	a
1	7.741	7.741	0.000	68085509	1000.0	1000.0	a
1	8.958	8.958	0.000	291403355	1000.0	1000.0	a
1	9.054	9.054	0.000	276694202	1000.0	1000.0	a
1	9.566	9.566	0.000	230000843	1000.0	1000.0	a
1	9.716	9.716	0.000	63648345	1000.0	1000.0	a
1	9.973	9.973	0.000	95650107	1000.0	1000.0	a
1	10.299	10.299	0.000	642543789	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	6.158	6.158	0.000	65956426	1000.0	1000.0	a
2	6.596	6.596	0.000	45181531	1000.0	1000.0	a
2	7.093	7.093	0.000	293338664	1000.0	1000.0	a
2	7.153	7.153	0.000	269759018	1000.0	1000.0	a
2	7.475	7.475	0.000	238832073	1000.0	1000.0	a
2	7.618	7.618	0.000	66742099	1000.0	1000.0	a
2	8.118	8.118	0.000	105420910	1000.0	1000.0	a
2	8.680	8.680	0.000	756916830	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

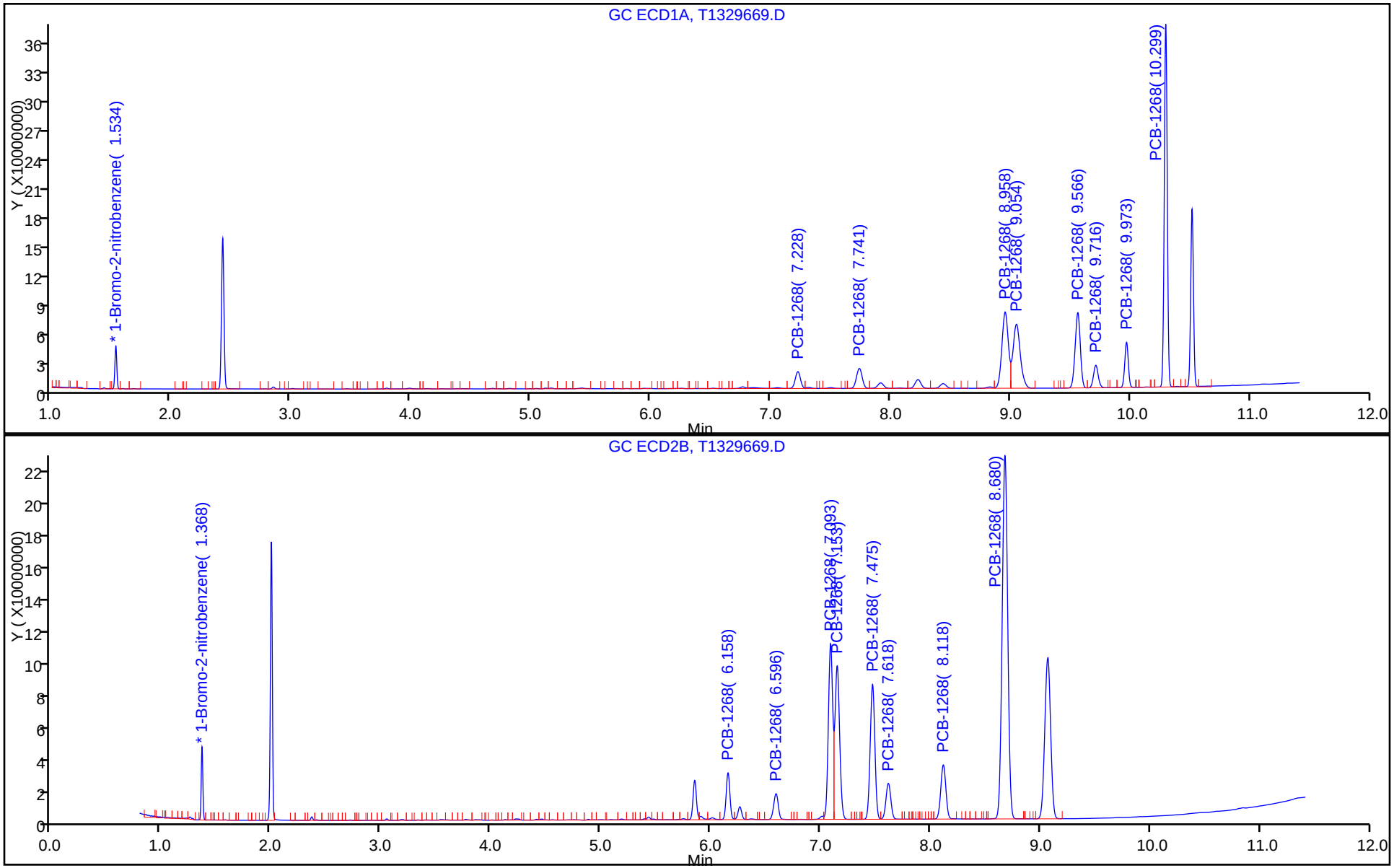
SG1268L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:12:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date:	17-Jun-2016 19:43:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0291					Ave		0.0291						20.0			0.9900
PCB-1268 Peak 2	0.0199					Ave		0.0199						20.0			0.9900
PCB-1268 Peak 3	0.1295					Ave		0.1295						20.0			0.9900
PCB-1268 Peak 4	0.1191					Ave		0.1191						20.0			0.9900
PCB-1268 Peak 5	0.1054					Ave		0.1054						20.0			0.9900
PCB-1268 Peak 6	0.0295					Ave		0.0295						20.0			0.9900
PCB-1268 Peak 7	0.0465					Ave		0.0465						20.0			0.9900
PCB-1268 Peak 8	0.3342					Ave		0.3342						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-121208-1 Analy Batch No.: 374290

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-374290/14	T1329669.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	65956426					1000				
PCB-1268 Peak 2	BNB	Ave	45181531					1000				
PCB-1268 Peak 3	BNB	Ave	293338664					1000				
PCB-1268 Peak 4	BNB	Ave	269759018					1000				
PCB-1268 Peak 5	BNB	Ave	238832073					1000				
PCB-1268 Peak 6	BNB	Ave	66742099					1000				
PCB-1268 Peak 7	BNB	Ave	105420910					1000				
PCB-1268 Peak 8	BNB	Ave	756916830					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.534	1.534	0.000	48876217	20.0	20.0	
2	1.368	1.368	0.000	45299420	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							
1	7.228	7.228	0.000	52457685	1000.0	1000.0	a
1	7.741	7.741	0.000	68085509	1000.0	1000.0	a
1	8.958	8.958	0.000	291403355	1000.0	1000.0	a
1	9.054	9.054	0.000	276694202	1000.0	1000.0	a
1	9.566	9.566	0.000	230000843	1000.0	1000.0	a
1	9.716	9.716	0.000	63648345	1000.0	1000.0	a
1	9.973	9.973	0.000	95650107	1000.0	1000.0	a
1	10.299	10.299	0.000	642543789	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
2	6.158	6.158	0.000	65956426	1000.0	1000.0	a
2	6.596	6.596	0.000	45181531	1000.0	1000.0	a
2	7.093	7.093	0.000	293338664	1000.0	1000.0	a
2	7.153	7.153	0.000	269759018	1000.0	1000.0	a
2	7.475	7.475	0.000	238832073	1000.0	1000.0	a
2	7.618	7.618	0.000	66742099	1000.0	1000.0	a
2	8.118	8.118	0.000	105420910	1000.0	1000.0	a
2	8.680	8.680	0.000	756916830	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	

Reagents:

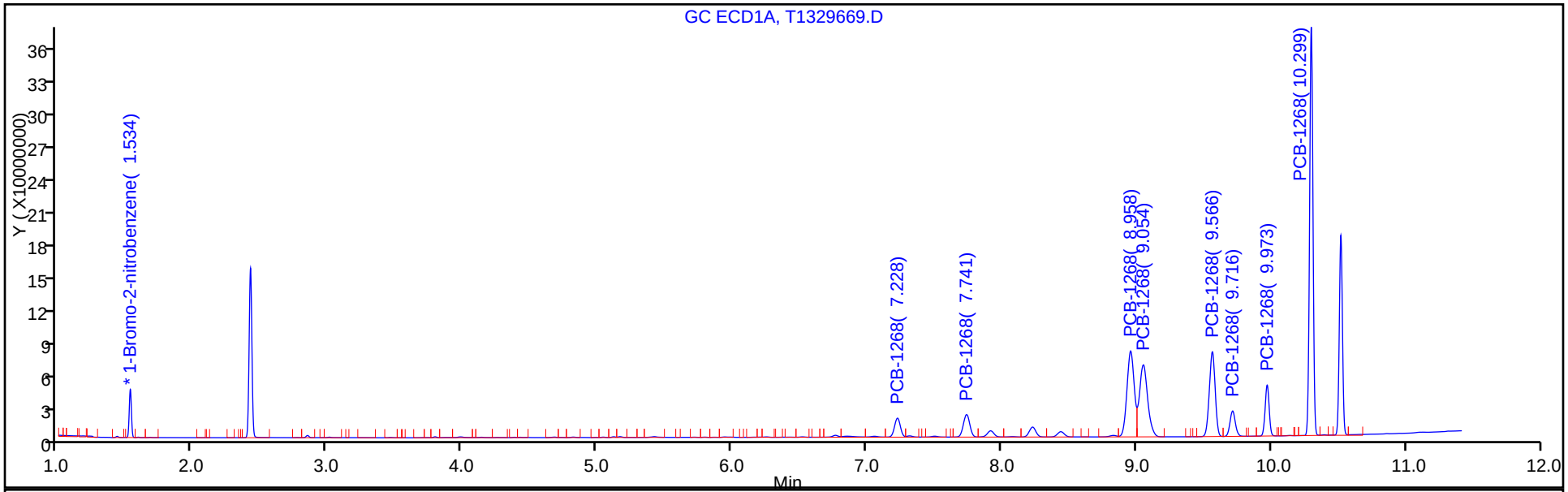
SG1268L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

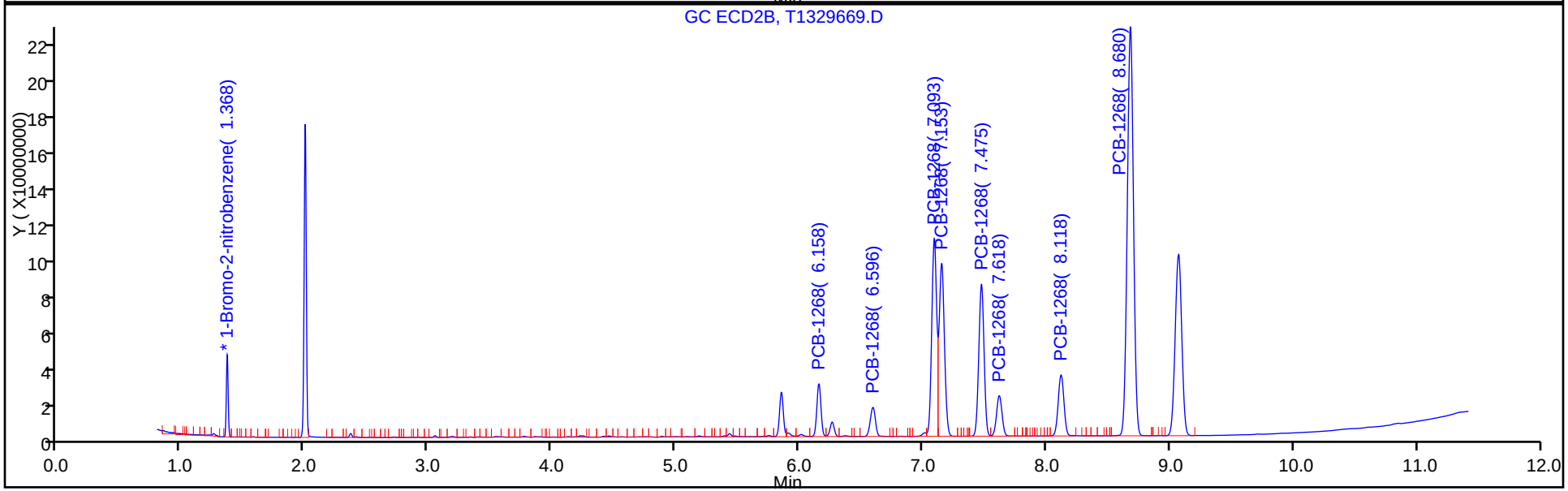
Report Date: 19-Jun-2016 09:12:22 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date:	17-Jun-2016 19:43:54	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0162		986	1000	-1.4	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0346		1070	1000	6.9	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0137		974	1000	-2.6	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0695		1050	1000	5.3	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0288		1040	1000	3.6	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0155		1080	1000	8.4	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0228		1020	1000	2.4	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0226		919	1000	-8.1	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0206		974	1000	-2.6	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0467		1050	1000	5.0	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0533		1030	1000	2.5	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0377		901	1000	-9.9	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0443		961	1000	-3.9	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0912		943	1000	-5.7	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0695		959	1000	-4.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0231		861	1000	-13.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.00	2.97	3.03
PCB-1016 Peak 2	3.47	3.44	3.50
PCB-1016 Peak 3	3.74	3.71	3.77
PCB-1016 Peak 4	3.99	3.96	4.02
PCB-1016 Peak 5	4.14	4.11	4.17
PCB-1016 Peak 6	4.38	4.35	4.41
PCB-1016 Peak 7	4.68	4.65	4.71
PCB-1016 Peak 8	4.82	4.79	4.85
PCB-1260 Peak 1	6.00	5.97	6.03
PCB-1260 Peak 2	6.21	6.18	6.24
PCB-1260 Peak 3	6.52	6.49	6.55
PCB-1260 Peak 4	7.23	7.20	7.26
PCB-1260 Peak 5	7.73	7.71	7.77
PCB-1260 Peak 6	8.23	8.20	8.26
PCB-1260 Peak 7	8.96	8.93	8.99
PCB-1260 Peak 8	9.98	9.95	10.01

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.534	1.534	0.000	47837155	20.0	20.0	
2	1.367	1.367	0.000	41401410	20.0	20.0	M
						RPD = 0.00	
5 PCB-1016							M
1	2.997	2.998	-0.001	38768946	1000.0	985.8	
1	3.466	3.465	0.001	82720292	1000.0	1069.2	
1	3.739	3.738	0.001	32806436	1000.0	973.8	
1	3.985	3.985	0.000	166195021	1000.0	1052.7	
1	4.142	4.142	0.000	68964876	1000.0	1036.2	
1	4.384	4.384	0.000	37080461	1000.0	1083.7	
1	4.683	4.684	-0.001	54434962	1000.0	1024.4	
1	4.821	4.822	-0.001	53992949	1000.0	918.8	
		Average of Peak Amounts =				1018.1	
2	2.360	2.360	0.000	33815992	1000.0	984.4	
2	2.717	2.718	-0.001	74744319	1000.0	1114.0	
2	2.920	2.921	-0.001	49986897	1000.0	1115.9	
2	3.195	3.194	0.001	166914488	1000.0	1119.6	
2	3.333	3.333	0.000	69786287	1000.0	1133.2	
2	3.397	3.397	0.000	41293237	1000.0	1085.7	
2	3.770	3.770	0.000	67501609	1000.0	1081.3	
2	3.860	3.860	0.000	36349734	1000.0	1043.4	M
		Average of Peak Amounts =				1084.7	
						RPD = 6.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	5.996	5.996	0.000	49256236	1000.0	973.7	
1	6.210	6.211	-0.001	111683003	1000.0	1049.8	
1	6.521	6.521	0.000	127496396	1000.0	1025.5	
1	7.225	7.228	-0.003	90112541	1000.0	901.3	
1	7.734	7.735	-0.001	105956793	1000.0	961.2	
1	8.228	8.230	-0.002	218179687	1000.0	942.6	
1	8.963	8.960	0.003	166147295	1000.0	958.6	
1	9.978	9.979	-0.001	55212855	1000.0	860.9	
		Average of Peak Amounts =				959.2	
2	5.090	5.091	-0.001	96592775	1000.0	1075.2	M
2	5.708	5.708	0.000	177512496	1000.0	1143.9	M
2	5.855	5.855	0.000	85359198	1000.0	902.3	M
2	6.163	6.162	0.001	92577897	1000.0	963.7	M
2	6.600	6.600	0.000	207530422	1000.0	974.6	M
2	7.018	7.019	-0.001	116967266	1000.0	1067.1	
2	7.161	7.160	0.001	54307419	1000.0	869.1	
2	8.120	8.119	0.001	55167402	1000.0	897.0	
		Average of Peak Amounts =				986.6	
						RPD = 2.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

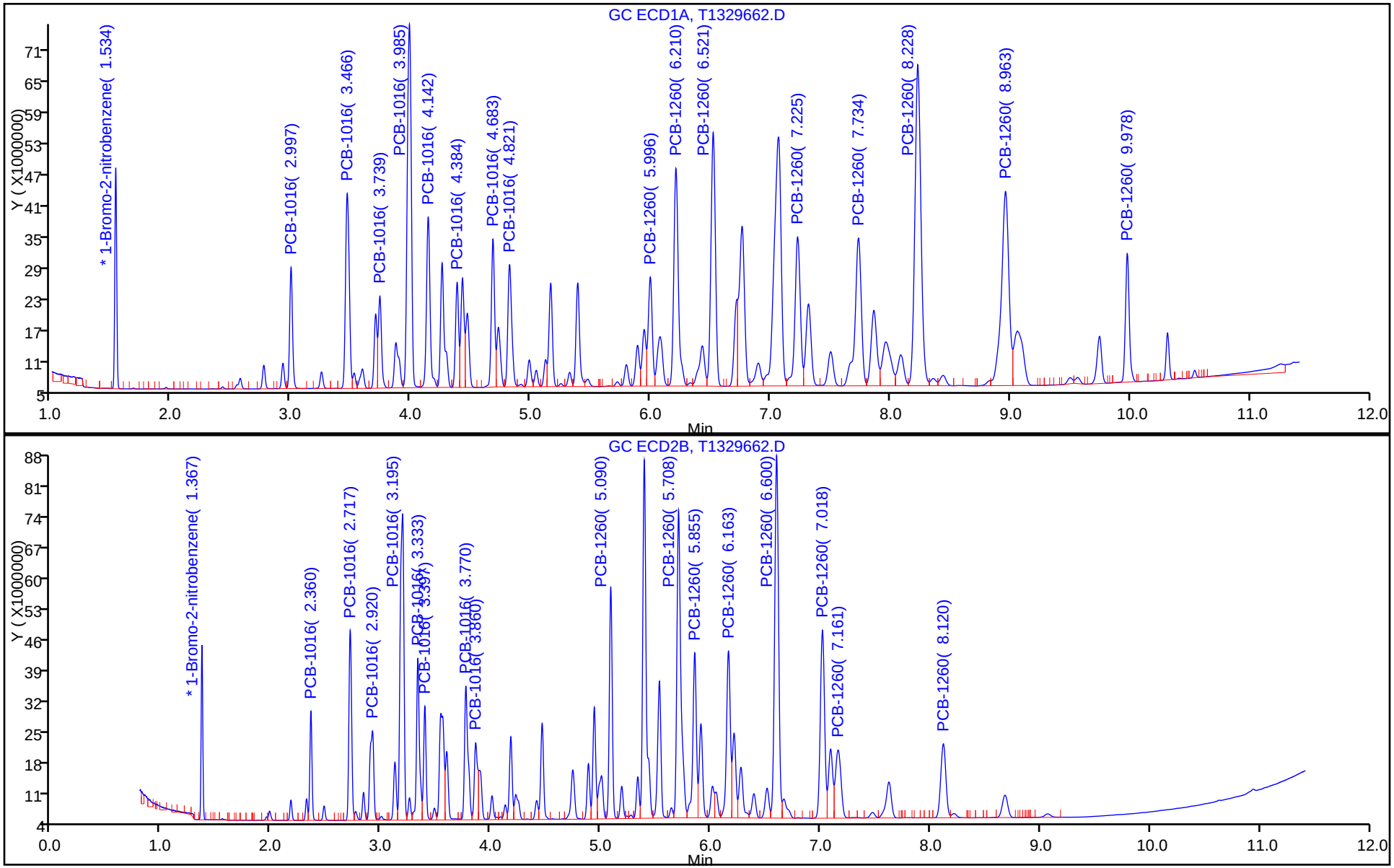
SGPCBICV_00018	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:33 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date:	17-Jun-2016 18:02:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0166	0.0163		984	1000	-1.6	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0361		1110	1000	11.4	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0242		1120	1000	11.6	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0806		1120	1000	12.0	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0337		1130	1000	13.3	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0200		1090	1000	8.6	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0326		1080	1000	8.1	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0176		1040	1000	4.3	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0467		1080	1000	7.5	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0858		1140	1000	14.4	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0412		902	1000	-9.8	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0447		964	1000	-3.6	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1003		975	1000	-2.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0565		1070	1000	6.7	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0262		869	1000	-13.1	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0267		897	1000	-10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1329662.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.36	2.33	2.39
PCB-1016 Peak 2	2.72	2.69	2.75
PCB-1016 Peak 3	2.92	2.89	2.95
PCB-1016 Peak 4	3.20	3.16	3.22
PCB-1016 Peak 5	3.33	3.30	3.36
PCB-1016 Peak 6	3.40	3.37	3.43
PCB-1016 Peak 7	3.77	3.74	3.80
PCB-1016 Peak 8	3.86	3.83	3.89
PCB-1260 Peak 1	5.09	5.06	5.12
PCB-1260 Peak 2	5.71	5.68	5.74
PCB-1260 Peak 3	5.86	5.83	5.89
PCB-1260 Peak 4	6.16	6.13	6.19
PCB-1260 Peak 5	6.60	6.57	6.63
PCB-1260 Peak 6	7.02	6.99	7.05
PCB-1260 Peak 7	7.16	7.13	7.19
PCB-1260 Peak 8	8.12	8.09	8.15

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0042300-007
Operator ID: Instrument ID: CPESTGC11
Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.534	1.534	0.000	47837155	20.0	20.0	
2	1.367	1.367	0.000	41401410	20.0	20.0	M
						RPD = 0.00	
5 PCB-1016							M
1	2.997	2.998	-0.001	38768946	1000.0	985.8	
1	3.466	3.465	0.001	82720292	1000.0	1069.2	
1	3.739	3.738	0.001	32806436	1000.0	973.8	
1	3.985	3.985	0.000	166195021	1000.0	1052.7	
1	4.142	4.142	0.000	68964876	1000.0	1036.2	
1	4.384	4.384	0.000	37080461	1000.0	1083.7	
1	4.683	4.684	-0.001	54434962	1000.0	1024.4	
1	4.821	4.822	-0.001	53992949	1000.0	918.8	
		Average of Peak Amounts =				1018.1	
2	2.360	2.360	0.000	33815992	1000.0	984.4	
2	2.717	2.718	-0.001	74744319	1000.0	1114.0	
2	2.920	2.921	-0.001	49986897	1000.0	1115.9	
2	3.195	3.194	0.001	166914488	1000.0	1119.6	
2	3.333	3.333	0.000	69786287	1000.0	1133.2	
2	3.397	3.397	0.000	41293237	1000.0	1085.7	
2	3.770	3.770	0.000	67501609	1000.0	1081.3	
2	3.860	3.860	0.000	36349734	1000.0	1043.4	M
		Average of Peak Amounts =				1084.7	
						RPD = 6.34	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	5.996	5.996	0.000	49256236	1000.0	973.7	
1	6.210	6.211	-0.001	111683003	1000.0	1049.8	
1	6.521	6.521	0.000	127496396	1000.0	1025.5	
1	7.225	7.228	-0.003	90112541	1000.0	901.3	
1	7.734	7.735	-0.001	105956793	1000.0	961.2	
1	8.228	8.230	-0.002	218179687	1000.0	942.6	
1	8.963	8.960	0.003	166147295	1000.0	958.6	
1	9.978	9.979	-0.001	55212855	1000.0	860.9	
		Average of Peak Amounts =				959.2	
2	5.090	5.091	-0.001	96592775	1000.0	1075.2	M
2	5.708	5.708	0.000	177512496	1000.0	1143.9	M
2	5.855	5.855	0.000	85359198	1000.0	902.3	M
2	6.163	6.162	0.001	92577897	1000.0	963.7	M
2	6.600	6.600	0.000	207530422	1000.0	974.6	M
2	7.018	7.019	-0.001	116967266	1000.0	1067.1	
2	7.161	7.160	0.001	54307419	1000.0	869.1	
2	8.120	8.119	0.001	55167402	1000.0	897.0	
		Average of Peak Amounts =				986.6	
						RPD = 2.82	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

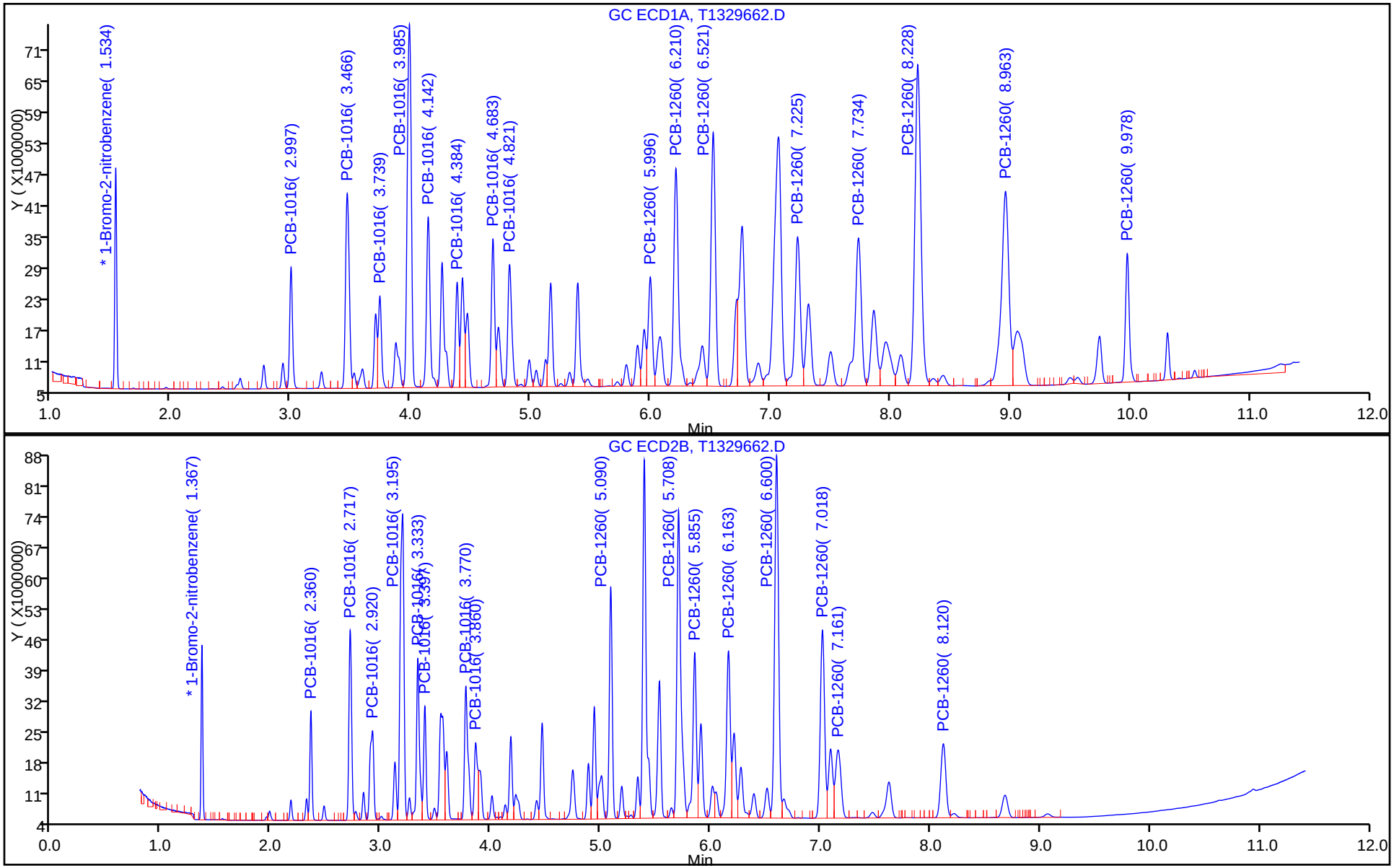
SGPCBICV_00018	Amount Added: 1.00	Units: mL	
SGPCBISTD_00006	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Jun-2016 09:11:35 Chrom Revision: 2.2 20-Apr-2016 13:59:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date:	17-Jun-2016 18:02:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0151		918	1000	-8.2	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0295		913	1000	-8.7	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0122		863	1000	-13.7	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0602		912	1000	-8.8	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0251		900	1000	-10.0	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0132		925	1000	-7.5	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0202		911	1000	-8.9	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0230		936	1000	-6.4	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0197		931	1000	-6.9	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0405		910	1000	-9.0	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0470		905	1000	-9.5	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0383		917	1000	-8.3	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0420		910	1000	-9.0	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0876		905	1000	-9.5	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0644		889	1000	-11.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0249		927	1000	-7.3	20.0
Tetrachloro-m-xylene	Ave	0.8815	0.8482		96.2	100	-3.8	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6560		91.7	100	-8.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.89	2.95
PCB-1016 Peak 2	3.39	3.36	3.42
PCB-1016 Peak 3	3.66	3.63	3.69
PCB-1016 Peak 4	3.90	3.87	3.93
PCB-1016 Peak 5	4.06	4.03	4.09
PCB-1016 Peak 6	4.30	4.27	4.33
PCB-1016 Peak 7	4.60	4.57	4.63
PCB-1016 Peak 8	4.73	4.70	4.76
PCB-1260 Peak 1	5.89	5.86	5.92
PCB-1260 Peak 2	6.10	6.07	6.13
PCB-1260 Peak 3	6.40	6.37	6.43
PCB-1260 Peak 4	7.09	7.06	7.12
PCB-1260 Peak 5	7.58	7.55	7.61
PCB-1260 Peak 6	8.07	8.04	8.10
PCB-1260 Peak 7	8.79	8.76	8.82
PCB-1260 Peak 8	9.88	9.85	9.91
Tetrachloro-m-xylene	2.36	2.33	2.39
DCB Decachlorobiphenyl	10.45	10.42	10.48

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Oct-2016 13:23:53 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	53483706	20.0	20.0	
2	1.319	1.319	0.000	54263474	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	226833739	100.0	96.2	
2	1.930	1.930	0.000	252780561	100.0	103.8	
						RPD = 7.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	40344861	1000.0	917.6	
1	3.386	3.386	0.000	78979956	1000.0	913.1	
1	3.655	3.655	0.000	32487548	1000.0	862.5	
1	3.901	3.901	0.000	161046341	1000.0	912.4	
1	4.056	4.056	0.000	66977002	1000.0	900.1	
1	4.297	4.297	0.000	35394913	1000.0	925.2	
1	4.595	4.595	0.000	54108919	1000.0	910.8	
1	4.733	4.733	0.000	61518002	1000.0	936.4	
		Average of Peak Amounts =				909.7	
2	2.280	2.280	0.000	44994096	1000.0	999.4	
2	2.630	2.630	0.000	88131605	1000.0	1002.1	
2	2.829	2.829	0.000	59525630	1000.0	1013.9	
2	3.100	3.100	0.000	194890353	1000.0	997.4	
2	3.238	3.238	0.000	81290402	1000.0	1007.1	
2	3.300	3.300	0.000	49319362	1000.0	989.3	
2	3.670	3.670	0.000	79823371	1000.0	975.6	
2	3.760	3.760	0.000	51965606	1000.0	1138.1	
		Average of Peak Amounts =				1015.4	
						RPD = 10.97	
8 PCB-1260							
1	5.890	5.890	0.000	52638414	1000.0	930.7	
1	6.098	6.098	0.000	108237515	1000.0	910.0	
1	6.402	6.402	0.000	125780888	1000.0	904.9	
1	7.090	7.090	0.000	102508429	1000.0	917.1	
1	7.584	7.584	0.000	112206064	1000.0	910.4	
1	8.070	8.070	0.000	234129777	1000.0	904.7	
1	8.788	8.788	0.000	172248100	1000.0	888.9	
1	9.876	9.876	0.000	66494163	1000.0	927.3	
		Average of Peak Amounts =				911.7	
2	4.980	4.980	0.000	117960372	1000.0	1001.8	
2	5.589	5.589	0.000	202405349	1000.0	995.2	
2	5.730	5.730	0.000	119114399	1000.0	960.6	
2	6.029	6.029	0.000	121325831	1000.0	963.6	
2	6.457	6.457	0.000	297196169	1000.0	1064.8	
2	6.863	6.863	0.000	134667690	1000.0	937.3	
2	7.002	7.002	0.000	83548738	1000.0	1020.1	
2	7.936	7.936	0.000	87100688	1000.0	1080.5	
		Average of Peak Amounts =				1003.0	
						RPD = 9.53	
$ 11 DCB Decachlorobiphenyl							
1	10.453	10.453	0.000	175431390	100.0	91.7	
2	8.864	8.864	0.000	261718919	100.0	100.2	
						RPD = 8.86	

Reagents:

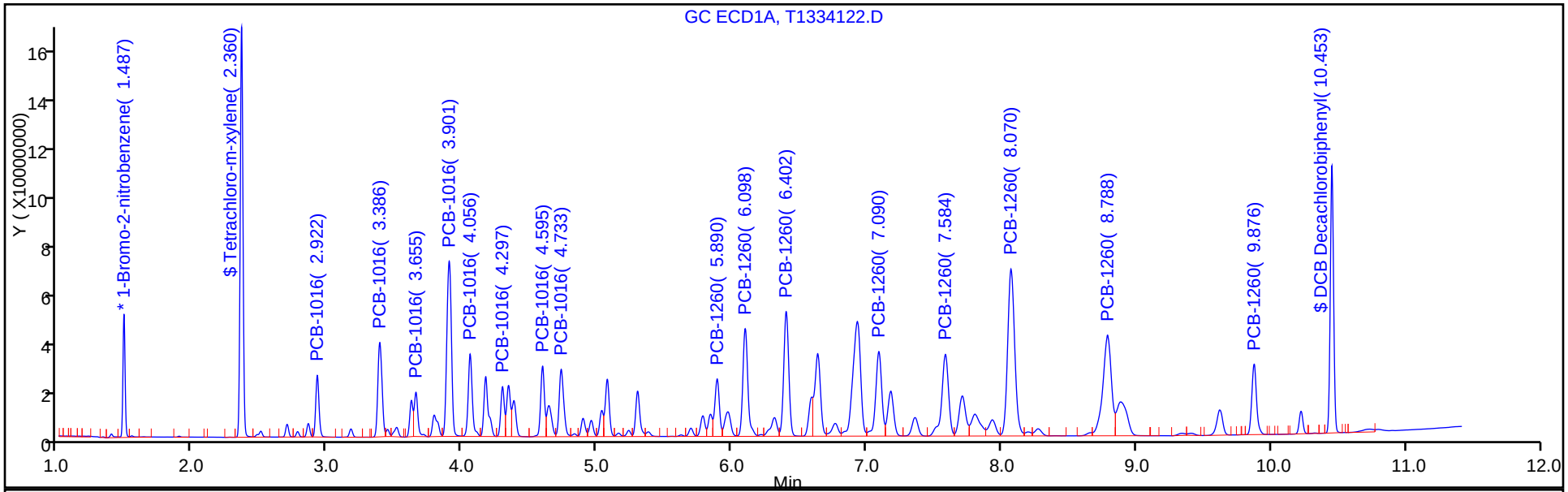
SG1660L3_00029 Amount Added: 1.00 Units: mL
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

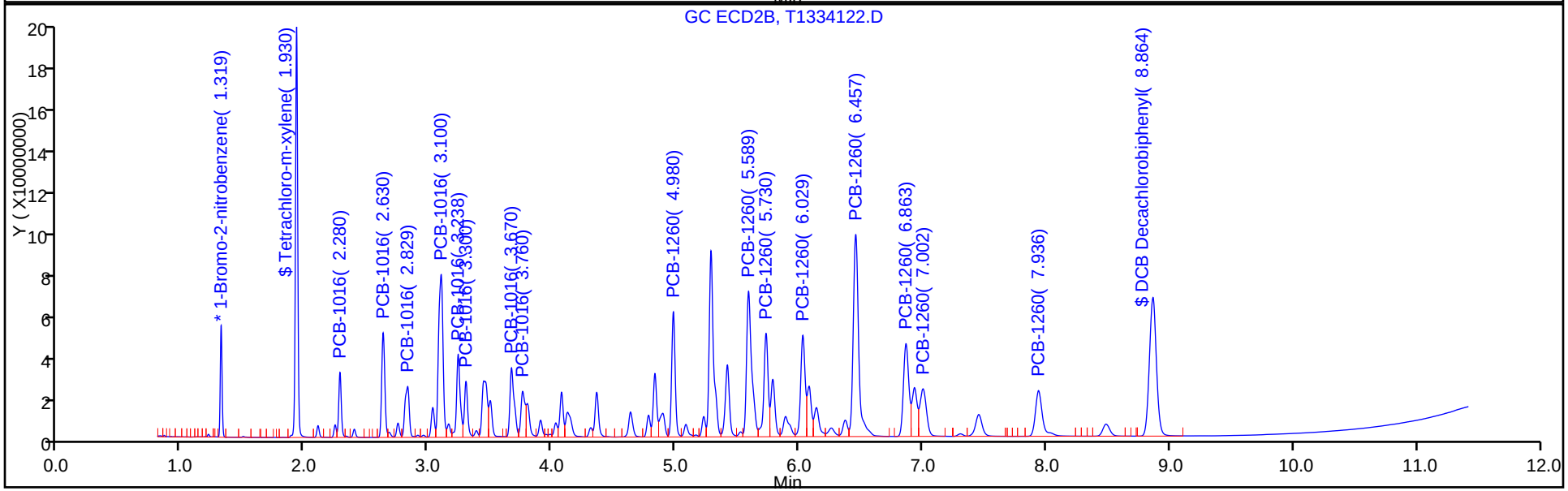
Report Date: 05-Oct-2016 10:43:06 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D

Injection Date:	04-Oct-2016 13:23:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0166	0.0166		999	1000	-0.0	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0325		1000	1000	0.2	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0219		1010	1000	1.4	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0718		997	1000	-0.3	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0300		1010	1000	0.7	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0182		989	1000	-1.1	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0294		976	1000	-2.4	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0192		1140	1000	13.8	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0435		1000	1000	0.2	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0746		995	1000	-0.5	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0439		961	1000	-3.9	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0447		964	1000	-3.6	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1095		1060	1000	6.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0496		937	1000	-6.3	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0308		1020	1000	2.0	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0321		1080	1000	8.0	20.0
Tetrachloro-m-xylene	Ave	0.8978	0.9317		104	100	3.8	20.0
DCB Decachlorobiphenyl	Ave	0.9626	0.9646		100	100	0.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-394836/2 Calibration Date: 10/04/2016 13:23

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334122.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.28	2.25	2.31
PCB-1016 Peak 2	2.63	2.60	2.66
PCB-1016 Peak 3	2.83	2.80	2.86
PCB-1016 Peak 4	3.10	3.07	3.13
PCB-1016 Peak 5	3.24	3.21	3.27
PCB-1016 Peak 6	3.30	3.27	3.33
PCB-1016 Peak 7	3.67	3.64	3.70
PCB-1016 Peak 8	3.76	3.73	3.79
PCB-1260 Peak 1	4.98	4.95	5.01
PCB-1260 Peak 2	5.59	5.56	5.62
PCB-1260 Peak 3	5.73	5.70	5.76
PCB-1260 Peak 4	6.03	6.00	6.06
PCB-1260 Peak 5	6.46	6.43	6.49
PCB-1260 Peak 6	6.86	6.83	6.89
PCB-1260 Peak 7	7.00	6.97	7.03
PCB-1260 Peak 8	7.94	7.91	7.97
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-Oct-2016 13:23:53 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.487	1.487	0.000	53483706	20.0	20.0	
2	1.319	1.319	0.000	54263474	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.360	0.000	226833739	100.0	96.2	
2	1.930	1.930	0.000	252780561	100.0	103.8	
						RPD = 7.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	40344861	1000.0	917.6	
1	3.386	3.386	0.000	78979956	1000.0	913.1	
1	3.655	3.655	0.000	32487548	1000.0	862.5	
1	3.901	3.901	0.000	161046341	1000.0	912.4	
1	4.056	4.056	0.000	66977002	1000.0	900.1	
1	4.297	4.297	0.000	35394913	1000.0	925.2	
1	4.595	4.595	0.000	54108919	1000.0	910.8	
1	4.733	4.733	0.000	61518002	1000.0	936.4	
		Average of Peak Amounts =				909.7	
2	2.280	2.280	0.000	44994096	1000.0	999.4	
2	2.630	2.630	0.000	88131605	1000.0	1002.1	
2	2.829	2.829	0.000	59525630	1000.0	1013.9	
2	3.100	3.100	0.000	194890353	1000.0	997.4	
2	3.238	3.238	0.000	81290402	1000.0	1007.1	
2	3.300	3.300	0.000	49319362	1000.0	989.3	
2	3.670	3.670	0.000	79823371	1000.0	975.6	
2	3.760	3.760	0.000	51965606	1000.0	1138.1	
		Average of Peak Amounts =				1015.4	
						RPD = 10.97	
8 PCB-1260							
1	5.890	5.890	0.000	52638414	1000.0	930.7	
1	6.098	6.098	0.000	108237515	1000.0	910.0	
1	6.402	6.402	0.000	125780888	1000.0	904.9	
1	7.090	7.090	0.000	102508429	1000.0	917.1	
1	7.584	7.584	0.000	112206064	1000.0	910.4	
1	8.070	8.070	0.000	234129777	1000.0	904.7	
1	8.788	8.788	0.000	172248100	1000.0	888.9	
1	9.876	9.876	0.000	66494163	1000.0	927.3	
		Average of Peak Amounts =				911.7	
2	4.980	4.980	0.000	117960372	1000.0	1001.8	
2	5.589	5.589	0.000	202405349	1000.0	995.2	
2	5.730	5.730	0.000	119114399	1000.0	960.6	
2	6.029	6.029	0.000	121325831	1000.0	963.6	
2	6.457	6.457	0.000	297196169	1000.0	1064.8	
2	6.863	6.863	0.000	134667690	1000.0	937.3	
2	7.002	7.002	0.000	83548738	1000.0	1020.1	
2	7.936	7.936	0.000	87100688	1000.0	1080.5	
		Average of Peak Amounts =				1003.0	
						RPD = 9.53	
$ 11 DCB Decachlorobiphenyl							
1	10.453	10.453	0.000	175431390	100.0	91.7	
2	8.864	8.864	0.000	261718919	100.0	100.2	
						RPD = 8.86	

Reagents:

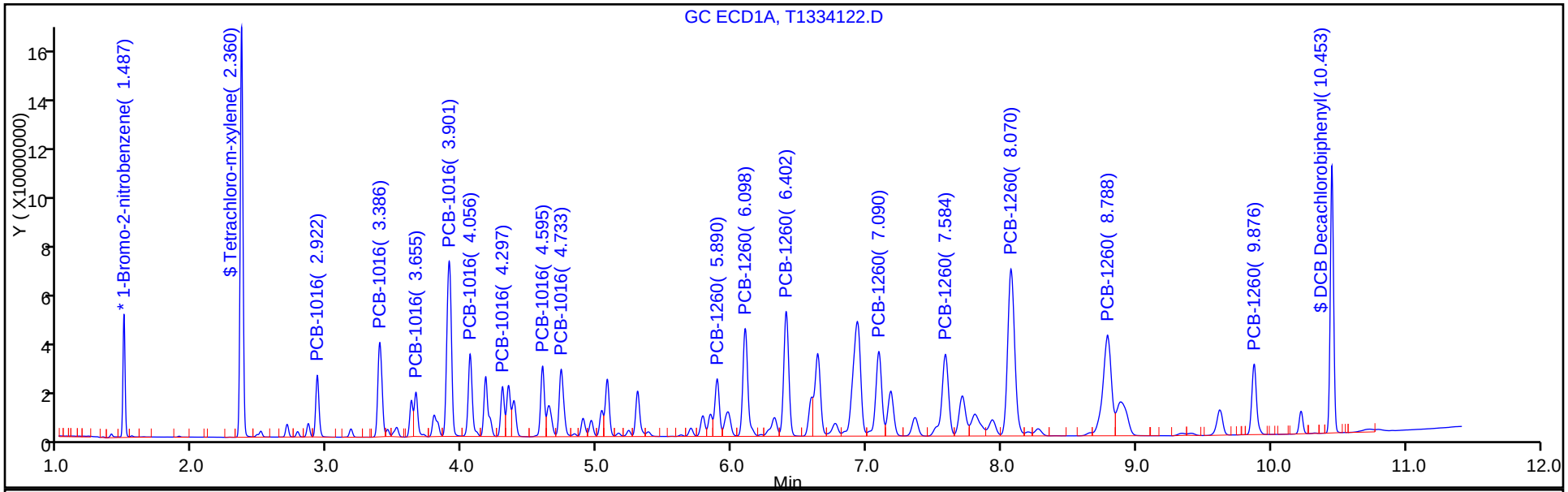
SG1660L3_00029 Amount Added: 1.00 Units: mL
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

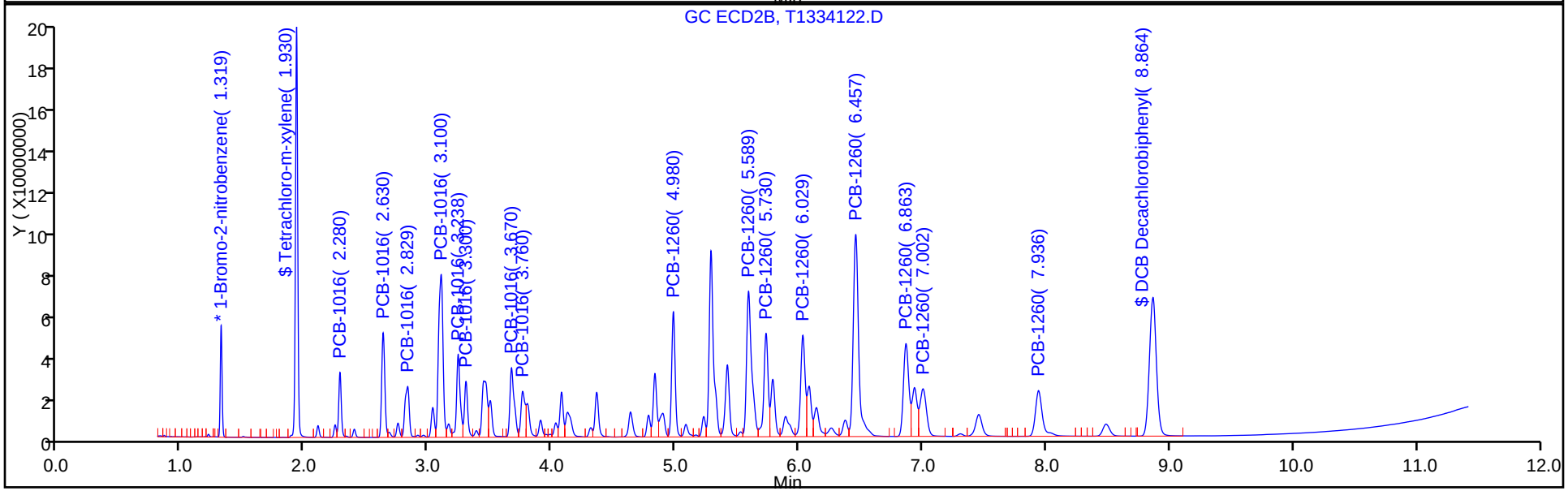
Report Date: 05-Oct-2016 10:43:08 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334122.D

Injection Date:	04-Oct-2016 13:23:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0164	0.0153		931	1000	-6.9	20.0
PCB-1016 Peak 2	Ave	0.0323	0.0302		935	1000	-6.5	20.0
PCB-1016 Peak 3	Ave	0.0141	0.0120		851	1000	-14.9	20.0
PCB-1016 Peak 4	Ave	0.0660	0.0616		933	1000	-6.7	20.0
PCB-1016 Peak 5	Ave	0.0278	0.0257		922	1000	-7.8	20.0
PCB-1016 Peak 6	Ave	0.0143	0.0135		946	1000	-5.4	20.0
PCB-1016 Peak 7	Ave	0.0222	0.0205		921	1000	-7.9	20.0
PCB-1016 Peak 8	Ave	0.0246	0.0233		947	1000	-5.3	20.0
PCB-1260 Peak 1	Ave	0.0211	0.0198		934	1000	-6.6	20.0
PCB-1260 Peak 2	Ave	0.0445	0.0410		921	1000	-7.9	20.0
PCB-1260 Peak 3	Ave	0.0520	0.0473		909	1000	-9.1	20.0
PCB-1260 Peak 4	Ave	0.0418	0.0383		917	1000	-8.3	20.0
PCB-1260 Peak 5	Ave	0.0461	0.0416		903	1000	-9.7	20.0
PCB-1260 Peak 6	Ave	0.0968	0.0866		895	1000	-10.5	20.0
PCB-1260 Peak 7	Ave	0.0725	0.0637		879	1000	-12.1	20.0
PCB-1260 Peak 8	Ave	0.0268	0.0237		885	1000	-11.5	20.0
Tetrachloro-m-xylene	Ave	0.8815	0.8576		97.3	100	-2.7	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6440		90.0	100	-10.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.92	2.89	2.95
PCB-1016 Peak 2	3.39	3.36	3.42
PCB-1016 Peak 3	3.66	3.63	3.69
PCB-1016 Peak 4	3.90	3.87	3.93
PCB-1016 Peak 5	4.06	4.03	4.09
PCB-1016 Peak 6	4.30	4.27	4.33
PCB-1016 Peak 7	4.60	4.57	4.63
PCB-1016 Peak 8	4.74	4.71	4.77
PCB-1260 Peak 1	5.90	5.87	5.93
PCB-1260 Peak 2	6.10	6.07	6.13
PCB-1260 Peak 3	6.41	6.38	6.44
PCB-1260 Peak 4	7.10	7.07	7.13
PCB-1260 Peak 5	7.59	7.56	7.62
PCB-1260 Peak 6	8.08	8.05	8.11
PCB-1260 Peak 7	8.80	8.77	8.83
PCB-1260 Peak 8	9.88	9.85	9.91
Tetrachloro-m-xylene	2.36	2.33	2.39
DCB Decachlorobiphenyl	10.46	10.43	10.49

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Oct-2016 06:37:18 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:56:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.490	1.490	0.000	55915806	20.0	20.0	
2	1.320	1.320	0.000	57555136	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.363	2.363	0.000	239764108	100.0	97.3	
2	1.930	1.930	0.000	270150889	100.0	104.6	
						RPD = 7.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.924	2.924	0.000	42814380	1000.0	931.4	
1	3.388	3.388	0.000	84543167	1000.0	934.9	
1	3.656	3.656	0.000	33524256	1000.0	851.3	
1	3.904	3.904	0.000	172196232	1000.0	933.1	
1	4.060	4.060	0.000	71721550	1000.0	921.9	
1	4.300	4.300	0.000	37849496	1000.0	946.3	
1	4.598	4.598	0.000	57207294	1000.0	921.0	
1	4.735	4.735	0.000	65071650	1000.0	947.4	
		Average of Peak Amounts =				923.4	
2	2.281	2.281	0.000	47310912	1000.0	990.7	
2	2.630	2.630	0.000	93314744	1000.0	1000.4	
2	2.829	2.829	0.000	61738906	1000.0	991.4	
2	3.100	3.100	0.000	207054844	1000.0	999.0	
2	3.237	3.237	0.000	85781081	1000.0	1002.0	
2	3.301	3.301	0.000	51767633	1000.0	979.1	
2	3.670	3.670	0.000	84772822	1000.0	976.8	M
2	3.759	3.759	0.000	53733047	1000.0	1109.5	M
		Average of Peak Amounts =				1006.1	
						RPD = 8.57	
8 PCB-1260							
1	5.895	5.895	0.000	55203847	1000.0	933.6	
1	6.102	6.102	0.000	114488882	1000.0	920.7	
1	6.408	6.408	0.000	132158577	1000.0	909.4	
1	7.096	7.096	0.000	107199589	1000.0	917.3	
1	7.590	7.590	0.000	116322921	1000.0	902.7	
1	8.077	8.077	0.000	242070250	1000.0	894.7	
1	8.795	8.795	0.000	178013518	1000.0	878.6	
1	9.880	9.880	0.000	66329465	1000.0	884.8	
		Average of Peak Amounts =				905.2	
2	4.980	4.980	0.000	123753491	1000.0	990.9	
2	5.590	5.590	0.000	208897729	1000.0	968.3	
2	5.731	5.731	0.000	121955522	1000.0	927.3	
2	6.029	6.029	0.000	125318372	1000.0	938.4	
2	6.456	6.456	0.000	303577066	1000.0	1025.5	
2	6.865	6.865	0.000	138239235	1000.0	907.2	
2	7.002	7.002	0.000	84848100	1000.0	976.7	
2	7.937	7.937	0.000	87167086	1000.0	1019.5	
		Average of Peak Amounts =				969.2	
						RPD = 6.83	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	180061356	100.0	90.0	
2	8.864	8.864	0.000	268874582	100.0	97.1	
						RPD = 7.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

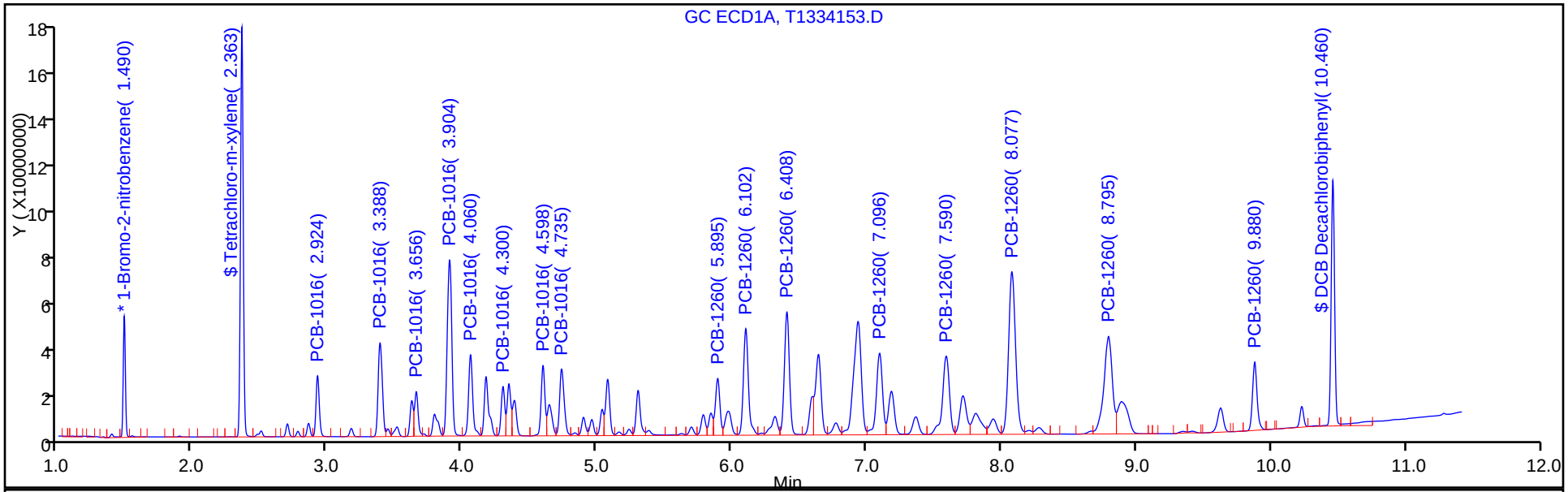
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

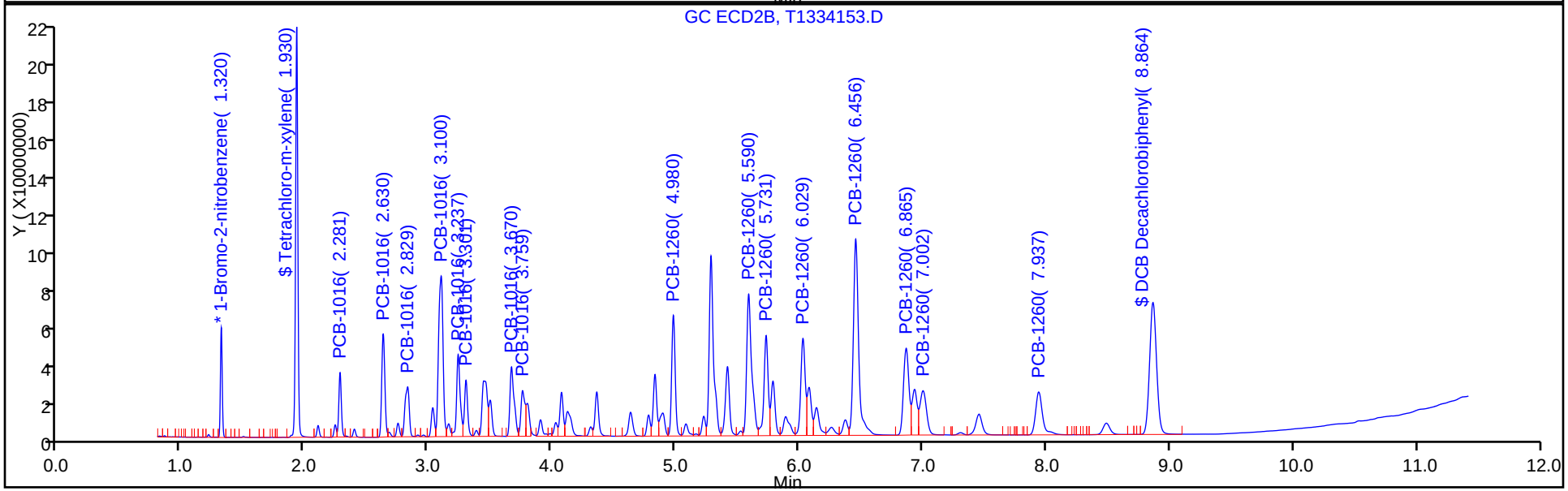
Report Date: 05-Oct-2016 11:09:26 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D

Injection Date:	05-Oct-2016 06:37:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0166	0.0164		991	1000	-0.9	20.0
PCB-1016 Peak 2	Ave	0.0324	0.0324		1000	1000	0.0	20.0
PCB-1016 Peak 3	Ave	0.0216	0.0215		991	1000	-0.9	20.0
PCB-1016 Peak 4	Ave	0.0720	0.0720		999	1000	-0.1	20.0
PCB-1016 Peak 5	Ave	0.0297	0.0298		1000	1000	0.2	20.0
PCB-1016 Peak 6	Ave	0.0184	0.0180		979	1000	-2.1	20.0
PCB-1016 Peak 7	Ave	0.0302	0.0295		977	1000	-2.3	20.0
PCB-1016 Peak 8	Ave	0.0168	0.0187		1110	1000	11.0	20.0
PCB-1260 Peak 1	Ave	0.0434	0.0430		991	1000	-0.9	20.0
PCB-1260 Peak 2	Ave	0.0750	0.0726		968	1000	-3.2	20.0
PCB-1260 Peak 3	Ave	0.0457	0.0424		927	1000	-7.3	20.0
PCB-1260 Peak 4	Ave	0.0464	0.0436		938	1000	-6.2	20.0
PCB-1260 Peak 5	Ave	0.1029	0.1055		1030	1000	2.5	20.0
PCB-1260 Peak 6	Ave	0.0530	0.0480		907	1000	-9.3	20.0
PCB-1260 Peak 7	Ave	0.0302	0.0295		977	1000	-2.3	20.0
PCB-1260 Peak 8	Ave	0.0297	0.0303		1020	1000	1.9	20.0
Tetrachloro-m-xylene	Ave	0.8978	0.9388		105	100	4.6	20.0
DCB Decachlorobiphenyl	Ave	0.9626	0.9343		97.1	100	-2.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCVIS 460-395004/2 Calibration Date: 10/05/2016 06:37

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334153.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.28	2.25	2.31
PCB-1016 Peak 2	2.63	2.60	2.66
PCB-1016 Peak 3	2.83	2.80	2.86
PCB-1016 Peak 4	3.10	3.07	3.13
PCB-1016 Peak 5	3.24	3.21	3.27
PCB-1016 Peak 6	3.30	3.27	3.33
PCB-1016 Peak 7	3.67	3.64	3.70
PCB-1016 Peak 8	3.76	3.73	3.79
PCB-1260 Peak 1	4.98	4.95	5.01
PCB-1260 Peak 2	5.59	5.56	5.62
PCB-1260 Peak 3	5.73	5.70	5.76
PCB-1260 Peak 4	6.03	6.00	6.06
PCB-1260 Peak 5	6.46	6.43	6.49
PCB-1260 Peak 6	6.87	6.84	6.90
PCB-1260 Peak 7	7.00	6.97	7.03
PCB-1260 Peak 8	7.94	7.91	7.97
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 05-Oct-2016 06:37:18 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:25 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 06:56:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.490	1.490	0.000	55915806	20.0	20.0	
2	1.320	1.320	0.000	57555136	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.363	2.363	0.000	239764108	100.0	97.3	
2	1.930	1.930	0.000	270150889	100.0	104.6	
						RPD = 7.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.924	2.924	0.000	42814380	1000.0	931.4	
1	3.388	3.388	0.000	84543167	1000.0	934.9	
1	3.656	3.656	0.000	33524256	1000.0	851.3	
1	3.904	3.904	0.000	172196232	1000.0	933.1	
1	4.060	4.060	0.000	71721550	1000.0	921.9	
1	4.300	4.300	0.000	37849496	1000.0	946.3	
1	4.598	4.598	0.000	57207294	1000.0	921.0	
1	4.735	4.735	0.000	65071650	1000.0	947.4	
		Average of Peak Amounts =				923.4	
2	2.281	2.281	0.000	47310912	1000.0	990.7	
2	2.630	2.630	0.000	93314744	1000.0	1000.4	
2	2.829	2.829	0.000	61738906	1000.0	991.4	
2	3.100	3.100	0.000	207054844	1000.0	999.0	
2	3.237	3.237	0.000	85781081	1000.0	1002.0	
2	3.301	3.301	0.000	51767633	1000.0	979.1	
2	3.670	3.670	0.000	84772822	1000.0	976.8	M
2	3.759	3.759	0.000	53733047	1000.0	1109.5	M
		Average of Peak Amounts =				1006.1	
						RPD = 8.57	
8 PCB-1260							
1	5.895	5.895	0.000	55203847	1000.0	933.6	
1	6.102	6.102	0.000	114488882	1000.0	920.7	
1	6.408	6.408	0.000	132158577	1000.0	909.4	
1	7.096	7.096	0.000	107199589	1000.0	917.3	
1	7.590	7.590	0.000	116322921	1000.0	902.7	
1	8.077	8.077	0.000	242070250	1000.0	894.7	
1	8.795	8.795	0.000	178013518	1000.0	878.6	
1	9.880	9.880	0.000	66329465	1000.0	884.8	
		Average of Peak Amounts =				905.2	
2	4.980	4.980	0.000	123753491	1000.0	990.9	
2	5.590	5.590	0.000	208897729	1000.0	968.3	
2	5.731	5.731	0.000	121955522	1000.0	927.3	
2	6.029	6.029	0.000	125318372	1000.0	938.4	
2	6.456	6.456	0.000	303577066	1000.0	1025.5	
2	6.865	6.865	0.000	138239235	1000.0	907.2	
2	7.002	7.002	0.000	84848100	1000.0	976.7	
2	7.937	7.937	0.000	87167086	1000.0	1019.5	
		Average of Peak Amounts =				969.2	
						RPD = 6.83	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	180061356	100.0	90.0	
2	8.864	8.864	0.000	268874582	100.0	97.1	
						RPD = 7.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

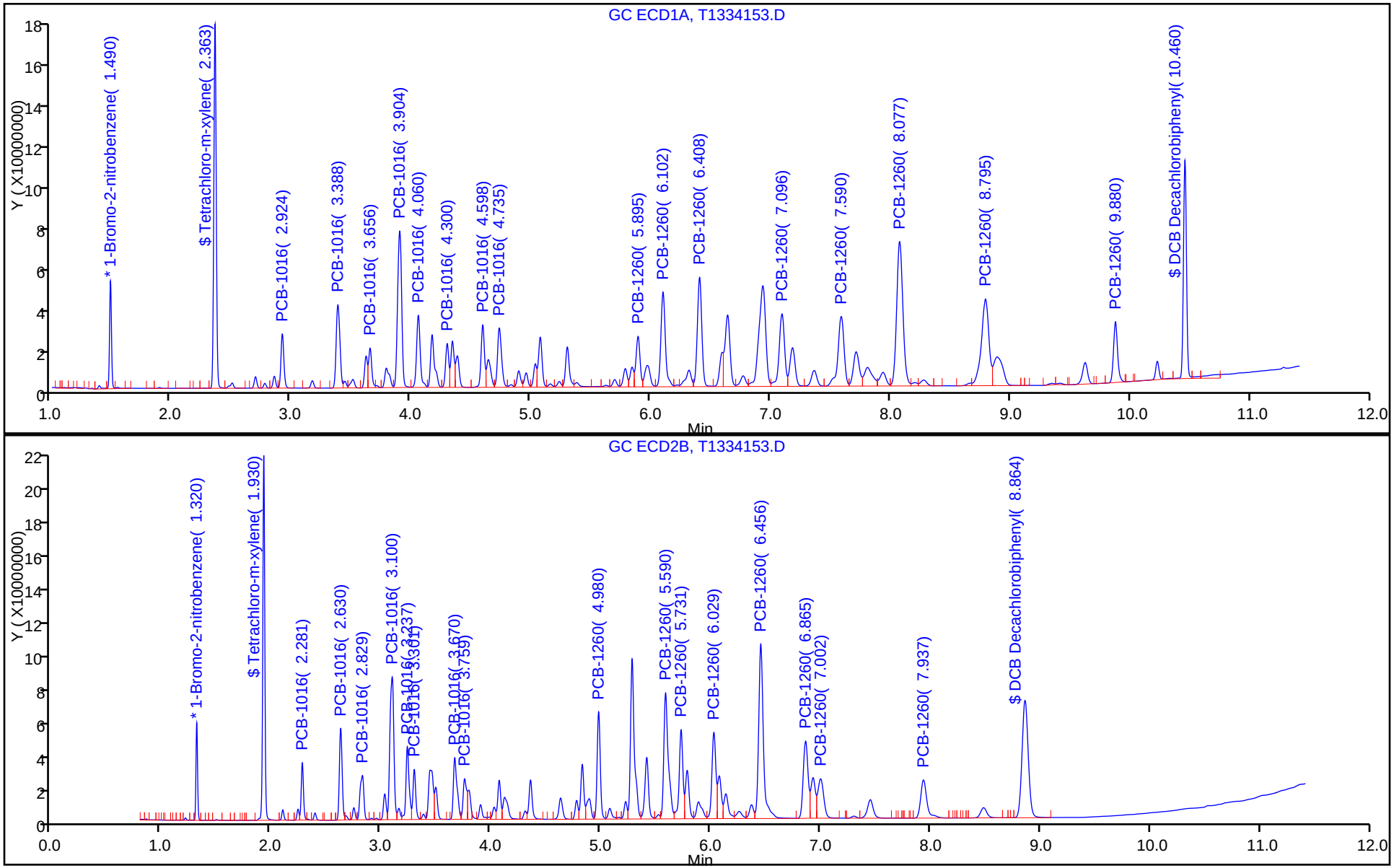
SG1660L3_00029	Amount Added:	1.00	Units: mL	
SGPCBISTD_00007	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:30 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334153.D

Injection Date:	05-Oct-2016 06:37:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8815	0.8658		98.2	100	-1.8	20.0
DCB Decachlorobiphenyl	Ave	0.7153	0.6791		94.9	100	-5.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.37	2.33	2.39
DCB Decachlorobiphenyl	10.46	10.43	10.49

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

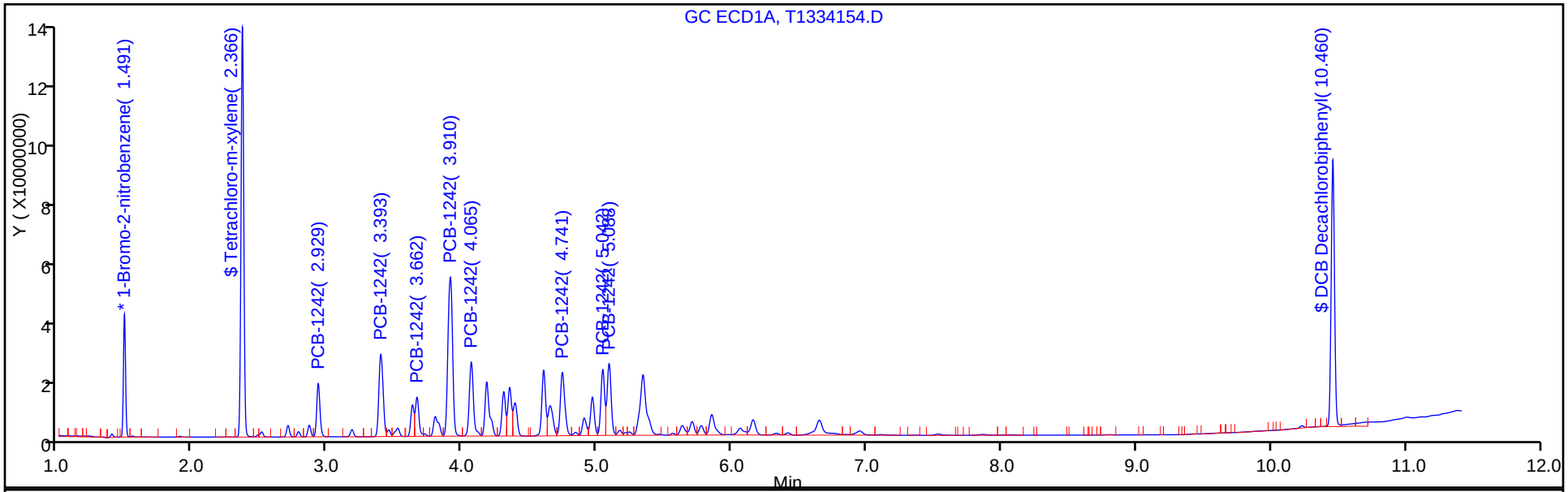
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

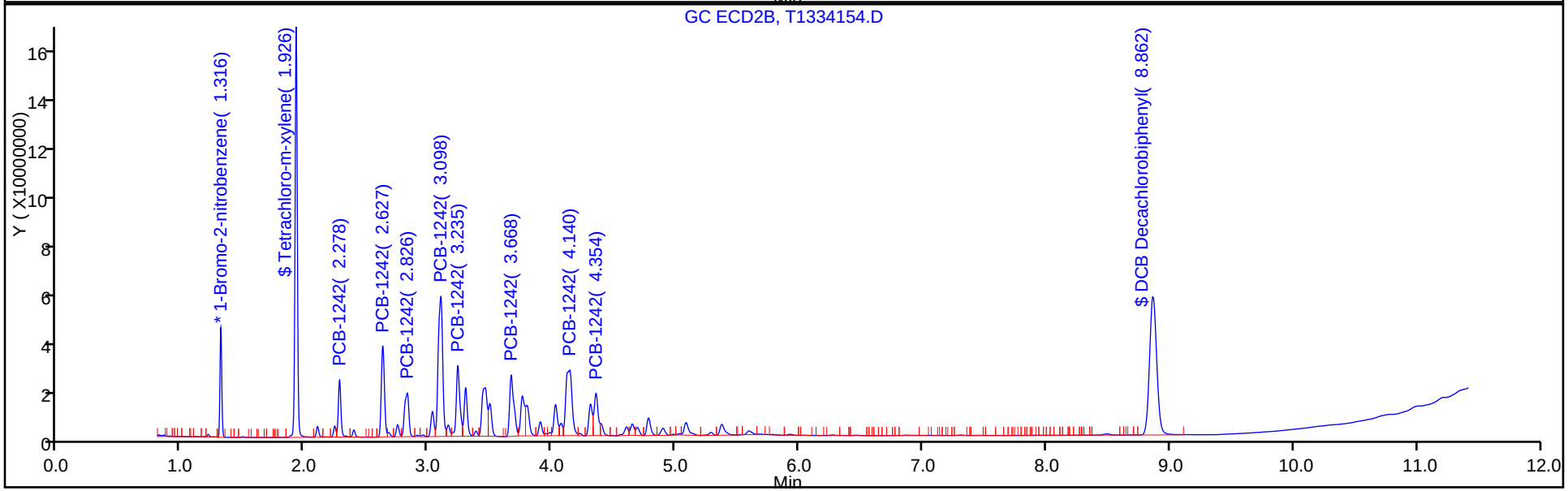
Report Date: 05-Oct-2016 11:09:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0144	0.0133		919	1000	-8.1	20.0
PCB-1242 Peak 2	Ave	0.0283	0.0265		936	1000	-6.4	20.0
PCB-1242 Peak 3	Ave	0.0113	0.0107		941	1000	-5.9	20.0
PCB-1242 Peak 4	Ave	0.0574	0.0564		982	1000	-1.8	20.0
PCB-1242 Peak 5	Ave	0.0241	0.0235		978	1000	-2.2	20.0
PCB-1242 Peak 6	Ave	0.0223	0.0216		970	1000	-3.0	20.0
PCB-1242 Peak 7	Ave	0.0200	0.0189		943	1000	-5.7	20.0
PCB-1242 Peak 8	Ave	0.0224	0.0220		985	1000	-1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.93	2.90	2.96
PCB-1242 Peak 2	3.39	3.37	3.43
PCB-1242 Peak 3	3.66	3.63	3.69
PCB-1242 Peak 4	3.91	3.88	3.94
PCB-1242 Peak 5	4.07	4.04	4.10
PCB-1242 Peak 6	4.74	4.71	4.77
PCB-1242 Peak 7	5.04	5.01	5.07
PCB-1242 Peak 8	5.09	5.06	5.12

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

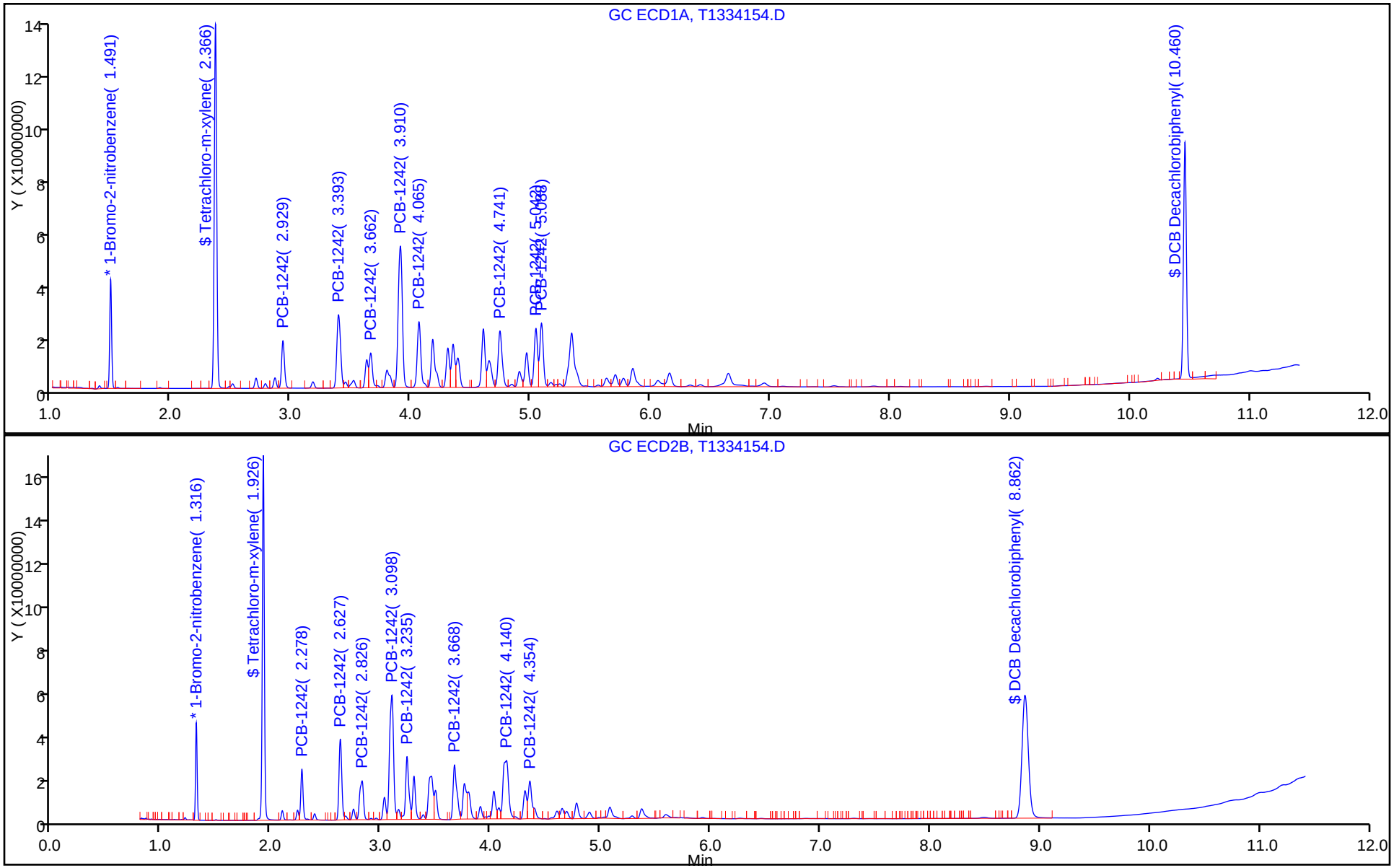
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:34 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.8978	0.9477		106	100	5.6	20.0
DCB Decachlorobiphenyl	Ave	0.9626	1.003		104	100	4.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 17:47

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	8.86	8.76	8.96

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

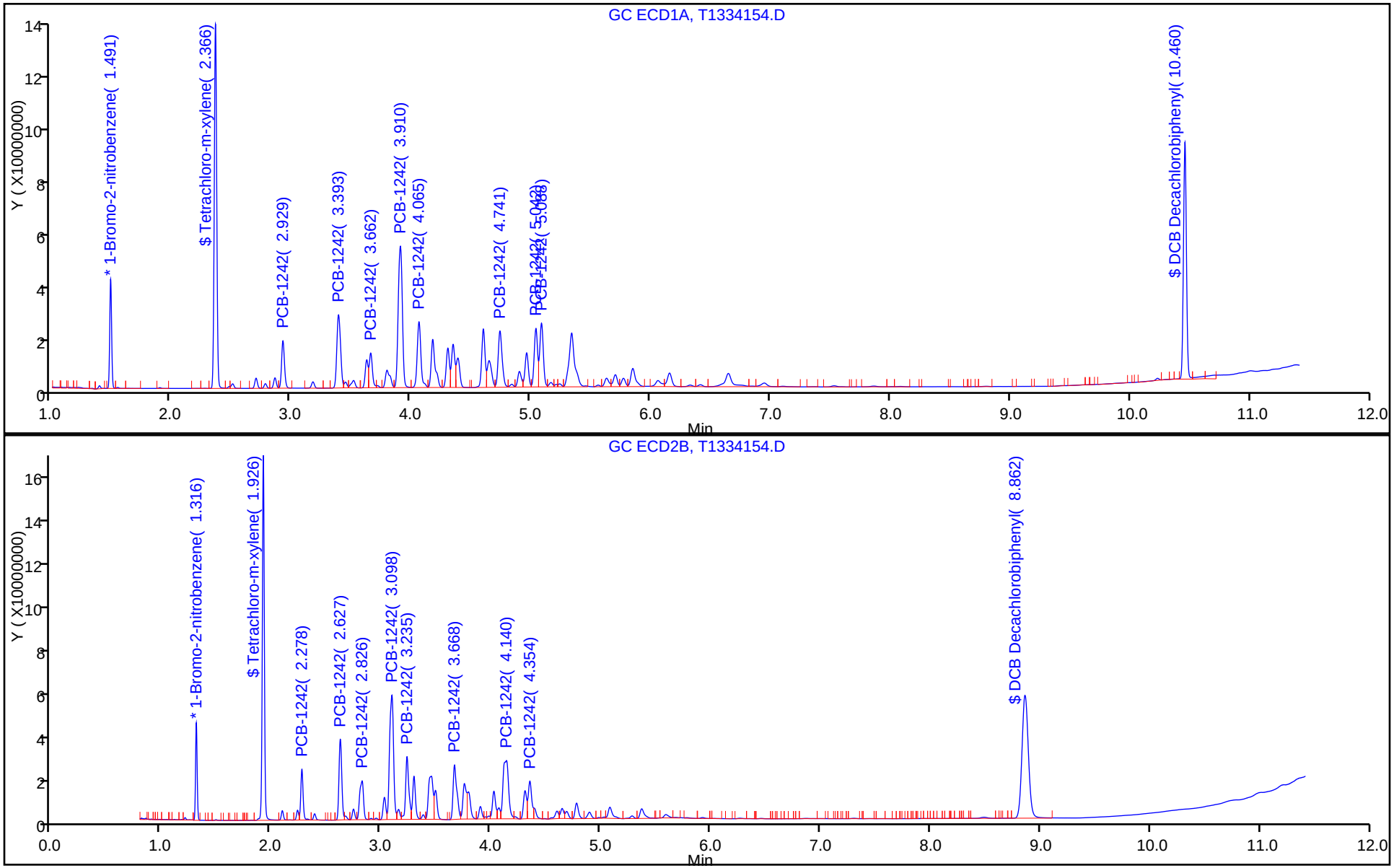
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0145	0.0151		1040	1000	4.2	20.0
PCB-1242 Peak 2	Ave	0.0284	0.0287		1010	1000	1.1	20.0
PCB-1242 Peak 3	Ave	0.0190	0.0189		996	1000	-0.4	20.0
PCB-1242 Peak 4	Ave	0.0625	0.0627		1000	1000	0.2	20.0
PCB-1242 Peak 5	Ave	0.0260	0.0259		997	1000	-0.3	20.0
PCB-1242 Peak 6	Ave	0.0261	0.0262		1000	1000	0.1	20.0
PCB-1242 Peak 7	Ave	0.0413	0.0410		994	1000	-0.6	20.0
PCB-1242 Peak 8	Ave	0.0161	0.0170		1050	1000	5.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Lab Sample ID: CCV 460-395004/3 Calibration Date: 10/05/2016 06:58

Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 18:45

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 06/17/2016 18:45

Lab File ID: T1334154.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.28	2.25	2.31
PCB-1242 Peak 2	2.63	2.60	2.66
PCB-1242 Peak 3	2.83	2.80	2.86
PCB-1242 Peak 4	3.10	3.07	3.13
PCB-1242 Peak 5	3.24	3.21	3.27
PCB-1242 Peak 6	3.67	3.64	3.70
PCB-1242 Peak 7	4.14	4.09	4.15
PCB-1242 Peak 8	4.35	4.32	4.38

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 05-Oct-2016 06:58:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-003
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:33 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:33:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.491	1.490	0.001	44045331	20.0	20.0	
2	1.316	1.320	-0.004	45213937	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.366	2.363	0.003	190662421	100.0	98.2	
2	1.926	1.930	-0.004	214236128	100.0	105.6	
						RPD = 7.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 PCB-1242							M
1	2.929	2.932	-0.003	29207098	1000.0	918.9	
1	3.393	3.396	-0.003	58329823	1000.0	935.9	
1	3.662	3.664	-0.002	23529986	1000.0	941.5	
1	3.910	3.911	-0.001	124119374	1000.0	982.0	
1	4.065	4.066	-0.001	51840054	1000.0	977.6	
1	4.741	4.741	0.000	47614687	1000.0	970.2	
1	5.042	5.041	0.001	41620517	1000.0	943.0	
1	5.088	5.088	0.000	48482888	1000.0	984.9	
		Average of Peak Amounts =				956.7	
2	2.278	2.281	-0.003	34122848	1000.0	1041.8	
2	2.627	2.631	-0.004	64944520	1000.0	1010.9	
2	2.826	2.829	-0.003	42708791	1000.0	995.9	
2	3.098	3.100	-0.002	141653170	1000.0	1002.1	
2	3.235	3.237	-0.002	58499554	1000.0	996.7	
2	3.668	3.669	-0.001	59120461	1000.0	1001.2	
2	4.140	4.122	0.018	92754480	1000.0	994.4	
2	4.354	4.353	0.001	38323343	1000.0	1051.3	M
		Average of Peak Amounts =				1011.8	
						RPD = 5.59	
$ 11 DCB Decachlorobiphenyl							
1	10.460	10.460	0.000	149545110	100.0	94.9	
2	8.862	8.864	-0.002	226658468	100.0	104.2	
						RPD = 9.27	
S 12 Polychlorinated biphenyls, Total							
1						956.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

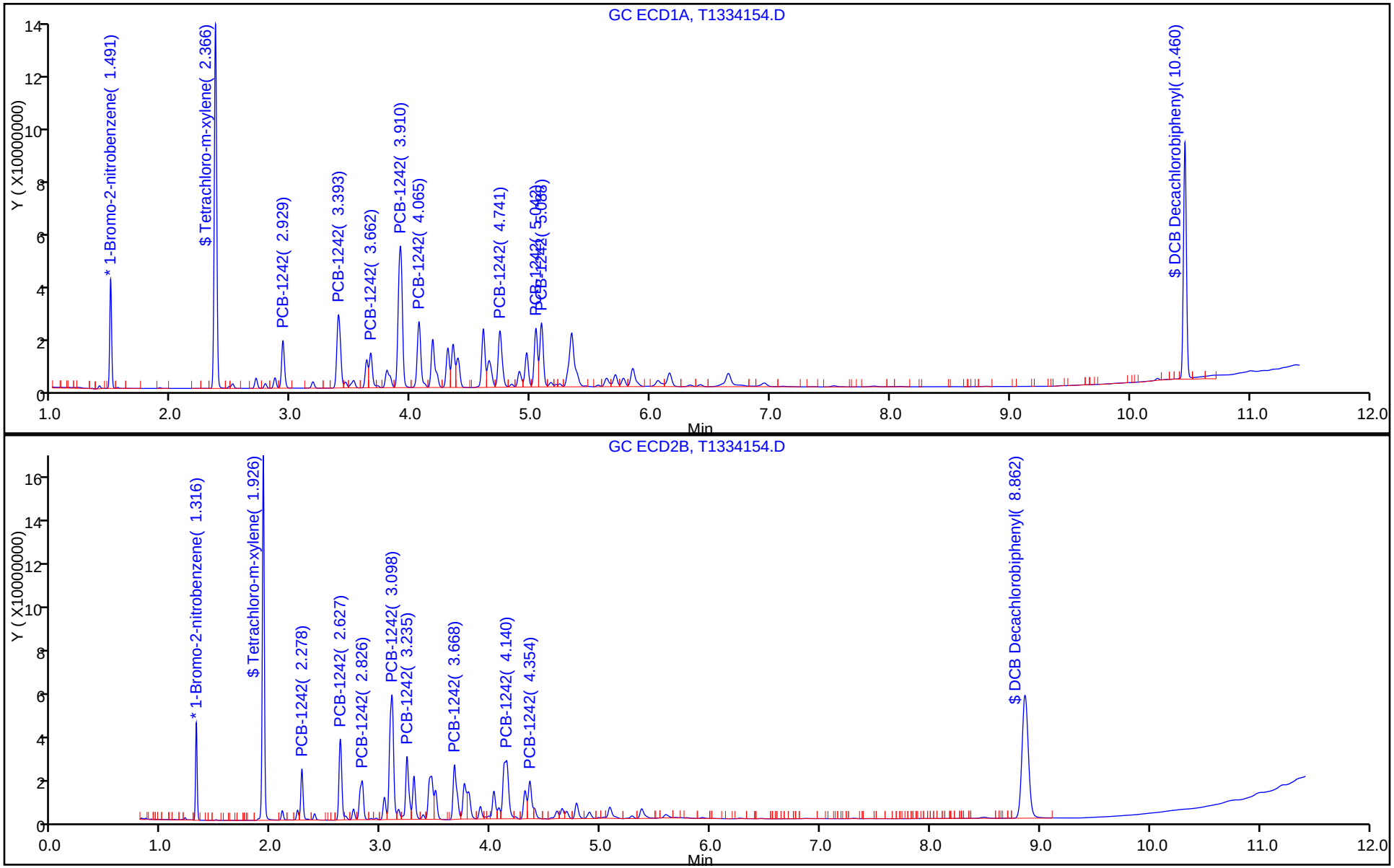
SG1242L3_00027	Amount Added: 1.00	Units: mL	
SGPCBISTD_00007	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 05-Oct-2016 11:09:36 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334154.D

Injection Date:	05-Oct-2016 06:58:43	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCV AR1242			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394557/1-A

Matrix: Water Lab File ID: T1334124.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/04/2016 14:24

Con. Extract Vol.: 1(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.: 394836 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 14:24:36 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-004
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.494	1.487	0.007	48309587	20.0	20.0	
2	1.316	1.319	-0.003	48128099	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.371	2.360	0.011	171853269	100.0	80.7	
2	1.927	1.930	-0.003	189927713	100.0	87.9	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.467	10.453	0.014	181698632	100.0	105.2	
2	8.864	8.864	0.000	262015609	100.0	113.1	
						RPD = 7.29	

Reagents:

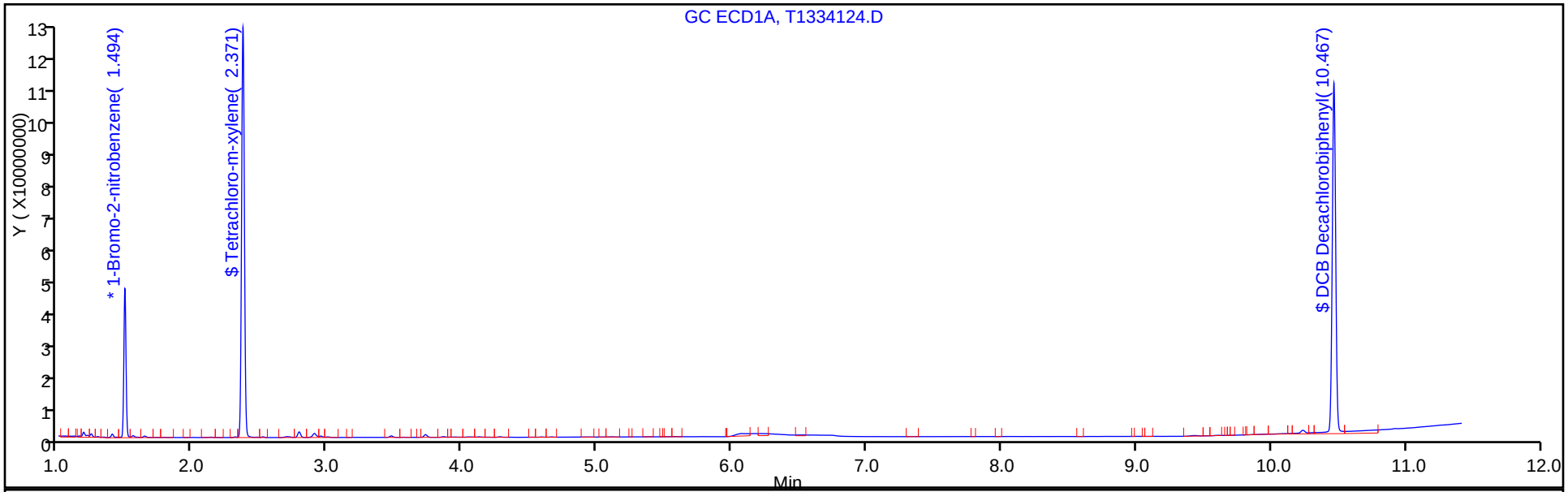
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

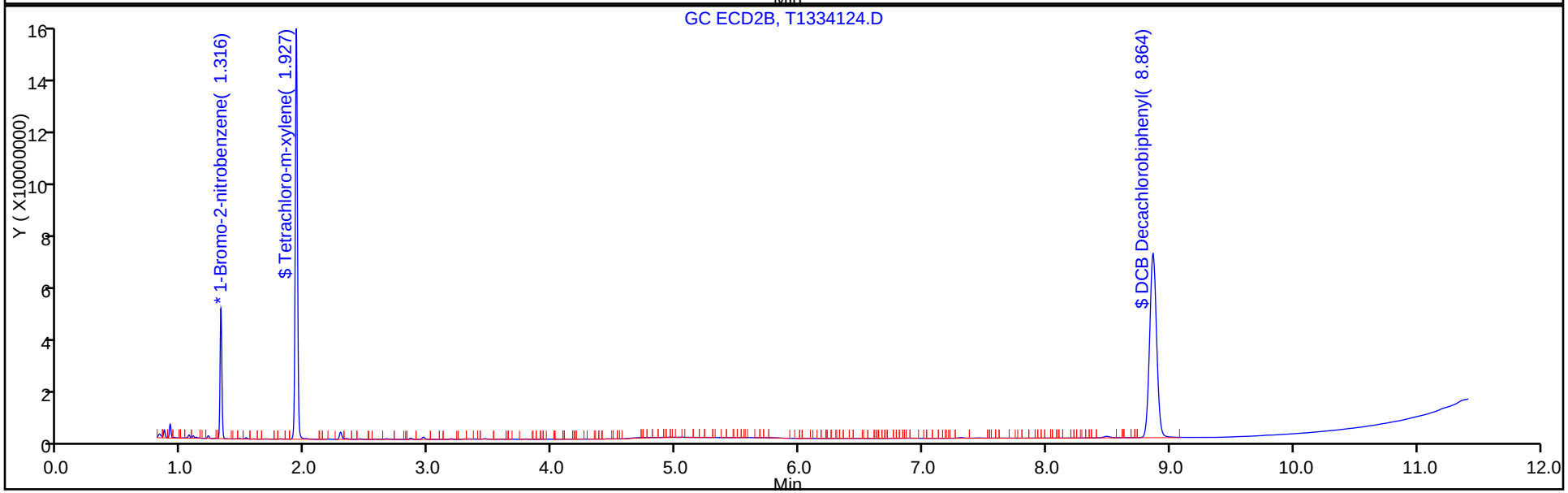
Report Date: 05-Oct-2016 10:43:14 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D

Injection Date:	04-Oct-2016 14:24:36	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394557/1-A

Matrix: Water | Lab File ID: T1334124.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-Oct-2016 14:24:36 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-004
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.494	1.487	0.007	48309587	20.0	20.0	
2	1.316	1.319	-0.003	48128099	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.371	2.360	0.011	171853269	100.0	80.7	
2	1.927	1.930	-0.003	189927713	100.0	87.9	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.467	10.453	0.014	181698632	100.0	105.2	
2	8.864	8.864	0.000	262015609	100.0	113.1	
						RPD = 7.29	

Reagents:

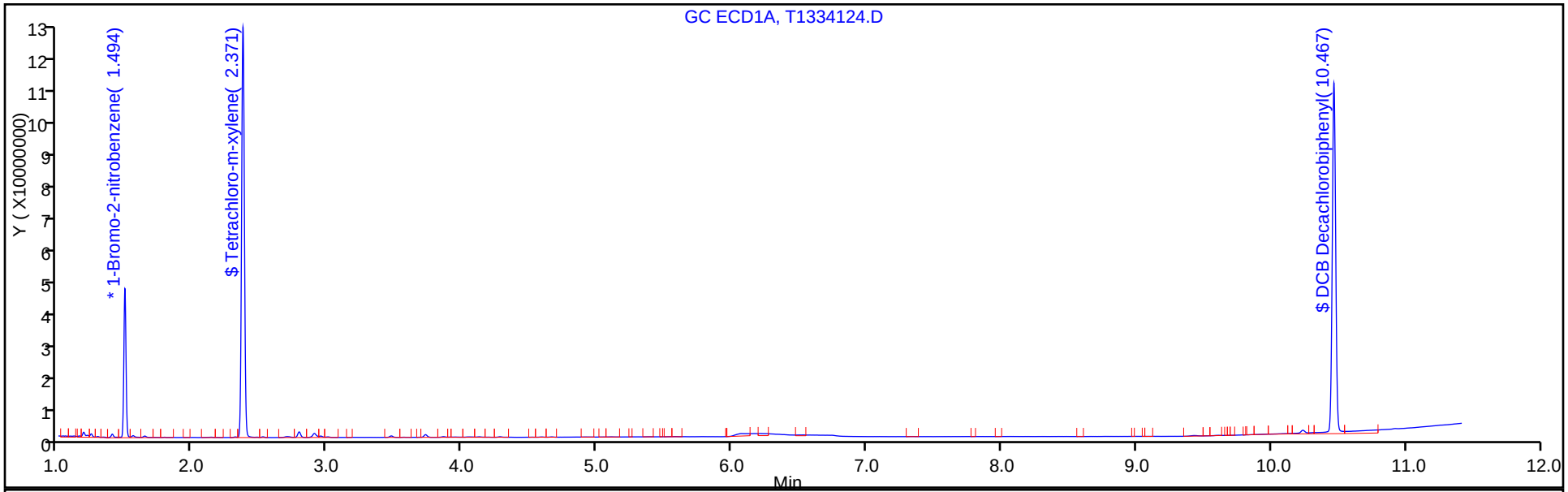
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

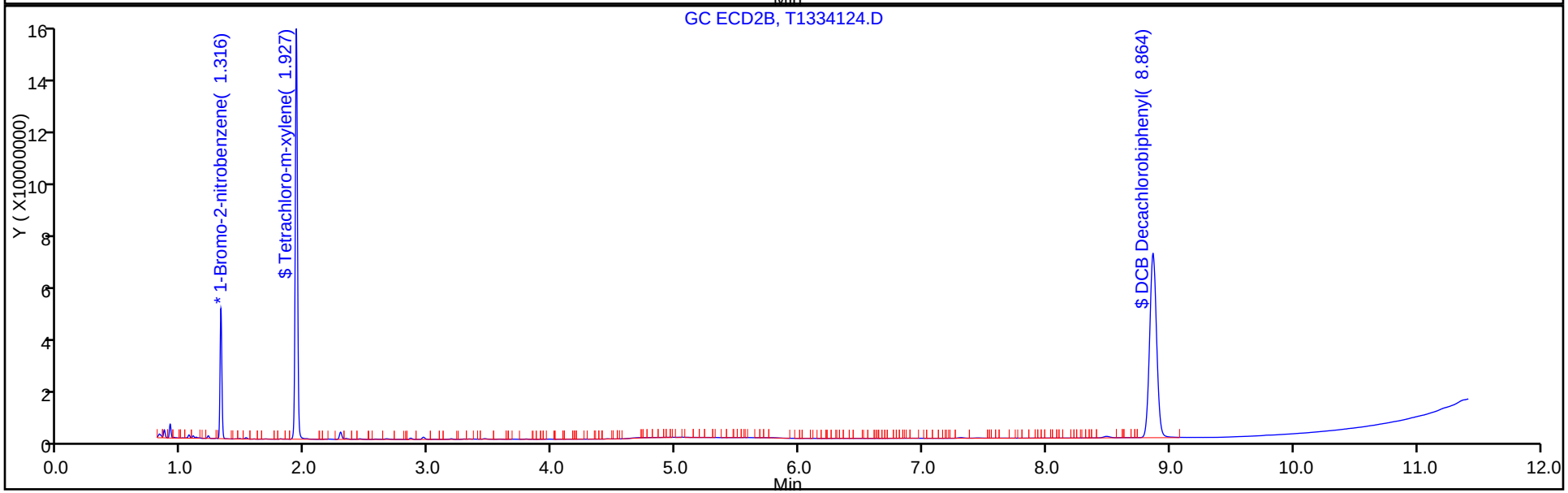
Report Date: 05-Oct-2016 10:43:14 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334124.D

Injection Date:	04-Oct-2016 14:24:36	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-394557/1-A RA

Matrix: Water Lab File ID: T1334169.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3510C Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) Date Analyzed: 10/05/2016 10:44

Con. Extract Vol.: 1(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.: 395004 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 05-Oct-2016 10:44:34 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-018
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	51152161	20.0	20.0	
2	1.319	1.320	-0.001	52790864	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	187556286	100.0	83.2	
2	1.931	1.930	0.001	206905942	100.0	87.3	
						RPD = 4.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.460	-0.004	191422915	100.0	104.6	
2	8.860	8.864	-0.004	278498466	100.0	109.6	
						RPD = 4.65	

Reagents:

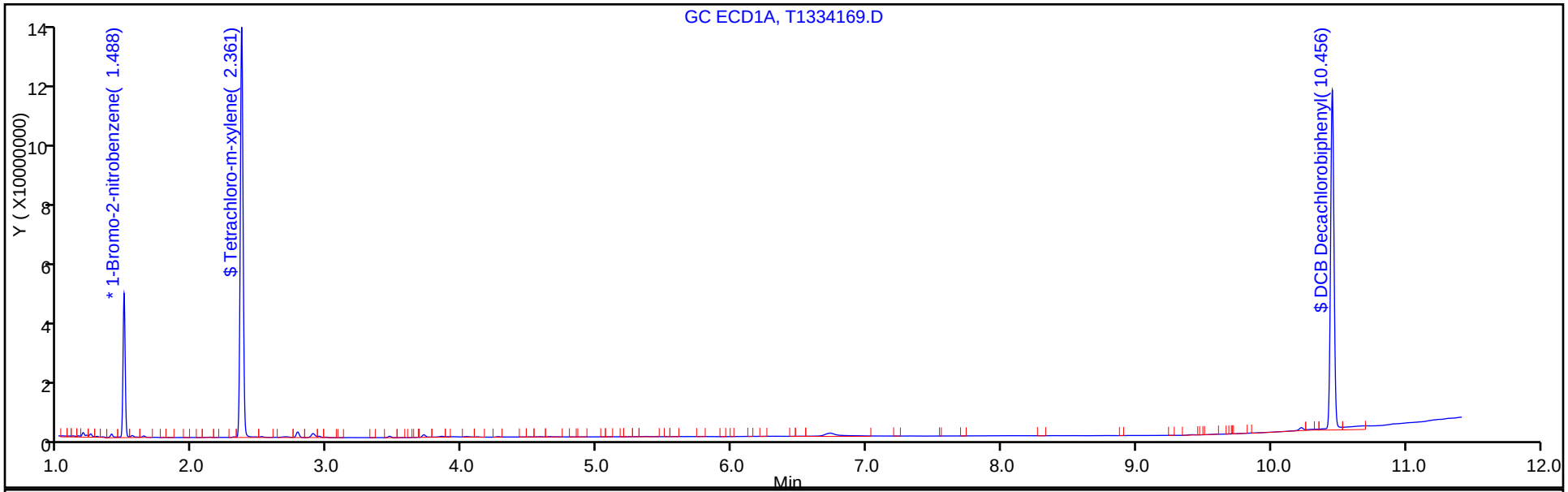
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

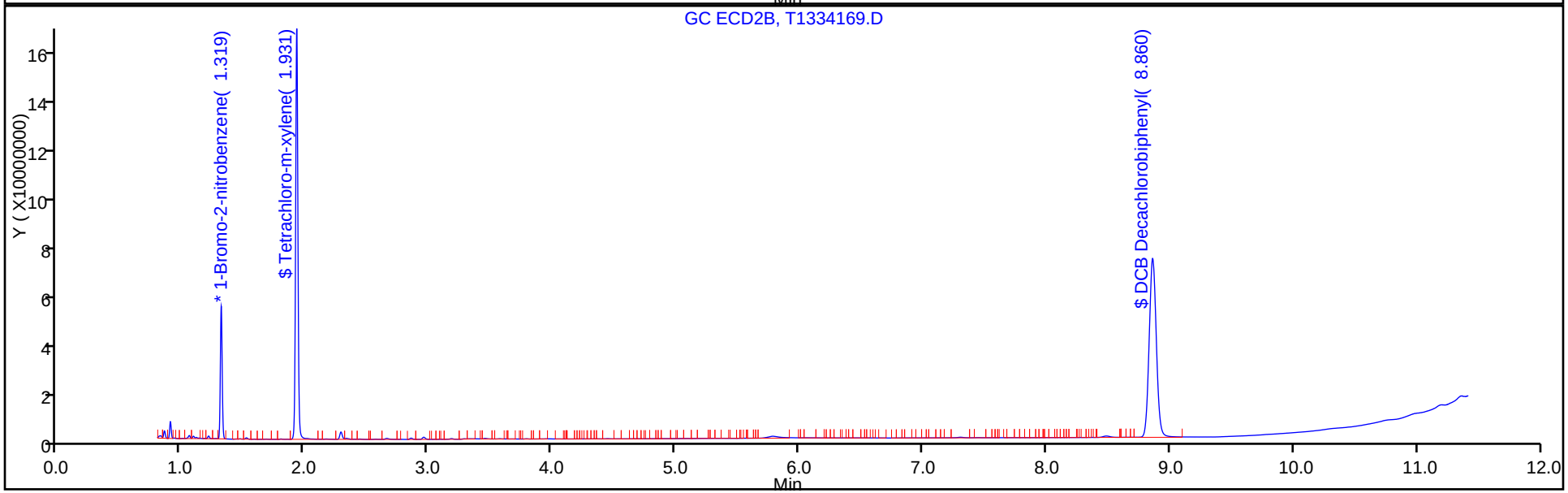
Report Date: 05-Oct-2016 11:10:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D

Injection Date:	05-Oct-2016 10:44:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-394557/1-A RA

Matrix: Water | Lab File ID: T1334169.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D
Lims ID: MB 460-394557/1-A
Client ID:
Sample Type: MB
Inject. Date: 05-Oct-2016 10:44:34 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-018
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	51152161	20.0	20.0	
2	1.319	1.320	-0.001	52790864	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	187556286	100.0	83.2	
2	1.931	1.930	0.001	206905942	100.0	87.3	
						RPD = 4.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.460	-0.004	191422915	100.0	104.6	
2	8.860	8.864	-0.004	278498466	100.0	109.6	
						RPD = 4.65	

Reagents:

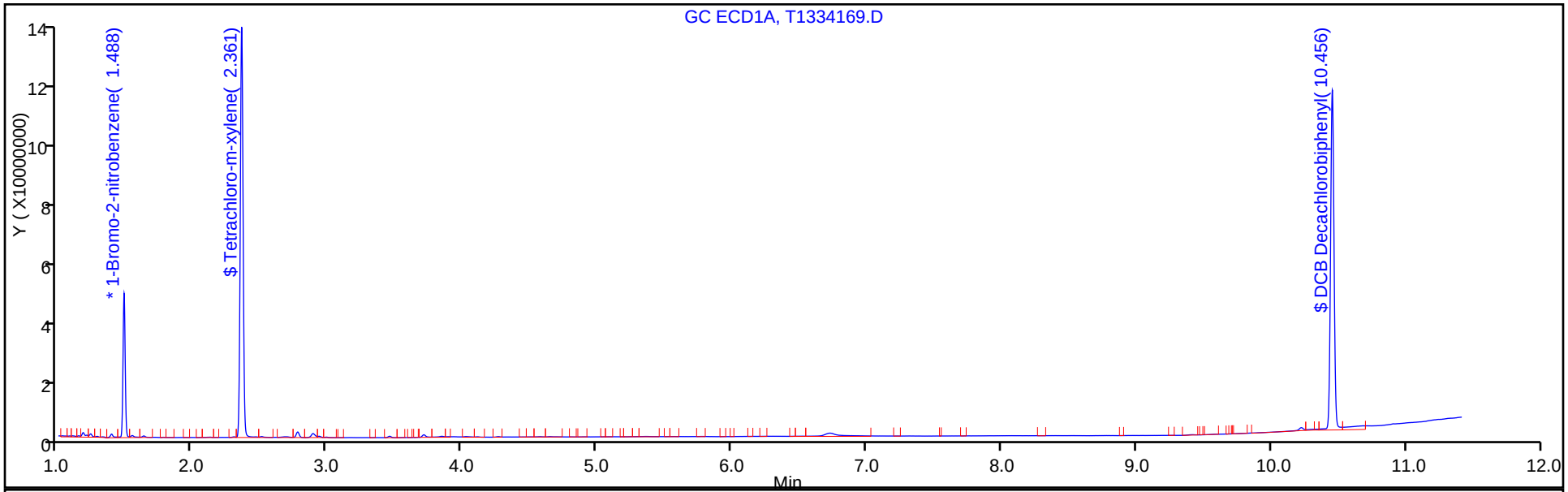
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

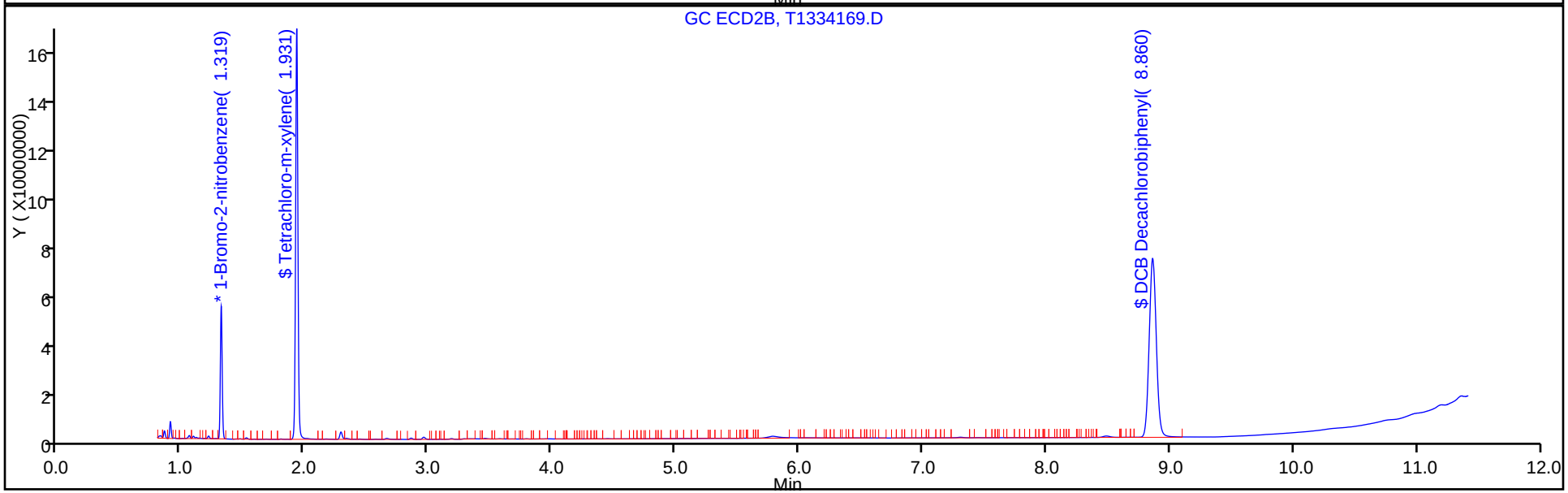
Report Date: 05-Oct-2016 11:10:35 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334169.D

Injection Date:	05-Oct-2016 10:44:34	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-394557/1-A			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A

Matrix: Water | Lab File ID: T1334125.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:39

Con. Extract Vol.: 1(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.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*4.00*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.30*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 14:39:28 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-005
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.489	1.487	0.002	47553381	20.0	20.0	
2	1.319	1.319	0.000	48895040	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.362	2.360	0.002	174187930	100.0	83.1	
2	1.930	1.930	0.000	194176672	100.0	88.5	
						RPD = 6.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.924	2.922	0.002	37112556	1000.0	949.4	
1	3.387	3.386	0.001	76064252	1000.0	989.0	
1	3.657	3.655	0.002	33160925	1000.0	990.2	
1	3.904	3.901	0.003	149815061	1000.0	954.6	
1	4.059	4.056	0.003	64526278	1000.0	975.3	
1	4.299	4.297	0.002	35759298	1000.0	1051.3	
1	4.596	4.595	0.001	54217271	1000.0	1026.4	
1	4.734	4.733	0.001	61705040	1000.0	1056.3	
		Average of Peak Amounts =				999.1	
2	2.281	2.280	0.001	41438975	1000.0	1021.5	
2	2.631	2.630	0.001	88579277	1000.0	1117.8	
2	2.829	2.829	0.000	58585288	1000.0	1107.4	
2	3.101	3.100	0.001	178676978	1000.0	1014.8	
2	3.238	3.238	0.000	77777716	1000.0	1069.4	
2	3.301	3.300	0.001	46857215	1000.0	1043.2	
2	3.669	3.670	-0.001	80498972	1000.0	1091.9	
2	3.759	3.760	-0.001	50048948	1000.0	1216.5	
		Average of Peak Amounts =				1085.3	
						RPD = 8.28	
8 PCB-1260							
1	5.892	5.890	0.002	54928146	1000.0	1092.3	
1	6.101	6.098	0.003	114822845	1000.0	1085.7	
1	6.406	6.402	0.004	132015448	1000.0	1068.2	
1	7.093	7.090	0.003	106291328	1000.0	1069.5	
1	7.589	7.584	0.005	118342863	1000.0	1079.9	
1	8.074	8.070	0.004	244150660	1000.0	1061.1	
1	8.794	8.788	0.006	182683305	1000.0	1060.3	
1	9.879	9.876	0.003	69424354	1000.0	1088.9	
		Average of Peak Amounts =				1075.7	
2	4.980	4.980	0.000	123919631	1000.0	1168.0	
2	5.589	5.589	0.000	215375327	1000.0	1175.2	
2	5.730	5.730	0.000	122513121	1000.0	1096.5	
2	6.029	6.029	0.000	126818556	1000.0	1117.8	
2	6.457	6.457	0.000	310423009	1000.0	1234.3	
2	6.864	6.863	0.001	144099563	1000.0	1113.1	
2	7.002	7.002	0.000	88437262	1000.0	1198.3	
2	7.939	7.936	0.003	89147058	1000.0	1227.3	
		Average of Peak Amounts =				1166.3	
						RPD = 8.08	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.453	0.006	160731493	100.0	94.5	
2	8.863	8.864	-0.001	236199044	100.0	100.4	
						RPD = 6.02	

Reagents:

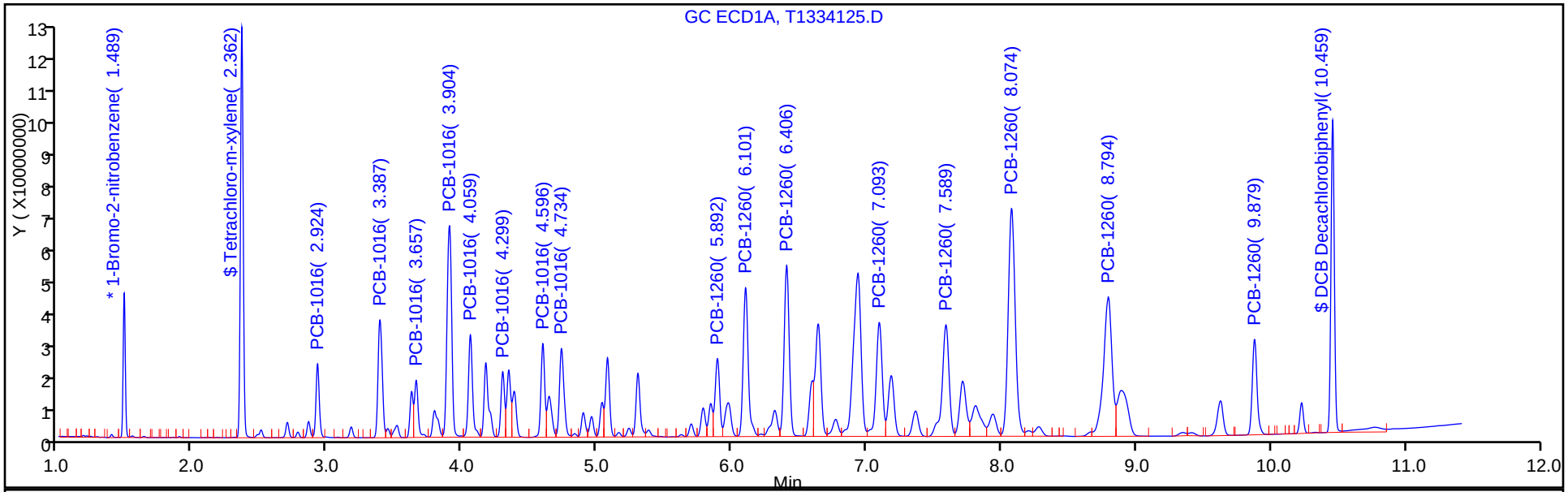
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

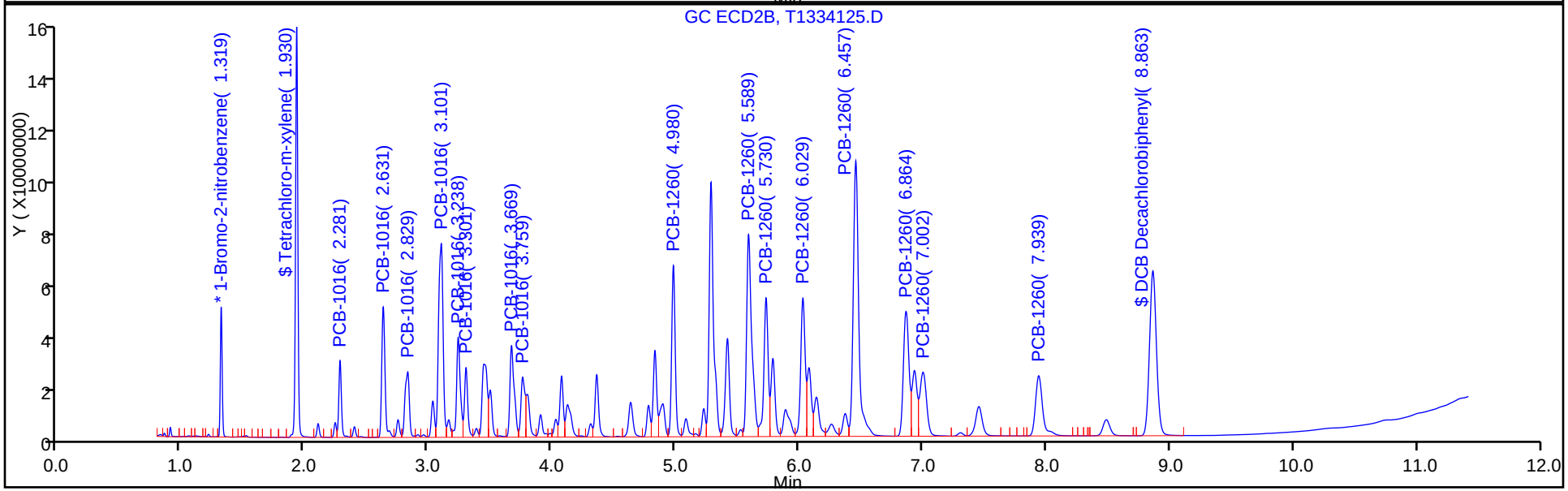
Report Date: 05-Oct-2016 10:43:16 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D

Injection Date:	04-Oct-2016 14:39:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A

Matrix: Water | Lab File ID: T1334125.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.34		0.40	0.098
11096-82-5	Aroclor 1260	4.67		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-Oct-2016 14:39:28 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-005
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.489	1.487	0.002	47553381	20.0	20.0	
2	1.319	1.319	0.000	48895040	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.362	2.360	0.002	174187930	100.0	83.1	
2	1.930	1.930	0.000	194176672	100.0	88.5	
						RPD = 6.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.924	2.922	0.002	37112556	1000.0	949.4	
1	3.387	3.386	0.001	76064252	1000.0	989.0	
1	3.657	3.655	0.002	33160925	1000.0	990.2	
1	3.904	3.901	0.003	149815061	1000.0	954.6	
1	4.059	4.056	0.003	64526278	1000.0	975.3	
1	4.299	4.297	0.002	35759298	1000.0	1051.3	
1	4.596	4.595	0.001	54217271	1000.0	1026.4	
1	4.734	4.733	0.001	61705040	1000.0	1056.3	
		Average of Peak Amounts =				999.1	
2	2.281	2.280	0.001	41438975	1000.0	1021.5	
2	2.631	2.630	0.001	88579277	1000.0	1117.8	
2	2.829	2.829	0.000	58585288	1000.0	1107.4	
2	3.101	3.100	0.001	178676978	1000.0	1014.8	
2	3.238	3.238	0.000	77777716	1000.0	1069.4	
2	3.301	3.300	0.001	46857215	1000.0	1043.2	
2	3.669	3.670	-0.001	80498972	1000.0	1091.9	
2	3.759	3.760	-0.001	50048948	1000.0	1216.5	
		Average of Peak Amounts =				1085.3	
						RPD = 8.28	
8 PCB-1260							
1	5.892	5.890	0.002	54928146	1000.0	1092.3	
1	6.101	6.098	0.003	114822845	1000.0	1085.7	
1	6.406	6.402	0.004	132015448	1000.0	1068.2	
1	7.093	7.090	0.003	106291328	1000.0	1069.5	
1	7.589	7.584	0.005	118342863	1000.0	1079.9	
1	8.074	8.070	0.004	244150660	1000.0	1061.1	
1	8.794	8.788	0.006	182683305	1000.0	1060.3	
1	9.879	9.876	0.003	69424354	1000.0	1088.9	
		Average of Peak Amounts =				1075.7	
2	4.980	4.980	0.000	123919631	1000.0	1168.0	
2	5.589	5.589	0.000	215375327	1000.0	1175.2	
2	5.730	5.730	0.000	122513121	1000.0	1096.5	
2	6.029	6.029	0.000	126818556	1000.0	1117.8	
2	6.457	6.457	0.000	310423009	1000.0	1234.3	
2	6.864	6.863	0.001	144099563	1000.0	1113.1	
2	7.002	7.002	0.000	88437262	1000.0	1198.3	
2	7.939	7.936	0.003	89147058	1000.0	1227.3	
		Average of Peak Amounts =				1166.3	
						RPD = 8.08	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.453	0.006	160731493	100.0	94.5	
2	8.863	8.864	-0.001	236199044	100.0	100.4	
						RPD = 6.02	

Reagents:

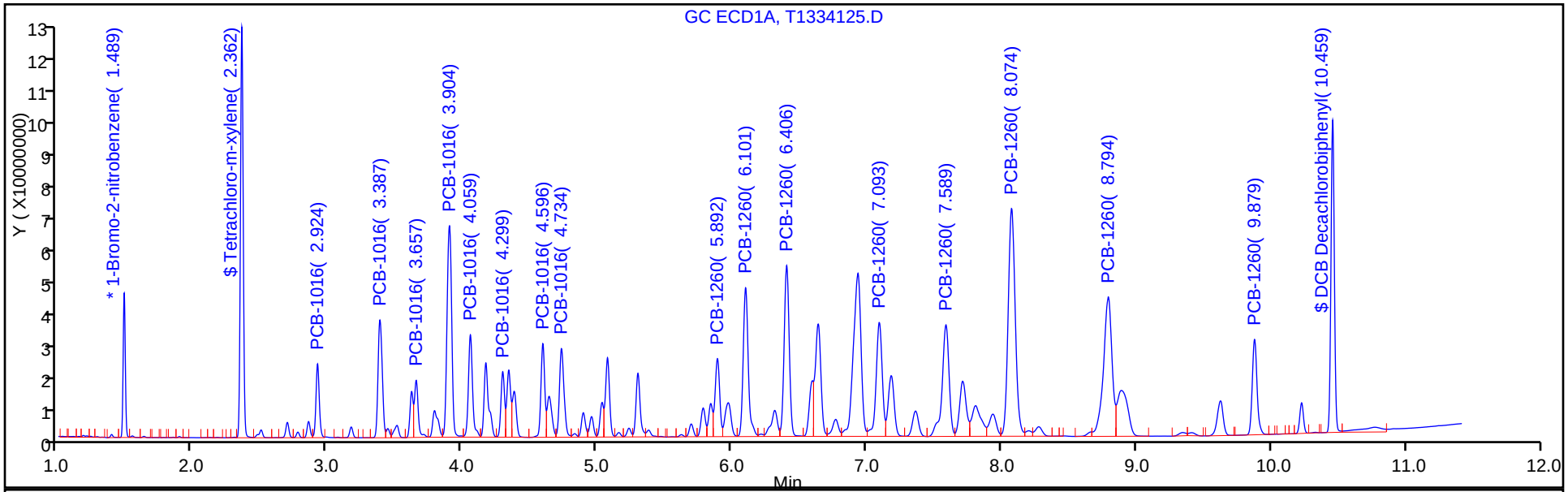
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

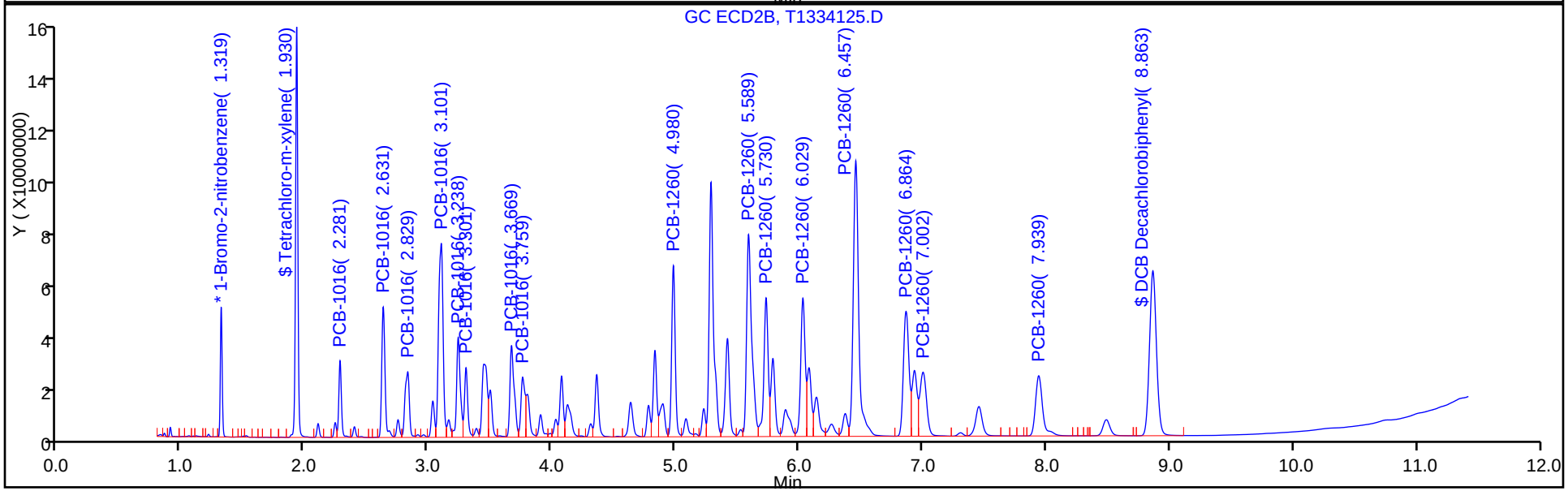
Report Date: 05-Oct-2016 10:43:17 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334125.D

Injection Date:	04-Oct-2016 14:39:28	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A RA

Matrix: Water | Lab File ID: T1334168.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:29

Con. Extract Vol.: 1(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.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.87*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*4.26*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 05-Oct-2016 10:29:44 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-017
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	50896351	20.0	20.0	
2	1.319	1.320	-0.001	53156677	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	181506501	100.0	80.9	
2	1.930	1.930	0.000	204788037	100.0	85.8	
						RPD = 5.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.923	2.924	-0.001	38874802	1000.0	929.1	
1	3.385	3.388	-0.003	78255770	1000.0	950.7	
1	3.655	3.656	-0.001	33488884	1000.0	934.3	
1	3.903	3.904	-0.001	154656451	1000.0	920.7	
1	4.057	4.060	-0.003	67220246	1000.0	949.2	
1	4.297	4.300	-0.003	37172593	1000.0	1021.1	
1	4.594	4.598	-0.004	56941430	1000.0	1007.2	
1	4.732	4.735	-0.003	64573396	1000.0	1032.8	
		Average of Peak Amounts =				968.1	
2	2.281	2.281	0.000	42652421	1000.0	967.1	
2	2.631	2.630	0.001	90769859	1000.0	1053.6	
2	2.829	2.829	0.000	58773241	1000.0	1021.9	
2	3.100	3.100	0.000	183454946	1000.0	958.4	
2	3.238	3.237	0.001	79319976	1000.0	1003.2	
2	3.301	3.301	0.000	47242452	1000.0	967.4	
2	3.670	3.670	0.000	82578543	1000.0	1030.3	M
2	3.760	3.759	0.001	51707065	1000.0	1156.0	M
		Average of Peak Amounts =				1019.7	
						RPD = 5.19	
8 PCB-1260							
1	5.889	5.895	-0.006	57906658	1000.0	1075.9	
1	6.098	6.102	-0.004	121536814	1000.0	1073.7	
1	6.402	6.408	-0.006	139384332	1000.0	1053.7	
1	7.088	7.096	-0.008	112267269	1000.0	1055.4	
1	7.583	7.590	-0.007	125416608	1000.0	1069.3	
1	8.070	8.077	-0.007	261202092	1000.0	1060.6	
1	8.785	8.795	-0.010	197896278	1000.0	1073.1	
1	9.876	9.880	-0.004	72583383	1000.0	1063.7	
		Average of Peak Amounts =				1065.7	
2	4.980	4.980	0.000	127803698	1000.0	1108.0	
2	5.588	5.590	-0.002	227606808	1000.0	1142.4	
2	5.729	5.731	-0.002	129258146	1000.0	1064.1	
2	6.028	6.029	-0.001	134739746	1000.0	1092.4	
2	6.455	6.456	-0.001	331957877	1000.0	1214.1	
2	6.862	6.865	-0.003	154574156	1000.0	1098.3	
2	6.999	7.002	-0.003	94275632	1000.0	1175.0	
2	7.936	7.937	-0.001	94066446	1000.0	1191.2	
		Average of Peak Amounts =				1135.7	
						RPD = 6.36	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.460	-0.001	171729771	100.0	94.3	
2	8.860	8.864	-0.004	252407566	100.0	98.7	
						RPD = 4.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

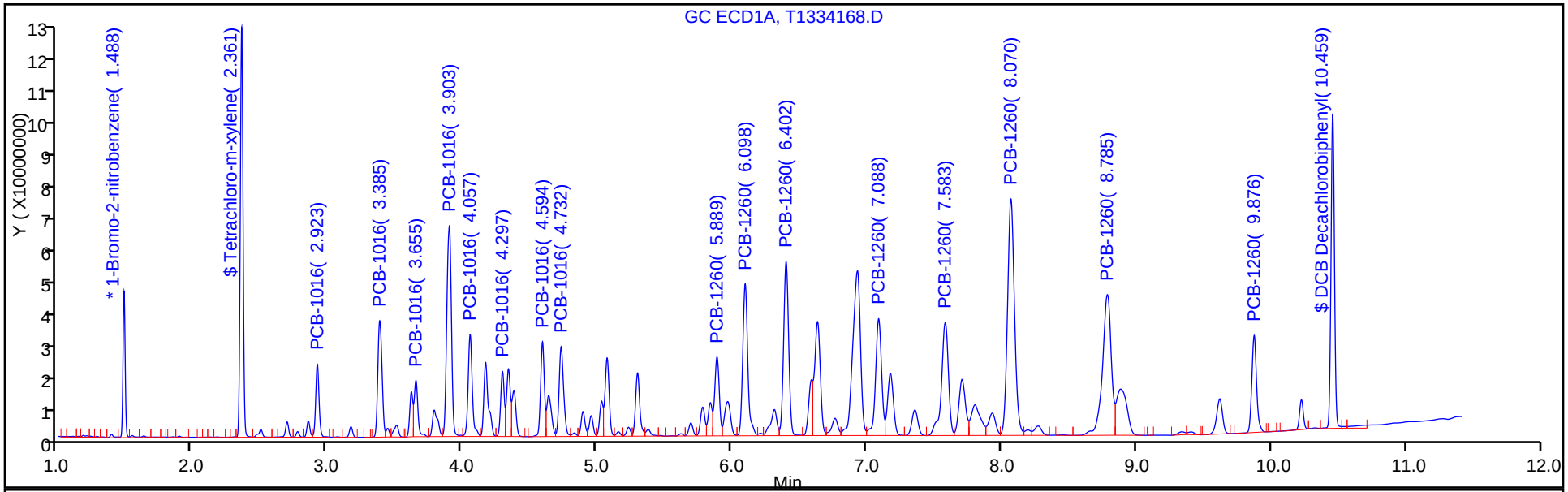
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

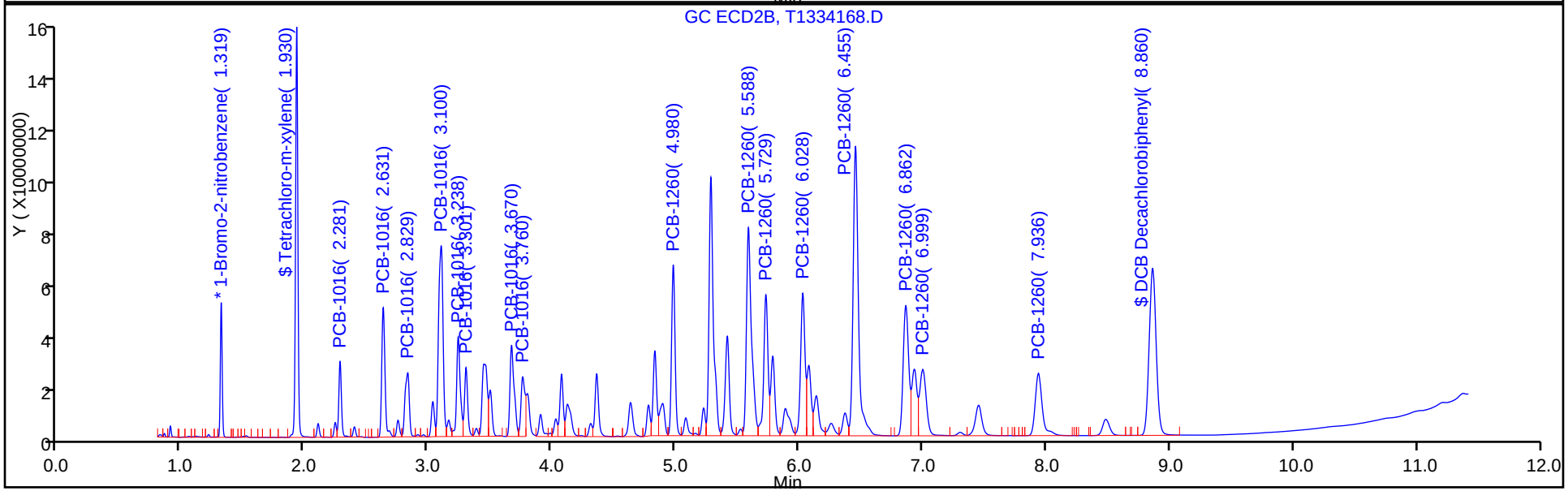
Report Date: 05-Oct-2016 11:10:32 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D

Injection Date:	05-Oct-2016 10:29:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-394557/2-A RA

Matrix: Water | Lab File ID: T1334168.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 10:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.08		0.40	0.098
11096-82-5	Aroclor 1260	4.54		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D
Lims ID: LCS 460-394557/2-A
Client ID:
Sample Type: LCS
Inject. Date: 05-Oct-2016 10:29:44 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-017
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 11:08:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	50896351	20.0	20.0	
2	1.319	1.320	-0.001	53156677	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.363	-0.002	181506501	100.0	80.9	
2	1.930	1.930	0.000	204788037	100.0	85.8	
						RPD = 5.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.923	2.924	-0.001	38874802	1000.0	929.1	
1	3.385	3.388	-0.003	78255770	1000.0	950.7	
1	3.655	3.656	-0.001	33488884	1000.0	934.3	
1	3.903	3.904	-0.001	154656451	1000.0	920.7	
1	4.057	4.060	-0.003	67220246	1000.0	949.2	
1	4.297	4.300	-0.003	37172593	1000.0	1021.1	
1	4.594	4.598	-0.004	56941430	1000.0	1007.2	
1	4.732	4.735	-0.003	64573396	1000.0	1032.8	
		Average of Peak Amounts =				968.1	
2	2.281	2.281	0.000	42652421	1000.0	967.1	
2	2.631	2.630	0.001	90769859	1000.0	1053.6	
2	2.829	2.829	0.000	58773241	1000.0	1021.9	
2	3.100	3.100	0.000	183454946	1000.0	958.4	
2	3.238	3.237	0.001	79319976	1000.0	1003.2	
2	3.301	3.301	0.000	47242452	1000.0	967.4	
2	3.670	3.670	0.000	82578543	1000.0	1030.3	M
2	3.760	3.759	0.001	51707065	1000.0	1156.0	M
		Average of Peak Amounts =				1019.7	
						RPD = 5.19	
8 PCB-1260							
1	5.889	5.895	-0.006	57906658	1000.0	1075.9	
1	6.098	6.102	-0.004	121536814	1000.0	1073.7	
1	6.402	6.408	-0.006	139384332	1000.0	1053.7	
1	7.088	7.096	-0.008	112267269	1000.0	1055.4	
1	7.583	7.590	-0.007	125416608	1000.0	1069.3	
1	8.070	8.077	-0.007	261202092	1000.0	1060.6	
1	8.785	8.795	-0.010	197896278	1000.0	1073.1	
1	9.876	9.880	-0.004	72583383	1000.0	1063.7	
		Average of Peak Amounts =				1065.7	
2	4.980	4.980	0.000	127803698	1000.0	1108.0	
2	5.588	5.590	-0.002	227606808	1000.0	1142.4	
2	5.729	5.731	-0.002	129258146	1000.0	1064.1	
2	6.028	6.029	-0.001	134739746	1000.0	1092.4	
2	6.455	6.456	-0.001	331957877	1000.0	1214.1	
2	6.862	6.865	-0.003	154574156	1000.0	1098.3	
2	6.999	7.002	-0.003	94275632	1000.0	1175.0	
2	7.936	7.937	-0.001	94066446	1000.0	1191.2	
		Average of Peak Amounts =				1135.7	
						RPD = 6.36	
$ 11 DCB Decachlorobiphenyl							
1	10.459	10.460	-0.001	171729771	100.0	94.3	
2	8.860	8.864	-0.004	252407566	100.0	98.7	
						RPD = 4.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

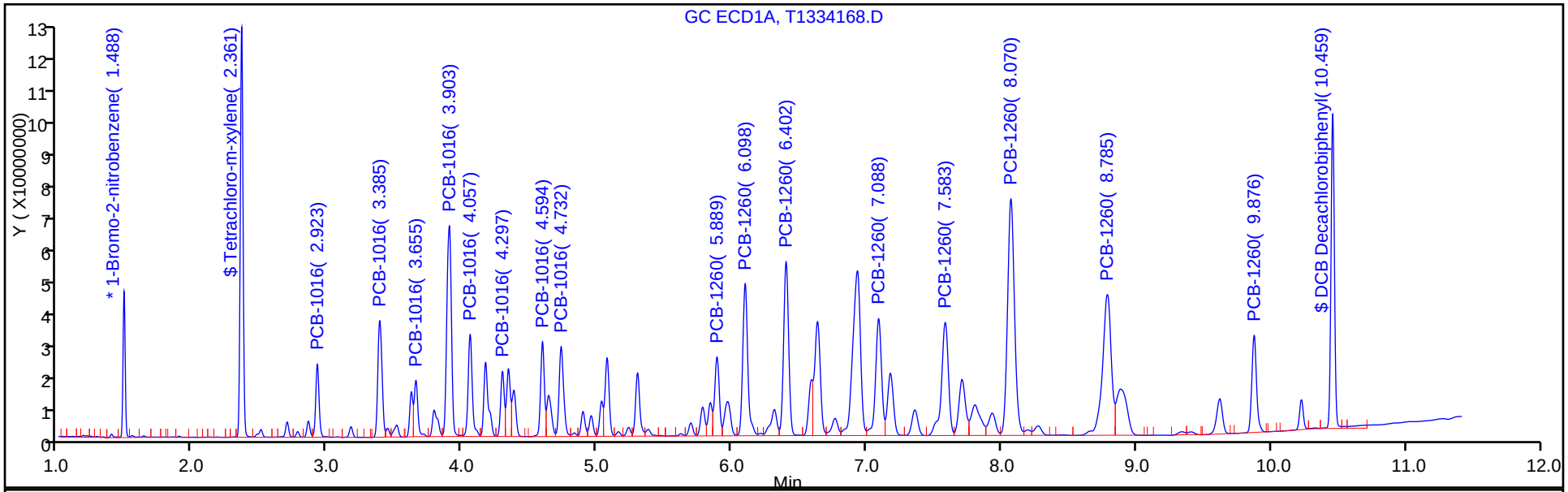
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

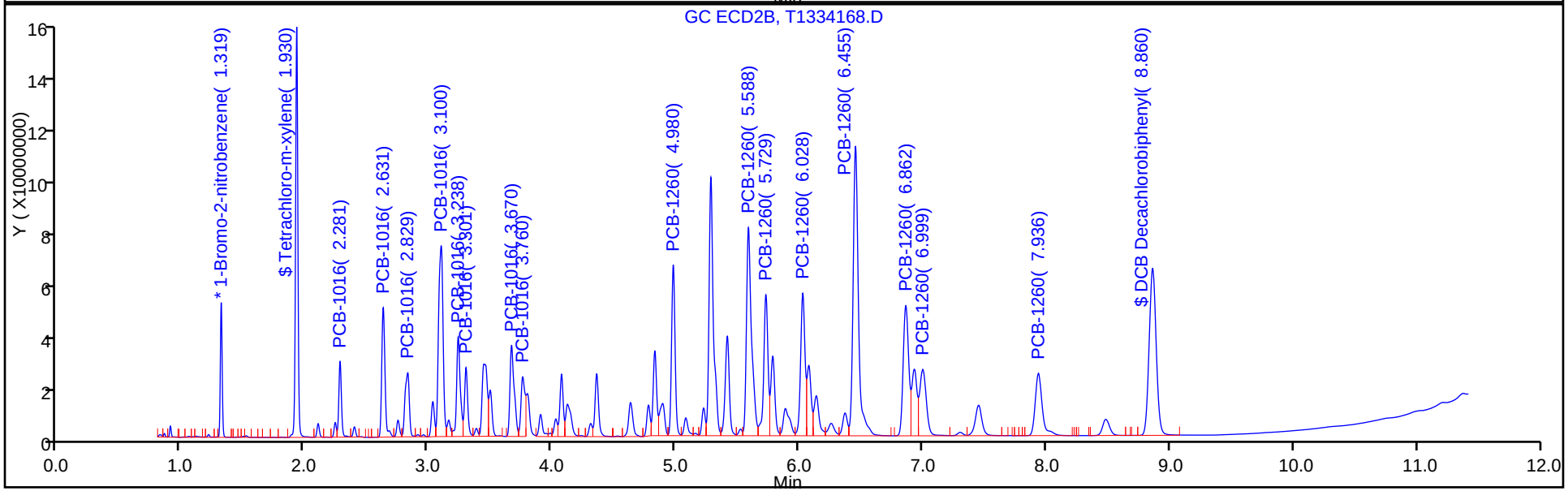
Report Date: 05-Oct-2016 11:10:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D

Injection Date:	05-Oct-2016 10:29:44	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCS 460-394557/2-A			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 05-Oct-2016 11:10:33 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334168.D

Injection Date: 05-Oct-2016 10:29:44 Instrument ID: CPESTGC11

Lims ID: LCS 460-394557/2-A

Client ID:

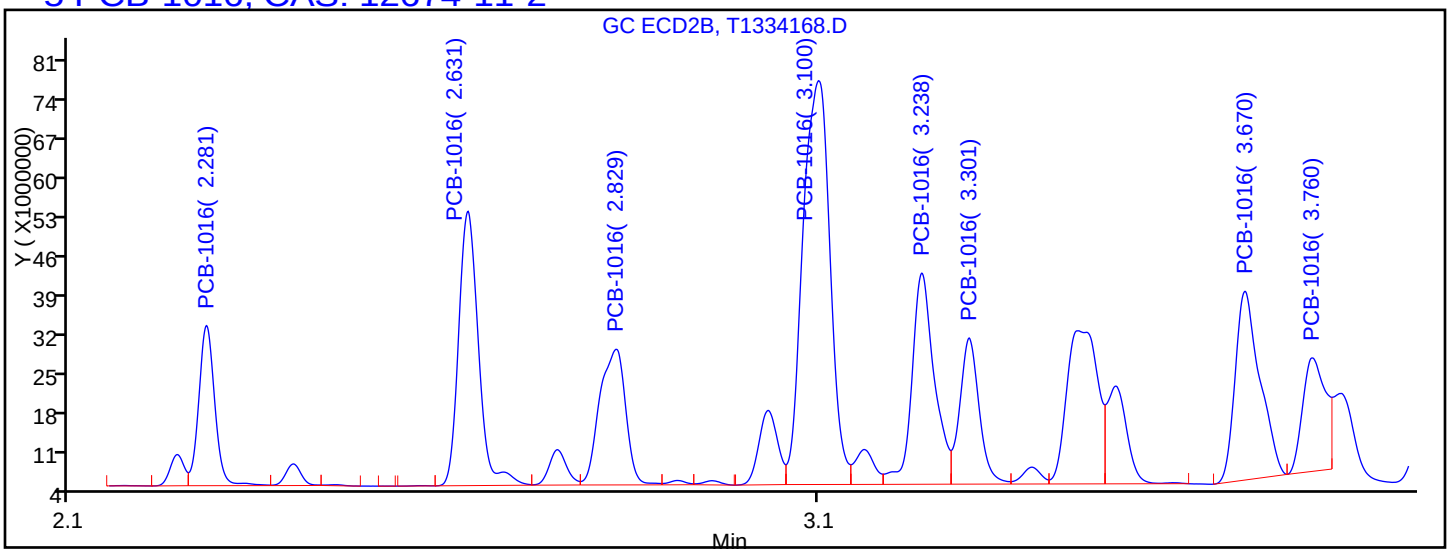
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD

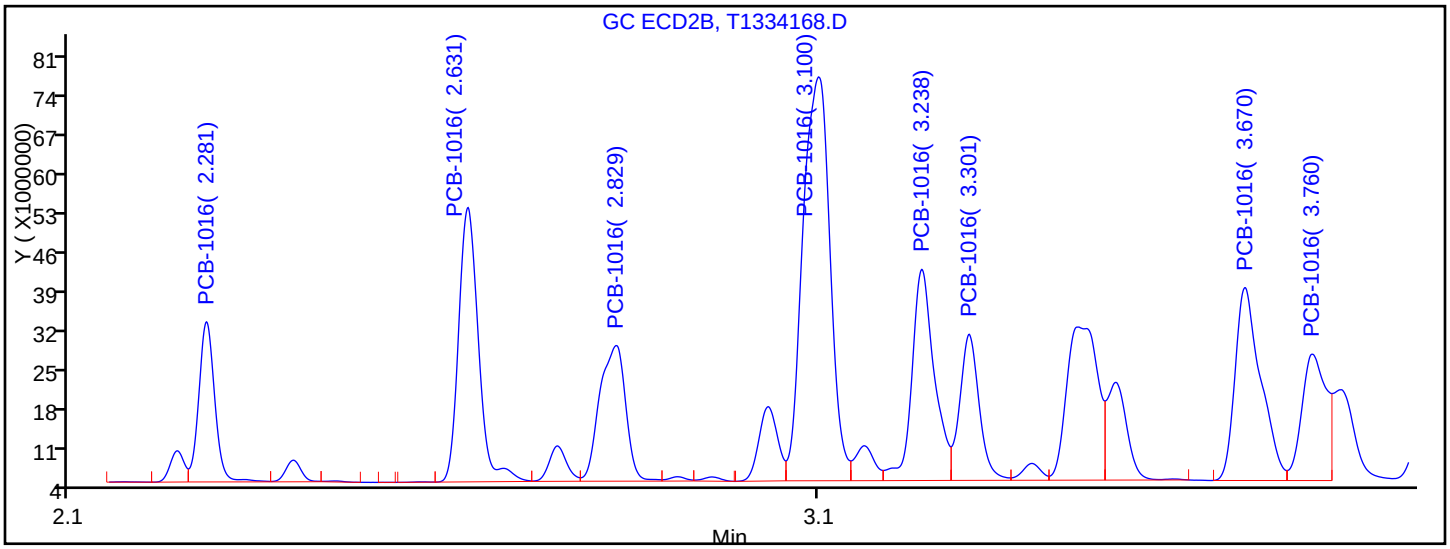
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.281	Response = 42652421
2.631	Response = 90769859
2.829	Response = 58773241
3.100	Response = 183454946
3.238	Response = 79319976
3.301	Response = 47242452
3.670	Response = 77373622
3.760	Response = 43605490



Manual Integration Results

2.281	Response = 42652421
2.631	Response = 90769859
2.829	Response = 58773241
3.100	Response = 183454946
3.238	Response = 79319976
3.301	Response = 47242452

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A

Matrix: Water | Lab File ID: T1334126.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:54

Con. Extract Vol.: 1(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.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.59*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*3.92*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 14:54:18 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-006
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.487	0.001	52221709	20.0	20.0	
2	1.319	1.319	0.000	54028787	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.360	0.001	172965354	100.0	75.1	
2	1.930	1.930	0.000	193966778	100.0	80.0	
						RPD = 6.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	36913768	1000.0	859.9	
1	3.386	3.386	0.000	74674348	1000.0	884.1	
1	3.655	3.655	0.000	31680046	1000.0	861.4	
1	3.902	3.901	0.001	147256194	1000.0	854.4	
1	4.056	4.056	0.000	63415568	1000.0	872.8	
1	4.298	4.297	0.001	35755168	1000.0	957.2	
1	4.594	4.595	-0.001	54028949	1000.0	931.4	
1	4.733	4.733	0.000	61185032	1000.0	953.8	
		Average of Peak Amounts =				896.9	
2	2.281	2.280	0.001	41197545	1000.0	919.0	
2	2.631	2.630	0.001	84097079	1000.0	960.4	
2	2.828	2.829	-0.001	57084364	1000.0	976.5	
2	3.101	3.100	0.001	177606992	1000.0	912.9	
2	3.237	3.238	-0.001	77191846	1000.0	960.5	
2	3.301	3.300	0.001	46547232	1000.0	937.8	
2	3.669	3.670	-0.001	79985185	1000.0	981.8	
2	3.759	3.760	-0.001	48991306	1000.0	1077.6	
		Average of Peak Amounts =				965.8	
						RPD = 7.40	
8 PCB-1260							
1	5.891	5.890	0.001	54040145	1000.0	978.6	
1	6.100	6.098	0.002	113958651	1000.0	981.2	
1	6.404	6.402	0.002	131459208	1000.0	968.6	
1	7.092	7.090	0.002	107014528	1000.0	980.5	
1	7.588	7.584	0.004	118686355	1000.0	986.2	
1	8.074	8.070	0.004	246097582	1000.0	973.9	
1	8.791	8.788	0.003	183439772	1000.0	969.5	
1	9.876	9.876	0.000	69616415	1000.0	994.3	
		Average of Peak Amounts =				979.1	
2	4.980	4.980	0.000	124503731	1000.0	1062.0	
2	5.589	5.589	0.000	217874253	1000.0	1075.9	
2	5.731	5.730	0.001	123824275	1000.0	1002.9	
2	6.029	6.029	0.000	127735669	1000.0	1018.9	
2	6.456	6.457	-0.001	313367010	1000.0	1127.6	
2	6.865	6.863	0.002	144107411	1000.0	1007.4	
2	7.001	7.002	-0.001	87429540	1000.0	1072.1	
2	7.938	7.936	0.002	88725853	1000.0	1105.4	
		Average of Peak Amounts =				1059.0	
						RPD = 7.84	
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.453	0.003	162697366	100.0	87.1	
2	8.863	8.864	-0.001	236151165	100.0	90.8	
						RPD = 4.17	

Reagents:

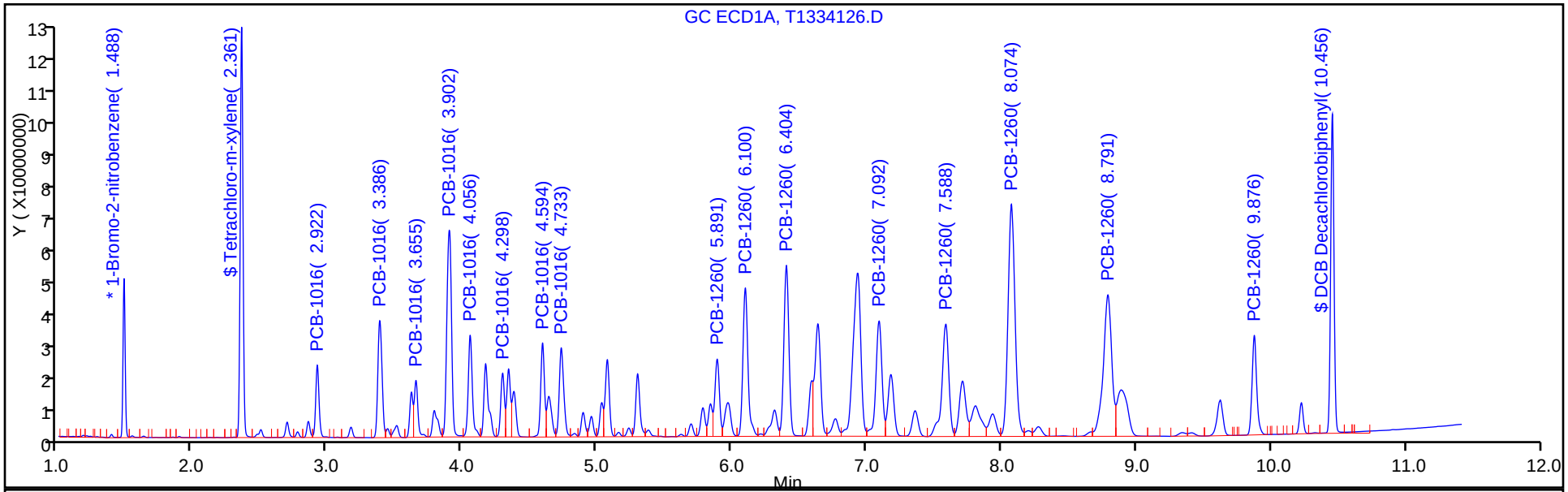
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

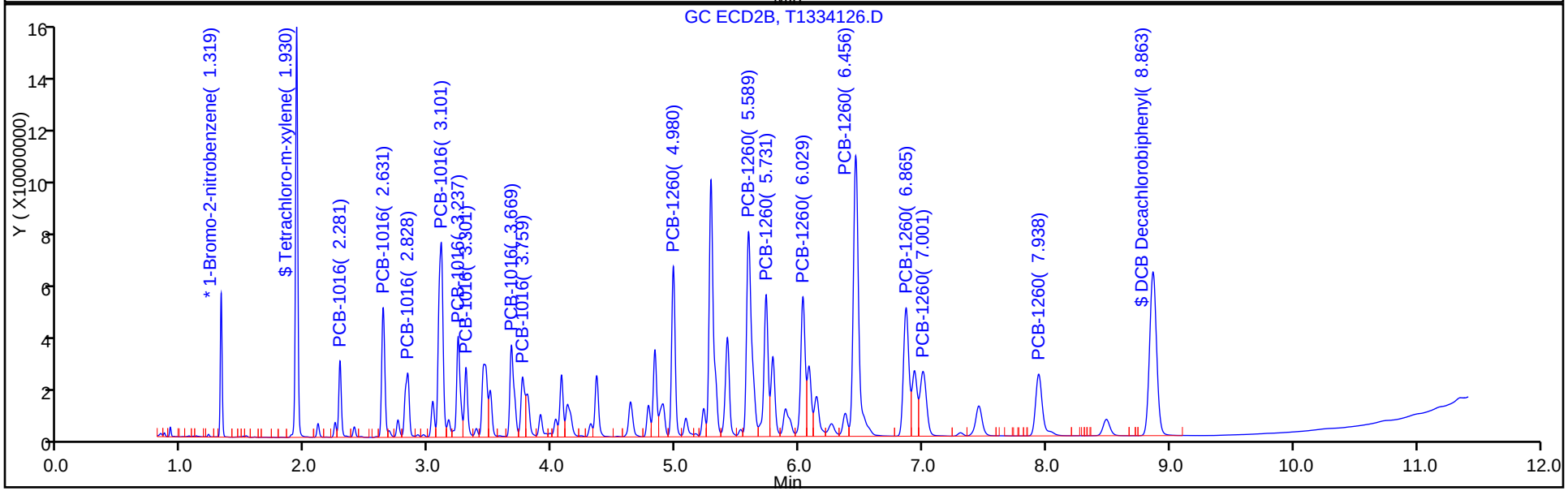
Report Date: 05-Oct-2016 10:43:19 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D

Injection Date:	04-Oct-2016 14:54:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A

Matrix: Water | Lab File ID: T1334126.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/04/2016 14:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 394836 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.86		0.40	0.098
11096-82-5	Aroclor 1260	4.24		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-Oct-2016 14:54:18 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046420-006
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 10:43:06 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

First Level Reviewer: patelji Date: 05-Oct-2016 07:05:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.487	0.001	52221709	20.0	20.0	
2	1.319	1.319	0.000	54028787	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.361	2.360	0.001	172965354	100.0	75.1	
2	1.930	1.930	0.000	193966778	100.0	80.0	
						RPD = 6.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.922	0.000	36913768	1000.0	859.9	
1	3.386	3.386	0.000	74674348	1000.0	884.1	
1	3.655	3.655	0.000	31680046	1000.0	861.4	
1	3.902	3.901	0.001	147256194	1000.0	854.4	
1	4.056	4.056	0.000	63415568	1000.0	872.8	
1	4.298	4.297	0.001	35755168	1000.0	957.2	
1	4.594	4.595	-0.001	54028949	1000.0	931.4	
1	4.733	4.733	0.000	61185032	1000.0	953.8	
		Average of Peak Amounts =				896.9	
2	2.281	2.280	0.001	41197545	1000.0	919.0	
2	2.631	2.630	0.001	84097079	1000.0	960.4	
2	2.828	2.829	-0.001	57084364	1000.0	976.5	
2	3.101	3.100	0.001	177606992	1000.0	912.9	
2	3.237	3.238	-0.001	77191846	1000.0	960.5	
2	3.301	3.300	0.001	46547232	1000.0	937.8	
2	3.669	3.670	-0.001	79985185	1000.0	981.8	
2	3.759	3.760	-0.001	48991306	1000.0	1077.6	
		Average of Peak Amounts =				965.8	
						RPD = 7.40	
8 PCB-1260							
1	5.891	5.890	0.001	54040145	1000.0	978.6	
1	6.100	6.098	0.002	113958651	1000.0	981.2	
1	6.404	6.402	0.002	131459208	1000.0	968.6	
1	7.092	7.090	0.002	107014528	1000.0	980.5	
1	7.588	7.584	0.004	118686355	1000.0	986.2	
1	8.074	8.070	0.004	246097582	1000.0	973.9	
1	8.791	8.788	0.003	183439772	1000.0	969.5	
1	9.876	9.876	0.000	69616415	1000.0	994.3	
		Average of Peak Amounts =				979.1	
2	4.980	4.980	0.000	124503731	1000.0	1062.0	
2	5.589	5.589	0.000	217874253	1000.0	1075.9	
2	5.731	5.730	0.001	123824275	1000.0	1002.9	
2	6.029	6.029	0.000	127735669	1000.0	1018.9	
2	6.456	6.457	-0.001	313367010	1000.0	1127.6	
2	6.865	6.863	0.002	144107411	1000.0	1007.4	
2	7.001	7.002	-0.001	87429540	1000.0	1072.1	
2	7.938	7.936	0.002	88725853	1000.0	1105.4	
		Average of Peak Amounts =				1059.0	
						RPD = 7.84	
$ 11 DCB Decachlorobiphenyl							
1	10.456	10.453	0.003	162697366	100.0	87.1	
2	8.863	8.864	-0.001	236151165	100.0	90.8	
						RPD = 4.17	

Reagents:

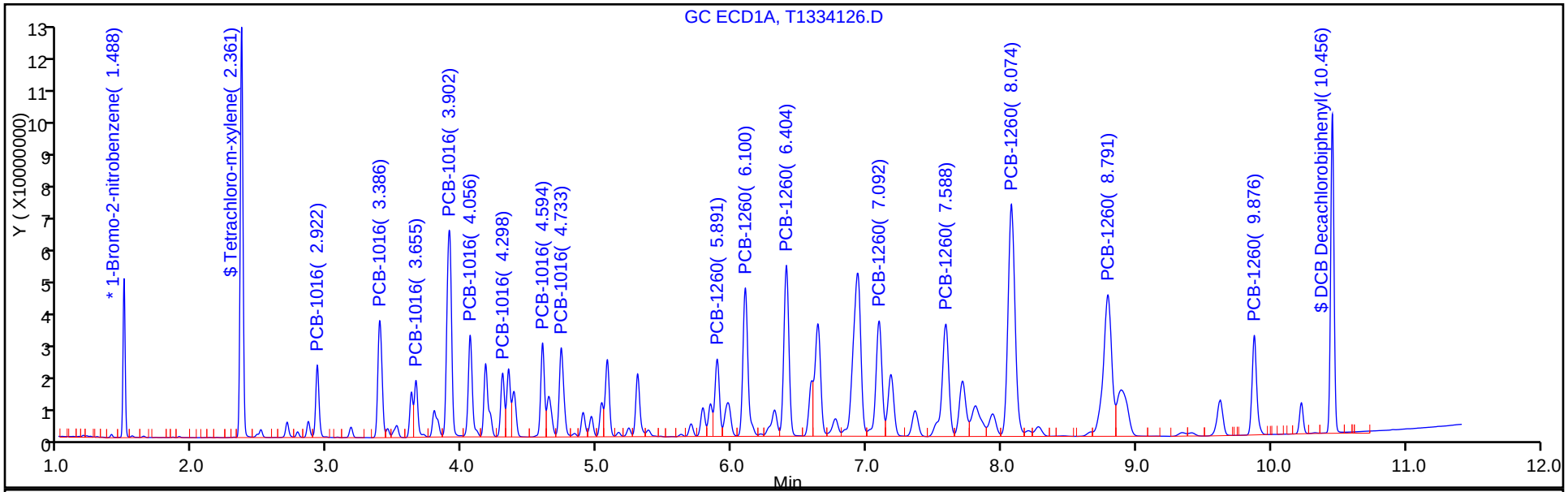
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

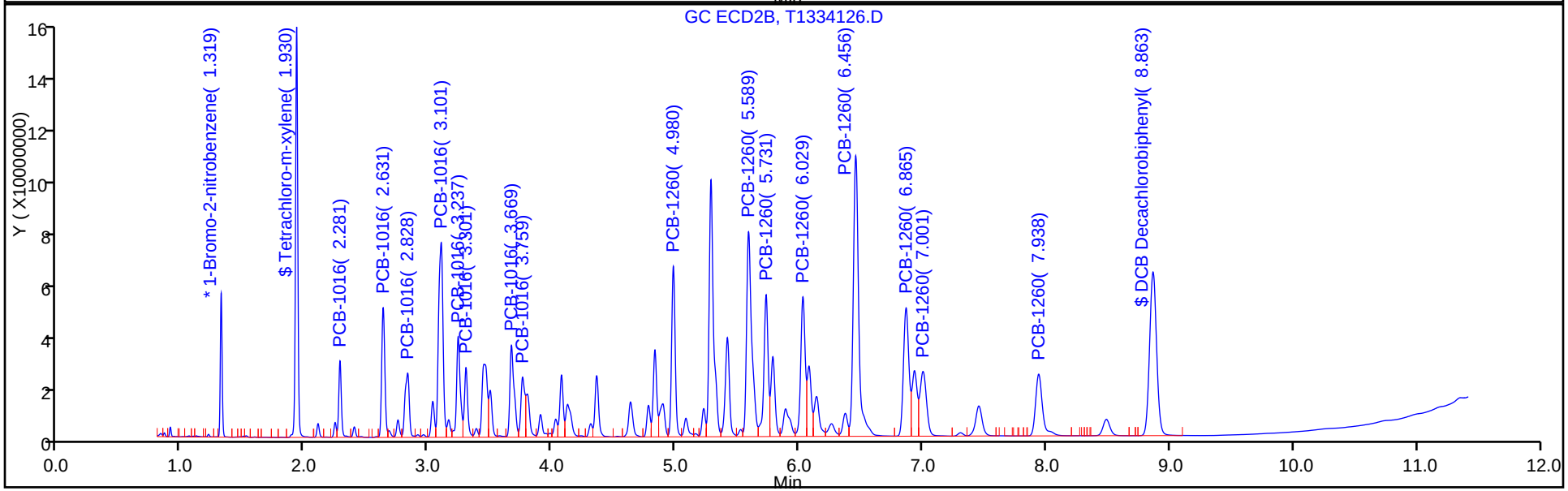
Report Date: 05-Oct-2016 10:43:20 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161004-46420.b\T1334126.D

Injection Date:	04-Oct-2016 14:54:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A RA

Matrix: Water | Lab File ID: T1334165.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 09:43

Con. Extract Vol.: 1(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.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.57*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*3.78*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 05-Oct-2016 09:43:10 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	54329502	20.0	20.0	
2	1.319	1.320	-0.001	56446780	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.363	-0.003	179408915	100.0	74.9	
2	1.930	1.930	0.000	202071220	100.0	79.7	
						RPD = 6.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.924	-0.002	38507739	1000.0	862.2	
1	3.385	3.388	-0.003	77509743	1000.0	882.1	
1	3.654	3.656	-0.002	33740866	1000.0	881.9	
1	3.901	3.904	-0.003	153558503	1000.0	856.4	
1	4.056	4.060	-0.004	66662982	1000.0	881.9	
1	4.297	4.300	-0.003	36780441	1000.0	946.5	
1	4.594	4.598	-0.004	54697658	1000.0	906.3	
1	4.732	4.735	-0.003	61409782	1000.0	920.2	
		Average of Peak Amounts =				892.2	
2	2.281	2.281	0.000	41849693	1000.0	893.6	
2	2.629	2.630	-0.001	86558599	1000.0	946.2	
2	2.829	2.829	0.000	58059078	1000.0	950.6	
2	3.099	3.100	-0.001	181586394	1000.0	893.3	
2	3.237	3.237	0.000	77632606	1000.0	924.6	
2	3.300	3.301	-0.001	46254055	1000.0	892.0	
2	3.669	3.670	-0.001	80511934	1000.0	945.9	
2	3.759	3.759	0.000	51703702	1000.0	1088.6	
		Average of Peak Amounts =				941.9	
						RPD = 5.42	
8 PCB-1260							
1	5.889	5.895	-0.006	54719222	1000.0	952.5	
1	6.097	6.102	-0.005	114795056	1000.0	950.1	
1	6.401	6.408	-0.007	133270139	1000.0	943.8	
1	7.089	7.096	-0.007	107972671	1000.0	950.9	
1	7.582	7.590	-0.008	119232911	1000.0	952.3	
1	8.071	8.077	-0.006	248576380	1000.0	945.6	
1	8.784	8.795	-0.011	183325212	1000.0	931.3	
1	9.874	9.880	-0.006	67580607	1000.0	927.8	
		Average of Peak Amounts =				944.3	
2	4.979	4.980	-0.001	121753426	1000.0	994.1	
2	5.588	5.590	-0.002	218518622	1000.0	1032.8	
2	5.729	5.731	-0.002	124318790	1000.0	963.8	
2	6.027	6.029	-0.002	129688470	1000.0	990.2	
2	6.454	6.456	-0.002	316957800	1000.0	1091.7	
2	6.860	6.865	-0.005	147916893	1000.0	989.7	
2	6.999	7.002	-0.003	85937453	1000.0	1008.7	
2	7.934	7.937	-0.003	84050678	1000.0	1002.3	
		Average of Peak Amounts =				1009.2	
						RPD = 6.64	
$ 11 DCB Decachlorobiphenyl							
1	10.457	10.460	-0.003	165281780	100.0	85.1	
2	8.859	8.864	-0.005	237875879	100.0	87.6	
						RPD = 2.90	

Reagents:

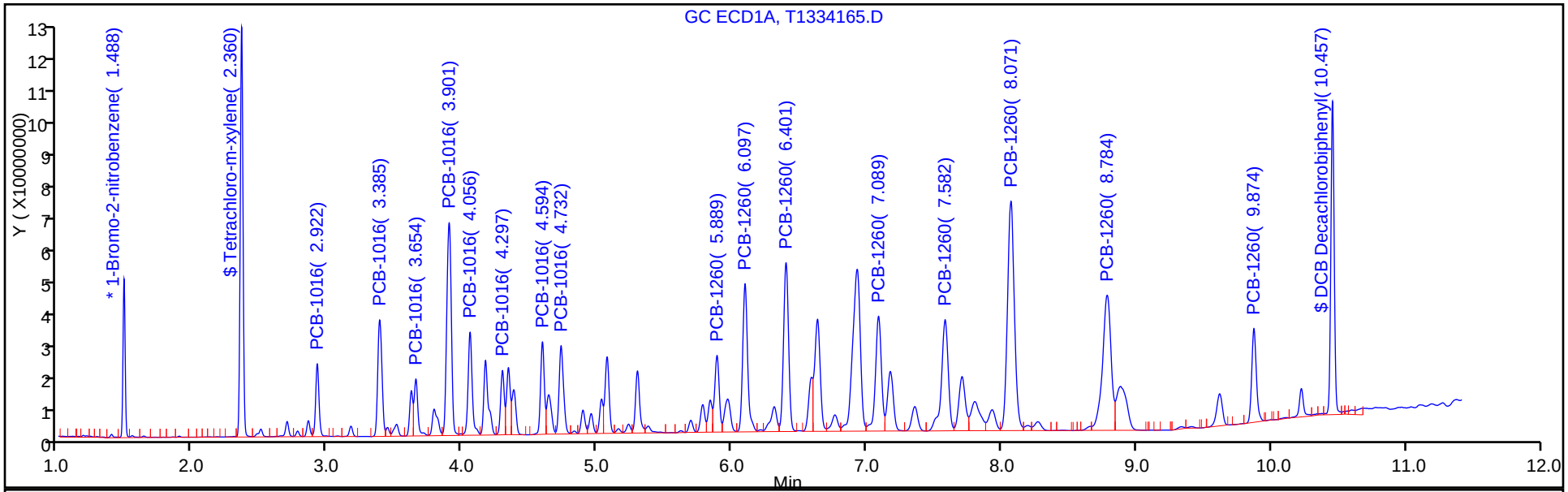
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

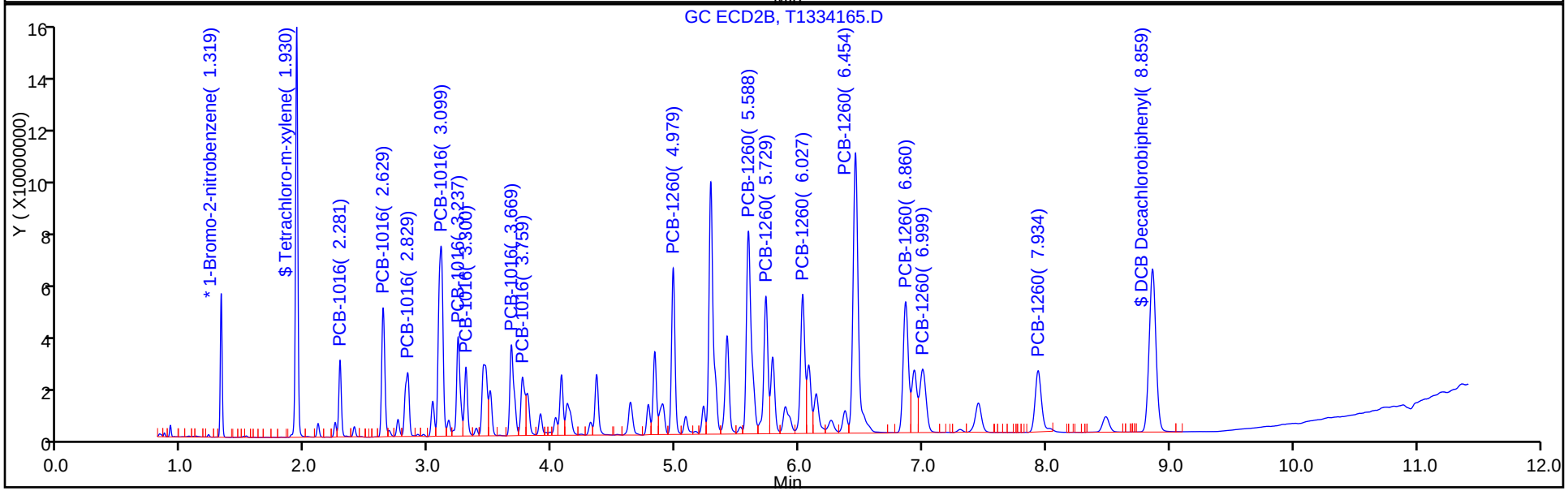
Report Date: 05-Oct-2016 11:10:22 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D

Injection Date:	05-Oct-2016 09:43:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-121208-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-394557/3-A RA

Matrix: Water | Lab File ID: T1334165.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 10/03/2016 13:55

Sample wt/vol: 250(mL) | Date Analyzed: 10/05/2016 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 395004 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.77		0.40	0.098
11096-82-5	Aroclor 1260	4.04		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D
Lims ID: LCSD 460-394557/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 05-Oct-2016 09:43:10 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0046450-014
Operator ID: Instrument ID: CPESTGC11

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 05-Oct-2016 11:09:38 Calib Date: 17-Jun-2016 19:43:54
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK015

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.488	1.490	-0.002	54329502	20.0	20.0	
2	1.319	1.320	-0.001	56446780	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.360	2.363	-0.003	179408915	100.0	74.9	
2	1.930	1.930	0.000	202071220	100.0	79.7	
						RPD = 6.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.922	2.924	-0.002	38507739	1000.0	862.2	
1	3.385	3.388	-0.003	77509743	1000.0	882.1	
1	3.654	3.656	-0.002	33740866	1000.0	881.9	
1	3.901	3.904	-0.003	153558503	1000.0	856.4	
1	4.056	4.060	-0.004	66662982	1000.0	881.9	
1	4.297	4.300	-0.003	36780441	1000.0	946.5	
1	4.594	4.598	-0.004	54697658	1000.0	906.3	
1	4.732	4.735	-0.003	61409782	1000.0	920.2	
		Average of Peak Amounts =				892.2	
2	2.281	2.281	0.000	41849693	1000.0	893.6	
2	2.629	2.630	-0.001	86558599	1000.0	946.2	
2	2.829	2.829	0.000	58059078	1000.0	950.6	
2	3.099	3.100	-0.001	181586394	1000.0	893.3	
2	3.237	3.237	0.000	77632606	1000.0	924.6	
2	3.300	3.301	-0.001	46254055	1000.0	892.0	
2	3.669	3.670	-0.001	80511934	1000.0	945.9	
2	3.759	3.759	0.000	51703702	1000.0	1088.6	
		Average of Peak Amounts =				941.9	
						RPD = 5.42	
8 PCB-1260							
1	5.889	5.895	-0.006	54719222	1000.0	952.5	
1	6.097	6.102	-0.005	114795056	1000.0	950.1	
1	6.401	6.408	-0.007	133270139	1000.0	943.8	
1	7.089	7.096	-0.007	107972671	1000.0	950.9	
1	7.582	7.590	-0.008	119232911	1000.0	952.3	
1	8.071	8.077	-0.006	248576380	1000.0	945.6	
1	8.784	8.795	-0.011	183325212	1000.0	931.3	
1	9.874	9.880	-0.006	67580607	1000.0	927.8	
		Average of Peak Amounts =				944.3	
2	4.979	4.980	-0.001	121753426	1000.0	994.1	
2	5.588	5.590	-0.002	218518622	1000.0	1032.8	
2	5.729	5.731	-0.002	124318790	1000.0	963.8	
2	6.027	6.029	-0.002	129688470	1000.0	990.2	
2	6.454	6.456	-0.002	316957800	1000.0	1091.7	
2	6.860	6.865	-0.005	147916893	1000.0	989.7	
2	6.999	7.002	-0.003	85937453	1000.0	1008.7	
2	7.934	7.937	-0.003	84050678	1000.0	1002.3	
		Average of Peak Amounts =				1009.2	
						RPD = 6.64	
$ 11 DCB Decachlorobiphenyl							
1	10.457	10.460	-0.003	165281780	100.0	85.1	
2	8.859	8.864	-0.005	237875879	100.0	87.6	
						RPD = 2.90	

Reagents:

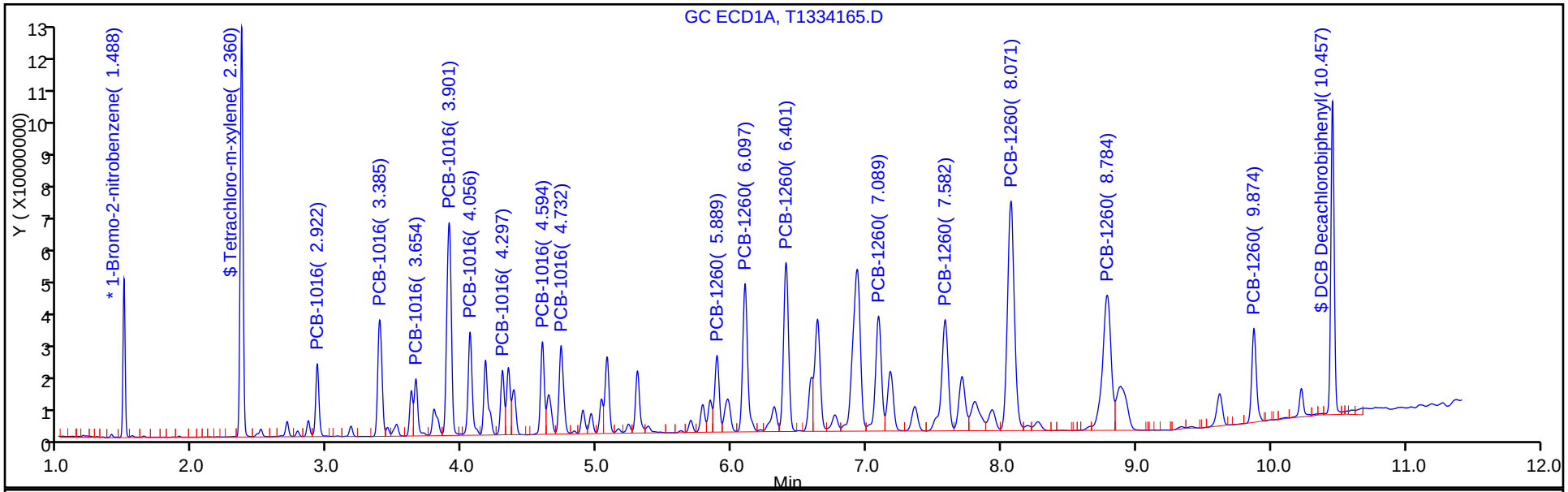
SGPCBISTD_00007 Amount Added: 20.00 Units: uL Run Reagent

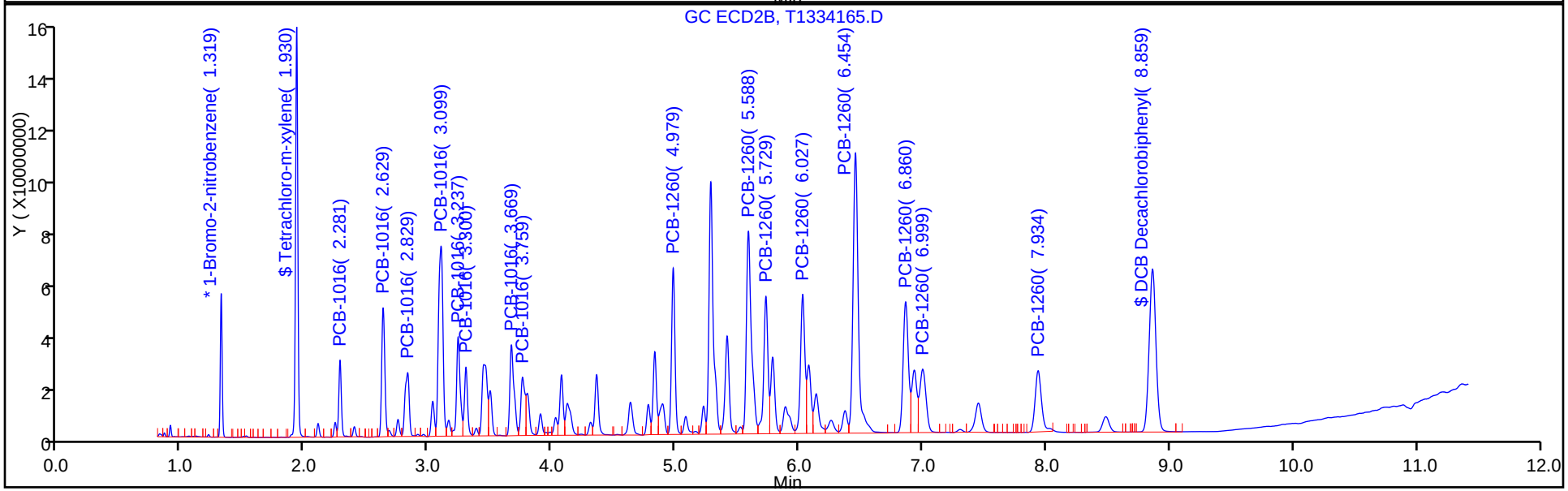
Report Date: 05-Oct-2016 11:10:23 Chrom Revision: 2.2 08-Sep-2016 14:45:52

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20161005-46450.b\T1334165.D

Injection Date:	05-Oct-2016 09:43:10	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-394557/3-A			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 06/17/2016 16:35

Analysis Batch Number: 374290 End Date: 06/17/2016 19:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		06/17/2016 16:35	1		CLP-2 0.53(mm)
ZZZZZ		06/17/2016 16:35	1		CLP-1 0.53(mm)
IC 460-374290/2		06/17/2016 16:49	1	T1329657.D	CLP-2 0.53(mm)
IC 460-374290/2		06/17/2016 16:49	1	T1329657.D	CLP-1 0.53(mm)
IC 460-374290/3		06/17/2016 17:04	1	T1329658.D	CLP-2 0.53(mm)
IC 460-374290/3		06/17/2016 17:04	1	T1329658.D	CLP-1 0.53(mm)
IC 460-374290/4 ICRT		06/17/2016 17:18	1	T1329659.D	CLP-2 0.53(mm)
IC 460-374290/4 ICRT		06/17/2016 17:18	1	T1329659.D	CLP-1 0.53(mm)
IC 460-374290/5		06/17/2016 17:33	1	T1329660.D	CLP-2 0.53(mm)
IC 460-374290/5		06/17/2016 17:33	1	T1329660.D	CLP-1 0.53(mm)
IC 460-374290/6		06/17/2016 17:47	1	T1329661.D	CLP-2 0.53(mm)
IC 460-374290/6		06/17/2016 17:47	1	T1329661.D	CLP-1 0.53(mm)
ICV 460-374290/7		06/17/2016 18:02	1	T1329662.D	CLP-2 0.53(mm)
ICV 460-374290/7		06/17/2016 18:02	1	T1329662.D	CLP-1 0.53(mm)
IC 460-374290/8		06/17/2016 18:16	1	T1329663.D	CLP-2 0.53(mm)
IC 460-374290/8		06/17/2016 18:16	1	T1329663.D	CLP-1 0.53(mm)
IC 460-374290/9		06/17/2016 18:31	1	T1329664.D	CLP-2 0.53(mm)
IC 460-374290/9		06/17/2016 18:31	1	T1329664.D	CLP-1 0.53(mm)
IC 460-374290/10		06/17/2016 18:45	1	T1329665.D	CLP-2 0.53(mm)
IC 460-374290/10		06/17/2016 18:45	1	T1329665.D	CLP-1 0.53(mm)
IC 460-374290/11		06/17/2016 19:00	1	T1329666.D	CLP-2 0.53(mm)
IC 460-374290/11		06/17/2016 19:00	1	T1329666.D	CLP-1 0.53(mm)
IC 460-374290/12		06/17/2016 19:14	1	T1329667.D	CLP-2 0.53(mm)
IC 460-374290/12		06/17/2016 19:14	1	T1329667.D	CLP-1 0.53(mm)
IC 460-374290/13		06/17/2016 19:29	1	T1329668.D	CLP-2 0.53(mm)
IC 460-374290/13		06/17/2016 19:29	1	T1329668.D	CLP-1 0.53(mm)
IC 460-374290/14		06/17/2016 19:43	1	T1329669.D	CLP-2 0.53(mm)
IC 460-374290/14		06/17/2016 19:43	1	T1329669.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/04/2016 13:09

Analysis Batch Number: 394836 End Date: 10/04/2016 21:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 13:09	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 13:09	1		Rtx-CLP 0.53(mm)
CCVIS 460-394836/2		10/04/2016 13:23	1	T1334122.D	CLP-2 0.53(mm)
CCVIS 460-394836/2		10/04/2016 13:23	1	T1334122.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 13:41	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 13:41	1		Rtx-CLP 0.53(mm)
MB 460-394557/1-A		10/04/2016 14:24	1	T1334124.D	CLP-2 0.53(mm)
MB 460-394557/1-A		10/04/2016 14:24	1	T1334124.D	Rtx-CLP 0.53(mm)
LCS 460-394557/2-A		10/04/2016 14:39	1	T1334125.D	CLP-2 0.53(mm)
LCS 460-394557/2-A		10/04/2016 14:39	1	T1334125.D	Rtx-CLP 0.53(mm)
LCSD 460-394557/3-A		10/04/2016 14:54	1	T1334126.D	CLP-2 0.53(mm)
LCSD 460-394557/3-A		10/04/2016 14:54	1	T1334126.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 15:17	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 15:17	1		Rtx-CLP 0.53(mm)
CCV 460-394836/8		10/04/2016 15:32	1		CLP-2 0.53(mm)
CCV 460-394836/8		10/04/2016 15:32	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 15:46	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 15:46	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 16:01	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 16:01	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 16:16	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 16:16	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 16:31	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 16:31	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 16:46	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 16:46	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 17:00	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 17:00	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 17:15	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 17:15	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 17:30	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 17:30	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 17:45	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 17:45	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:00	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:00	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:15	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:15	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:30	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:30	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:44	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 18:59	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 18:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:14	1		CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/04/2016 13:09

Analysis Batch Number: 394836 End Date: 10/04/2016 21:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2016 19:14	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:29	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:29	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:44	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 19:58	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 19:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:13	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:13	1		Rtx-CLP 0.53(mm)
460-121208-7		10/04/2016 20:28	1	T1334148.D	CLP-2 0.53(mm)
460-121208-7		10/04/2016 20:28	1	T1334148.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:43	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 20:58	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 20:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/04/2016 21:13	1		CLP-2 0.53(mm)
ZZZZZ		10/04/2016 21:13	1		Rtx-CLP 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/05/2016 06:22

Analysis Batch Number: 395004 End Date: 10/05/2016 13:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/05/2016 06:22	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 06:22	1		Rtx-CLP 0.53(mm)
CCVIS 460-395004/2		10/05/2016 06:37	1	T1334153.D	CLP-2 0.53(mm)
CCVIS 460-395004/2		10/05/2016 06:37	1	T1334153.D	Rtx-CLP 0.53(mm)
CCV 460-395004/3		10/05/2016 06:58	1	T1334154.D	CLP-2 0.53(mm)
CCV 460-395004/3		10/05/2016 06:58	1	T1334154.D	Rtx-CLP 0.53(mm)
CCV 460-395004/4		10/05/2016 07:14	1		CLP-2 0.53(mm)
CCV 460-395004/4		10/05/2016 07:14	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 07:29	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 07:29	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 07:44	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 07:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 07:59	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 07:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:14	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:14	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:28	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:43	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 08:58	5		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 08:58	5		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 09:13	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 09:13	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 09:28	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 09:28	1		Rtx-CLP 0.53(mm)
LCSD 460-394557/3-A RA		10/05/2016 09:43	1	T1334165.D	CLP-2 0.53(mm)
LCSD 460-394557/3-A RA		10/05/2016 09:43	1	T1334165.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 10:00	10		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 10:00	10		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 10:14	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 10:14	1		Rtx-CLP 0.53(mm)
LCS 460-394557/2-A RA		10/05/2016 10:29	1	T1334168.D	CLP-2 0.53(mm)
LCS 460-394557/2-A RA		10/05/2016 10:29	1	T1334168.D	Rtx-CLP 0.53(mm)
MB 460-394557/1-A RA		10/05/2016 10:44	1	T1334169.D	CLP-2 0.53(mm)
MB 460-394557/1-A RA		10/05/2016 10:44	1	T1334169.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 11:08	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 11:08	1		Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 11:23	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 11:23	1		Rtx-CLP 0.53(mm)
460-121208-1 DL		10/05/2016 11:43	5	T1334172.D	CLP-2 0.53(mm)
460-121208-1 DL		10/05/2016 11:43	5	T1334172.D	Rtx-CLP 0.53(mm)
460-121208-2		10/05/2016 11:58	1	T1334173.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 10/05/2016 06:22

Analysis Batch Number: 395004 End Date: 10/05/2016 13:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-121208-2		10/05/2016 11:58	1	T1334173.D	Rtx-CLP 0.53(mm)
460-121208-3		10/05/2016 12:47	1	T1334174.D	CLP-2 0.53(mm)
460-121208-3		10/05/2016 12:47	1	T1334174.D	Rtx-CLP 0.53(mm)
460-121208-4		10/05/2016 13:01	1	T1334175.D	CLP-2 0.53(mm)
460-121208-4		10/05/2016 13:01	1	T1334175.D	Rtx-CLP 0.53(mm)
ZZZZZ		10/05/2016 13:16	1		CLP-2 0.53(mm)
ZZZZZ		10/05/2016 13:16	1		Rtx-CLP 0.53(mm)
460-121208-6		10/05/2016 13:31	1	T1334177.D	CLP-2 0.53(mm)
460-121208-6		10/05/2016 13:31	1	T1334177.D	Rtx-CLP 0.53(mm)
460-121208-5 DL		10/05/2016 13:58	10	T1334178.D	CLP-2 0.53(mm)
460-121208-5 DL		10/05/2016 13:58	10	T1334178.D	Rtx-CLP 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 394557 Batch Start Date: 10/03/16 13:54 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCB SP_LVI 00010	OPPSPCBSU_LVI 00011	
MB 460-394557/1		3510C, 8082A		7 SU	250 mL	1 mL		50 uL	
LCS 460-394557/2		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
LCSD 460-394557/3		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
460-121208-F-1	MW-14	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121208-E-2	MW-9	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121208-F-3	MW-14 Filtered	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121208-D-4	MW-22	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121208-D-5	MW-18	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121208-G-6	MW-18 Filtered	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	
460-121208-F-7	FB_20160930	3510C, 8082A	T	7 SU	250 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	8082 PCB LVI
Analyst ID - Concentration	KR
Exchange Solvent ID	144869
Exchange Solvent Name	Hexane
N-evap ID	222299
N-evap Temperature	35 Celsius
Na2SO4 ID	144042
Prep Solvent ID	151768
Prep Solvent Name	MECL2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	KR
Analyst ID - Spike Analyst	KR
Uncorrected N-evap 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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121208-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
MW-14	460-121208-1
MW-9	460-121208-2
MW-14 Filtered	460-121208-3
MW-22	460-121208-4
MW-18	460-121208-5
MW-18 Filtered	460-121208-6
FB_20160930	460-121208-7

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-14 Lab Sample ID: 460-121208-1

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG ID.:

Matrix: Water Date Sampled: 09/30/2016 09:00

Reporting Basis: WET Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	199	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	13.4	2.0	2.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-9 Lab Sample ID: 460-121208-2

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG ID.:

Matrix: Water Date Sampled: 09/30/2016 09:05

Reporting Basis: WET Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	193	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	123	4.0	4.0	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-14 Filtered
Lab Sample ID: 460-121208-3
Lab Name: TestAmerica Edison
Job No.: 460-121208-1
SDG ID.:
Matrix: Water
Date Sampled: 09/30/2016 09:10
Reporting Basis: WET
Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	200	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	6.3	1.1	1.1	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-22 Lab Sample ID: 460-121208-4

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG ID.:

Matrix: Water Date Sampled: 09/30/2016 10:35

Reporting Basis: WET Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	118	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	20.0	1.3	1.3	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-18 Lab Sample ID: 460-121208-5

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG ID.:

Matrix: Water Date Sampled: 09/30/2016 10:50

Reporting Basis: WET Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	57.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	12.3	1.3	1.3	mg/L			1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-18 Filtered
Lab Sample ID: 460-121208-6
Lab Name: TestAmerica Edison
Job No.: 460-121208-1
SDG ID.:
Matrix: Water
Date Sampled: 09/30/2016 11:00
Reporting Basis: WET
Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	57.0	10.0	10.0	mg/L			1	SM 2540C
	Total Suspended Solids	1.1	1.1	1.1	mg/L	U		1	SM 2540D

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: FB_20160930 Lab Sample ID: 460-121208-7

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG ID.:

Matrix: Water Date Sampled: 09/30/2016 11:45

Reporting Basis: WET Date Received: 09/30/2016 21:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Total Dissolved Solids	10.0	10.0	10.0	mg/L	U		1	SM 2540C
	Total Suspended Solids	1.0	1.0	1.0	mg/L	U		1	SM 2540D

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 395679	Date: 10/07/2016 12:30						
SM 2540C	MB 460-395679/1	Total Dissolved Solids	10.0	U	mg/L	10.0	1
Batch ID: 395047	Date: 10/05/2016 08:59						
SM 2540D	MB 460-395047/1	Total Suspended Solids	1.0	U	mg/L	1.0	1

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 395679 Date: 10/07/2016 12:30								
SM 2540C		460-121157-C-1	Total Dissolved Solids	486	mg/L			
SM 2540C		460-121157-C-1 DU	Total Dissolved Solids	458.0	mg/L	6	5	F3
Batch ID: 395047 Date: 10/05/2016 08:59								
SM 2540D		460-121104-A-7	Total Suspended Solids	320	mg/L			
SM 2540D		460-121104-A-7 DU	Total Suspended Solids	316.7	mg/L	1	5	

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

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 395679	Date: 10/07/2016 12:30										
						LCS Source: WTtdsLCS_00091					
SM 2540C	LCSSRM 460-395679/2	Total Dissolved Solids	242.0		mg/L	274	88.3	84.3-10		9.9	
Batch ID: 395047	Date: 10/05/2016 08:59										
						LCS Source: WTtssLCS_00064					
SM 2540D	LCSSRM 460-395047/2	Total Suspended Solids	74.00		mg/L	79.0	93.7	82.7-10		7.0	

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121208-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540C MDL Date: 02/11/2014 10:19

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Dissolved Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121208-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540C XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Dissolved Solids		10	10

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121208-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540D MDL Date: 02/11/2014 10:20

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Suspended Solids		10	10

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-121208-1

SDG Number:

Matrix: Water Instrument ID: NOEQUIP

Method: SM 2540D XMDL Date: 02/11/2014 10:55

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Suspended Solids		10	10

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-121208-1

SDG No.:

Instrument ID: NOEQUIP   Method: SM 2540C

Start Date: 10/07/2016 12:30   End Date: 10/07/2016 12:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				TDS																			
MB 460-395679/1	1	T	12:30	X																			
LCSSRM 460-395679/2	1	T	12:30	X																			
ZZZZZZ			12:30																				
460-121157-C-1 DU	1	T	12:30	X																			
460-121208-1	1	T	12:30	X																			
460-121208-2	1	T	12:30	X																			
460-121208-3	1	T	12:30	X																			
460-121208-4	1	T	12:30	X																			
ZZZZZZ			12:30																				
460-121208-5	1	T	12:30	X																			
460-121208-6	1	T	12:30	X																			
460-121208-7	1	T	12:30	X																			
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				
ZZZZZZ			12:30																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540D

Start Date: 10/05/2016 08:59 End Date: 10/05/2016 08:59

Lab Sample ID	D/F	Type	Time	Analytes: TSS
MB 460-395047/1	1	T	08:59	X
LCSSRM 460-395047/2	1	T	08:59	X
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
ZZZZZZ			08:59	
460-121104-A-7 DU	1	T	08:59	X
ZZZZZZ			08:59	
460-121208-1	1	T	08:59	X
460-121208-2	1	T	08:59	X
460-121208-3	1	T	08:59	X
460-121208-4	1	T	08:59	X
460-121208-5	1	T	08:59	X
460-121208-6	1	T	08:59	X
460-121208-7	1	T	08:59	X
ZZZZZZ			08:59	

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 395679 Batch Start Date: 10/07/16 12:30 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/10/16 15:47

Lab Sample ID	Client Sample ID	Method Chain	Basis	Conductivity	CrucibleID	InitialAmount	TareWeight	Weight1	Weight2
MB 460-395679/1		SM 2540C			E1	100 mL	67.2062 g	67.2062 g	67.2063 g
LCSSRM 460-395679/2		SM 2540C			QY	50 mL	65.1055 g	65.1177 g	65.1176 g
460-121157-C-1 DU		SM 2540C	T		PK	50 mL	71.3056 g	71.3289 g	71.3285 g
460-121208-I-1	MW-14	SM 2540C	T	328 umhos/cm	TC	100 mL	67.2200 g	67.2394 g	67.2399 g
460-121208-H-2	MW-9	SM 2540C	T	400 umhos/cm	F2	100 mL	65.6240 g	65.6435 g	65.6433 g
460-121208-I-3	MW-14 Filtered	SM 2540C	T	336 umhos/cm	QR	100 mL	64.9089 g	64.9285 g	64.9289 g
460-121208-H-4	MW-22	SM 2540C	T	164 umhos/cm	JJ	100 mL	65.7870 g	65.7985 g	65.7988 g
460-121208-H-5	MW-18	SM 2540C	T	95.2 umhos/cm	EW	100 mL	63.3654 g	63.3714 g	63.3711 g
460-121208-I-6	MW-18 Filtered	SM 2540C	T	98.5 umhos/cm	F6	100 mL	64.7876 g	64.7929 g	64.7933 g
460-121208-H-7	FB_20160930	SM 2540C	T	<5 umhos/cm	TE	100 mL	65.0658 g	65.0657 g	65.0655 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Weight4OK	Residue	Residue2
MB 460-395679/1		SM 2540C		67.2065 g	Pass No Unit	Pass No Unit	N/A	0 g	0.0001 g
LCSSRM 460-395679/2		SM 2540C		65.1176 g	Pass No Unit	Pass No Unit	N/A	0.0122 g	0.0121 g
460-121157-C-1 DU		SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0233 g	0.0229 g
460-121208-I-1	MW-14	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0194 g	0.0199 g
460-121208-H-2	MW-9	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0195 g	0.0193 g
460-121208-I-3	MW-14 Filtered	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0196 g	0.02 g
460-121208-H-4	MW-22	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0115 g	0.0118 g
460-121208-H-5	MW-18	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.006 g	0.0057 g
460-121208-I-6	MW-18 Filtered	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	0.0053 g	0.0057 g
460-121208-H-7	FB_20160930	SM 2540C	T	0 g	Pass No Unit	N/A No Unit	N/A	-0.0001 g	-0.0003 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00091	
MB 460-395679/1		SM 2540C		0.0003 g	N/A g	100 mL	OK		
LCSSRM 460-395679/2		SM 2540C		0.0121 g	N/A g	100 mL	OK	50 mL	
460-121157-C-1 DU		SM 2540C	T	N/A g	N/A g	100 mL	OK		

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.: 460-121208-1

SDG No.:

Batch Number: 395679 Batch Start Date: 10/07/16 12:30 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/10/16 15:47

Lab Sample ID	Client Sample ID	Method Chain	Basis	Residue3	Residue4	FinalAmount	CalcMsg	WTtdsLCS 00091	
460-121208-I-1	MW-14	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121208-H-2	MW-9	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121208-I-3	MW-14 Filtered	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121208-H-4	MW-22	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121208-H-5	MW-18	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121208-I-6	MW-18 Filtered	SM 2540C	T	N/A g	N/A g	100 mL	OK		
460-121208-H-7	FB_20160930	SM 2540C	T	N/A g	N/A g	100 mL	OK		

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.: 460-121208-1

SDG No.:

Batch Number: 395679 Batch Start Date: 10/07/16 12:30 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540C Batch End Date: 10/10/16 15:47

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-10-16@9:58
Constant Weight (WT2) Date/Time Out	10-10-16@11:00
Constant Weight (WT2) Temp In	180C Degrees C
Constant Weight (WT2) Temp Out	180C Degrees C
Uncorrected CW (Wt2) Temp In	181C Degrees C
Uncorrected CW (Wt2) Temp Out	181C Degrees C
Constant Weight (WT3) Date/time In	10-10-16@12:07
Constant Weight (WT3) Date/Time Out	10-10-16@13:10
Constant Weight (WT3) Temp In	180C Degrees C
Constant Weight (WT3) Temp Out	180C Degrees C
Uncorrected CW (Wt3) Temp In	181C Degrees C
Uncorrected CW (Wt3) Temp Out	181C Degrees C
Corrected Temperature in Oven	104 Degrees C
Corrected Temperature out of Oven	104 Degrees C
Date/Time Samples placed in Oven	10-7-16@13:12
Date/Time Samples Removed from Oven	10-8-16@12:00
Nominal Amount Used	100 mL
Oven ID	36221
Uncorrected In Temperature	107 Degrees C
Uncorrected Out Temperature	107 Degrees C
Weight(WT1) Start Date/Time	10-10-16@7:15
Weight(WT1) Date/Time Out	10-10-16@8:31
Weight(WT1) Start Temp	180C Degrees C
Weight(WT1) Temp Out	180C Degrees C
Uncorrected Weight(WT1) Start Temp	181C Degrees C
Uncorrected Weight(WT1) Temp Out	181C 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.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 395047 Batch Start Date: 10/05/16 08:59 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/05/16 14:49

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	CrucibleID	TareWeight	InitialAmount	Weight1	Weight2
MB 460-395047/1		SM 2540D		100 mL	FL6J3 0.1177	0.1177 g	1000 mL	0.1177 g	0.1179 g
LCSSRM 460-395047/2		SM 2540D		100 mL	FL6J4 0.1162	0.1162 g	50 mL	0.1199 g	0.1199 g
460-121104-A-7 DU		SM 2540D	T	100 mL	FL6JJ 0.1162	0.1162 g	30 mL	0.1259 g	0.1257 g
460-121208-I-1	MW-14	SM 2540D	T	100 mL	FL6JM 0.1165	0.1165 g	500 mL	0.1232 g	0.1232 g
460-121208-I-2	MW-9	SM 2540D	T	100 mL	FL6JL 0.1166	0.1166 g	250 mL	0.1478 g	0.1474 g
460-121208-I-3	MW-14 Filtered	SM 2540D	T	100 mL	FL6JN 0.1159	0.1159 g	900 mL	0.1212 g	0.1216 g
460-121208-I-4	MW-22	SM 2540D	T	100 mL	FL6JP 0.1166	0.1166 g	750 mL	0.1314 g	0.1316 g
460-121208-I-5	MW-18	SM 2540D	T	100 mL	FL6JQ 0.1166	0.1166 g	750 mL	0.1261 g	0.1258 g
460-121208-I-6	MW-18 Filtered	SM 2540D	T	100 mL	FL6JS 0.1169	0.1169 g	900 mL	0.1176 g	0.1175 g
460-121208-I-7	FB_20160930	SM 2540D	T	100 mL	FL6JR 0.1175	0.1175 g	1000 mL	0.1177 g	0.1175 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	Residue	Residue2	ResDishWt	DishWeight
MB 460-395047/1		SM 2540D		0 g	PASS <0.5mg	0 g	0.0002 g	0.1179 g	0.1177 g
LCSSRM 460-395047/2		SM 2540D		0 g	PASS <0.5mg	0.0037 g	0.0037 g	0.1199 g	0.1162 g
460-121104-A-7 DU		SM 2540D	T	0 g	PASS <0.5mg	0.0097 g	0.0095 g	0.1257 g	0.1162 g
460-121208-I-1	MW-14	SM 2540D	T	0 g	PASS <0.5mg	0.0067 g	0.0067 g	0.1232 g	0.1165 g
460-121208-I-2	MW-9	SM 2540D	T	0 g	PASS <0.5mg	0.0312 g	0.0308 g	0.1474 g	0.1166 g
460-121208-I-3	MW-14 Filtered	SM 2540D	T	0 g	PASS <0.5mg	0.0053 g	0.0057 g	0.1216 g	0.1159 g
460-121208-I-4	MW-22	SM 2540D	T	0 g	PASS <0.5mg	0.0148 g	0.015 g	0.1316 g	0.1166 g
460-121208-I-5	MW-18	SM 2540D	T	0 g	PASS <0.5mg	0.0095 g	0.0092 g	0.1258 g	0.1166 g
460-121208-I-6	MW-18 Filtered	SM 2540D	T	0 g	PASS <0.5mg	0.0007 g	0.0006 g	0.1175 g	0.1169 g
460-121208-I-7	FB_20160930	SM 2540D	T	0 g	PASS <0.5mg	0.0002 g	0 g	0.1175 g	0.1175 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
MB 460-395047/1		SM 2540D							
LCSSRM 460-395047/2		SM 2540D		50 mL					
460-121104-A-7 DU		SM 2540D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-121208-1

SDG No.:

Batch Number: 395047 Batch Start Date: 10/05/16 08:59 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540D Batch End Date: 10/05/16 14:49

Lab Sample ID	Client Sample ID	Method Chain	Basis	WTtssLCS 00064					
460-121208-I-1	MW-14	SM 2540D	T						
460-121208-I-2	MW-9	SM 2540D	T						
460-121208-I-3	MW-14 Filtered	SM 2540D	T						
460-121208-I-4	MW-22	SM 2540D	T						
460-121208-I-5	MW-18	SM 2540D	T						
460-121208-I-6	MW-18 Filtered	SM 2540D	T						
460-121208-I-7	FB_20160930	SM 2540D	T						

Batch Notes	
Balance ID	27
Constant Weight (WT2) Date/Time In	10-5-16@11:52
Constant Weight (WT2) Date/Time Out	10-5-16@13:15
Constant Weight (WT2) Temp In	104 Celsius
Constant Weight (WT2) Temp Out	104 Celsius
Uncorrected CW (Wt2) Temp In	102 Celsius
Uncorrected CW (Wt2) Temp Out	102 Celsius
Corrected Temperature in Oven	104 Celsius
Corrected Temperature out of Oven	104 Celsius
Date/Time Samples placed in Oven	10-5-16@9:43
Date/Time Samples Removed from Oven	10-5-16@11:00
Filter Paper ID	EnviroExpress 600015 6251 R1
Nominal Amount Used	100 mL
Oven ID	36233
Perform Calculation (0=No, 1=Yes)	1
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.

Shipping and Receiving Documents

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

lew Durham Road
n, New Jersey 08817
: (732) 549-3900 Fax: (732) 549-3679

460-121208 Chain of Custody

CHAIN OF CUSTODY / A

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) D. O'Donnell A. [illegible]	Site/Project Identification McCandless	
Company Antea Group	P. O. # 8E08 12485P	State (Location of site): NJ: X NY: Other:	
		Regulatory Program: NJDEP	DKQP:
Address 500 Summit Lake Dr. Suite 150	Analysis Turnaround Time: Standard X		
City Valhalla State NY	Rush Charges Authorized For: 2 Week 1 Week Other		
Phone 949-375-1174 Fax			

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 121208

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC +10 624.5	BN+15 625	PCBs 8082A	TDS 2540C	TSS 2540D	Sample Numbers
MW-14	9/30/16	0900	GW	9	X	X	X	X	X	1
MW-9		0905								2
MW-14 Filtered		0910								3
MW-22		1035								4
MW-18		1050								5
MW-18 Filtered		1100								6
FB-20160930		1145	Blank							7
Trip Blank		-		3						8

5-Day RUSH

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:									
Water:	12	1	1	1	1				

Special Instructions Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by	Antea Group	9/30/16 1300	Received by 1)	TA 9/20/16 1300
Relinquished by 2)	TA	9/30/16 1735	Received by 2)	
Relinquished by 3)		9/30/16 1918	Received by 3)	
Relinquished by 4)		9/20 2100	Received by 4)	TA Edison

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 (0718)

4.4°C

9/30/16 2100

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 42208

Number of Coolers: 1 IR Gun # 17

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.4 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and 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.*

Initials: K-L Date: 9/30/16

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-121208-1

Login Number: 121208
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

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	
Cooler Temperature is recorded.	True	4.4°C, IR #7
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 (excluding tests with immediate HTs)	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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.