FPM group _____ Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA EMAIL

November 8, 2017

Mr. John C. Sheehan, Engineering Geologist 2
Division of Environmental Remediation
New York State Department of Environmental Conservation
50 Circle Road
Stony Brook, NY 11790-3409

Re: **Groundwater Monitoring Report**
Izzy's Dry Cleaner Facility, NYSDEC Order on Consent #130200
926, 928 and 930 Woodbury Road, Woodbury, NY
FPM File No. 1125g-17-15

Dear John:

On September 8, 2017 FPM Group (FPM) conducted groundwater monitoring at the above-referenced property in accordance with the Site Management Plan (SMP) for the property approved by the New York State Department of Environmental Conservation (NYSDEC). The monitoring procedures and results, and our conclusions and recommendations are described below. The groundwater monitoring well locations are shown on Figure 1 (attached). It should be noted that wells MW-1 through MW-3 are installed to monitor perched groundwater and wells MW-4 through MW-6 are installed at the top of the regional water table aquifer.

Groundwater Monitoring Procedures and Results

Groundwater Level Measurements and Flow Direction

Water level measurements obtained during the monitoring event were used to evaluate the site-specific groundwater flow directions. Each monitoring well was accessed and the depth to water and total depth were recorded to the nearest 0.01 foot using a decontaminated Solinst water level indicator. The depth-to-water measurements were integrated with previously-obtained top of casing relative elevations to compute the groundwater relative elevation for each well; the resulting data are shown on Table 1.

Groundwater relative elevations for perched water wells MW-1 through MW-3 were noted to be very similar (all within 0.02 feet), as shown in Figure 2. The calculated gradient is 0.0002, which is very low and indicates that the surface of the perched groundwater is nearly flat. The perched groundwater flow direction is interpreted to be generally to the east during this monitoring event. Well MW-1 is located in close proximity to the former dry cleaner, with MW-2 located in the

downgradient direction and MW-3 located crossgradient. These locations are consistent with the groundwater chemical analytical data, as discussed below.

The groundwater relative elevations for monitoring wells installed in the Upper Glacial Aquifer (MW-4 through MW-6) are depicted on Figure 3. The groundwater flow direction for the water table aquifer during this monitoring event was generally to the west. Similar to the perched groundwater, the calculated gradient is very low (0.0002), indicating that the water table surface is nearly flat. Well MW-4 is located in close proximity to the former dry cleaner, with MW-5 located in the current upgradient direction and MW-6 located crossgradient.

We note that these results are somewhat different from the previously-obtained data, which were interpreted to generally show a flow direction to the south. Collectively, the groundwater flow direction data suggest that groundwater flow in this area may be somewhat variable, as may be expected for a property near the regional groundwater divide, as this property is. This variability also appears to be consistent with the groundwater chemical analytical data, as discussed below.

Groundwater Sampling Procedures and Results

Following water level measurement, each well was purged using industry-standard techniques. Groundwater parameters were monitored every 5 minutes and recorded. Each well was sampled after the groundwater parameters were noted to be acceptably stable. Groundwater sampling forms were completed to document the sampling procedures and are included in Attachment A.

The samples were placed in laboratory-provided glassware and transmitted to a New York State Department of Health (NYSDOH) ELAP-certified laboratory to be analyzed for Target Compound List (TCL) volatile organic compounds (VOCs). The summarized analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards (Standards) and are shown in Table 2. The results for previously-collected samples are also shown on Table 2 for comparison. The laboratory report is included in Attachment B and the data are in the process of being uploaded to the NYSDEC's electronic data management system.

We note that PCE was the only VOC detected in excess of its NYSDEC Standard during this monitoring event, as discussed below. We also note that trichloroethene (TCE) and cis-1,2-dichloroethene (1,2-DCE), which are common breakdown products of PCE, were not detected in any of the groundwater samples during this event or previous events.

Although low concentrations of PCE were detected in five of the six wells during this monitoring event, all of the detected concentrations were below the NYSDEC Standard for PCE with the exception of well MW-1, where PCE was detected at 6.3 µg/l, slightly above its Standard of 5 µg/l. MW-1 is installed into perched groundwater in close proximity to the former dry cleaner. MW-2, which is installed into perched groundwater downgradient of MW-1, contained only a low estimated concentration of PCE (0.12 J ug/l), well below the Standard. PCE was not detected in the crossgradient perched groundwater at well MW-3. This distribution of PCE in the perched groundwater is consistent with a low-level PCE plume that is dissipating over time following removal of the source. This plume is presently found only in the immediate proximity of the former source area.

In the deeper water table aquifer, none of the PCE detections exceeded the NYSDEC Standard. The highest PCE concentration (4.9 ug/l) was found in the immediate proximity of the former dry

cleaner, with lower concentrations detected at the other water table wells. The presence of PCE in these other wells, which are presently upgradient and crossgradient of the former source area, is consistent with the very low gradient of the water table and variability in the groundwater flow direction over time due to the property's location in proximity to the regional groundwater divide.

As shown on Table 2, PCE concentrations in each of the wells have declined over time. For the perched groundwater wells MW-1 through MW-3, PCE concentrations in 2009 ranged from 13.6 to 42.2 µg/l and were all noted to exceed the Standard. At present, PCE concentrations in these wells are all below the Standard, with the exception of MW-1. For the Upper Glacial Aquifer wells MW-4 through MW-6, PCE concentrations in 2010 ranged from 20.2 to 34.6 µg/l and all exceeded the Standard. PCE concentrations in these wells have also declined and are currently all below the Standard. These data are consistent with the cessation of discharges associated with the former dry cleaner, the removal of PCE-impacted materials, and the absence of a significant source of PCE at this site.

Data Usability

A Data Usability Summary Report (DUSR) was prepared and is included in Attachment C. The groundwater samples were reported to have been collected in accordance with the NYSDEC-approved QAPP and field sampling plan for this site. No field or laboratory conditions occurred that would result in non-valid analytical data for the site-related VOCs. The data were deemed of adequate quality for their intended purpose.

Conclusions and Recommendations

Based on the current and previous groundwater monitoring data, the following observations and conclusions are noted:

- The perched groundwater beneath the property presently shows a flow direction to the east with a very low gradient. The deeper water table aquifer presently shows a flow direction to the west with a very low gradient. The low gradients and somewhat variable flow directions measured over time are consistent with the property's location near the regional groundwater divide;

- No VOCs, with the exception of PCE, were detected in excess of the NYSDEC Standards and neither of the typical PCE breakdown products (TCE and 1,2-DCE) were detected in any of the wells during this sampling event or previous sampling events. These data indicate that PCE is the only site-related VOC that presents a concern;

- PCE was detected in 5 of the 6 wells, but all of the detected concentrations were below the NYSDEC Standard with the exception of well MW-1 (perched groundwater in immediate proximity of the former dry cleaner), where PCE was detected at 6.3 µg/l, slightly above its Standard of 5 µg/l. PCE was detected at a much lower estimated concentration at perched groundwater monitoring well MW-2, located downgradient of the former dry cleaner. PCE did not exceed its Standard in any of the deeper water table aquifer wells. These data indicate that PCE impacts exceeding applicable criteria are now limited to the perched groundwater in immediate proximity to the former source area and are absent in the regional water table aquifer; and

- PCE concentrations in each of the wells have declined over time, which is consistent with the cessation of discharges associated with the former dry cleaner, the removal of PCE-impacted materials, and the absence of a significant source of PCE at this site. It is anticipated that the very limited and low-level site-related PCE impacts in groundwater will continue to decline.

Based on these observations and conclusions, we make the following recommendations:

- The groundwater monitoring program for this site has served its purpose by documenting the expected decline in groundwater impacts following the cessation of discharges and removal of source materials. Only one well in perched groundwater in immediate proximity to the former source area continues to show a very low exceedance of the NYSDEC Standard for PCE. The data from this well document a decrease in PCE concentrations over time, as do the data from all of the other site monitoring wells. Additional groundwater monitoring is not likely to provide any meaningful data regarding further improvements to groundwater quality at this site. Therefore, it is recommended that the groundwater monitoring program be terminated; and

- If the groundwater monitoring program is terminated, then the site's groundwater monitoring wells should be properly abandoned in accordance with the provisions of the SMP and the SMP should be revised accordingly.

A NYSDEC response is requested regarding the above recommendations. Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 228.

Sincerely,

Stephanie O. Davis, P.G.

Stephanie O. Davis, PG
Senior Project Manager
Vice President

SOD:sod
Attachments

Cc: Mr. Ken Littlefield
Barry Cohen, Esq.

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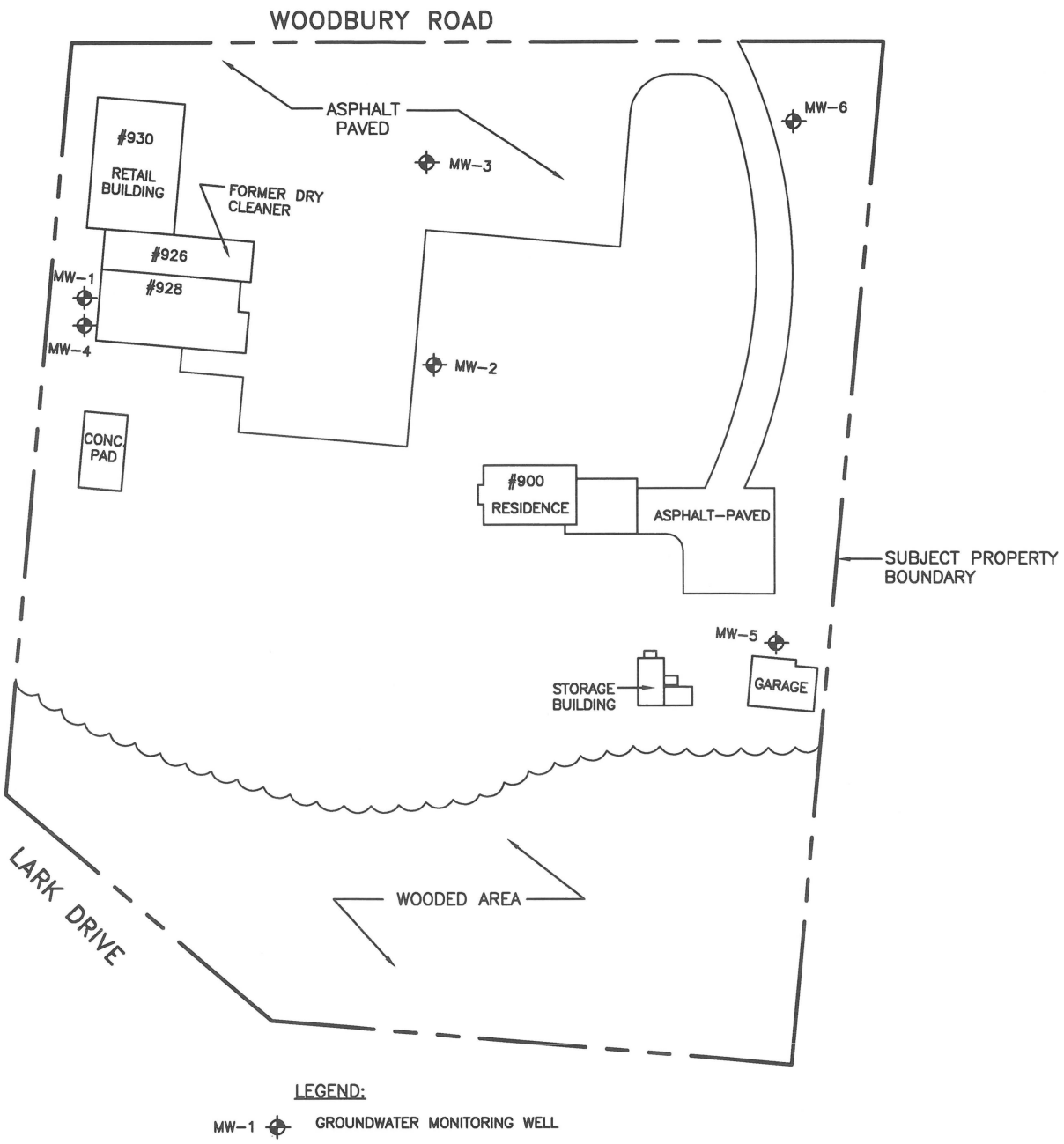

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FIGURE 1
SITE PLAN
900 – 930 WOODBURY ROAD
WOODBURY, NEW YORK

Drawn By: H.C.	Checked By: S.D.	Date: 9/28/17

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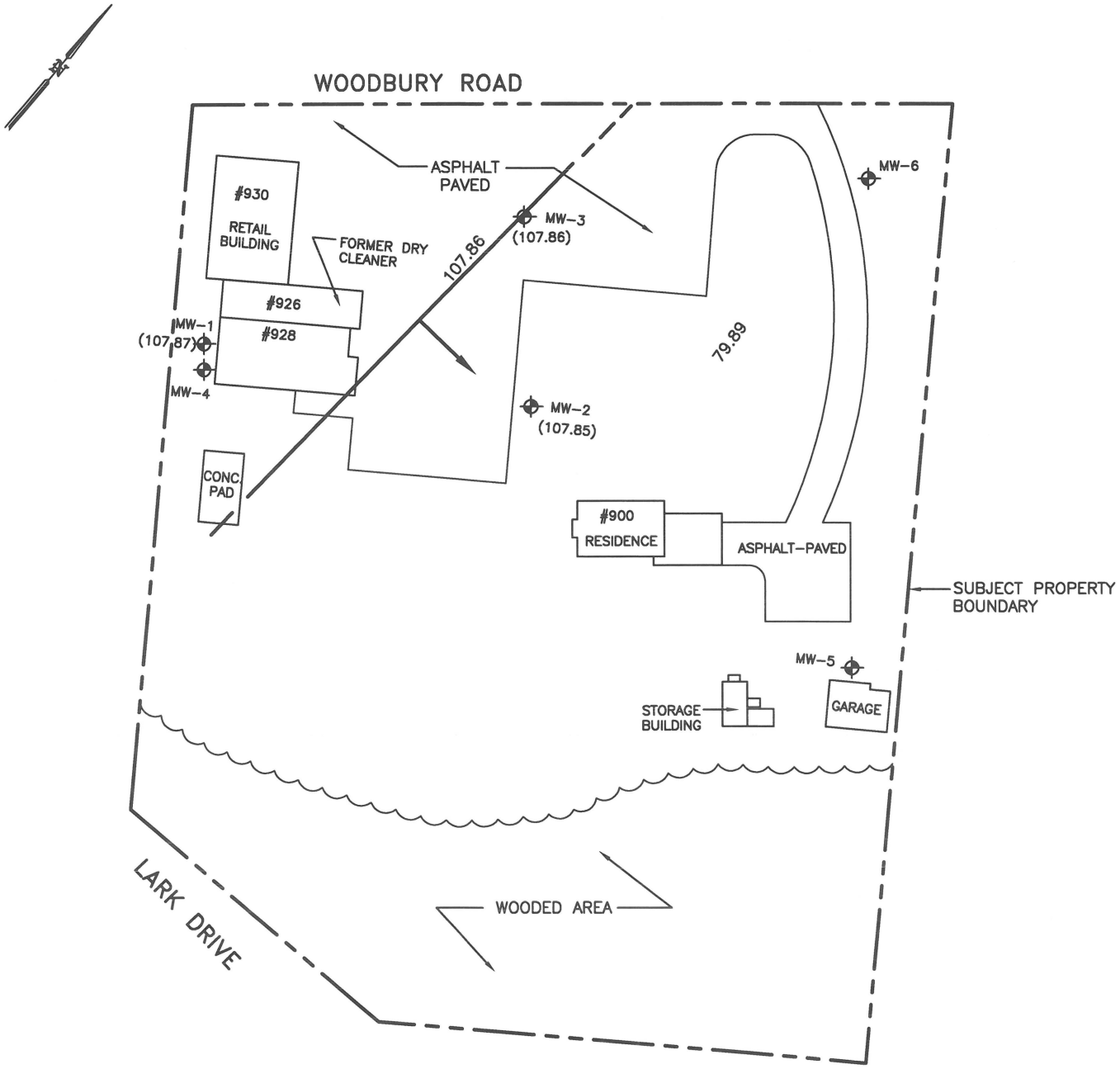

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FIGURE 2
PERCHED GROUNDWATER FLOW DIRECTION
900 – 930 WOODBURY ROAD
WOODBURY, NEW YORK

Drawn By: H.C.	Checked By: S.D.	Date: 9/28/17

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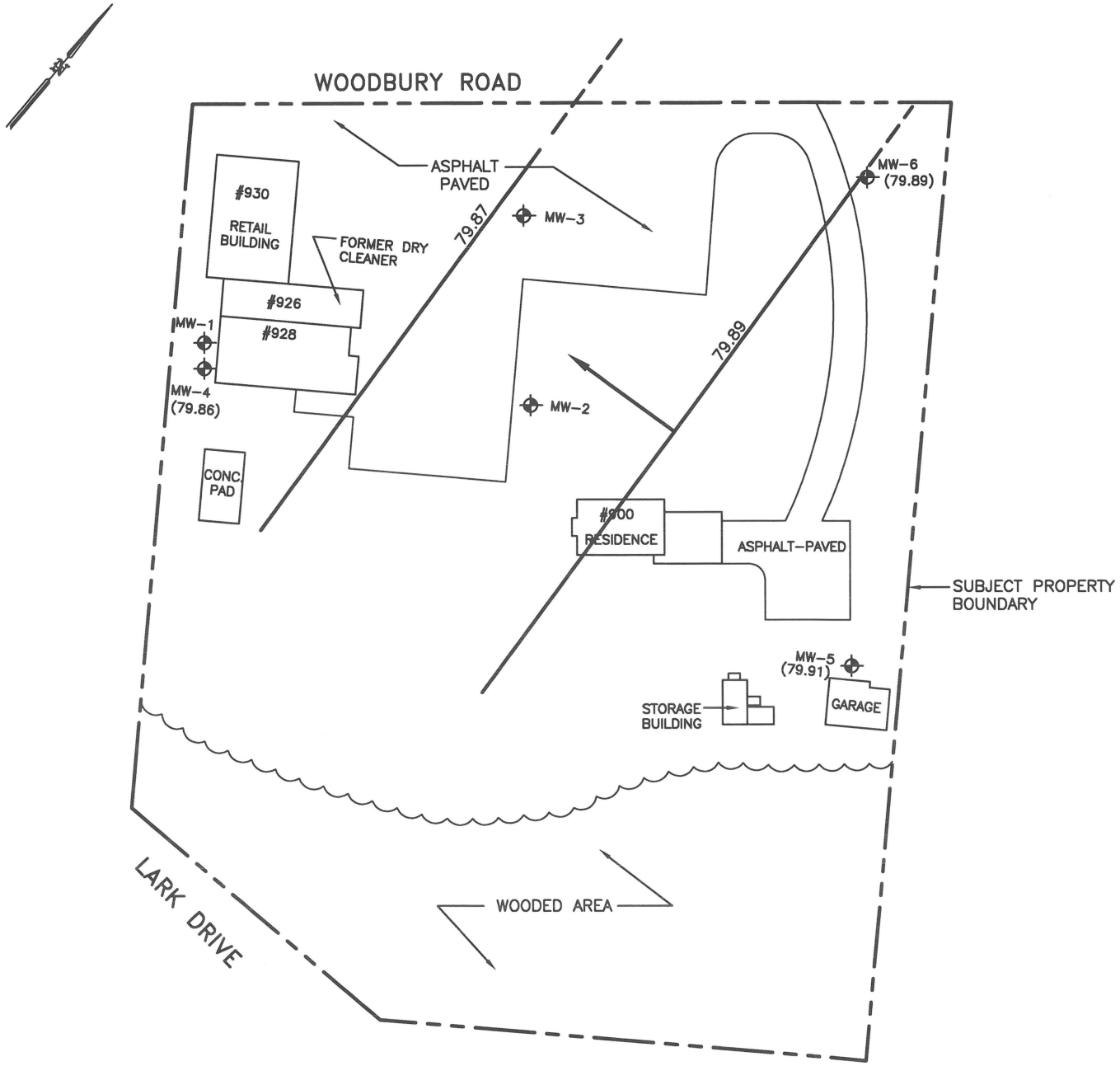

LEGEND:

MW-1 (79.91) — GROUNDWATER MONITORING WELL WITH GROUNDWATER RELATIVE ELEVATION (FEET)

(79.89) — GROUNDWATER RELATIVE ELEVATION CONTOUR

GROUNDWATER FLOW DIRECTION

APPROXIMATE SCALE

0' 40' 80' 160'

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FIGURE 3
WATER TABLE GROUNDWATER FLOW DIRECTION
900 – 930 WOODBURY ROAD
WOODBURY, NEW YORK

Drawn By: H.C.	Checked By: S.D.	Date: 9/28/17

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TABLE 1
GROUNDWATER RELATIVE ELEVATION DATA
900-930 WOODBURY ROAD
WOODBURY, NEW YORK

PERCHED GROUNDWATER

Well No.	MW-1					MW-2					MW-3				
Total Well Depth (ft)	99.8					99.8					95.41				
Top of Casing Relative Elevation (ft)	196.68					197.83					197.38				
Depth to Water (ft)	87.37	-	Dry	-	88.81	88.53	-	87.77	-	89.98	88.03	-	87.35	-	89.52
Groundwater Relative Elevation (ft)	87.37	-	Dry	-	107.87	88.53	-	87.77	-	107.85	88.03	-	87.35	-	107.86
Sample Date	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17

WATER TABLE

Well No.	MW-4					MW-5					MW-6				
Total Well Depth (ft)	162.4					128.8					126.9				
Top of Casing Relative Elevation (ft)	196.73					200.00					200.58				
Depth to Water (ft)	105.84	-	106.15	-	116.87	108.84	-	109.28	-	120.09	109.49	-	109.74	-	120.69
Groundwater Relative Elevation (ft)	90.89	-	90.58	-	79.86	108.84	-	109.28	-	79.91	109.49	-	109.74	-	79.89
Sample Date	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17

Notes:

- = not measured

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TABLE 2
GROUNDWATER CHEMICAL ANALYTICAL DATA
900-930 WOODBURY ROAD
WOODBURY, NEW YORK

Well No.	MW-1					MW-2					MW-3					NYSDEC Class GA Ambient Water Quality Standards
Formation	Perched Water					Perched Water					Perched Water					
Total Well Depth (ft)	99.8					99.8					95.41					
Depth to Water (ft)	87.37	-	Dry*	-	88.81	88.53	-	87.77	-	89.98	88.03	-	87.35	-	89.52	
Sample Date	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	
Target Compound List Volatile Organic Compounds in micrograms per liter																
Bromodichloromethane	ND	NS	Dry*	ND	ND	ND	NS	ND	ND	ND	ND	NS	ND	ND	ND	**
Bromoform	-	NS	Dry*	-	0.53 J	-	NS	-	-	ND	-	NS	-	-	0.25 J	**
Chlorodibromomethane	-	NS	Dry*	-	0.48 J	-	NS	-	-	ND	-	NS	-	-	0.22 J	**
Chloroform	ND	NS	Dry*	ND	0.28 J	ND	NS	ND	ND	ND	ND	NS	ND	ND	0.24 J	7
Dichlorobromomethane	-	NS	Dry*	-	0.23 J	-	NS	-	-	ND	-	NS	-	-	0.21 J	**
Tetrachloroethene	**42.2**	NS	Dry*	ND	**6.3**	**13.6**	NS	**9.96**	ND	0.12 J	**17.8**	NS	**9.57**	ND	ND	5

Well No.	MW-4					MW-5					MW-6					NYSDEC Class GA Ambient Water Quality Standards
Formation	Water Table					Water Table					Water Table					
Total Well Depth (ft)	162.4					128.8					126.9					
Depth to Water (ft)	105.84	-	106.15	-	116.87	108.84	-	109.28	-	120.09	109.49	-	109.74	-	120.69	
Sample Date	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	5/28/09	7/12/10	12/28/11	11/26/13	9/8/17	
Target Compound List Volatile Organic Compounds in micrograms per liter																
Bromodichloromethane	NS	12.2	ND	ND	ND	NS	ND	ND	ND	ND	NS	ND	ND	ND	ND	**
Bromoform	NS	-	-	-	0.20 J	NS	-	-	-	ND	NS	-	-	-	ND	**
Chlorodibromomethane	NS	-	-	-	0.23 J	NS	-	-	-	ND	NS	-	-	-	ND	**
Chloroform	NS	**211.0**	ND	ND	0.29 J	NS	ND	ND	ND	0.85 J	NS	**11.4**	ND	ND	ND	7
Dichlorobromomethane	NS	-	-	-	0.24 J	NS	-	-	-	ND	NS	-	-	-	ND	**
Tetrachloroethene	NS	**34.6**	**15.4**	**11.6**	4.9	NS	**24.5**	**12.2**	**7.53**	0.78 J	NS	**20.2**	**7.47**	**5.73**	2.1	5

Notes:

ND = Not detected at or above instrument detection limit.
NS = Not sampled.
- = Not available.
Dry* = Well was reportedly dry at the time of sampling.
J = Estimated concentration less than the quantitation limit but greater than zero.
** = No Standard
NYSDEC = New York State Department of Environmental Conservation.
Bold shaded values exceed the NYSDEC Class GA Ambient Water Quality Standard.

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ATTACHMENT A

GROUNDWATER SAMPLING FORMS

FPM

WELL SAMPLING DATA FORM

Project: 900 Woodbury Rd

Location: Woodbury

Well No.: MW-1 Well Diameter: 2 inch

Date: 9/8/17 Start Time: 0630

Weather: Clear 70°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 99.5 Feet.

Depth to Water: 88.81 Feet.

Height of Water Column: 10.69 Feet.

Water Volume in Casing: 1.71 Gallons.

Water Volume to be Purged: 5.13 Gallons.

Water Volume Actually Purged: 6 Gallons.

Purge Method: Dedicated bailer

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)C	Turbidity (NTU)
	3	5.99	311	13.2	845
	5	5.80	208	13.0	179
	6	5.83	275	13.1	211

Sampling and Analytical Methods: Disposable Bailer / TCL VOCs

Laboratory Name and Location: TA-CT

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FPM

WELL SAMPLING DATA FORM

Project: 700 Woodbury Rd

Location: Woodbury

Well No.: MW-2 Well Diameter: _____

Date: 9/8/17 Start Time: _____

Weather: Clear 70°F Finish Time: _____

Sampled By: JBB

Depth to Bottom of Well: 99 Feet.

Depth to Water: ~~89.8~~ 89.98 Feet.

Height of Water Column: 9.02 Feet.

Water Volume in Casing: 1.44 Gallons.

Water Volume to be Purged: 4.3 Gallons.

Water Volume Actually Purged: 5 Gallons.

Purge Method: Submersible low flow pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	2.25	5.69	117	14.2	96
	4.00	5.88	176	13.4	180
	5.0	5.81	159	13.4	111

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: Test America - CT

FPM

WELL SAMPLING DATA FORM

Project: 900 Woodbury

Location: Woodbury, NY

Well No.: MW-3 Well Diameter: 2 inch

Date: 9/8/17 Start Time: _____

Weather: Clear 70°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 96 Feet.

Depth to Water: 89.52 Feet.

Height of Water Column: 6.48 Feet.

Water Volume in Casing: 1.33 Gallons.

Water Volume to be Purged: 4.01 Gallons.

Water Volume Actually Purged: 5 Gallons.

Purge Method: Poly tubing / check valve

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	2.0	5.79	556	14.9	>1000
	3.5	5.91	490	14.2	>1000
	5.0	5.96	481	14.2	376

Sampling and Analytical Methods: Disposable bailer / TCL VOCs

Laboratory Name and Location: TA - CT

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FPM

WELL SAMPLING DATA FORM

Project: 900 Woodbury

Location: Woodbury, NY

Well No.: MW-4 Well Diameter: 2 inch

Date: 9/8/17 Start Time: _____

Weather: Clear 70°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 163 Feet.

Depth to Water: 116.87 Feet.

Height of Water Column: ~46 Feet.

Water Volume in Casing: 7.36 Gallons.

Water Volume to be Purged: 22.08 Gallons.

Water Volume Actually Purged: 23 Gallons.

Purge Method: Low flow submersible pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	8	6.23	214	14.1	170
	16	5.87	197	13.4	261
	23	5.96	181	13.3	141

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: TestAmerica - CT

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FPM

WELL SAMPLING DATA FORM

Project: 900 Woodbury Rd

Location: Woodbury

Well No.: MW-5 Well Diameter: 2 in

Date: 9/8/17 Start Time: _____

Weather: Clear 70°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 128 Feet.

Depth to Water: 120.09 Feet.

Height of Water Column: 7.91 Feet.

Water Volume in Casing: 1.27 Gallons.

Water Volume to be Purged: 3.8 Gallons.

Water Volume Actually Purged: 4.0 Gallons.

Purge Method: Low flow submersible pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)C	Turbidity (NTU)
	1.5	5.97	341	14.0	379
	3.0	5.71	301	13.3	301
	4.0	5.75	311	13.0	288

Sampling and Analytical Methods: TCL-VOCs

Laboratory Name and Location: Test America - CT

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FPM

WELL SAMPLING DATA FORM

Project: 900 Woodbury Rd

Location: Woodbury

Well No.: MW-6 Well Diameter: 2in

Date: 9/8/17 Start Time: _____

Weather: Clear 70°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 126 Feet.

Depth to Water: 120.69 Feet.

Height of Water Column: 5.31 Feet.

Water Volume in Casing: 0.84 Gallons.

Water Volume to be Purged: 2.5 Gallons.

Water Volume Actually Purged: 3 Gallons.

Purge Method: Low-flow submersible pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	1	6.17	190	13.5	71000
	2	5.89	248	13.1	179
	3	5.93	240	13.0	268

Sampling and Analytical Methods: TCL VOCs

Laboratory Name and Location: TestAmerica - CT

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FPM

ATTACHMENT B

LABORATORY REPORT

FPM

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-141360-1

Job Description: 900 Woodbury

For:
FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: Mr. John Bukoski

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
9/26/2017 9:34 AM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
09/26/2017

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-141360-1

Job Description: 900 Woodbury

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Melissa Haas
Project Manager I
9/26/2017 9:34 AM

Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: FPM Group Limited

Project: 900 Woodbury

Report Number: 460-141360-1

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 09/19/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.7 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-5 (460-141360-1), MW-6 (460-141360-2), MW-1 (460-141360-3), MW-1D (460-141360-4), FB (460-141360-5), MW-2 (460-141360-6), MW-3 (460-141360-7), MW-4 (460-141360-8) and TRIP BLANK (460-141360-9) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 09/24/2017.

The continuing calibration verification (CCV) associated with batch 464711 recovered above the upper control limit for Bromomethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 464711 recovered outside control limits for the following analytes: Bromomethane, Trichlorofluoromethane and 2-Butanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene failed the recovery criteria low for the MS of sample MW-6MS (460-141360-2) in batch 460-464711. 2-Butanone (MEK), Bromomethane and Trichlorofluoromethane failed the recovery criteria high.

2-Butanone (MEK), Bromomethane and Trichlorofluoromethane failed the recovery criteria high for the MSD of sample MW-6MSD (460-141360-2) in batch 460-464711.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-141360-1	MW-5	Water	09/15/17 07:00	09/19/17 17:40
460-141360-2	MW-6	Water	09/15/17 07:30	09/19/17 17:40
460-141360-3	MW-1	Water	09/15/17 08:20	09/19/17 17:40
460-141360-4	MW-1D	Water	09/15/17 08:25	09/19/17 17:40
460-141360-5	FB	Water	09/15/17 08:30	09/19/17 17:40
460-141360-6	MW-2	Water	09/15/17 09:00	09/19/17 17:40
460-141360-7	MW-3	Water	09/15/17 09:40	09/19/17 17:40
460-141360-8	MW-4	Water	09/15/17 10:30	09/19/17 17:40
460-141360-9	TRIP BLANK	Water	09/15/17 00:00	09/19/17 17:40

Detection Summary

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

Client Sample ID: MW-5 — Lab Sample ID: 460-141360-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.85	J	1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.78	J	1.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 460-141360-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.1		1.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 460-141360-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromoform	0.53	J	1.0	0.18	ug/L	1		8260C	Total/NA
Chlorodibromomethane	0.48	J	1.0	0.22	ug/L	1		8260C	Total/NA
Chloroform	0.28	J	1.0	0.22	ug/L	1		8260C	Total/NA
Dichlorobromomethane	0.23	J	1.0	0.15	ug/L	1		8260C	Total/NA
Tetrachloroethene	6.3		1.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1D — Lab Sample ID: 460-141360-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromoform	0.75	J	1.0	0.18	ug/L	1		8260C	Total/NA
Chlorodibromomethane	0.46	J	1.0	0.22	ug/L	1		8260C	Total/NA
Chloroform	0.34	J	1.0	0.22	ug/L	1		8260C	Total/NA
Dichlorobromomethane	0.28	J	1.0	0.15	ug/L	1		8260C	Total/NA
Tetrachloroethene	4.3		1.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: FB — Lab Sample ID: 460-141360-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.6		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 460-141360-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.12	J	1.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 460-141360-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromoform	0.25	J	1.0	0.18	ug/L	1		8260C	Total/NA
Chlorodibromomethane	0.22	J	1.0	0.22	ug/L	1		8260C	Total/NA
Chloroform	0.24	J	1.0	0.22	ug/L	1		8260C	Total/NA
Dichlorobromomethane	0.21	J	1.0	0.15	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 460-141360-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromoform	0.20	J	1.0	0.18	ug/L	1		8260C	Total/NA
Chlorodibromomethane	0.23	J	1.0	0.22	ug/L	1		8260C	Total/NA
Chloroform	0.29	J	1.0	0.22	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-4 (Continued) — Lab Sample ID: 460-141360-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorobromomethane	0.24	J	1.0	0.15	ug/L	1		8260C	Total/NA
Tetrachloroethene	4.9		1.0	0.12	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 460-141360-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.9		1.0	0.33	ug/L	1		8260C	Total/NA
Acetone	22		5.0	1.1	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI

Protocol References:

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-5

Date Collected: 09/15/17 07:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 10:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 10:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 10:02	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 10:02	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 10:02	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 10:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 10:02	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 10:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 10:02	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 10:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 10:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 10:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 10:02	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 10:02	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 10:02	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 10:02	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 10:02	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 10:02	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 10:02	1
Bromoform	1.0	U	1.0	0.18	ug/L			09/24/17 10:02	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 10:02	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 10:02	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 10:02	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 10:02	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 10:02	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			09/24/17 10:02	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 10:02	1
Chloroform	**0.85**	**J**	1.0	0.22	ug/L			09/24/17 10:02	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 10:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 10:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 10:02	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 10:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/24/17 10:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 10:02	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 10:02	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 10:02	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 10:02	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 10:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 10:02	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 10:02	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 10:02	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 10:02	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 10:02	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 10:02	1
Tetrachloroethene	**0.78**	**J**	1.0	0.12	ug/L			09/24/17 10:02	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 10:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 10:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 10:02	1

Client Sample ID: MW-5

Date Collected: 09/15/17 07:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 10:02	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 10:02	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*74 - 132*		*09/24/17 10:02*	*1*
4-Bromofluorobenzene	*105*		*77 - 124*		*09/24/17 10:02*	*1*
Dibromofluoromethane (Surr)	*112*		*72 - 131*		*09/24/17 10:02*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*09/24/17 10:02*	*1*

Client Sample ID: MW-6

Date Collected: 09/15/17 07:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 10:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 10:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 10:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 10:25	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 10:25	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 10:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 10:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 10:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 10:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 10:25	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 10:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 10:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 10:25	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 10:25	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 10:25	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 10:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 10:25	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 10:25	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 10:25	1
Bromoform	1.0	U	1.0	0.18	ug/L			09/24/17 10:25	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 10:25	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 10:25	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 10:25	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 10:25	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 10:25	1
Chloroform	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 10:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 10:25	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 10:25	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/24/17 10:25	1

Client Sample ID: MW-6

Date Collected: 09/15/17 07:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 10:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 10:25	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 10:25	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 10:25	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 10:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 10:25	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 10:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 10:25	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 10:25	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 10:25	1
Tetrachloroethene	**2.1**		1.0	0.12	ug/L			09/24/17 10:25	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 10:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 10:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 10:25	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 10:25	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 10:25	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*74 - 132*		*09/24/17 10:25*	*1*
4-Bromofluorobenzene	*101*		*77 - 124*		*09/24/17 10:25*	*1*
Dibromofluoromethane (Surr)	*109*		*72 - 131*		*09/24/17 10:25*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*09/24/17 10:25*	*1*

Client Sample ID: MW-1

Date Collected: 09/15/17 08:20
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 13:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 13:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 13:07	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 13:07	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 13:07	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 13:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 13:07	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 13:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 13:07	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 13:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 13:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 13:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 13:07	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 13:07	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 13:07	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 13:07	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 13:07	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 13:07	1

Client Sample ID: MW-1

Date Collected: 09/15/17 08:20
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 13:07	1
Bromoform	**0.53**	**J**	1.0	0.18	ug/L			09/24/17 13:07	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 13:07	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 13:07	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 13:07	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 13:07	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 13:07	1
Chlorodibromomethane	**0.48**	**J**	1.0	0.22	ug/L			09/24/17 13:07	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 13:07	1
Chloroform	**0.28**	**J**	1.0	0.22	ug/L			09/24/17 13:07	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 13:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 13:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 13:07	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 13:07	1
Dichlorobromomethane	**0.23**	**J**	1.0	0.15	ug/L			09/24/17 13:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 13:07	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 13:07	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 13:07	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 13:07	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 13:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 13:07	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 13:07	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 13:07	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 13:07	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 13:07	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 13:07	1
Tetrachloroethene	**6.3**		1.0	0.12	ug/L			09/24/17 13:07	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 13:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 13:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 13:07	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 13:07	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 13:07	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*74 - 132*		*09/24/17 13:07*	*1*
4-Bromofluorobenzene	*104*		*77 - 124*		*09/24/17 13:07*	*1*
Dibromofluoromethane (Surr)	*107*		*72 - 131*		*09/24/17 13:07*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*09/24/17 13:07*	*1*

Client Sample ID: MW-1D

Date Collected: 09/15/17 08:25
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 13:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 13:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 13:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 13:30	1

Client Sample ID: MW-1D

Date Collected: 09/15/17 08:25
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 13:30	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 13:30	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 13:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 13:30	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 13:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 13:30	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 13:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 13:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 13:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 13:30	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 13:30	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 13:30	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 13:30	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 13:30	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 13:30	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 13:30	1
Bromoform	**0.75**	**J**	1.0	0.18	ug/L			09/24/17 13:30	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 13:30	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 13:30	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 13:30	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 13:30	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 13:30	1
Chlorodibromomethane	**0.46**	**J**	1.0	0.22	ug/L			09/24/17 13:30	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 13:30	1
Chloroform	**0.34**	**J**	1.0	0.22	ug/L			09/24/17 13:30	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 13:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 13:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 13:30	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 13:30	1
Dichlorobromomethane	**0.28**	**J**	1.0	0.15	ug/L			09/24/17 13:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 13:30	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 13:30	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 13:30	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 13:30	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 13:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 13:30	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 13:30	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 13:30	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 13:30	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 13:30	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 13:30	1
Tetrachloroethene	**4.3**		1.0	0.12	ug/L			09/24/17 13:30	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 13:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 13:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 13:30	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 13:30	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 13:30	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 13:30	1

Client Sample ID: MW-1D

Lab Sample ID: 460-141360-4

Date Collected: 09/15/17 08:25

Matrix: Water

Date Received: 09/19/17 17:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*74 - 132*		*09/24/17 13:30*	*1*
4-Bromofluorobenzene	*107*		*77 - 124*		*09/24/17 13:30*	*1*
Dibromofluoromethane (Surr)	*112*		*72 - 131*		*09/24/17 13:30*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*09/24/17 13:30*	*1*

Client Sample ID: FB

Lab Sample ID: 460-141360-5

Date Collected: 09/15/17 08:30

Matrix: Water

Date Received: 09/19/17 17:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 12:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 12:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 12:21	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 12:21	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 12:21	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 12:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 12:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 12:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 12:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 12:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 12:21	1
1,4-Dichlorobenzene	**1.6**		1.0	0.33	ug/L			09/24/17 12:21	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 12:21	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 12:21	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 12:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 12:21	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 12:21	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 12:21	1
Bromoform	1.0	U	1.0	0.18	ug/L			09/24/17 12:21	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 12:21	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 12:21	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 12:21	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 12:21	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 12:21	1
Chloroform	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 12:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 12:21	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 12:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/24/17 12:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 12:21	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 12:21	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 12:21	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 12:21	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 12:21	1

Client Sample ID: FB

Date Collected: 09/15/17 08:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 12:21	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 12:21	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 12:21	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 12:21	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 12:21	1
Tetrachloroethene	1.0	U	1.0	0.12	ug/L			09/24/17 12:21	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 12:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 12:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 12:21	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 12:21	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 12:21	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*74 - 132*		*09/24/17 12:21*	*1*
4-Bromofluorobenzene	*108*		*77 - 124*		*09/24/17 12:21*	*1*
Dibromofluoromethane (Surr)	*111*		*72 - 131*		*09/24/17 12:21*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*09/24/17 12:21*	*1*

Client Sample ID: MW-2

Date Collected: 09/15/17 09:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 13:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 13:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 13:53	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 13:53	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 13:53	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 13:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 13:53	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 13:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 13:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 13:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 13:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 13:53	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 13:53	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 13:53	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 13:53	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 13:53	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 13:53	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 13:53	1
Bromoform	1.0	U	1.0	0.18	ug/L			09/24/17 13:53	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 13:53	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 13:53	1

Client Sample ID: MW-2

Date Collected: 09/15/17 09:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 13:53	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 13:53	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 13:53	1
Chloroform	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 13:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 13:53	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 13:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/24/17 13:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 13:53	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 13:53	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 13:53	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 13:53	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 13:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 13:53	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 13:53	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 13:53	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 13:53	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 13:53	1
Tetrachloroethene	**0.12**	**J**	1.0	0.12	ug/L			09/24/17 13:53	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 13:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 13:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 13:53	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 13:53	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 13:53	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*74 - 132*		*09/24/17 13:53*	*1*
4-Bromofluorobenzene	*104*		*77 - 124*		*09/24/17 13:53*	*1*
Dibromofluoromethane (Surr)	*109*		*72 - 131*		*09/24/17 13:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*09/24/17 13:53*	*1*

Client Sample ID: MW-3

Date Collected: 09/15/17 09:40
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 14:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 14:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 14:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 14:16	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 14:16	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 14:16	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 14:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 14:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 14:16	1

Client Sample ID: MW-3

Date Collected: 09/15/17 09:40
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 14:16	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 14:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 14:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 14:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 14:16	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 14:16	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 14:16	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 14:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 14:16	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 14:16	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 14:16	1
Bromoform	**0.25**	**J**	1.0	0.18	ug/L			09/24/17 14:16	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 14:16	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 14:16	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 14:16	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 14:16	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 14:16	1
Chlorodibromomethane	**0.22**	**J**	1.0	0.22	ug/L			09/24/17 14:16	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 14:16	1
Chloroform	**0.24**	**J**	1.0	0.22	ug/L			09/24/17 14:16	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 14:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 14:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 14:16	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 14:16	1
Dichlorobromomethane	**0.21**	**J**	1.0	0.15	ug/L			09/24/17 14:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 14:16	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 14:16	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 14:16	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 14:16	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 14:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 14:16	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 14:16	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 14:16	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 14:16	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 14:16	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 14:16	1
Tetrachloroethene	1.0	U	1.0	0.12	ug/L			09/24/17 14:16	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 14:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 14:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 14:16	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 14:16	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 14:16	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*74 - 132*		*09/24/17 14:16*	*1*
4-Bromofluorobenzene	*107*		*77 - 124*		*09/24/17 14:16*	*1*
Dibromofluoromethane (Surr)	*112*		*72 - 131*		*09/24/17 14:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*09/24/17 14:16*	*1*

Client Sample ID: MW-4

Date Collected: 09/15/17 10:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 14:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 14:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 14:39	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 14:39	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 14:39	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 14:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 14:39	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 14:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 14:39	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 14:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 14:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 14:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 14:39	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 14:39	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 14:39	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 14:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 14:39	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 14:39	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 14:39	1
Bromoform	**0.20**	**J**	1.0	0.18	ug/L			09/24/17 14:39	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 14:39	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 14:39	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 14:39	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 14:39	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 14:39	1
Chlorodibromomethane	**0.23**	**J**	1.0	0.22	ug/L			09/24/17 14:39	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 14:39	1
Chloroform	**0.29**	**J**	1.0	0.22	ug/L			09/24/17 14:39	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 14:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 14:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 14:39	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 14:39	1
Dichlorobromomethane	**0.24**	**J**	1.0	0.15	ug/L			09/24/17 14:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 14:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 14:39	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 14:39	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 14:39	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 14:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 14:39	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 14:39	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 14:39	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 14:39	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 14:39	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 14:39	1
Tetrachloroethene	**4.9**		1.0	0.12	ug/L			09/24/17 14:39	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 14:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 14:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 14:39	1

Client Sample ID: MW-4

Lab Sample ID: 460-141360-8

Date Collected: 09/15/17 10:30

Matrix: Water

Date Received: 09/19/17 17:40

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 14:39	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 14:39	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*74 - 132*		*09/24/17 14:39*	*1*
4-Bromofluorobenzene	*109*		*77 - 124*		*09/24/17 14:39*	*1*
Dibromofluoromethane (Surr)	*112*		*72 - 131*		*09/24/17 14:39*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*09/24/17 14:39*	*1*

Client Sample ID: TRIP BLANK

Lab Sample ID: 460-141360-9

Date Collected: 09/15/17 00:00

Matrix: Water

Date Received: 09/19/17 17:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 12:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 12:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 12:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 12:44	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 12:44	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 12:44	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 12:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 12:44	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 12:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 12:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 12:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 12:44	1
1,4-Dichlorobenzene	**1.9**		1.0	0.33	ug/L			09/24/17 12:44	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 12:44	1
2-Butanone (MEK)	5.0	U *	5.0	2.2	ug/L			09/24/17 12:44	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 12:44	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 12:44	1
Acetone	**22**		5.0	1.1	ug/L			09/24/17 12:44	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 12:44	1
Bromoform	1.0	U	1.0	0.18	ug/L			09/24/17 12:44	1
Bromomethane	1.0	U *	1.0	0.18	ug/L			09/24/17 12:44	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 12:44	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 12:44	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 12:44	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 12:44	1
Chloroform	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 12:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 12:44	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 12:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/24/17 12:44	1

Client Sample ID: TRIP BLANK

Date Collected: 09/15/17 00:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 12:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 12:44	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 12:44	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 12:44	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 12:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 12:44	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 12:44	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 12:44	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 12:44	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 12:44	1
Tetrachloroethene	1.0	U	1.0	0.12	ug/L			09/24/17 12:44	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 12:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 12:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 12:44	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 12:44	1
Trichlorofluoromethane	1.0	U *	1.0	0.15	ug/L			09/24/17 12:44	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 132*		*09/24/17 12:44*	*1*
4-Bromofluorobenzene	*105*		*77 - 124*		*09/24/17 12:44*	*1*
Dibromofluoromethane (Surr)	*108*		*72 - 131*		*09/24/17 12:44*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*09/24/17 12:44*	*1*

Surrogate Summary

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

Method: 8260C - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (74-132)	BFB (77-124)	DBFM (72-131)	TOL (80-120)
460-141360-1	MW-5	99	105	112	103
460-141360-2	MW-6	99	101	109	102
460-141360-2 MS	MW-6	96	105	109	101
460-141360-2 MSD	MW-6	93	106	109	103
460-141360-3	MW-1	95	104	107	105
460-141360-4	MW-1D	97	107	112	105
460-141360-5	FB	95	108	111	104
460-141360-6	MW-2	94	104	109	103
460-141360-7	MW-3	94	107	112	104
460-141360-8	MW-4	97	109	112	105
460-141360-9	TRIP BLANK	96	105	108	104
LCS 460-464711/3	Lab Control Sample	98	105	109	102
MB 460-464711/7	Method Blank	99	103	113	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-464711/7
Matrix: Water
Analysis Batch: 464711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			09/24/17 07:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			09/24/17 07:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			09/24/17 07:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			09/24/17 07:43	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			09/24/17 07:43	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			09/24/17 07:43	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			09/24/17 07:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			09/24/17 07:43	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			09/24/17 07:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			09/24/17 07:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/24/17 07:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 07:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			09/24/17 07:43	1
1,4-Dioxane	50	U	50	8.7	ug/L			09/24/17 07:43	1
2-Butanone (MEK)	5.0	U	5.0	2.2	ug/L			09/24/17 07:43	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			09/24/17 07:43	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			09/24/17 07:43	1
Acetone	5.0	U	5.0	1.1	ug/L			09/24/17 07:43	1
Benzene	1.0	U	1.0	0.090	ug/L			09/24/17 07:43	1
Bromoform	1.0	U	1.0	0.18	ug/L			09/24/17 07:43	1
Bromomethane	1.0	U	1.0	0.18	ug/L			09/24/17 07:43	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			09/24/17 07:43	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			09/24/17 07:43	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			09/24/17 07:43	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
Chloroethane	1.0	U	1.0	0.37	ug/L			09/24/17 07:43	1
Chloroform	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
Chloromethane	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/24/17 07:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			09/24/17 07:43	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			09/24/17 07:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/24/17 07:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			09/24/17 07:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/24/17 07:43	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/24/17 07:43	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			09/24/17 07:43	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			09/24/17 07:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			09/24/17 07:43	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			09/24/17 07:43	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			09/24/17 07:43	1
o-Xylene	1.0	U	1.0	0.32	ug/L			09/24/17 07:43	1
Styrene	1.0	U	1.0	0.17	ug/L			09/24/17 07:43	1
Tetrachloroethene	1.0	U	1.0	0.12	ug/L			09/24/17 07:43	1
Toluene	1.0	U	1.0	0.25	ug/L			09/24/17 07:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			09/24/17 07:43	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-464711/7
Matrix: Water
Analysis Batch: 464711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 07:43	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
Trichlorofluoromethane	1.0	U	1.0	0.15	ug/L			09/24/17 07:43	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 07:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*74 - 132*		*09/24/17 07:43*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*09/24/17 07:43*	*1*
Dibromofluoromethane (Surr)	*113*		*72 - 131*		*09/24/17 07:43*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/24/17 07:43*	*1*

Lab Sample ID: LCS 460-464711/3
Matrix: Water
Analysis Batch: 464711

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.5		ug/L		102	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.5		ug/L		123	59 - 150
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	78 - 120
1,1-Dichloroethane	20.0	20.3		ug/L		101	77 - 123
1,1-Dichloroethene	20.0	24.2		ug/L		121	74 - 123
1,2,3-Trichlorobenzene	20.0	17.8		ug/L		89	78 - 131
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		98	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	16.0		ug/L		80	55 - 134
1,2-Dichlorobenzene	20.0	22.1		ug/L		110	80 - 120
1,2-Dichloroethane	20.0	20.8		ug/L		104	76 - 121
1,2-Dichloropropane	20.0	20.1		ug/L		100	77 - 123
1,3-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
1,4-Dichlorobenzene	20.0	22.7		ug/L		114	80 - 120
1,4-Dioxane	400	449		ug/L		112	10 - 150
2-Butanone (MEK)	100	132	*	ug/L		132	64 - 120
2-Hexanone	100	108		ug/L		108	71 - 125
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	78 - 124
Acetone	100	109		ug/L		109	39 - 150
Benzene	20.0	20.4		ug/L		102	77 - 121
Bromoform	20.0	21.5		ug/L		107	53 - 120
Bromomethane	20.0	30.6	*	ug/L		153	10 - 150
Carbon disulfide	20.0	19.5		ug/L		98	69 - 133
Carbon tetrachloride	20.0	20.9		ug/L		105	70 - 132
Chlorobenzene	20.0	22.9		ug/L		115	80 - 120
Chlorobromomethane	20.0	23.9		ug/L		120	77 - 127
Chlorodibromomethane	20.0	22.1		ug/L		111	73 - 120
Chloroethane	20.0	25.9		ug/L		130	52 - 150
Chloroform	20.0	21.5		ug/L		107	80 - 120
Chloromethane	20.0	21.1		ug/L		105	56 - 131
cis-1,2-Dichloroethene	20.0	22.2		ug/L		111	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-464711/3
Matrix: Water
Analysis Batch: 464711

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	20.5		ug/L		102	77 - 120
Cyclohexane	20.0	17.8		ug/L		89	56 - 150
Dichlorobromomethane	20.0	20.2		ug/L		101	76 - 120
Dichlorodifluoromethane	20.0	22.2		ug/L		111	50 - 131
Ethylbenzene	20.0	21.5		ug/L		107	80 - 120
Ethylene Dibromide	20.0	22.1		ug/L		111	80 - 120
Isopropylbenzene	20.0	20.8		ug/L		104	80 - 123
Methyl acetate	100	82.0		ug/L		82	66 - 144
Methyl tert-butyl ether	20.0	19.3		ug/L		96	79 - 122
Methylcyclohexane	20.0	21.0		ug/L		105	61 - 145
Methylene Chloride	20.0	22.2		ug/L		111	77 - 123
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	80 - 120
o-Xylene	20.0	21.4		ug/L		107	80 - 120
Styrene	20.0	21.2		ug/L		106	80 - 120
Tetrachloroethene	20.0	22.9		ug/L		114	78 - 122
Toluene	20.0	20.5		ug/L		103	80 - 120
trans-1,2-Dichloroethene	20.0	22.4		ug/L		112	79 - 120
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	76 - 120
Trichloroethene	20.0	21.4		ug/L		107	77 - 120
Trichlorofluoromethane	20.0	28.7	*	ug/L		144	71 - 143
Vinyl chloride	20.0	23.5		ug/L		118	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*74 - 132*
4-Bromofluorobenzene	*105*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-141360-2 MS
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.9		ug/L		100	75 - 125
1,1,2,2-Tetrachloroethane	1.0	U	20.0	19.0		ug/L		95	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.0		ug/L		120	59 - 150
1,1,2-Trichloroethane	1.0	U	20.0	19.9		ug/L		100	78 - 120
1,1-Dichloroethane	1.0	U	20.0	19.5		ug/L		97	77 - 123
1,1-Dichloroethene	1.0	U	20.0	22.7		ug/L		114	74 - 123
1,2,3-Trichlorobenzene	1.0	U	20.0	13.7	*	ug/L		69	78 - 131
1,2,4-Trichlorobenzene	1.0	U	20.0	14.9	*	ug/L		75	80 - 124
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	14.2		ug/L		71	55 - 134
1,2-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloroethane	1.0	U	20.0	19.4		ug/L		97	76 - 121
1,2-Dichloropropane	1.0	U	20.0	18.8		ug/L		94	77 - 123
1,3-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		106	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	21.4		ug/L		107	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-141360-2 MS
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	50	U	400	395		ug/L		99	10 - 150
2-Butanone (MEK)	5.0	U *	100	125	*	ug/L		125	64 - 120
2-Hexanone	5.0	U	100	109		ug/L		109	71 - 125
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	78 - 124
Acetone	5.0	U	100	103		ug/L		103	39 - 150
Benzene	1.0	U	20.0	19.2		ug/L		96	77 - 121
Bromoform	1.0	U	20.0	17.6		ug/L		88	53 - 120
Bromomethane	1.0	U *	20.0	30.7	*	ug/L		153	10 - 150
Carbon disulfide	1.0	U	20.0	15.4		ug/L		77	69 - 133
Carbon tetrachloride	1.0	U	20.0	19.9		ug/L		100	70 - 132
Chlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120
Chlorobromomethane	1.0	U	20.0	23.0		ug/L		115	77 - 127
Chlorodibromomethane	1.0	U	20.0	19.6		ug/L		98	73 - 120
Chloroethane	1.0	U	20.0	29.0		ug/L		145	52 - 150
Chloroform	1.0	U	20.0	20.7		ug/L		104	80 - 120
Chloromethane	1.0	U	20.0	18.4		ug/L		92	56 - 131
cis-1,2-Dichloroethene	1.0	U	20.0	21.0		ug/L		105	80 - 120
cis-1,3-Dichloropropene	1.0	U	20.0	18.8		ug/L		94	77 - 120
Cyclohexane	1.0	U	20.0	18.1		ug/L		90	56 - 150
Dichlorobromomethane	1.0	U	20.0	18.5		ug/L		93	76 - 120
Dichlorodifluoromethane	1.0	U	20.0	22.2		ug/L		111	50 - 131
Ethylbenzene	1.0	U	20.0	20.6		ug/L		103	80 - 120
Ethylene Dibromide	1.0	U	20.0	21.1		ug/L		106	80 - 120
Isopropylbenzene	1.0	U	20.0	19.5		ug/L		97	80 - 123
Methyl acetate	5.0	U	100	79.9		ug/L		80	66 - 144
Methyl tert-butyl ether	1.0	U	20.0	18.6		ug/L		93	79 - 122
Methylcyclohexane	1.0	U	20.0	21.7		ug/L		109	61 - 145
Methylene Chloride	1.0	U	20.0	20.9		ug/L		105	77 - 123
m-Xylene & p-Xylene	1.0	U	20.0	20.6		ug/L		103	80 - 120
o-Xylene	1.0	U	20.0	20.2		ug/L		101	80 - 120
Styrene	1.0	U	20.0	17.8		ug/L		89	80 - 120
Tetrachloroethene	2.1		20.0	23.5		ug/L		107	78 - 122
Toluene	1.0	U	20.0	19.3		ug/L		97	80 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	21.4		ug/L		107	79 - 120
trans-1,3-Dichloropropene	1.0	U	20.0	18.3		ug/L		92	76 - 120
Trichloroethene	1.0	U	20.0	20.6		ug/L		103	77 - 120
Trichlorofluoromethane	1.0	U *	20.0	30.2	*	ug/L		151	71 - 143
Vinyl chloride	1.0	U	20.0	22.3		ug/L		112	62 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 132*
4-Bromofluorobenzene	*105*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-141360-2 MSD
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	75 - 125	3	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	18.9		ug/L		94	74 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.3		ug/L		122	59 - 150	1	30
1,1,2-Trichloroethane	1.0	U	20.0	19.9		ug/L		100	78 - 120	0	30
1,1-Dichloroethane	1.0	U	20.0	19.9		ug/L		100	77 - 123	2	30
1,1-Dichloroethene	1.0	U	20.0	23.7		ug/L		119	74 - 123	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	16.3		ug/L		81	78 - 131	17	30
1,2,4-Trichlorobenzene	1.0	U	20.0	17.7		ug/L		88	80 - 124	17	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	14.2		ug/L		71	55 - 134	0	30
1,2-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		105	80 - 120	3	30
1,2-Dichloroethane	1.0	U	20.0	19.5		ug/L		98	76 - 121	1	30
1,2-Dichloropropane	1.0	U	20.0	19.4		ug/L		97	77 - 123	3	30
1,3-Dichlorobenzene	1.0	U	20.0	21.5		ug/L		108	80 - 120	2	30
1,4-Dichlorobenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120	1	30
1,4-Dioxane	50	U	400	437		ug/L		109	10 - 150	10	30
2-Butanone (MEK)	5.0	U *	100	127	*	ug/L		127	64 - 120	2	30
2-Hexanone	5.0	U	100	106		ug/L		106	71 - 125	2	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	78 - 124	1	30
Acetone	5.0	U	100	99.9		ug/L		100	39 - 150	3	30
Benzene	1.0	U	20.0	19.8		ug/L		99	77 - 121	3	30
Bromoform	1.0	U	20.0	18.3		ug/L		91	53 - 120	4	30
Bromomethane	1.0	U *	20.0	31.0	*	ug/L		155	10 - 150	1	30
Carbon disulfide	1.0	U	20.0	16.1		ug/L		80	69 - 133	4	30
Carbon tetrachloride	1.0	U	20.0	20.3		ug/L		101	70 - 132	2	30
Chlorobenzene	1.0	U	20.0	22.2		ug/L		111	80 - 120	2	30
Chlorobromomethane	1.0	U	20.0	22.8		ug/L		114	77 - 127	1	30
Chlorodibromomethane	1.0	U	20.0	20.0		ug/L		100	73 - 120	2	30
Chloroethane	1.0	U	20.0	28.7		ug/L		143	52 - 150	1	30
Chloroform	1.0	U	20.0	21.1		ug/L		105	80 - 120	2	30
Chloromethane	1.0	U	20.0	19.5		ug/L		98	56 - 131	6	30
cis-1,2-Dichloroethene	1.0	U	20.0	21.5		ug/L		108	80 - 120	2	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.6		ug/L		98	77 - 120	4	30
Cyclohexane	1.0	U	20.0	18.6		ug/L		93	56 - 150	3	30
Dichlorobromomethane	1.0	U	20.0	19.1		ug/L		96	76 - 120	3	30
Dichlorodifluoromethane	1.0	U	20.0	22.7		ug/L		113	50 - 131	2	30
Ethylbenzene	1.0	U	20.0	21.2		ug/L		106	80 - 120	3	30
Ethylene Dibromide	1.0	U	20.0	21.7		ug/L		108	80 - 120	3	30
Isopropylbenzene	1.0	U	20.0	20.4		ug/L		102	80 - 123	5	30
Methyl acetate	5.0	U	100	78.1		ug/L		78	66 - 144	2	30
Methyl tert-butyl ether	1.0	U	20.0	18.9		ug/L		95	79 - 122	2	30
Methylcyclohexane	1.0	U	20.0	22.0		ug/L		110	61 - 145	1	30
Methylene Chloride	1.0	U	20.0	21.5		ug/L		108	77 - 123	3	30
m-Xylene & p-Xylene	1.0	U	20.0	21.0		ug/L		105	80 - 120	2	30
o-Xylene	1.0	U	20.0	20.5		ug/L		102	80 - 120	1	30
Styrene	1.0	U	20.0	18.4		ug/L		92	80 - 120	3	30
Tetrachloroethene	2.1		20.0	24.1		ug/L		110	78 - 122	2	30
Toluene	1.0	U	20.0	20.0		ug/L		100	80 - 120	4	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-141360-2 MSD
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	1.0	U	20.0	22.5		ug/L		112	79 - 120	5	30
trans-1,3-Dichloropropene	1.0	U	20.0	19.0		ug/L		95	76 - 120	4	30
Trichloroethene	1.0	U	20.0	21.1		ug/L		106	77 - 120	2	30
Trichlorofluoromethane	1.0	U *	20.0	31.0	*	ug/L		155	71 - 143	3	30
Vinyl chloride	1.0	U	20.0	23.7		ug/L		118	62 - 138	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*74 - 132*
4-Bromofluorobenzene	*106*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
*	MS or MSD is outside acceptance limits.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

GC/MS VOA

Analysis Batch: 464711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-141360-1	MW-5	Total/NA	Water	8260C	
460-141360-2	MW-6	Total/NA	Water	8260C	
460-141360-3	MW-1	Total/NA	Water	8260C	
460-141360-4	MW-1D	Total/NA	Water	8260C	
460-141360-5	FB	Total/NA	Water	8260C	
460-141360-6	MW-2	Total/NA	Water	8260C	
460-141360-7	MW-3	Total/NA	Water	8260C	
460-141360-8	MW-4	Total/NA	Water	8260C	
460-141360-9	TRIP BLANK	Total/NA	Water	8260C	
MB 460-464711/7	Method Blank	Total/NA	Water	8260C	
LCS 460-464711/3	Lab Control Sample	Total/NA	Water	8260C	
460-141360-2 MS	MW-6	Total/NA	Water	8260C	
460-141360-2 MSD	MW-6	Total/NA	Water	8260C	

Client Sample ID: MW-5
Date Collected: 09/15/17 07:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 10:02	AAT	TAL EDI

Client Sample ID: MW-6
Date Collected: 09/15/17 07:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 10:25	AAT	TAL EDI

Client Sample ID: MW-1
Date Collected: 09/15/17 08:20
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 13:07	AAT	TAL EDI

Client Sample ID: MW-1D
Date Collected: 09/15/17 08:25
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 13:30	AAT	TAL EDI

Client Sample ID: FB
Date Collected: 09/15/17 08:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 12:21	AAT	TAL EDI

Client Sample ID: MW-2
Date Collected: 09/15/17 09:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 13:53	AAT	TAL EDI

Lab Chronicle

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

Client Sample ID: MW-3
Date Collected: 09/15/17 09:40
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 14:16	AAT	TAL EDI

Client Sample ID: MW-4
Date Collected: 09/15/17 10:30
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 14:39	AAT	TAL EDI

Client Sample ID: TRIP BLANK
Date Collected: 09/15/17 00:00
Date Received: 09/19/17 17:40

Lab Sample ID: 460-141360-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	464711	09/24/17 12:44	AAT	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: FPM Group Limited
Project/Site: 900 Woodbury

TestAmerica Job ID: 460-141360-1

Laboratory: TestAmerica Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-18
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-17
New Jersey	NELAP	2	12028	06-30-18
New York	NELAP	2	11452	04-01-18
Pennsylvania	NELAP	3	68-00522	02-28-18
Rhode Island	State Program	1	LAO00132	12-30-17
USDA	Federal		NJCA-003-08	06-13-20

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-5	460-141360-1	112	99	103	105
MW-6	460-141360-2	109	99	102	101
MW-1	460-141360-3	107	95	105	104
MW-1D	460-141360-4	112	97	105	107
FB	460-141360-5	111	95	104	108
MW-2	460-141360-6	109	94	103	104
MW-3	460-141360-7	112	94	104	107
MW-4	460-141360-8	112	97	105	109
TRIP BLANK	460-141360-9	108	96	104	105
	MB 460-464711/7	113	99	101	103
	LCS 460-464711/3	109	98	102	105
MW-6 MS	460-141360-2 MS	109	96	101	105
MW-6 MSD	460-141360-2 MSD	109	93	103	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-131
DCA = 1,2-Dichloroethane-d4 (Surr)	74-132
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	77-124

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46214.D

Lab ID: LCS 460-464711/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	102	75-125	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.5	123	59-150	
1,1,2-Trichloroethane	20.0	20.6	103	78-120	
1,1-Dichloroethane	20.0	20.3	101	77-123	
1,1-Dichloroethene	20.0	24.2	121	74-123	
1,2,3-Trichlorobenzene	20.0	17.8	89	78-131	
1,2,4-Trichlorobenzene	20.0	19.5	98	80-124	
1,2-Dibromo-3-Chloropropane	20.0	16.0	80	55-134	
1,2-Dichlorobenzene	20.0	22.1	110	80-120	
1,2-Dichloroethane	20.0	20.8	104	76-121	
1,2-Dichloropropane	20.0	20.1	100	77-123	
1,3-Dichlorobenzene	20.0	22.0	110	80-120	
1,4-Dichlorobenzene	20.0	22.7	114	80-120	
1,4-Dioxane	400	449	112	10-150	
2-Butanone (MEK)	100	132	132	64-120	*
2-Hexanone	100	108	108	71-125	
4-Methyl-2-pentanone (MIBK)	100	105	105	78-124	
Acetone	100	109	109	39-150	
Benzene	20.0	20.4	102	77-121	
Bromoform	20.0	21.5	107	53-120	
Bromomethane	20.0	30.6	153	10-150	*
Carbon disulfide	20.0	19.5	98	69-133	
Carbon tetrachloride	20.0	20.9	105	70-132	
Chlorobenzene	20.0	22.9	115	80-120	
Chlorobromomethane	20.0	23.9	120	77-127	
Chlorodibromomethane	20.0	22.1	111	73-120	
Chloroethane	20.0	25.9	130	52-150	
Chloroform	20.0	21.5	107	80-120	
Chloromethane	20.0	21.1	105	56-131	
cis-1,2-Dichloroethene	20.0	22.2	111	80-120	
cis-1,3-Dichloropropene	20.0	20.5	102	77-120	
Cyclohexane	20.0	17.8	89	56-150	
Dichlorobromomethane	20.0	20.2	101	76-120	
Dichlorodifluoromethane	20.0	22.2	111	50-131	
Ethylbenzene	20.0	21.5	107	80-120	
Ethylene Dibromide	20.0	22.1	111	80-120	
Isopropylbenzene	20.0	20.8	104	80-123	
Methyl acetate	100	82.0	82	66-144	
Methyl tert-butyl ether	20.0	19.3	96	79-122	
Methylcyclohexane	20.0	21.0	105	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46214.D

Lab ID: LCS 460-464711/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	22.2	111	77-123	
m-Xylene & p-Xylene	20.0	21.0	105	80-120	
o-Xylene	20.0	21.4	107	80-120	
Styrene	20.0	21.2	106	80-120	
Tetrachloroethene	20.0	22.9	114	78-122	
Toluene	20.0	20.5	103	80-120	
trans-1,2-Dichloroethene	20.0	22.4	112	79-120	
trans-1,3-Dichloropropene	20.0	19.8	99	76-120	
Trichloroethene	20.0	21.4	107	77-120	
Trichlorofluoromethane	20.0	28.7	144	71-143	*
Vinyl chloride	20.0	23.5	118	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46227.D

Lab ID: 460-141360-2 MS Client ID: MW-6 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.9	100	75-125	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	19.0	95	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	24.0	120	59-150	
1,1,2-Trichloroethane	20.0	1.0 U	19.9	100	78-120	
1,1-Dichloroethane	20.0	1.0 U	19.5	97	77-123	
1,1-Dichloroethene	20.0	1.0 U	22.7	114	74-123	
1,2,3-Trichlorobenzene	20.0	1.0 U	13.7	69	78-131	*
1,2,4-Trichlorobenzene	20.0	1.0 U	14.9	75	80-124	*
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	14.2	71	55-134	
1,2-Dichlorobenzene	20.0	1.0 U	20.4	102	80-120	
1,2-Dichloroethane	20.0	1.0 U	19.4	97	76-121	
1,2-Dichloropropane	20.0	1.0 U	18.8	94	77-123	
1,3-Dichlorobenzene	20.0	1.0 U	21.1	106	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	21.4	107	80-120	
1,4-Dioxane	400	50 U	395	99	10-150	
2-Butanone (MEK)	100	5.0 U	125	125	64-120	*
2-Hexanone	100	5.0 U	109	109	71-125	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	104	104	78-124	
Acetone	100	5.0 U	103	103	39-150	
Benzene	20.0	1.0 U	19.2	96	77-121	
Bromoform	20.0	1.0 U	17.6	88	53-120	
Bromomethane	20.0	1.0 U	30.7	153	10-150	*
Carbon disulfide	20.0	1.0 U	15.4	77	69-133	
Carbon tetrachloride	20.0	1.0 U	19.9	100	70-132	
Chlorobenzene	20.0	1.0 U	21.8	109	80-120	
Chlorobromomethane	20.0	1.0 U	23.0	115	77-127	
Chlorodibromomethane	20.0	1.0 U	19.6	98	73-120	
Chloroethane	20.0	1.0 U	29.0	145	52-150	
Chloroform	20.0	1.0 U	20.7	104	80-120	
Chloromethane	20.0	1.0 U	18.4	92	56-131	
cis-1,2-Dichloroethene	20.0	1.0 U	21.0	105	80-120	
cis-1,3-Dichloropropene	20.0	1.0 U	18.8	94	77-120	
Cyclohexane	20.0	1.0 U	18.1	90	56-150	
Dichlorobromomethane	20.0	1.0 U	18.5	93	76-120	
Dichlorodifluoromethane	20.0	1.0 U	22.2	111	50-131	
Ethylbenzene	20.0	1.0 U	20.6	103	80-120	
Ethylene Dibromide	20.0	1.0 U	21.1	106	80-120	
Isopropylbenzene	20.0	1.0 U	19.5	97	80-123	
Methyl acetate	100	5.0 U	79.9	80	66-144	
Methyl tert-butyl ether	20.0	1.0 U	18.6	93	79-122	
Methylcyclohexane	20.0	1.0 U	21.7	109	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46227.D

Lab ID: 460-141360-2 MS Client ID: MW-6 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	1.0 U	20.9	105	77-123	
m-Xylene & p-Xylene	20.0	1.0 U	20.6	103	80-120	
o-Xylene	20.0	1.0 U	20.2	101	80-120	
Styrene	20.0	1.0 U	17.8	89	80-120	
Tetrachloroethene	20.0	2.1	23.5	107	78-122	
Toluene	20.0	1.0 U	19.3	97	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	21.4	107	79-120	
trans-1,3-Dichloropropene	20.0	1.0 U	18.3	92	76-120	
Trichloroethene	20.0	1.0 U	20.6	103	77-120	
Trichlorofluoromethane	20.0	1.0 U	30.2	151	71-143	*
Vinyl chloride	20.0	1.0 U	22.3	112	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46228.D

Lab ID: 460-141360-2 MSD Client ID: MW-6 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.4	102	3	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	1	30	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.3	122	1	30	59-150	
1,1,2-Trichloroethane	20.0	19.9	100	0	30	78-120	
1,1-Dichloroethane	20.0	19.9	100	2	30	77-123	
1,1-Dichloroethene	20.0	23.7	119	4	30	74-123	
1,2,3-Trichlorobenzene	20.0	16.3	81	17	30	78-131	
1,2,4-Trichlorobenzene	20.0	17.7	88	17	30	80-124	
1,2-Dibromo-3-Chloropropane	20.0	14.2	71	0	30	55-134	
1,2-Dichlorobenzene	20.0	21.1	105	3	30	80-120	
1,2-Dichloroethane	20.0	19.5	98	1	30	76-121	
1,2-Dichloropropane	20.0	19.4	97	3	30	77-123	
1,3-Dichlorobenzene	20.0	21.5	108	2	30	80-120	
1,4-Dichlorobenzene	20.0	21.6	108	1	30	80-120	
1,4-Dioxane	400	437	109	10	30	10-150	
2-Butanone (MEK)	100	127	127	2	30	64-120	*
2-Hexanone	100	106	106	2	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	104	104	1	30	78-124	
Acetone	100	99.9	100	3	30	39-150	
Benzene	20.0	19.8	99	3	30	77-121	
Bromoform	20.0	18.3	91	4	30	53-120	
Bromomethane	20.0	31.0	155	1	30	10-150	*
Carbon disulfide	20.0	16.1	80	4	30	69-133	
Carbon tetrachloride	20.0	20.3	101	2	30	70-132	
Chlorobenzene	20.0	22.2	111	2	30	80-120	
Chlorobromomethane	20.0	22.8	114	1	30	77-127	
Chlorodibromomethane	20.0	20.0	100	2	30	73-120	
Chloroethane	20.0	28.7	143	1	30	52-150	
Chloroform	20.0	21.1	105	2	30	80-120	
Chloromethane	20.0	19.5	98	6	30	56-131	
cis-1,2-Dichloroethene	20.0	21.5	108	2	30	80-120	
cis-1,3-Dichloropropene	20.0	19.6	98	4	30	77-120	
Cyclohexane	20.0	18.6	93	3	30	56-150	
Dichlorobromomethane	20.0	19.1	96	3	30	76-120	
Dichlorodifluoromethane	20.0	22.7	113	2	30	50-131	
Ethylbenzene	20.0	21.2	106	3	30	80-120	
Ethylene Dibromide	20.0	21.7	108	3	30	80-120	
Isopropylbenzene	20.0	20.4	102	5	30	80-123	
Methyl acetate	100	78.1	78	2	30	66-144	
Methyl tert-butyl ether	20.0	18.9	95	2	30	79-122	
Methylcyclohexane	20.0	22.0	110	1	30	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46228.D

Lab ID: 460-141360-2 MSD Client ID: MW-6 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	20.0	21.5	108	3	30	77-123	
m-Xylene & p-Xylene	20.0	21.0	105	2	30	80-120	
o-Xylene	20.0	20.5	102	1	30	80-120	
Styrene	20.0	18.4	92	3	30	80-120	
Tetrachloroethene	20.0	24.1	110	2	30	78-122	
Toluene	20.0	20.0	100	4	30	80-120	
trans-1,2-Dichloroethene	20.0	22.5	112	5	30	79-120	
trans-1,3-Dichloropropene	20.0	19.0	95	4	30	76-120	
Trichloroethene	20.0	21.1	106	2	30	77-120	
Trichlorofluoromethane	20.0	31.0	155	3	30	71-143	*
Vinyl chloride	20.0	23.7	118	6	30	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab File ID: A46218.D Lab Sample ID: MB 460-464711/7

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

Instrument ID: CVOAMS1 Date Analyzed: 09/24/2017 07:43

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-464711/3	A46214.D	09/24/2017 05:37
MW-5	460-141360-1	A46224.D	09/24/2017 10:02
MW-6	460-141360-2	A46225.D	09/24/2017 10:25
MW-6 MS	460-141360-2 MS	A46227.D	09/24/2017 11:11
MW-6 MSD	460-141360-2 MSD	A46228.D	09/24/2017 11:34
FB	460-141360-5	A46230.D	09/24/2017 12:21
TRIP BLANK	460-141360-9	A46231.D	09/24/2017 12:44
MW-1	460-141360-3	A46232.D	09/24/2017 13:07
MW-1D	460-141360-4	A46233.D	09/24/2017 13:30
MW-2	460-141360-6	A46234.D	09/24/2017 13:53
MW-3	460-141360-7	A46235.D	09/24/2017 14:16
MW-4	460-141360-8	A46236.D	09/24/2017 14:39

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

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab File ID: A43573.D BFB Injection Date: 08/07/2017

Instrument ID: CVOAMS1 BFB Injection Time: 05:50

Analysis Batch No.: 454423

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	50.0 - 120.00 % of mass 95	80.1	
175	5.0 - 9.0 % of mass 174	6.6	(8.3) 1
176	95.0 - 101.0 % of mass 174	79.4	(99.1) 1
177	5.0 - 9.0 % of mass 176	5.5	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-454423/2	A43574.D	08/07/2017	06:15
	STD1 460-454423/4	A43576.D	08/07/2017	07:01
	STD5 460-454423/5	A43577.D	08/07/2017	07:23
	STD20 460-454423/6	A43578.D	08/07/2017	07:46
	STD50 460-454423/7	A43579.D	08/07/2017	08:09
	STD200 460-454423/8	A43580.D	08/07/2017	08:31
	STD500 460-454423/9	A43581.D	08/07/2017	08:54

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

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab File ID: A46212.D BFB Injection Date: 09/24/2017

Instrument ID: CVOAMS1 BFB Injection Time: 04:44

Analysis Batch No.: 464711

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.6	
75	30.0 - 60.0 % of mass 95	46.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	50.0 - 120.00 % of mass 95	87.8	
175	5.0 - 9.0 % of mass 174	6.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	88.2	(100.4) 1
177	5.0 - 9.0 % of mass 176	5.8	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-464711/2	A46213.D	09/24/2017	05:14
	LCS 460-464711/3	A46214.D	09/24/2017	05:37
	MB 460-464711/7	A46218.D	09/24/2017	07:43
MW-5	460-141360-1	A46224.D	09/24/2017	10:02
MW-6	460-141360-2	A46225.D	09/24/2017	10:25
MW-6 MS	460-141360-2 MS	A46227.D	09/24/2017	11:11
MW-6 MSD	460-141360-2 MSD	A46228.D	09/24/2017	11:34
FB	460-141360-5	A46230.D	09/24/2017	12:21
TRIP BLANK	460-141360-9	A46231.D	09/24/2017	12:44
MW-1	460-141360-3	A46232.D	09/24/2017	13:07
MW-1D	460-141360-4	A46233.D	09/24/2017	13:30
MW-2	460-141360-6	A46234.D	09/24/2017	13:53
MW-3	460-141360-7	A46235.D	09/24/2017	14:16
MW-4	460-141360-8	A46236.D	09/24/2017	14:39

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

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Sample No.: CCVIS 460-464711/2 Date Analyzed: 09/24/2017 05:14

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A46213.D Heated Purge: (Y/N) N

Calibration ID: 63567

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		147052	3.36	184060	4.32	432079	5.20
UPPER LIMIT		294104	3.86	368120	4.82	864158	5.70
LOWER LIMIT		73526	2.86	92030	3.82	216040	4.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-464711/3		141432	3.35	166166	4.32	414505	5.19
MB 460-464711/7		137640	3.36	156220	4.32	399866	5.19
460-141360-1	MW-5	137416	3.37	155838	4.32	404975	5.20
460-141360-2	MW-6	138498	3.37	170837	4.32	426527	5.20
460-141360-2 MS	MW-6 MS	147889	3.37	186346	4.32	458947	5.19
460-141360-2 MSD	MW-6 MSD	155653	3.36	190221	4.32	468027	5.20
460-141360-5	FB	166171	3.37	182710	4.32	472097	5.19
460-141360-9	TRIP BLANK	168616	3.37	202903	4.32	496051	5.19
460-141360-3	MW-1	166740	3.36	202344	4.32	495351	5.20
460-141360-4	MW-1D	157373	3.36	187562	4.32	462134	5.19
460-141360-6	MW-2	163355	3.37	189285	4.32	479778	5.19
460-141360-7	MW-3	165182	3.37	182791	4.32	459364	5.20
460-141360-8	MW-4	163325	3.36	178817	4.32	448737	5.20

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 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Sample No.: CCVIS 460-464711/2 Date Analyzed: 09/24/2017 05:14

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A46213.D Heated Purge: (Y/N) N

Calibration ID: 63567

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22063	5.72	321846	7.68	197634	9.08
UPPER LIMIT		44126	6.22	643692	8.18	395268	9.58
LOWER LIMIT		11032	5.22	160923	7.18	98817	8.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-464711/3		19675	5.72	304920	7.68	195486	9.08
MB 460-464711/7		16950	5.72	285415	7.68	183465	9.08
460-141360-1	MW-5	17124	5.73	291790	7.68	182728	9.10
460-141360-2	MW-6	17403	5.72	307223	7.68	185796	9.10
460-141360-2 MS	MW-6 MS	21419	5.73	339357	7.68	206993	9.10
460-141360-2 MSD	MW-6 MSD	22218	5.72	343380	7.68	216265	9.10
460-141360-5	FB	22206	5.72	338202	7.68	214814	9.10
460-141360-9	TRIP BLANK	22808	5.73	358673	7.68	217717	9.10
460-141360-3	MW-1	21734	5.73	356524	7.68	216485	9.10
460-141360-4	MW-1D	20409	5.72	332822	7.68	211650	9.10
460-141360-6	MW-2	21911	5.73	345177	7.68	213228	9.12
460-141360-7	MW-3	21619	5.72	328231	7.68	209403	9.12
460-141360-8	MW-4	20860	5.73	321032	7.68	208684	9.12

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 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-5 | Lab Sample ID: 460-141360-1

Matrix: Water | Lab File ID: A46224.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 10:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.85	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-5 | Lab Sample ID: 460-141360-1

Matrix: Water | Lab File ID: A46224.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 10:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.78	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46224.D
Lims ID: 460-141360-B-1
Client ID: MW-5
Sample Type: Client
Inject. Date: 24-Sep-2017 10:02:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-B-1
Misc. Info.: 460-0060822-013
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 07:58:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.366	3.354	0.012	97	137416	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	95	155838	250.0	
49 Chloroform	83	4.585	4.585	0.000	98	3564	0.8506	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	120492	56.1	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	115877	49.3	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	404975	50.0	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	86	17124	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	412183	51.6	
86 Tetrachloroethene	166	7.024	7.024	0.000	95	1934	0.7830	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	291790	50.0	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	98	148030	52.5	
* 119 1,4-Dichlorobenzene-d4	152	9.096	9.078	0.018	94	182728	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

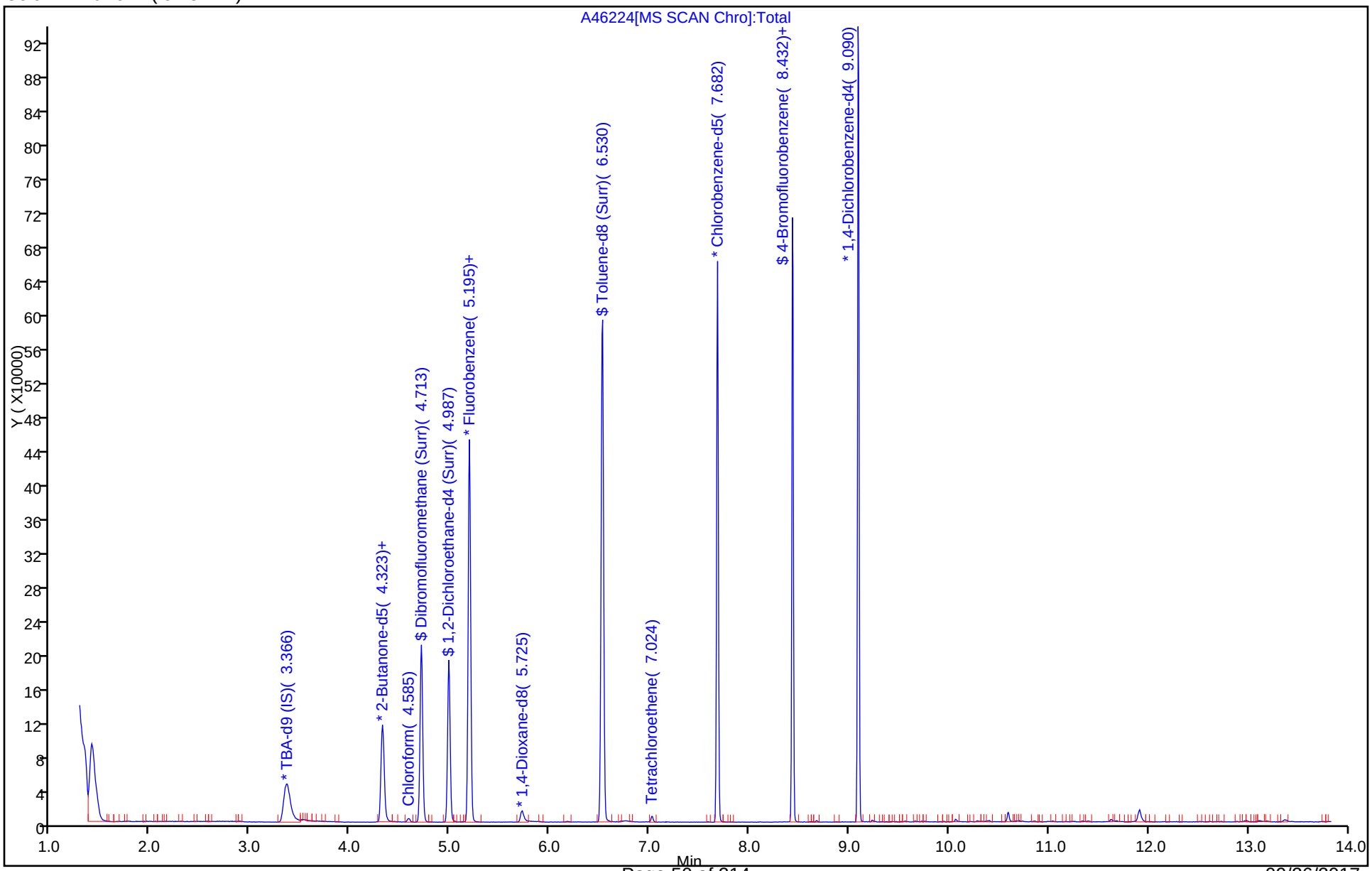
Report Date: 25-Sep-2017 08:12:44 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46224.D

Injection Date:	24-Sep-2017 10:02:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-B-1	Lab Sample ID:	460-141360-1	Worklist Smp#:	13
Client ID:	MW-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

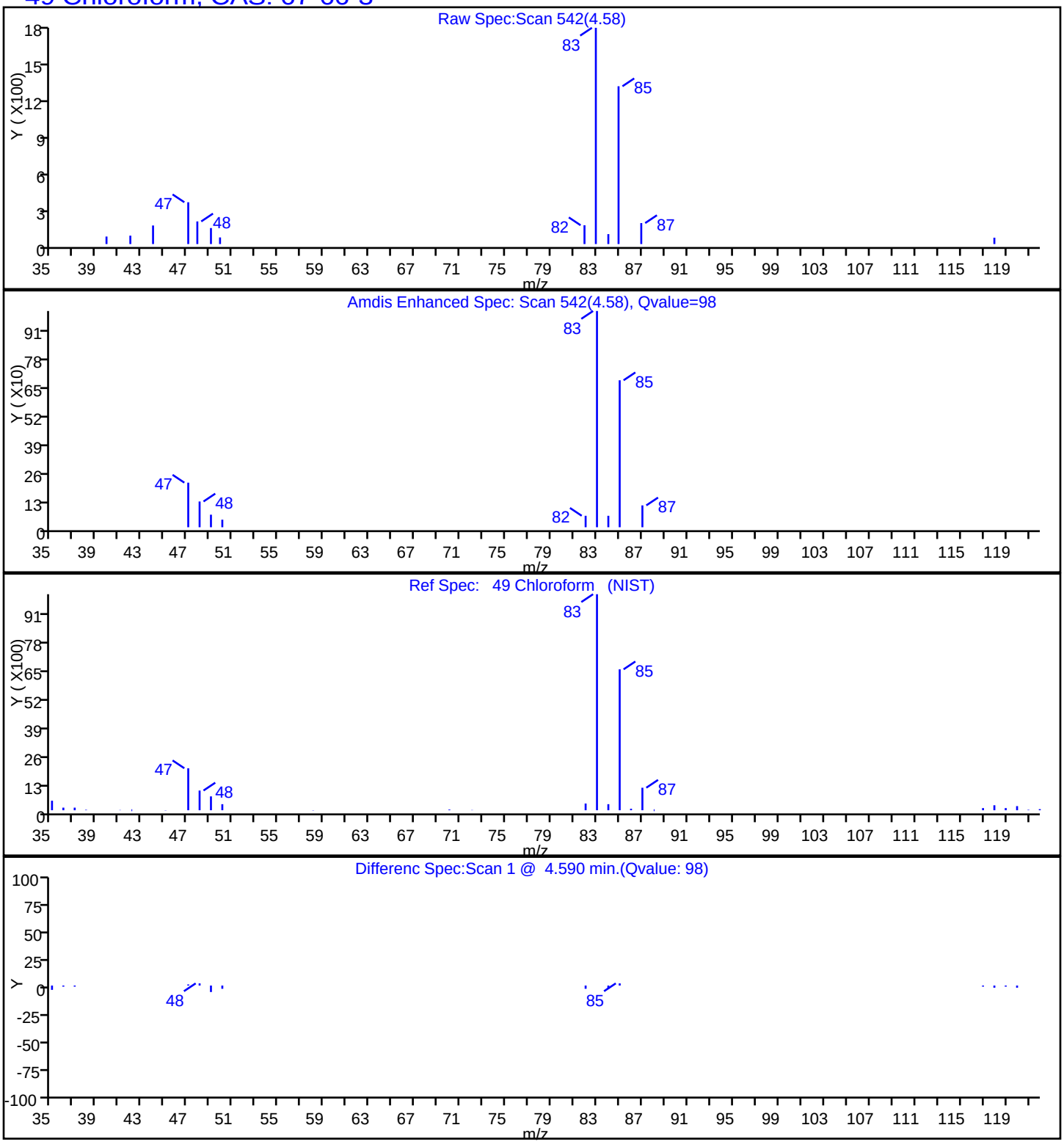
Column: Rtx-624 (0.25 mm)



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46224.D

Injection Date:	24-Sep-2017 10:02:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-B-1	Lab Sample ID:	460-141360-1		
Client ID:	MW-5				
Operator ID:	VOA GC/MS1	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

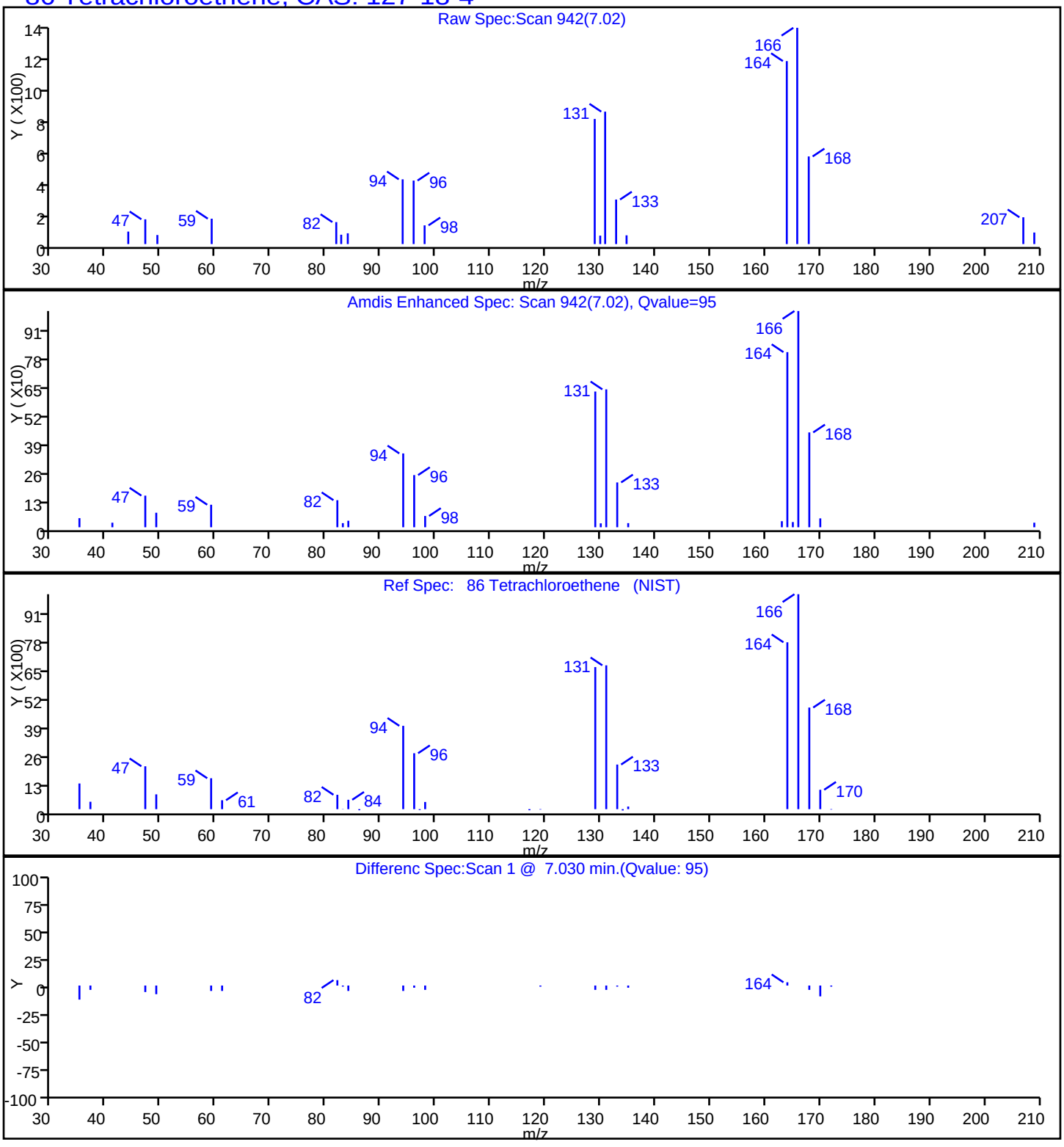
49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46224.D		
Injection Date:	24-Sep-2017 10:02:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-B-1	Lab Sample ID:	460-141360-1
Client ID:	MW-5		
Operator ID:	VOA GC/MS1	ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-141360-2

Matrix: Water | Lab File ID: A46225.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 10:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-141360-2

Matrix: Water | Lab File ID: A46225.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 10:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	2.1		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46225.D				
Lims ID:	460-141360-C-2				
Client ID:	MW-6				
Sample Type:	Client				
Inject. Date:	24-Sep-2017 10:25:30	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-141360-C-2				
Misc. Info.:	460-0060822-014				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	25-Sep-2017 08:09:12	Calib Date:	07-Aug-2017 08:54:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK008				
First Level Reviewer: moroneyc		Date:	25-Sep-2017 07:59:20		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.366	3.354	0.012	97	138498	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	95	170837	250.0	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	97	123693	54.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	96	121945	49.3	
* 64 Fluorobenzene	96	5.195	5.195	-0.001	99	426527	50.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	85	17403	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	427170	50.8	
86 Tetrachloroethene	166	7.023	7.024	-0.001	95	5412	2.08	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	84	307223	50.0	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	95	149569	50.4	
* 119 1,4-Dichlorobenzene-d4	152	9.102	9.078	0.024	94	185796	50.0	

Reagents:

8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00159	Amount Added:	1.00	Units: uL	Run Reagent

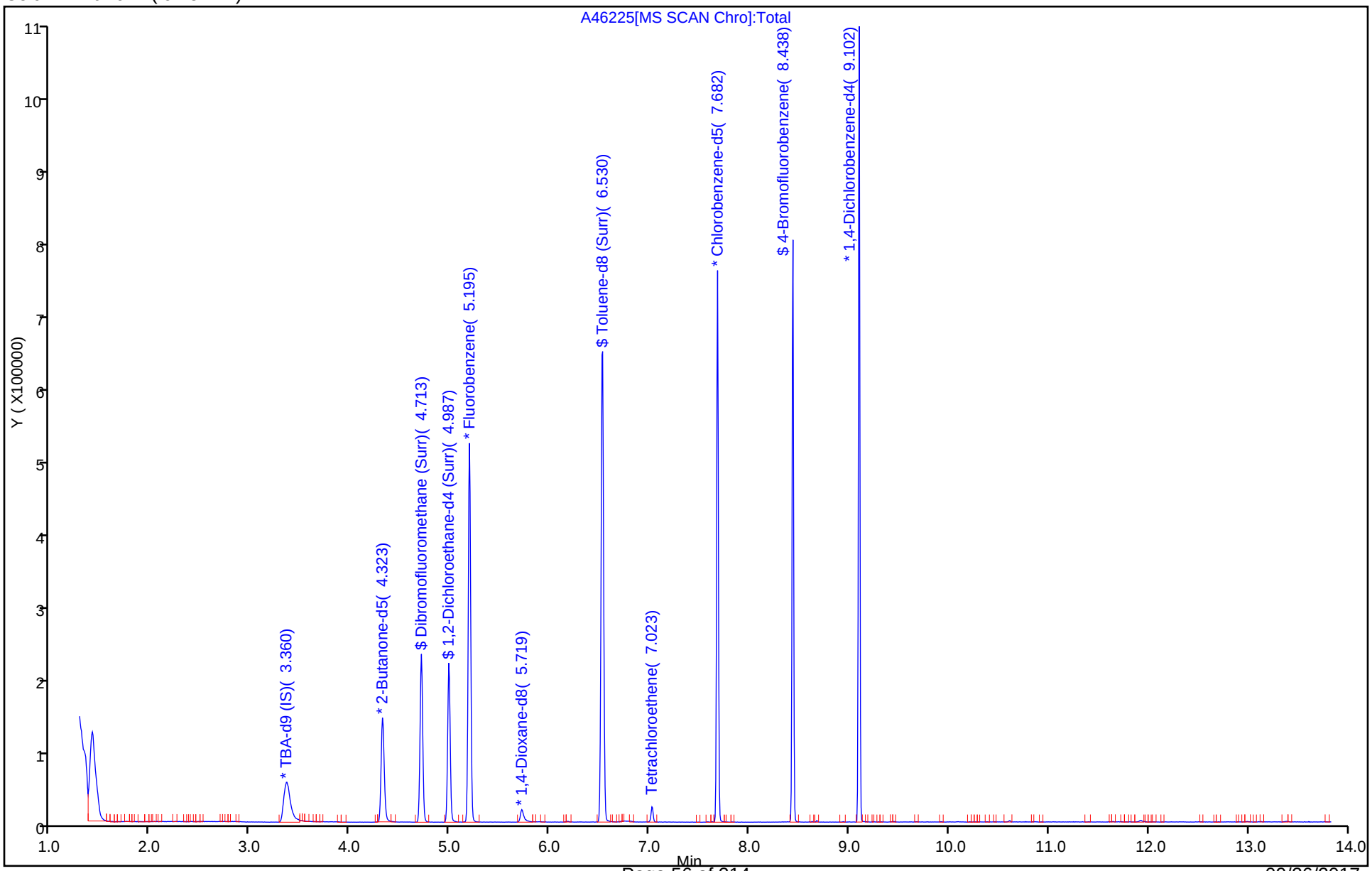
Report Date: 25-Sep-2017 08:12:45 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46225.D

Injection Date:	24-Sep-2017 10:25:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-2	Lab Sample ID:	460-141360-2	Worklist Smp#:	14
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

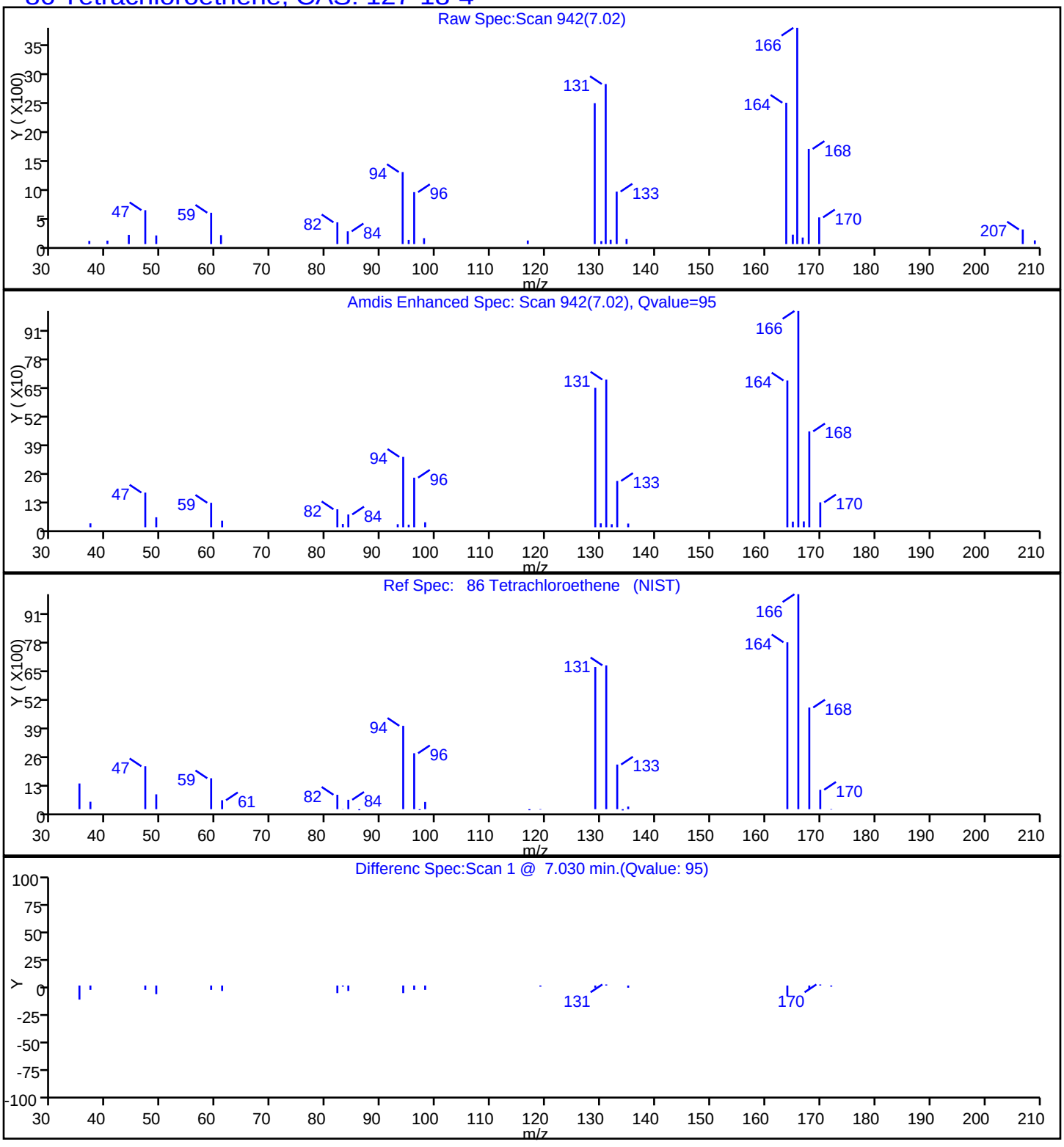
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46225.D				
Injection Date:	24-Sep-2017 10:25:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-2	Lab Sample ID:	460-141360-2		
Client ID:	MW-6				
Operator ID:	VOA GC/MS1	ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 460-141360-3

Matrix: Water | Lab File ID: A46232.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:20

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.53	J	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.48	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.28	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.23	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 460-141360-3

Matrix: Water | Lab File ID: A46232.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:20

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	6.3		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D
Lims ID: 460-141360-C-3
Client ID: MW-1
Sample Type: Client
Inject. Date: 24-Sep-2017 13:07:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-3
Misc. Info.: 460-0060822-021
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:04:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.360	3.354	0.006	96	166740	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	202344	250.0	
49 Chloroform	83	4.585	4.585	0.000	98	1415	0.2761	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	140752	53.6	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	136919	47.6	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	495351	50.0	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	86	21734	1000.0	
75 Dichlorobromomethane	83	5.902	5.896	0.006	96	871	0.2328	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	510246	52.3	
86 Tetrachloroethene	166	7.024	7.024	0.000	97	19051	6.31	
90 Chlorodibromomethane	129	7.280	7.280	0.000	92	1358	0.4816	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	84	356524	50.0	
101 Bromoform	173	8.249	8.243	0.006	90	1112	0.5301	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	98	179982	52.2	
* 119 1,4-Dichlorobenzene-d4	152	9.096	9.078	0.018	94	216485	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

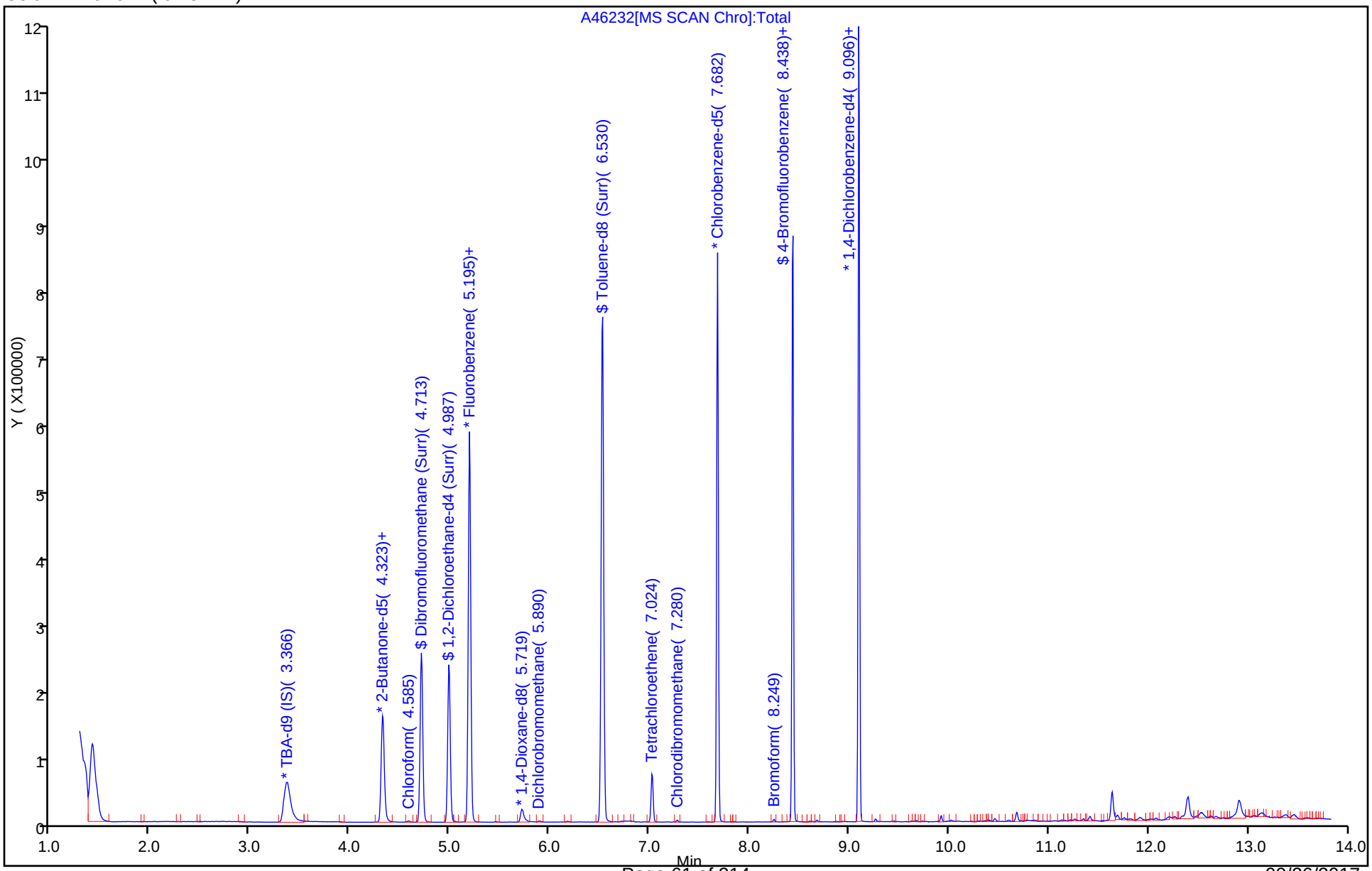
Report Date: 25-Sep-2017 08:12:52 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D

Injection Date:	24-Sep-2017 13:07:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-3	Lab Sample ID:	460-141360-3	Worklist Smp#:	21
Client ID:	MW-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

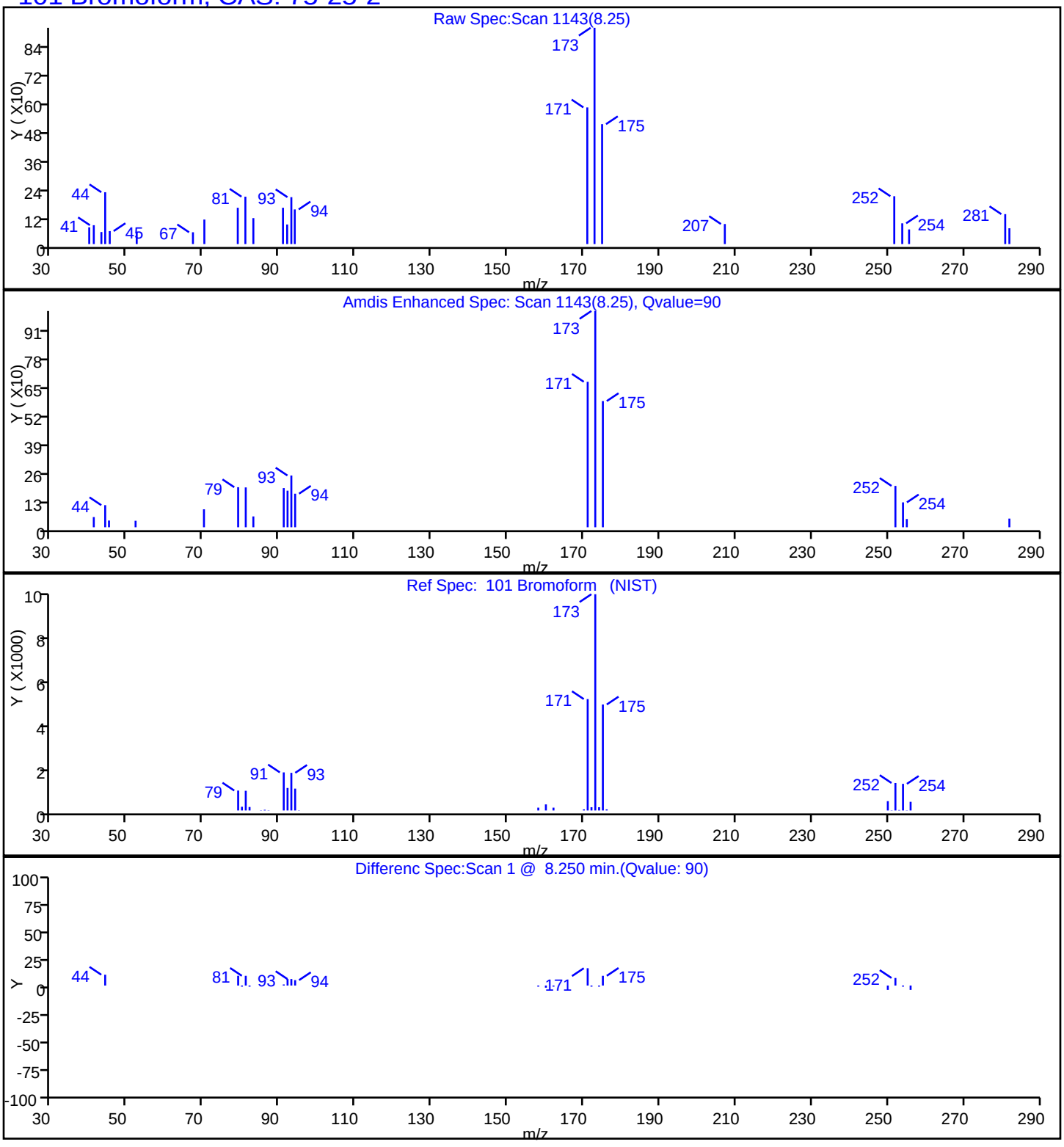
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

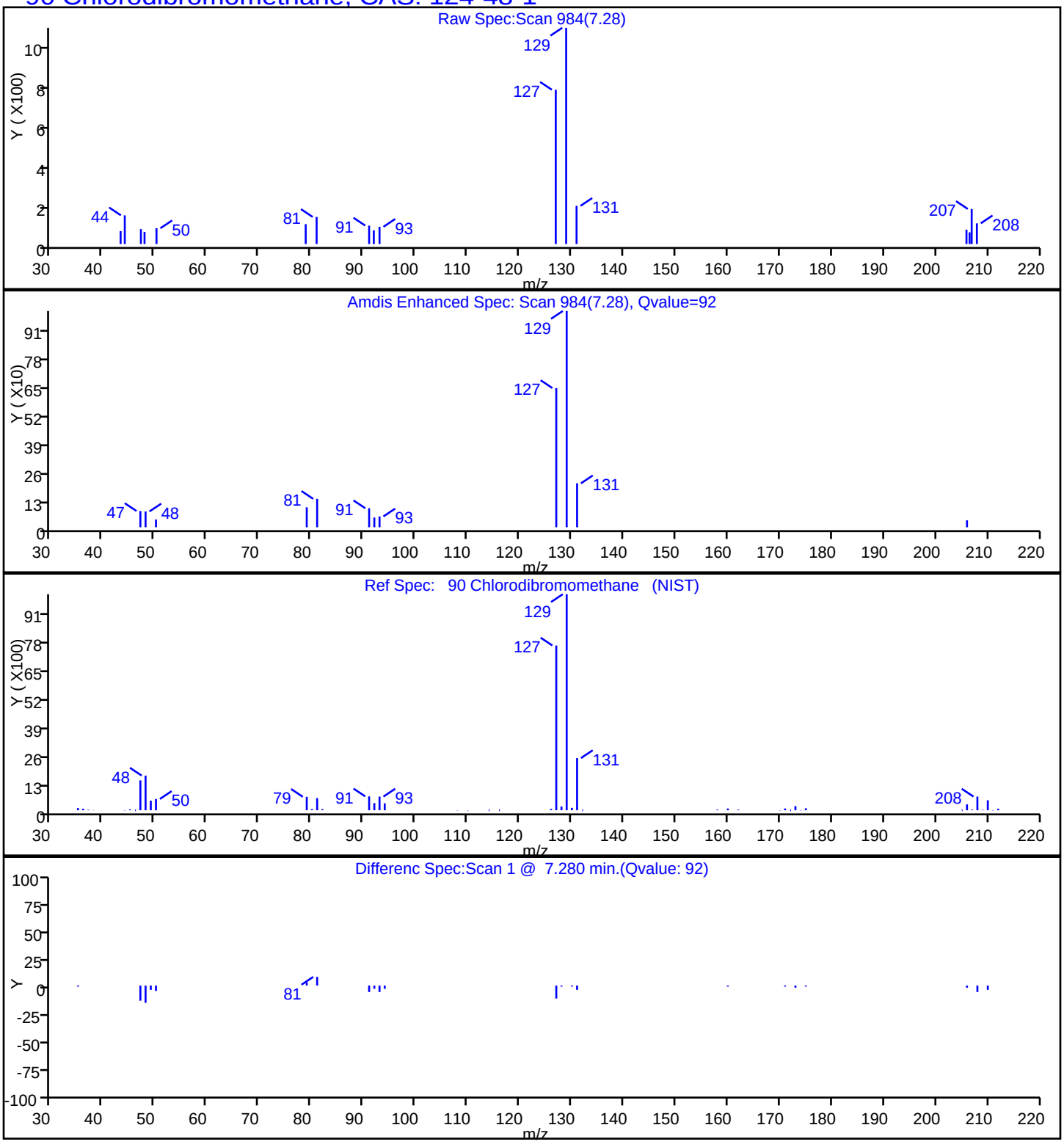
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D				
Injection Date:	24-Sep-2017 13:07:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-3	Lab Sample ID:	460-141360-3		
Client ID:	MW-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

101 Bromoform, CAS: 75-25-2



Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D				
Injection Date:	24-Sep-2017 13:07:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-3	Lab Sample ID:	460-141360-3		
Client ID:	MW-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

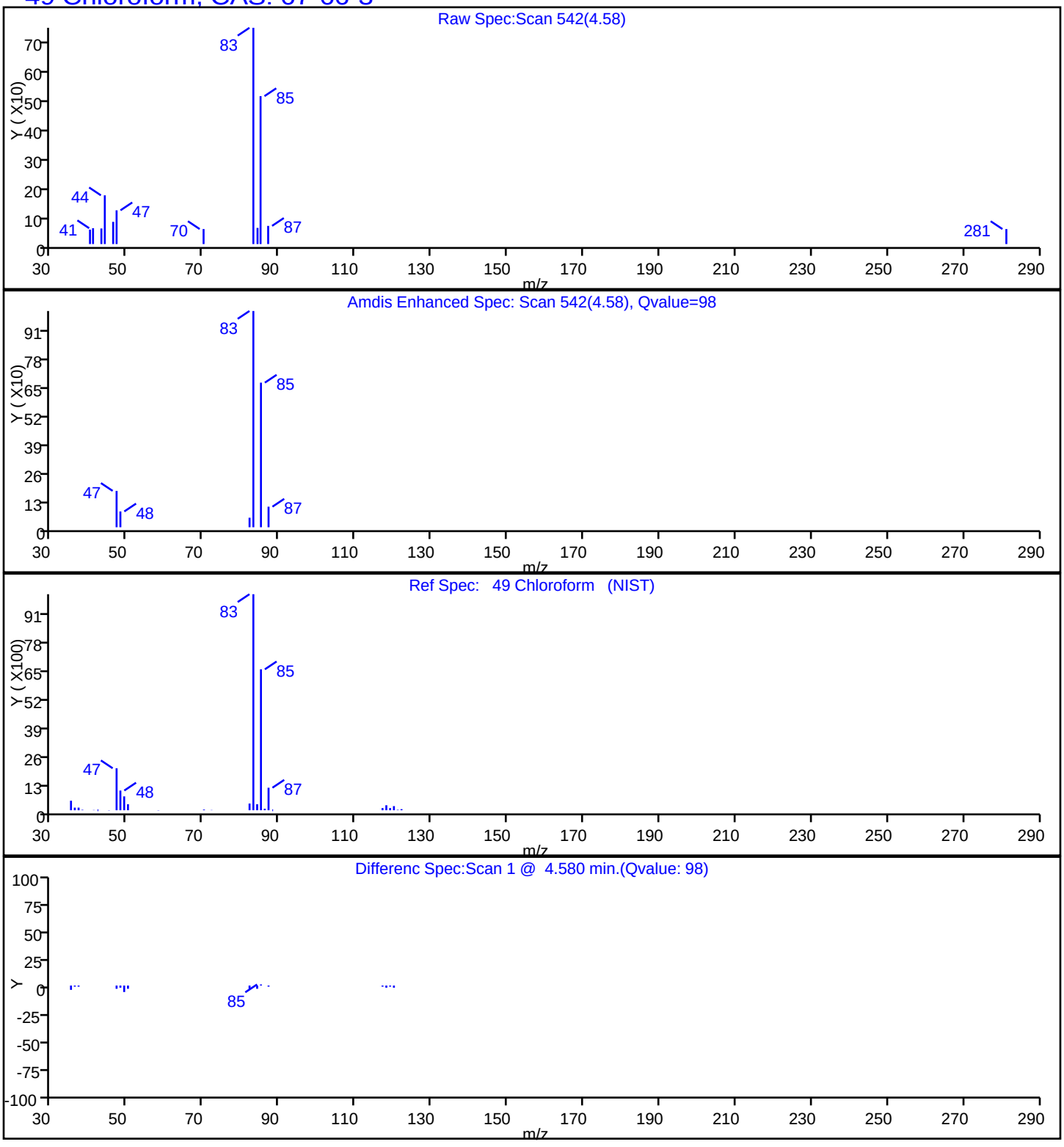
90 Chlorodibromomethane, CAS: 124-48-1



TestAmerica Edison

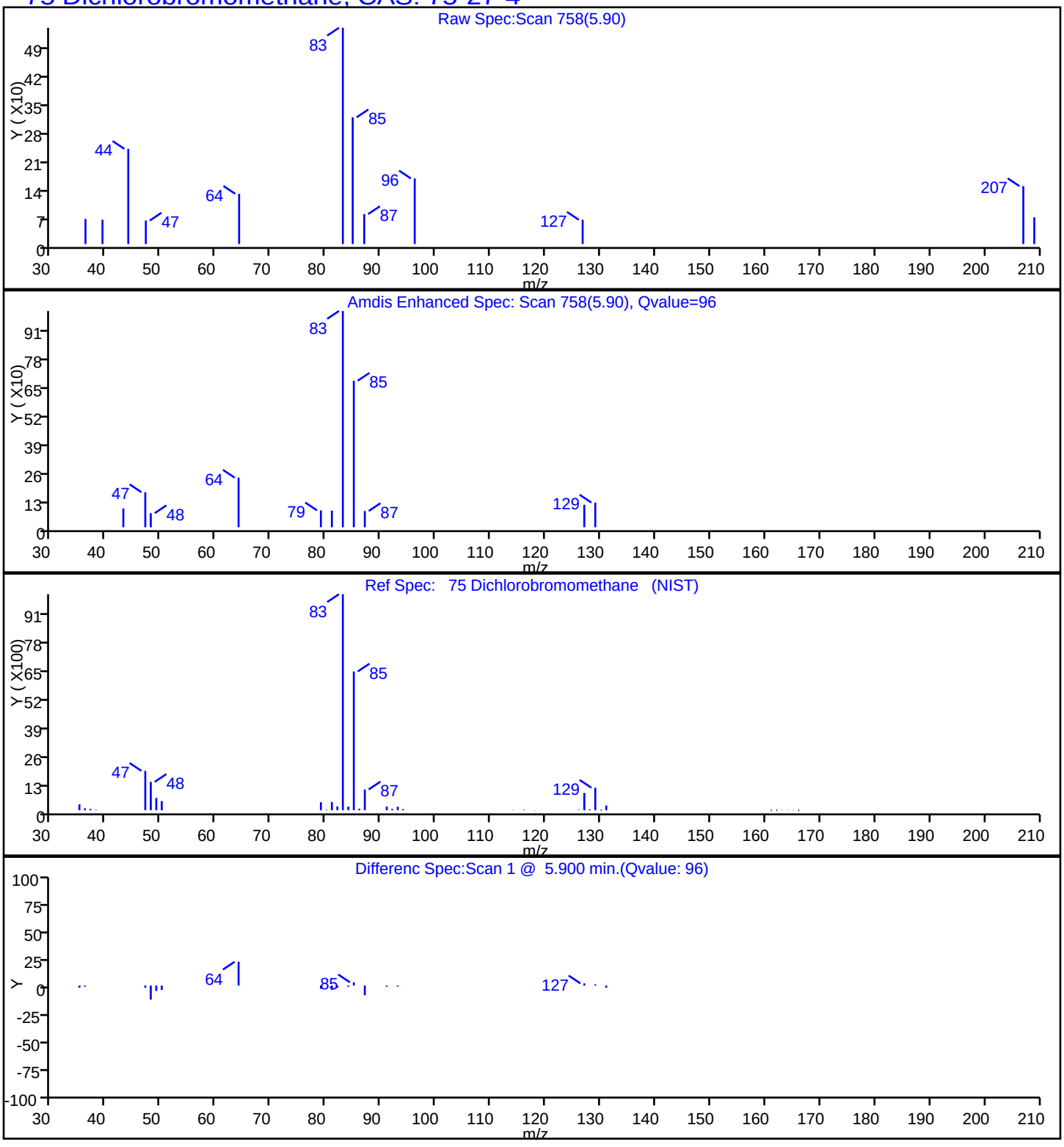
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D				
Injection Date:	24-Sep-2017 13:07:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-3	Lab Sample ID:	460-141360-3		
Client ID:	MW-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Chloroform, CAS: 67-66-3



Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D				
Injection Date:	24-Sep-2017 13:07:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-3	Lab Sample ID:	460-141360-3		
Client ID:	MW-1				
Operator ID:	VOA GC/MS1	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

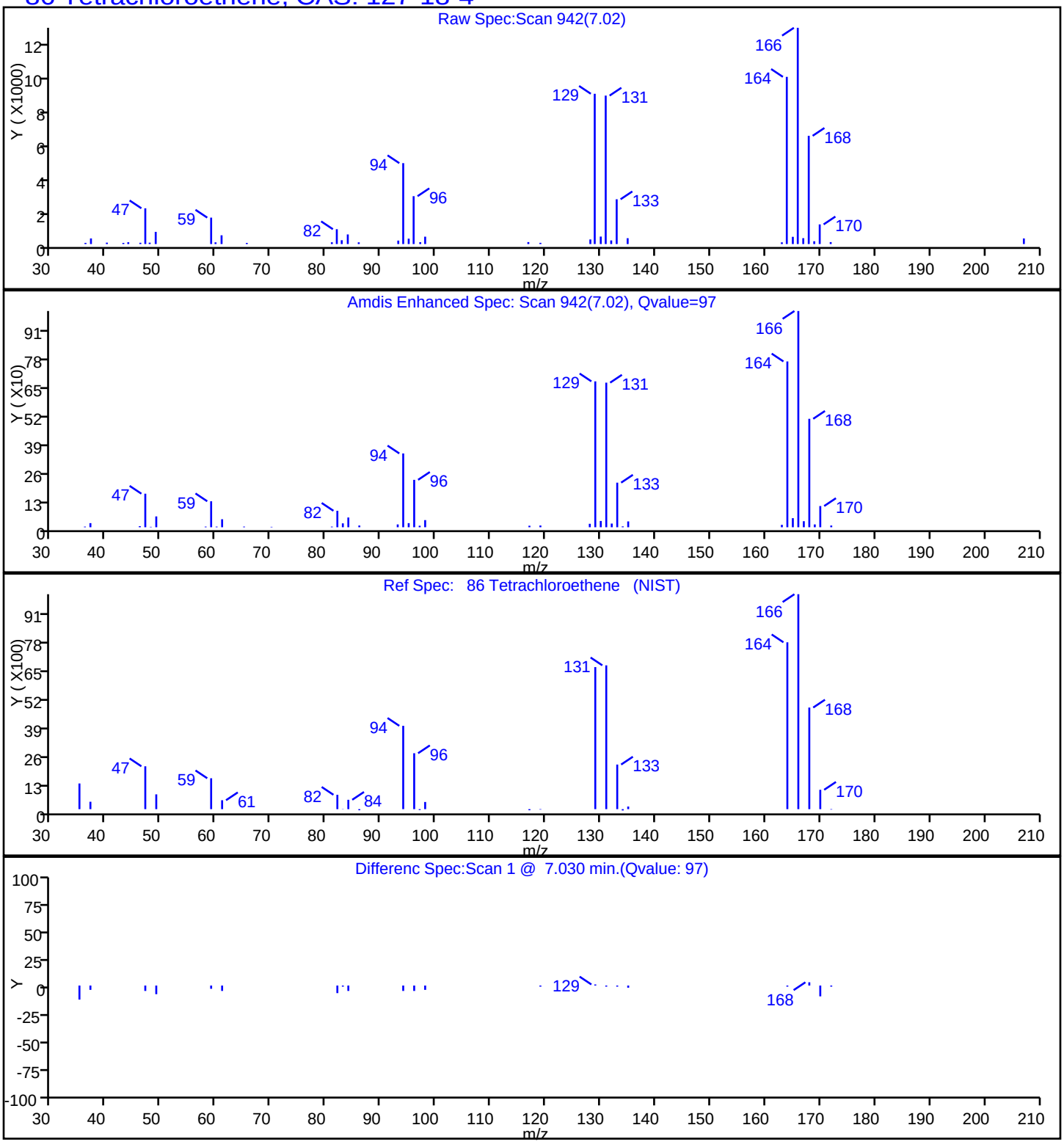
75 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46232.D		
Injection Date:	24-Sep-2017 13:07:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-C-3	Lab Sample ID:	460-141360-3
Client ID:	MW-1		
Operator ID:	VOA GC/MS1	ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1D | Lab Sample ID: 460-141360-4

Matrix: Water | Lab File ID: A46233.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:25

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.75	J	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.46	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.34	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.28	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1D | Lab Sample ID: 460-141360-4

Matrix: Water | Lab File ID: A46233.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:25

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	4.3		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D
Lims ID: 460-141360-C-4
Client ID: MW-1D
Sample Type: Client
Inject. Date: 24-Sep-2017 13:30:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-4
Misc. Info.: 460-0060822-022
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:04:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.359	3.354	0.005	96	157373	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	187562	250.0	
49 Chloroform	83	4.585	4.585	0.000	97	1631	0.3411	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	136648	55.8	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	130705	48.7	
* 64 Fluorobenzene	96	5.194	5.195	-0.001	99	462134	50.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	86	20409	1000.0	
75 Dichlorobromomethane	83	5.889	5.896	-0.007	94	984	0.2819	
$ 81 Toluene-d8 (Surr)	98	6.523	6.524	-0.001	99	479578	52.7	
86 Tetrachloroethene	166	7.023	7.024	-0.001	97	12001	4.26	
90 Chlorodibromomethane	129	7.279	7.280	-0.001	97	1224	0.4650	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	332822	50.0	
101 Bromoform	173	8.249	8.243	0.006	97	1471	0.7511	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	95	172706	53.7	
* 119 1,4-Dichlorobenzene-d4	152	9.102	9.078	0.024	93	211650	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

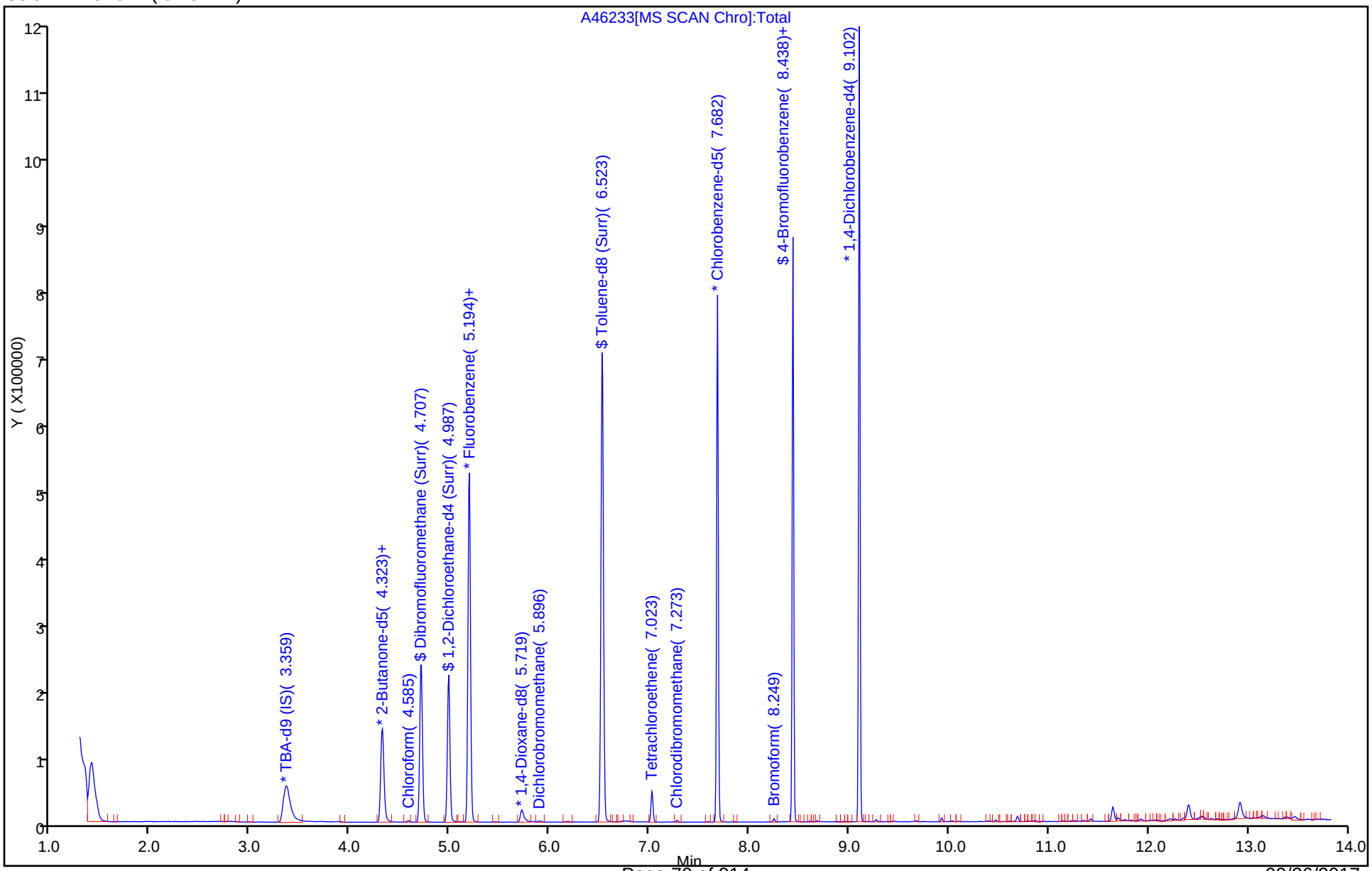
Report Date: 25-Sep-2017 08:12:53 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D

Injection Date:	24-Sep-2017 13:30:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-4	Lab Sample ID:	460-141360-4	Worklist Smp#:	22
Client ID:	MW-1D				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

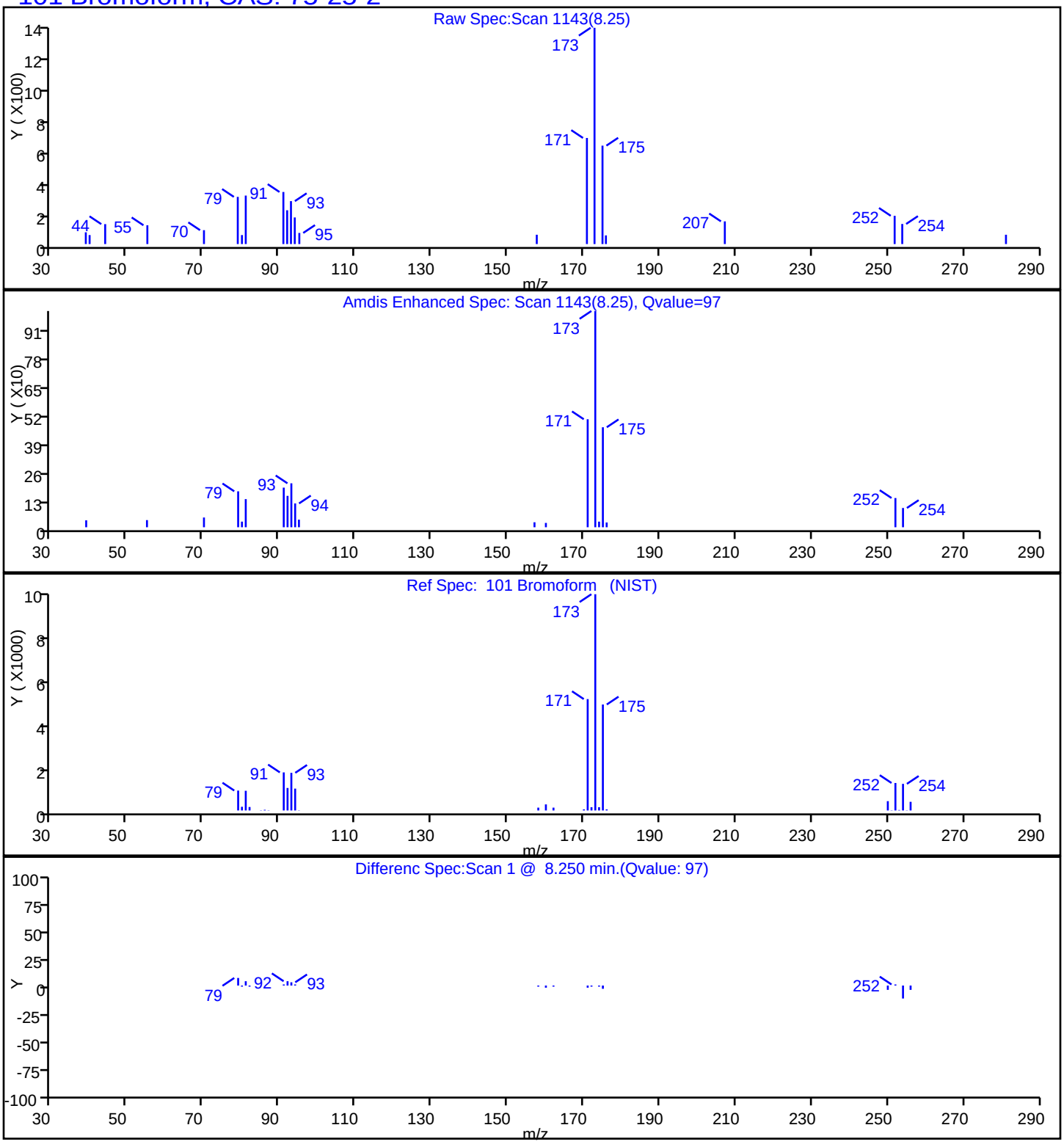
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

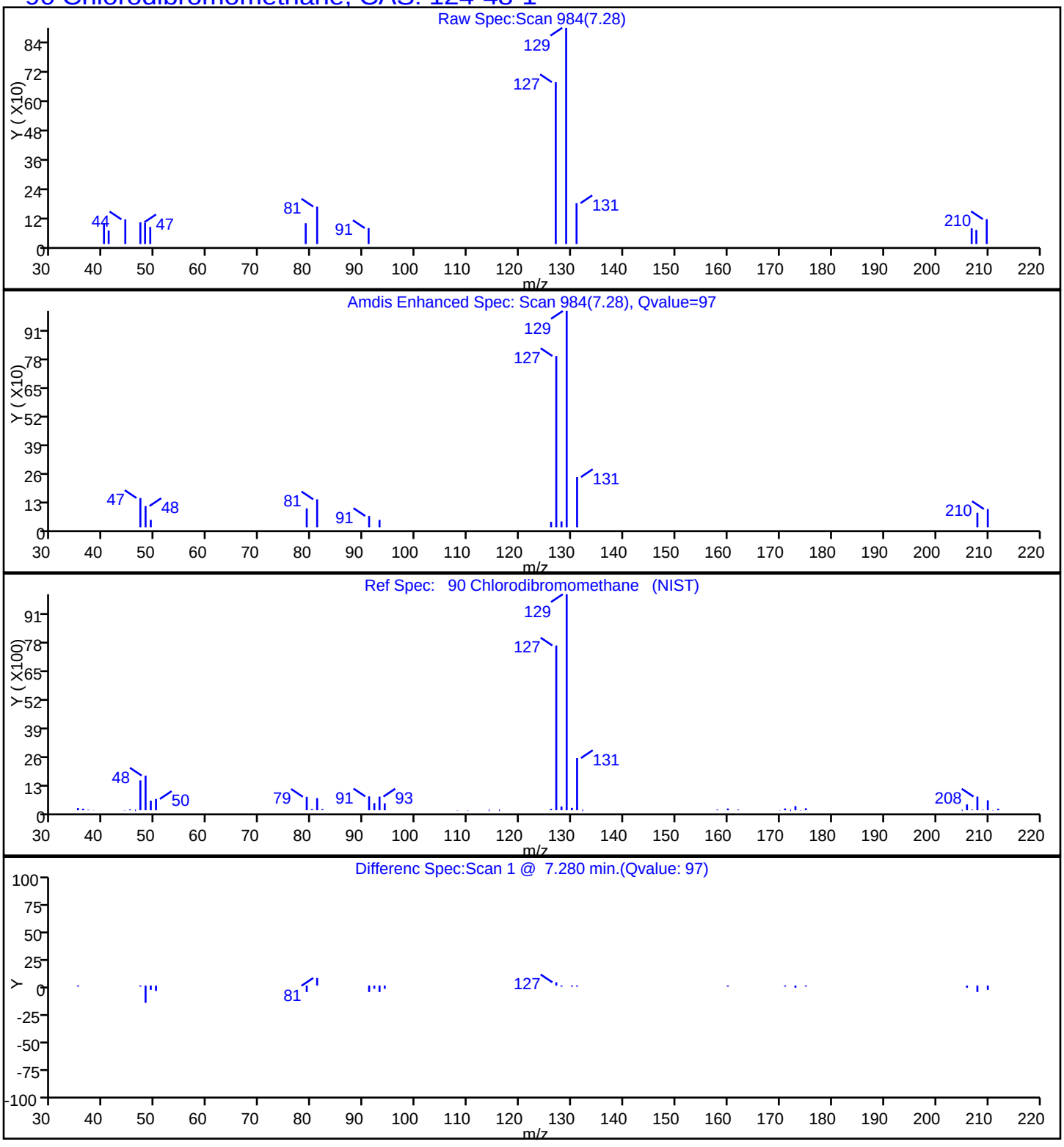
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D		
Injection Date:	24-Sep-2017 13:30:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-C-4	Lab Sample ID:	460-141360-4
Client ID:	MW-1D		
Operator ID:	VOA GC/MS1	ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

101 Bromoform, CAS: 75-25-2



Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D				
Injection Date:	24-Sep-2017 13:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-4	Lab Sample ID:	460-141360-4		
Client ID:	MW-1D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

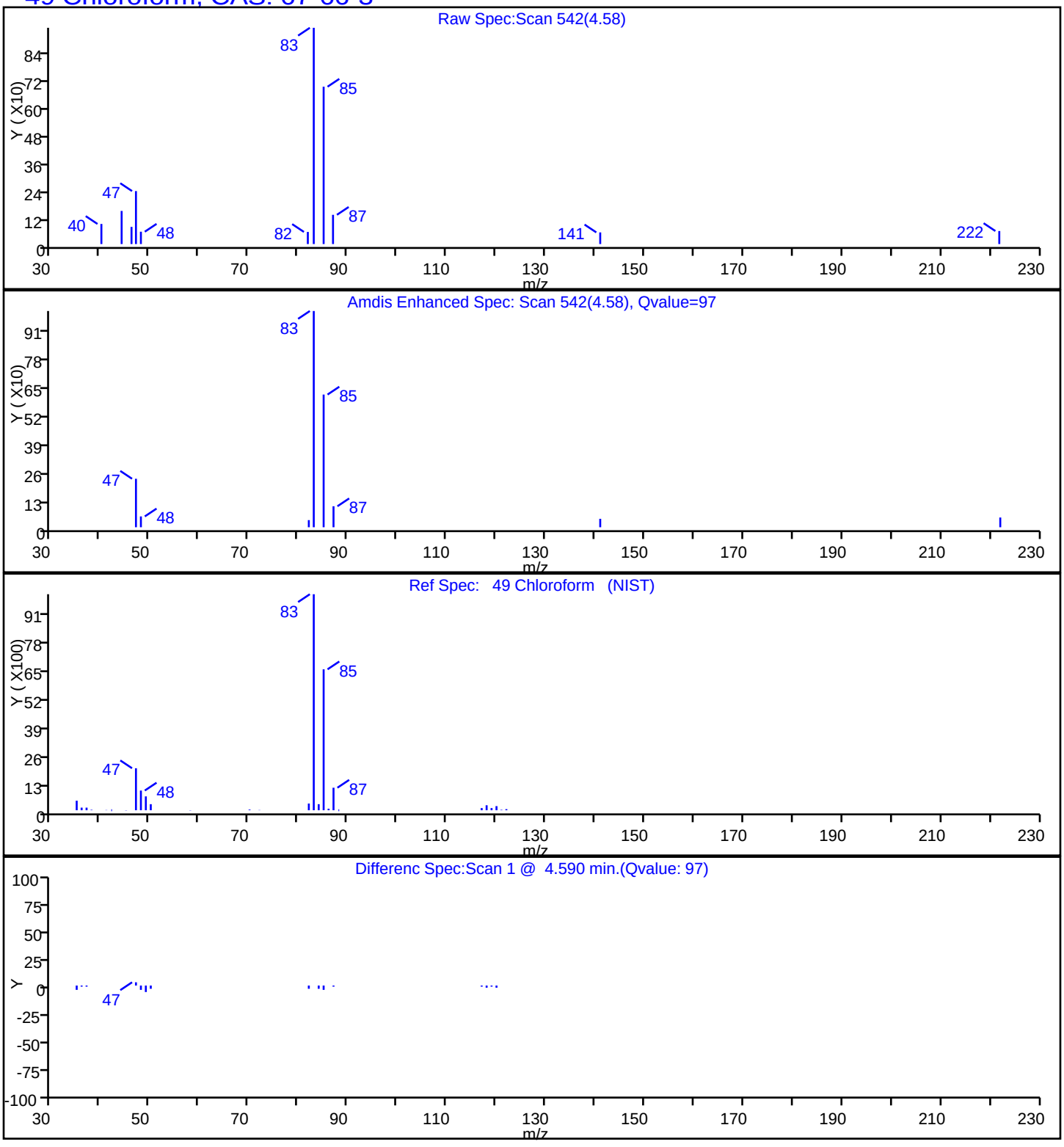
90 Chlorodibromomethane, CAS: 124-48-1



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D

Injection Date:	24-Sep-2017 13:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-4	Lab Sample ID:	460-141360-4		
Client ID:	MW-1D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

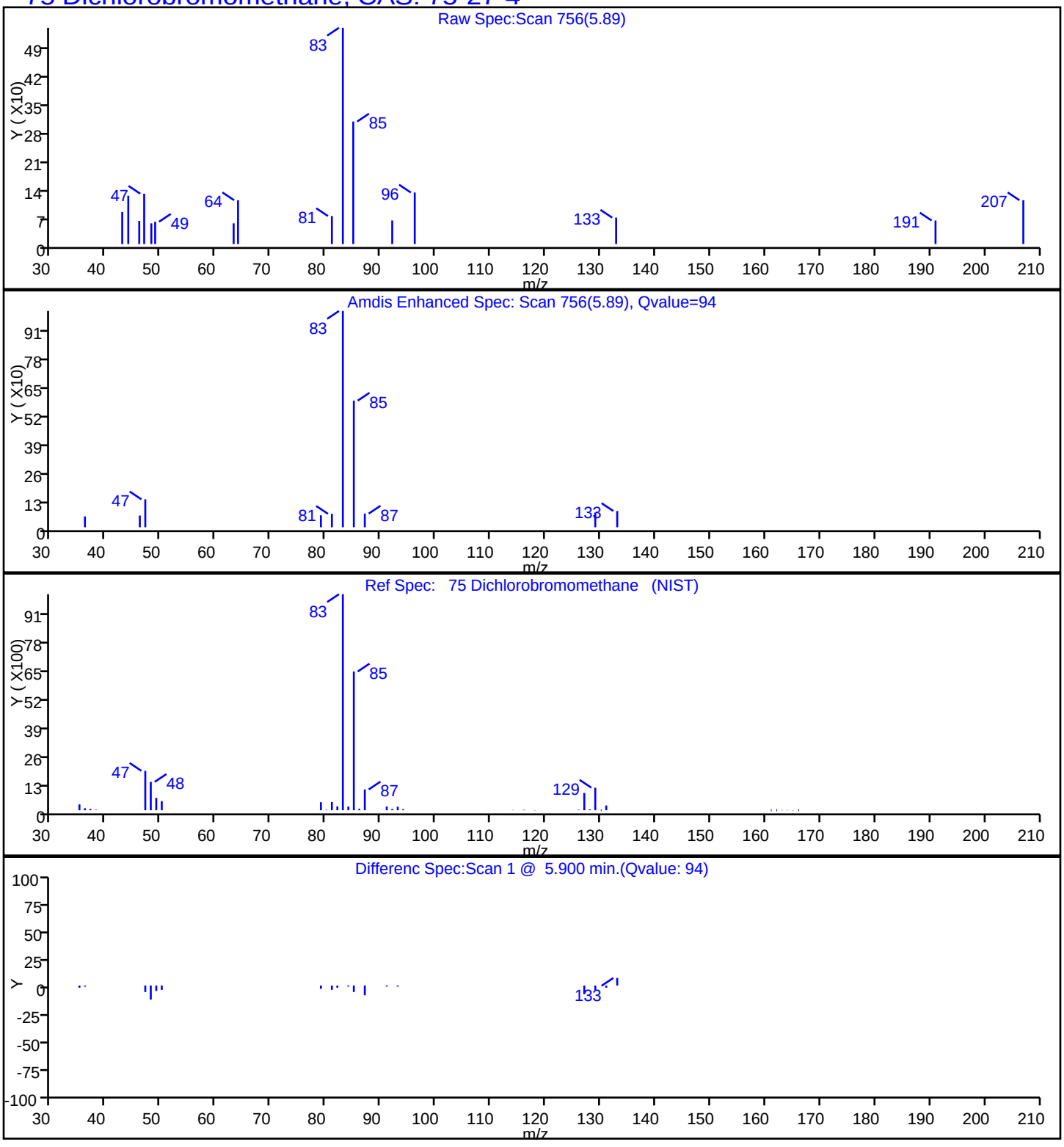
49 Chloroform, CAS: 67-66-3



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D

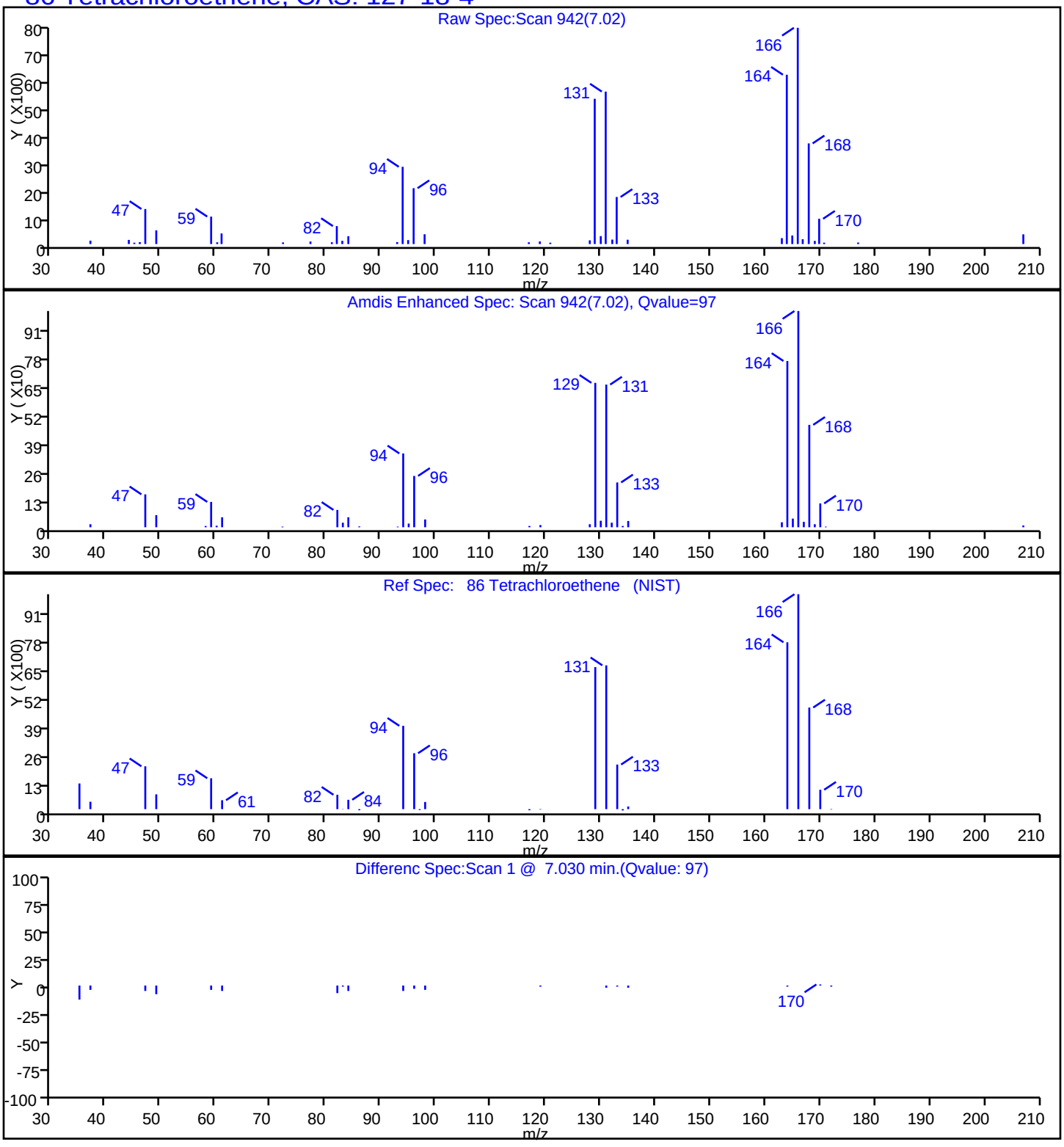
Injection Date:	24-Sep-2017 13:30:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-4	Lab Sample ID:	460-141360-4		
Client ID:	MW-1D				
Operator ID:	VOA GC/MS1	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

75 Dichlorobromomethane, CAS: 75-27-4



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46233.D
Injection Date: 24-Sep-2017 13:30:30 Instrument ID: CVOAMS1
Lims ID: 460-141360-C-4 Lab Sample ID: 460-141360-4
Client ID: MW-1D
Operator ID: VOA GC/MS1 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: FB | Lab Sample ID: 460-141360-5

Matrix: Water | Lab File ID: A46230.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.6		1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: FB | Lab Sample ID: 460-141360-5

Matrix: Water | Lab File ID: A46230.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	111		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46230.D				
Lims ID:	460-141360-C-5				
Client ID:	FB				
Sample Type:	Client				
Inject. Date:	24-Sep-2017 12:21:30	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-141360-C-5				
Misc. Info.:	460-0060822-019				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	25-Sep-2017 08:09:12	Calib Date:	07-Aug-2017 08:54:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK008				
First Level Reviewer: moroneyc		Date:	25-Sep-2017 08:03:08		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.365	3.354	0.011	96	166171	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	95	182710	250.0	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	138630	55.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	129722	47.3	
* 64 Fluorobenzene	96	5.194	5.195	-0.001	99	472097	50.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	85	22206	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	483231	52.2	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	338202	50.0	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	95	176415	54.0	
* 119 1,4-Dichlorobenzene-d4	152	9.102	9.078	0.024	93	214814	50.0	
120 1,4-Dichlorobenzene	146	9.120	9.090	0.030	94	11728	1.57	

Reagents:

8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00159	Amount Added:	1.00	Units: uL	Run Reagent

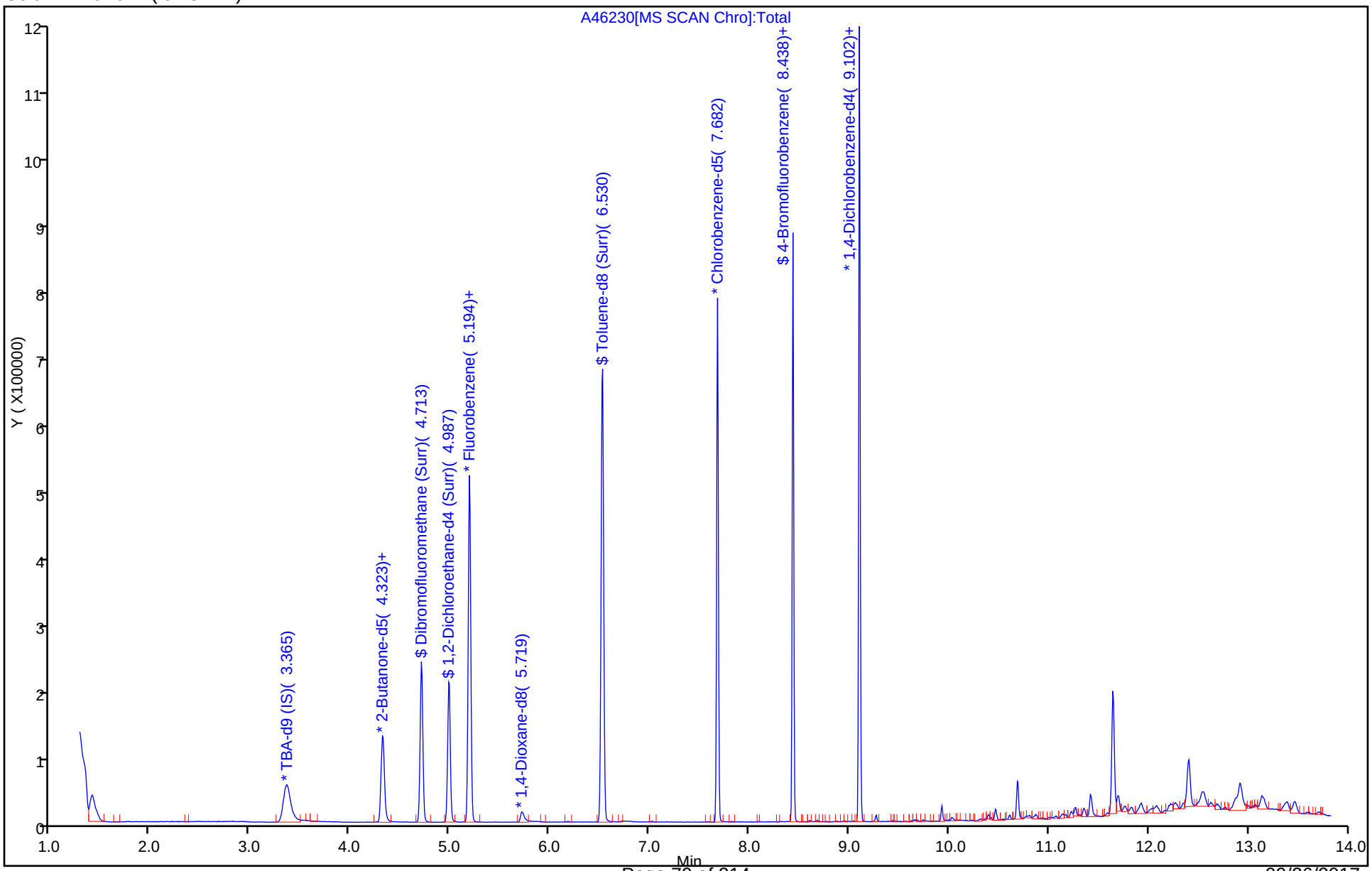
Report Date: 25-Sep-2017 08:12:49 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46230.D

Injection Date:	24-Sep-2017 12:21:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-5	Lab Sample ID:	460-141360-5	Worklist Smp#:	19
Client ID:	FB				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

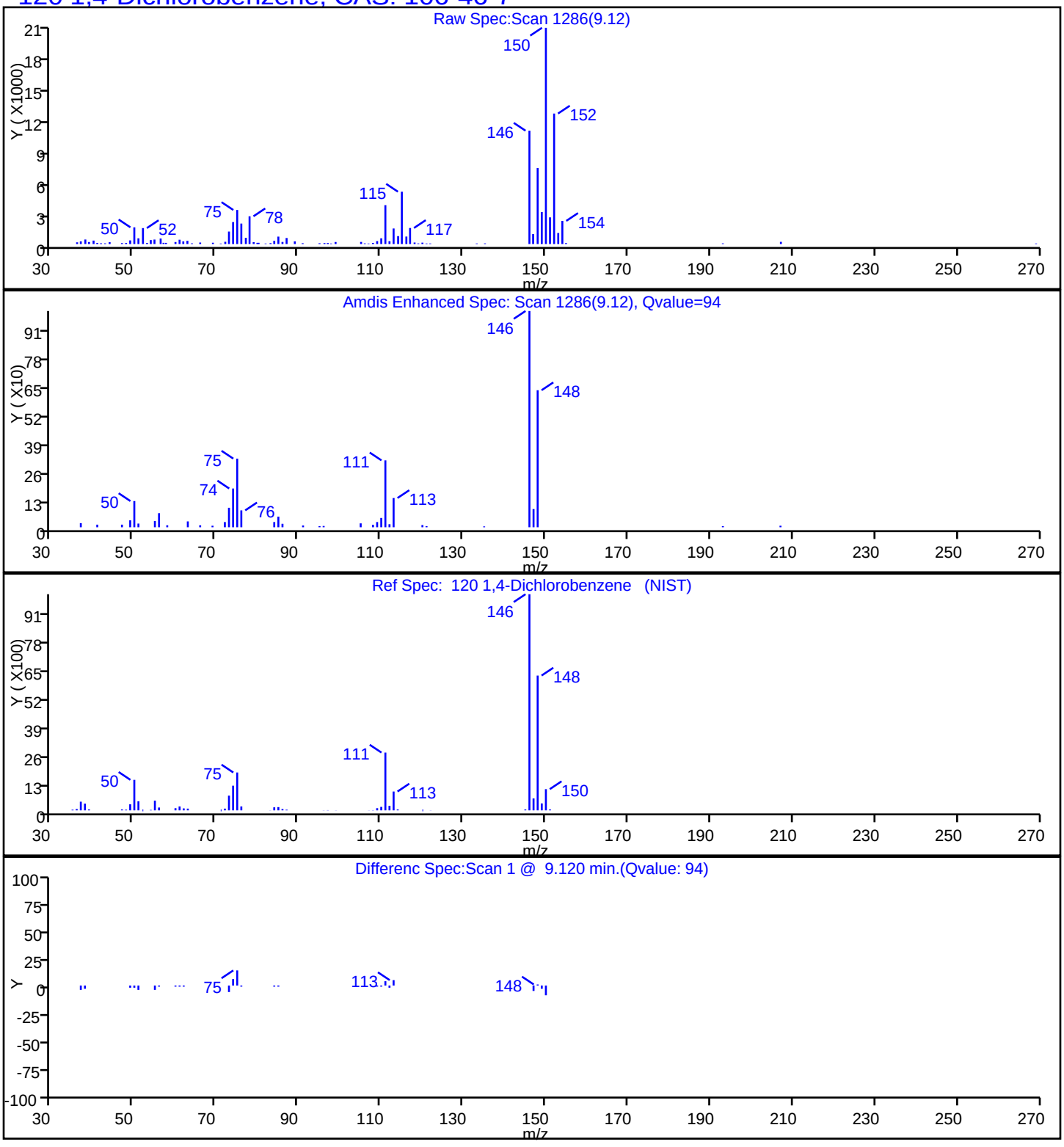
Column: Rtx-624 (0.25 mm)



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46230.D

Injection Date:	24-Sep-2017 12:21:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-5	Lab Sample ID:	460-141360-5		
Client ID:	FB				
Operator ID:	VOA GC/MS1	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

120 1,4-Dichlorobenzene, CAS: 106-46-7



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 460-141360-6

Matrix: Water | Lab File ID: A46234.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 460-141360-6

Matrix: Water | Lab File ID: A46234.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.12	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46234.D
Lims ID: 460-141360-C-6
Client ID: MW-2
Sample Type: Client
Inject. Date: 24-Sep-2017 13:53:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-6
Misc. Info.: 460-0060822-023
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:05:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.372	3.354	0.018	96	163355	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	189285	250.0	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	138869	54.6	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	131347	47.2	
* 64 Fluorobenzene	96	5.194	5.195	-0.001	99	479778	50.0	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	83	21911	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	485998	51.4	
86 Tetrachloroethene	166	7.017	7.024	-0.007	80	364	0.1246	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	345177	50.0	
$ 103 4-Bromofluorobenzene	174	8.444	8.432	0.012	96	174175	52.2	
* 119 1,4-Dichlorobenzene-d4	152	9.121	9.078	0.042	94	213228	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

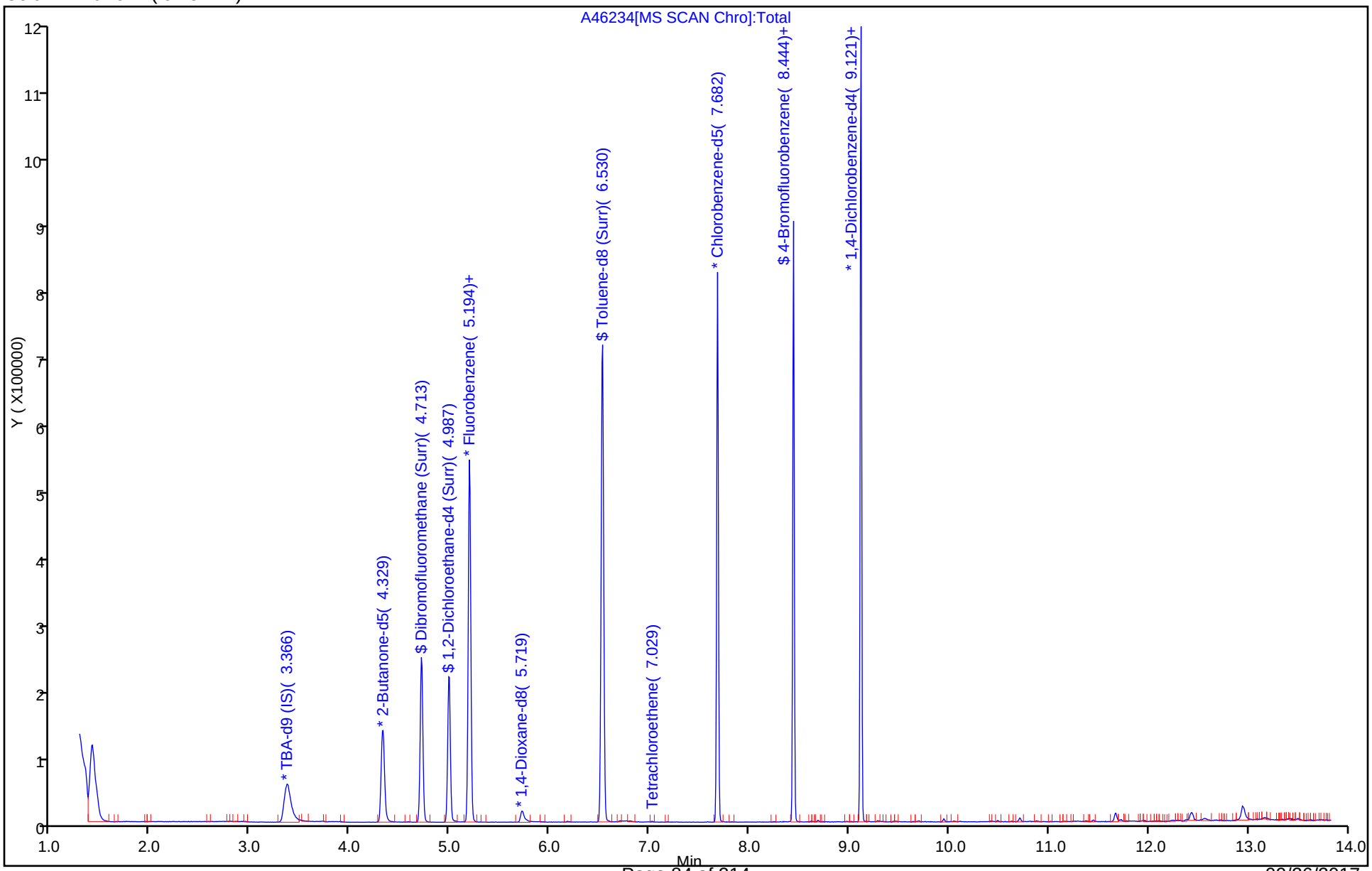
Report Date: 25-Sep-2017 08:12:54 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46234.D

Injection Date:	24-Sep-2017 13:53:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-6	Lab Sample ID:	460-141360-6	Worklist Smp#:	23
Client ID:	MW-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

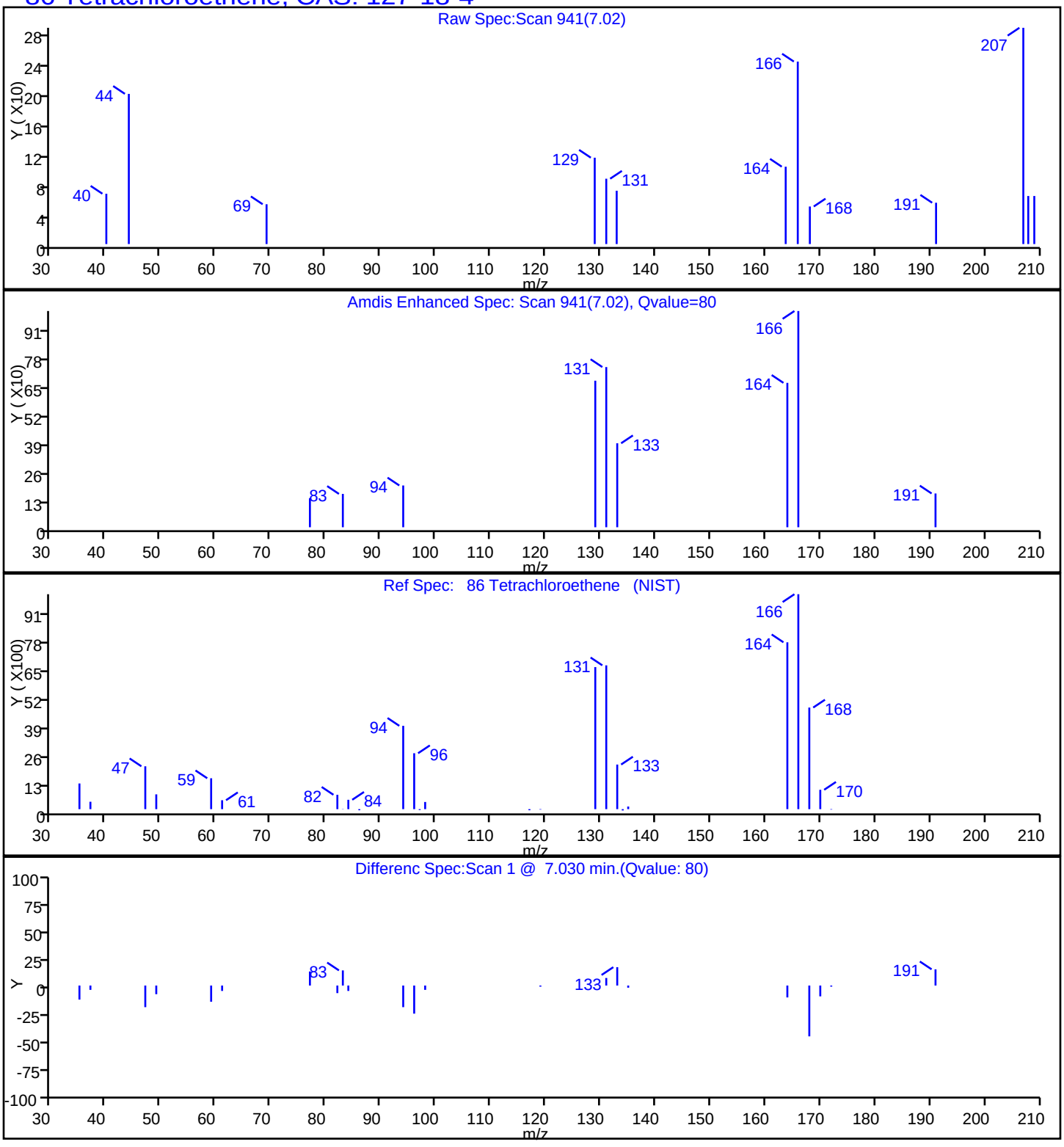
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46234.D		
Injection Date:	24-Sep-2017 13:53:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-C-6	Lab Sample ID:	460-141360-6
Client ID:	MW-2		
Operator ID:	VOA GC/MS1	ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-141360-7

Matrix: Water | Lab File ID: A46235.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.25	J	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.22	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.24	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.21	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-141360-7

Matrix: Water | Lab File ID: A46235.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46235.D
Lims ID: 460-141360-C-7
Client ID: MW-3
Sample Type: Client
Inject. Date: 24-Sep-2017 14:16:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-7
Misc. Info.: 460-0060822-024
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:05:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.366	3.354	0.012	97	165182	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	182791	250.0	
49 Chloroform	83	4.585	4.585	0.000	95	1158	0.2437	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	136640	56.1	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	125978	47.2	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	459364	50.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	87	21619	1000.0	
75 Dichlorobromomethane	83	5.902	5.896	0.006	94	733	0.2113	
$ 81 Toluene-d8 (Surr)	98	6.524	6.524	0.000	99	468804	52.2	
90 Chlorodibromomethane	129	7.279	7.280	-0.001	90	581	0.2238	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	328231	50.0	
101 Bromoform	173	8.255	8.243	0.012	93	485	0.2511	
$ 103 4-Bromofluorobenzene	174	8.444	8.432	0.012	95	169670	53.5	
* 119 1,4-Dichlorobenzene-d4	152	9.121	9.078	0.043	94	209403	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

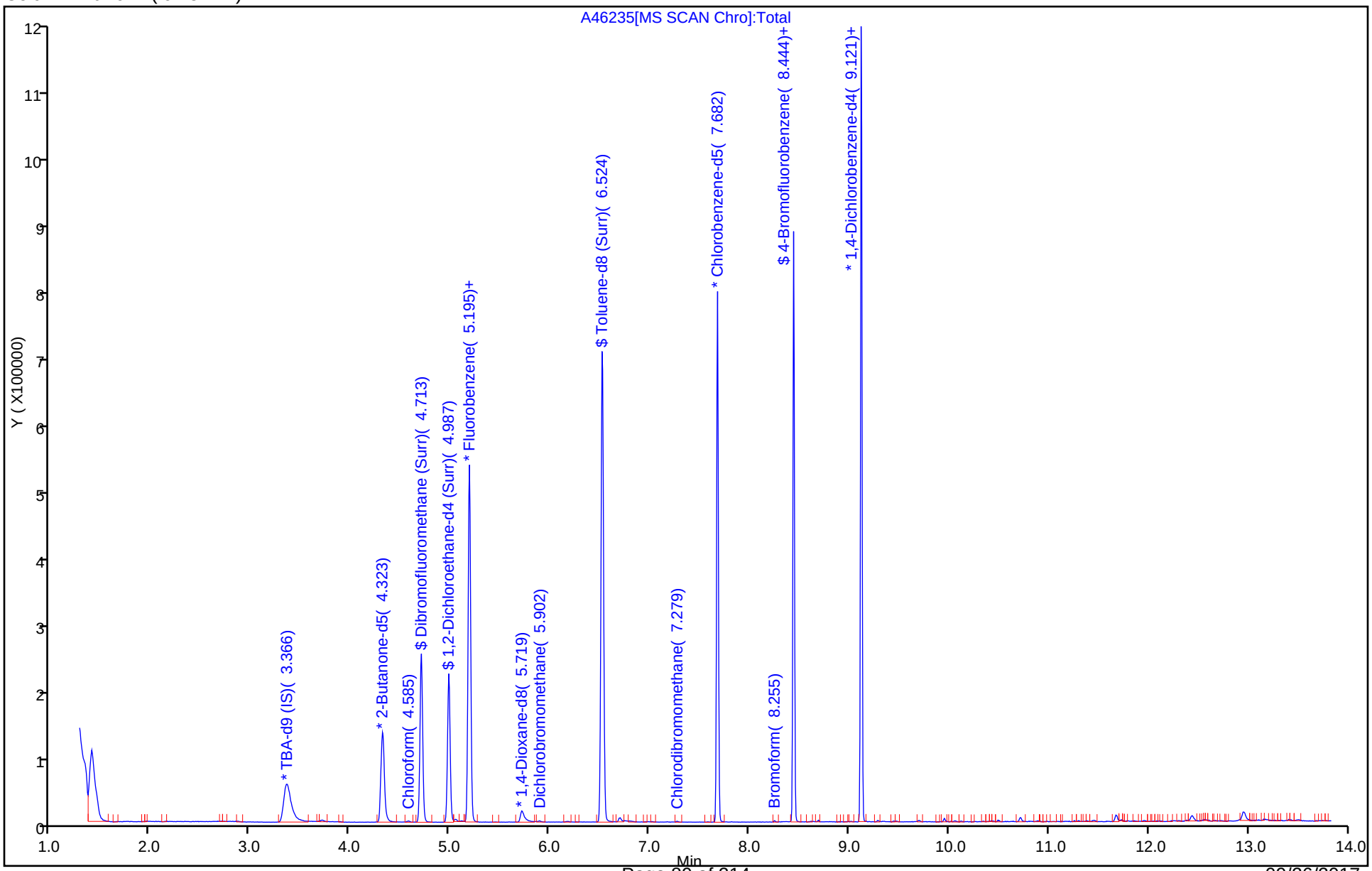
Report Date: 25-Sep-2017 08:12:55 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46235.D

Injection Date:	24-Sep-2017 14:16:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-7	Lab Sample ID:	460-141360-7	Worklist Smp#:	24
Client ID:	MW-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

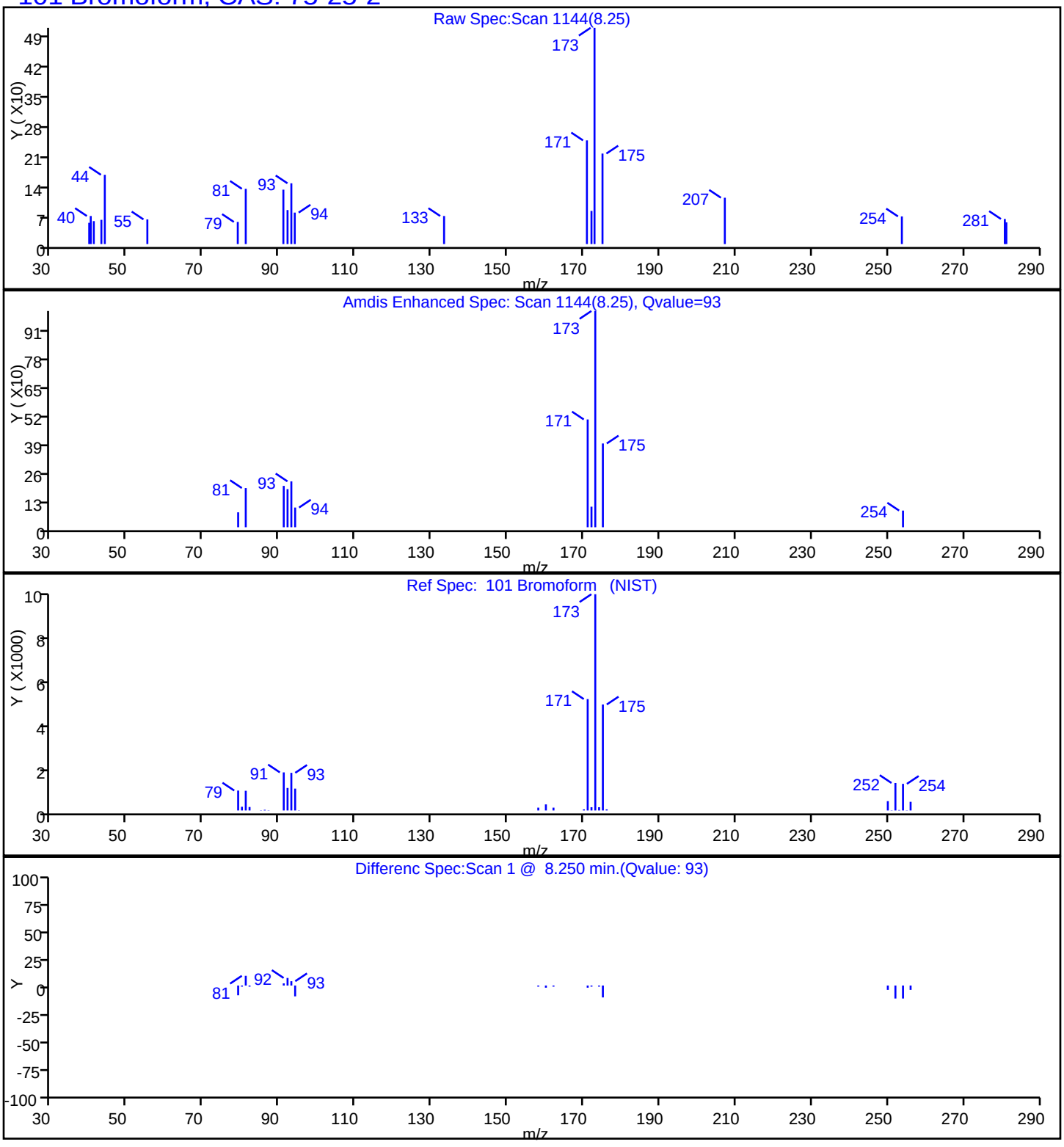
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46235.D		
Injection Date:	24-Sep-2017 14:16:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-C-7	Lab Sample ID:	460-141360-7
Client ID:	MW-3		
Operator ID:	VOA GC/MS1	ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

101 Bromoform, CAS: 75-25-2



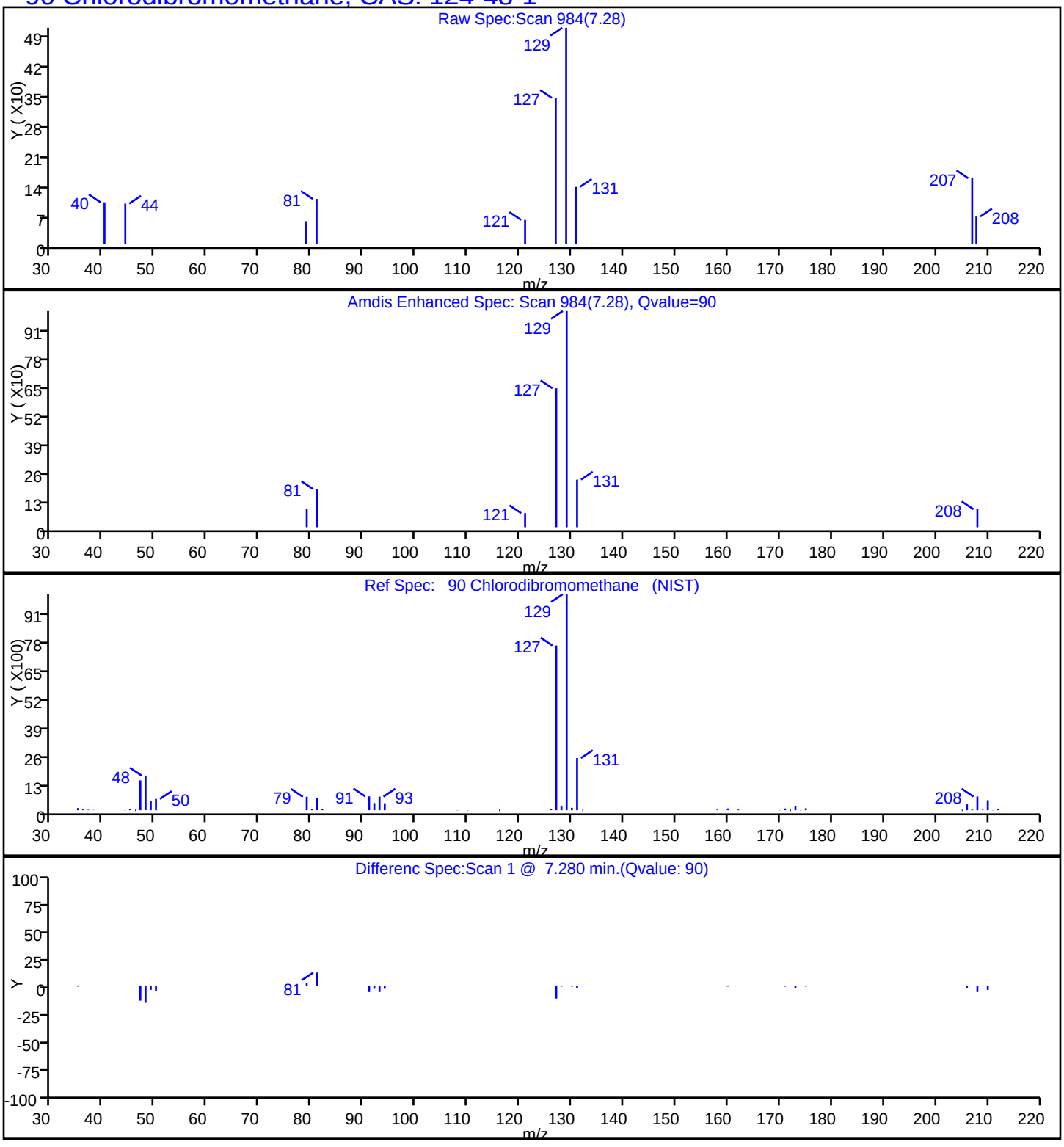
Report Date: 25-Sep-2017 08:12:55 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46235.D

Injection Date:	24-Sep-2017 14:16:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-7	Lab Sample ID:	460-141360-7		
Client ID:	MW-3				
Operator ID:	VOA GC/MS1	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

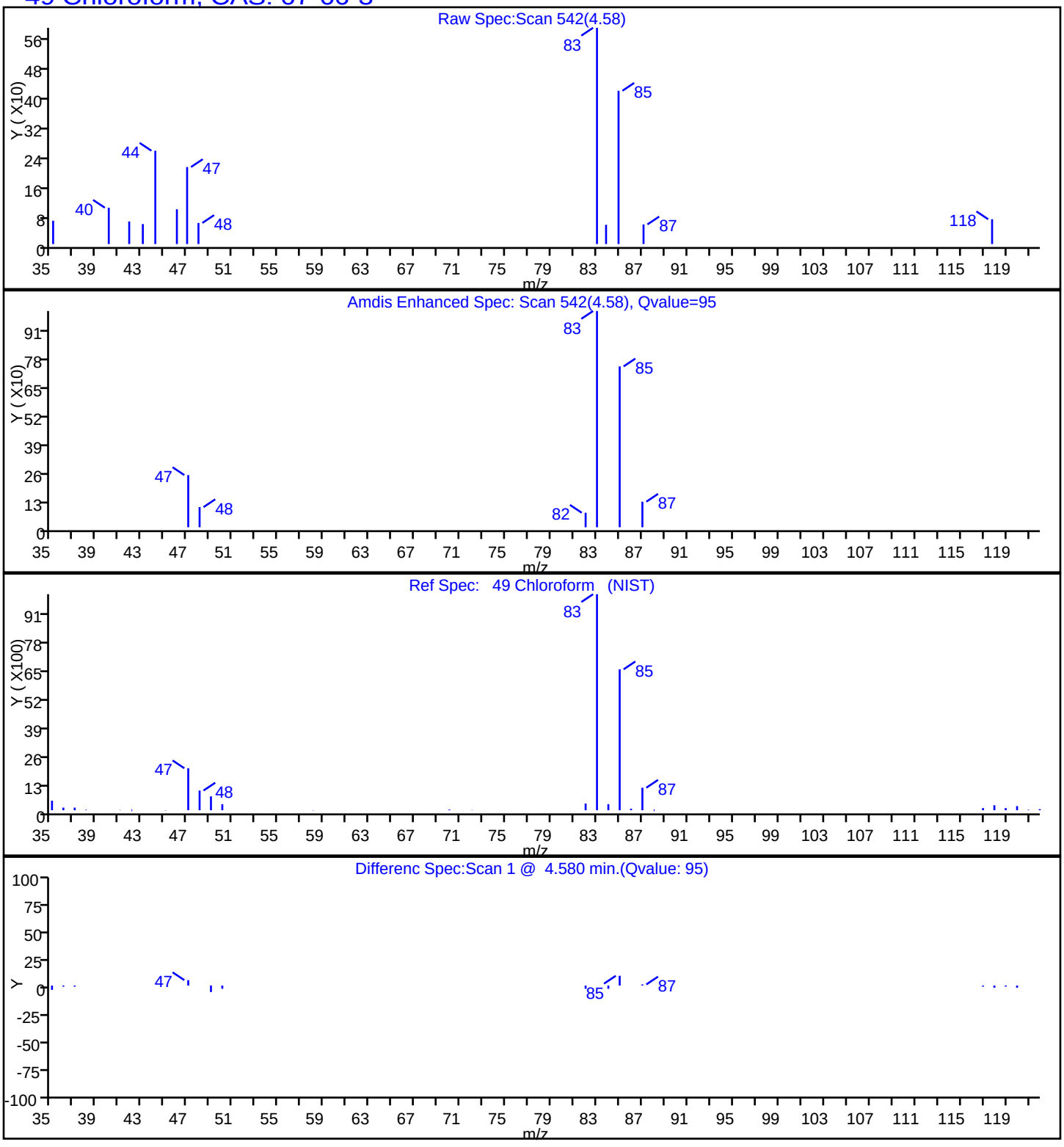
90 Chlorodibromomethane, CAS: 124-48-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46235.D				
Injection Date:	24-Sep-2017 14:16:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-7	Lab Sample ID:	460-141360-7		
Client ID:	MW-3				
Operator ID:	VOA GC/MS1	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

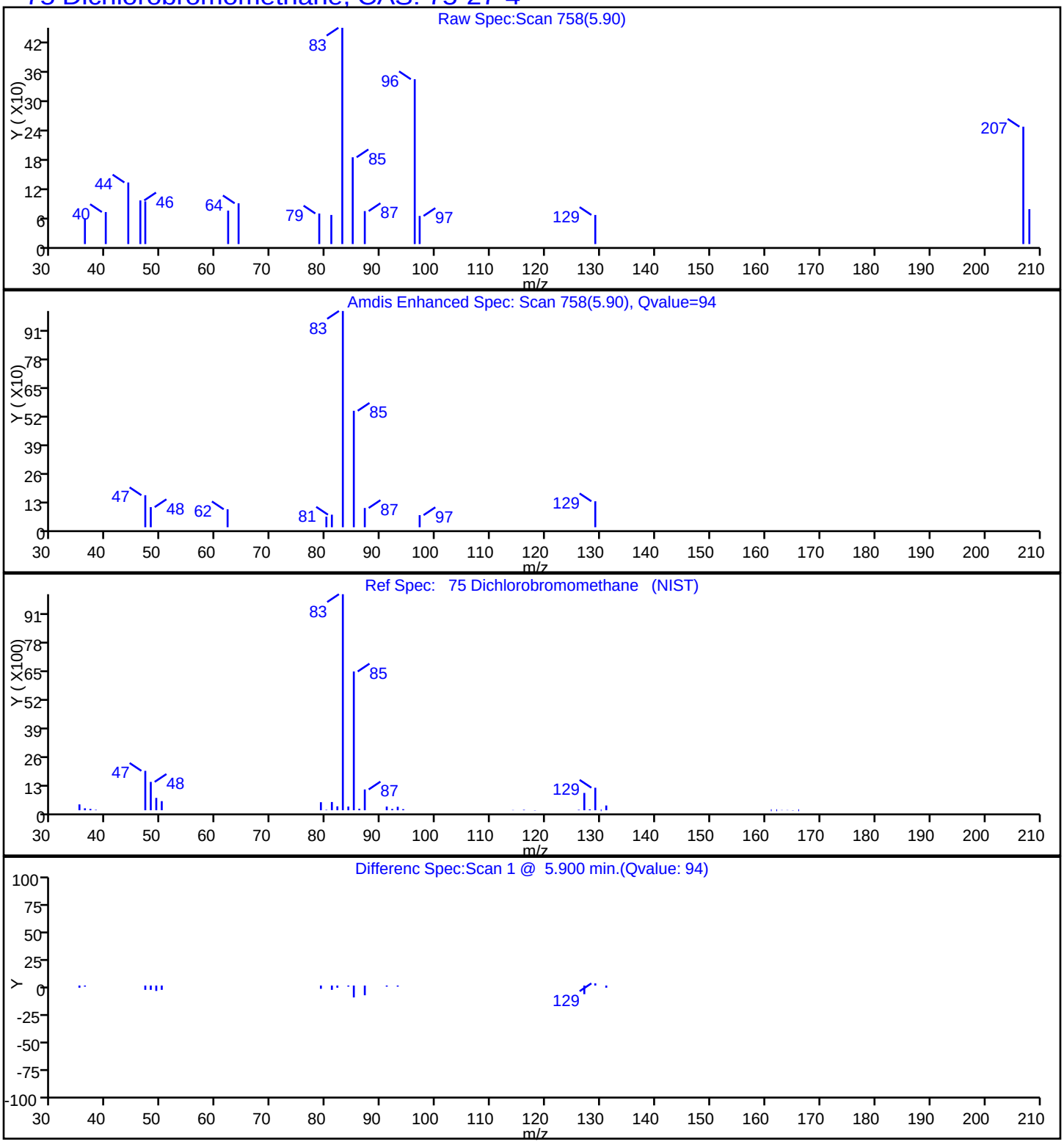
49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46235.D				
Injection Date:	24-Sep-2017 14:16:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-7	Lab Sample ID:	460-141360-7		
Client ID:	MW-3				
Operator ID:	VOA GC/MS1	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

75 Dichlorobromomethane, CAS: 75-27-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 460-141360-8

Matrix: Water | Lab File ID: A46236.D

Analysis Method: 8260C | Date Collected: 09/15/2017 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.20	J	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.23	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.29	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.24	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 460-141360-8

Matrix: Water | Lab File ID: A46236.D

Analysis Method: 8260C | Date Collected: 09/15/2017 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	4.9		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D
Lims ID: 460-141360-C-8
Client ID: MW-4
Sample Type: Client
Inject. Date: 24-Sep-2017 14:39:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-8
Misc. Info.: 460-0060822-025
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:05:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.360	3.354	0.006	96	163325	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	178817	250.0	
49 Chloroform	83	4.585	4.585	0.000	92	1327	0.2858	
$ 52 Dibromofluoromethane (Surr	113	4.707	4.713	-0.006	98	133460	56.1	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	126160	48.4	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	448737	50.0	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	85	20860	1000.0	
75 Dichlorobromomethane	83	5.896	5.896	0.000	90	812	0.2396	
$ 81 Toluene-d8 (Surr)	98	6.524	6.524	0.000	99	460200	52.4	
86 Tetrachloroethene	166	7.024	7.024	0.000	96	13245	4.87	
90 Chlorodibromomethane	129	7.280	7.280	0.000	94	591	0.2328	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	321032	50.0	
101 Bromoform	173	8.255	8.243	0.012	93	369	0.1953	
$ 103 4-Bromofluorobenzene	174	8.444	8.432	0.012	96	169146	54.5	
* 119 1,4-Dichlorobenzene-d4	152	9.121	9.078	0.043	93	208684	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

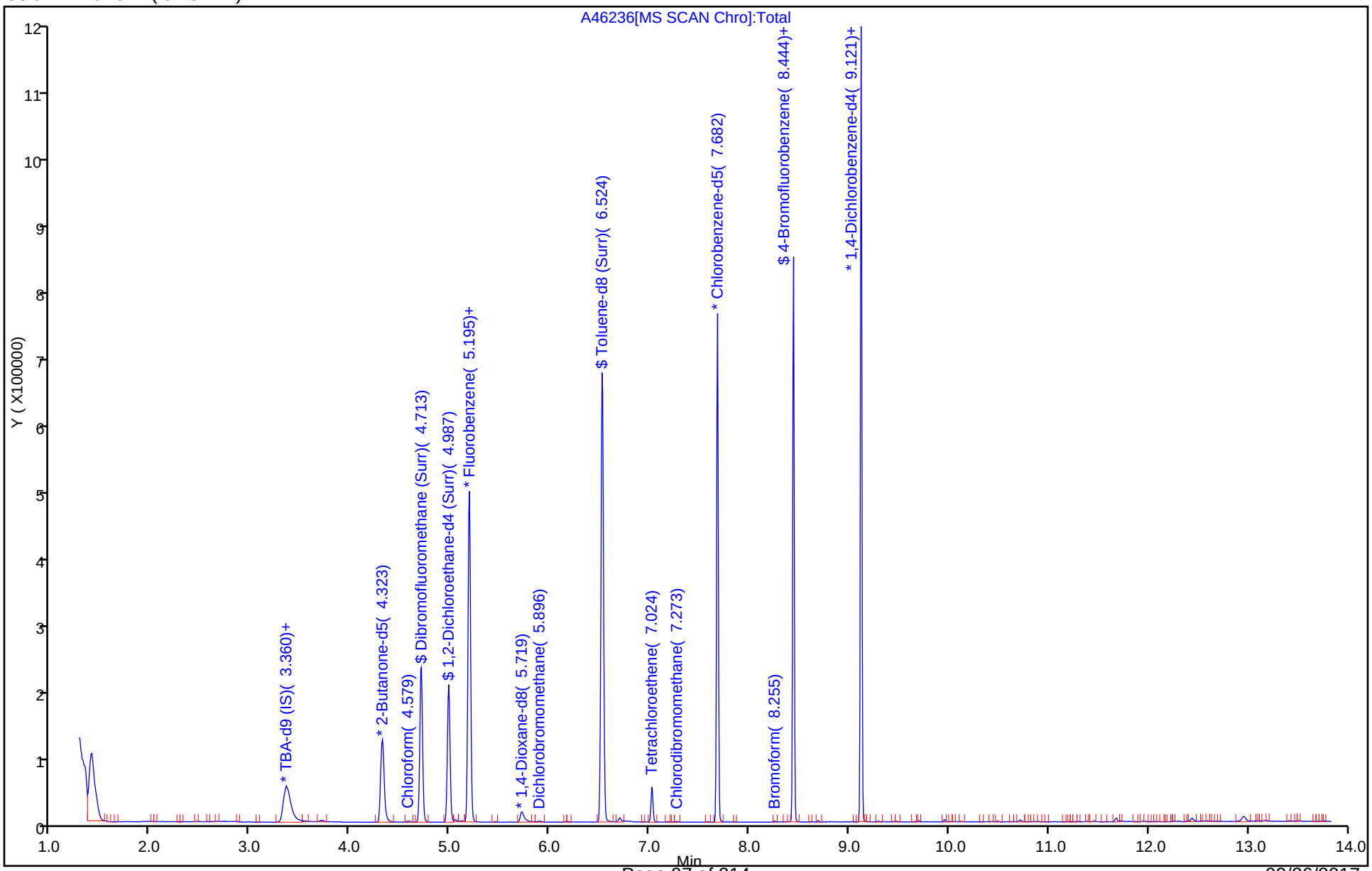
Report Date: 25-Sep-2017 08:12:56 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D

Injection Date:	24-Sep-2017 14:39:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-8	Lab Sample ID:	460-141360-8	Worklist Smp#:	25
Client ID:	MW-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

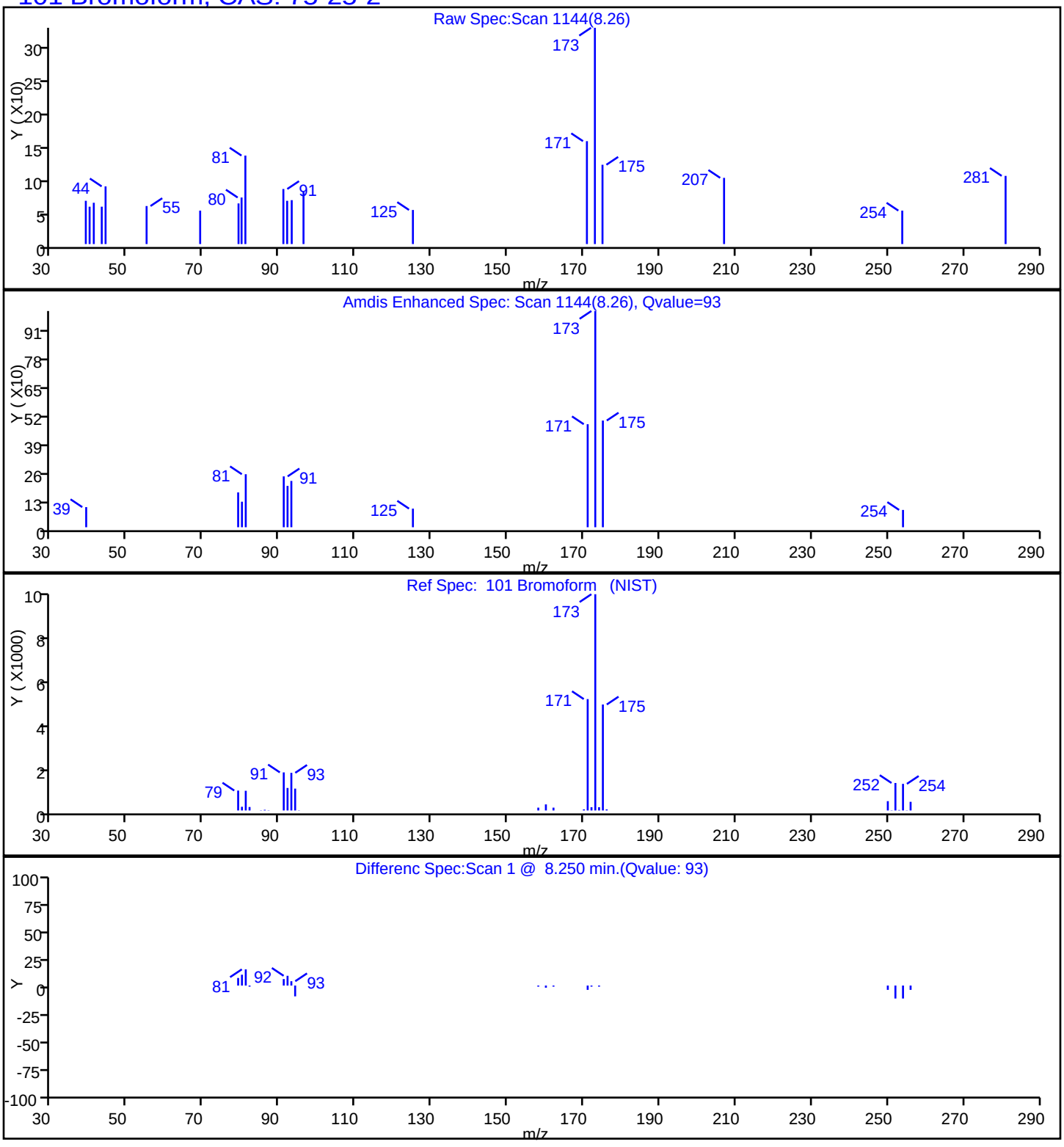
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D				
Injection Date:	24-Sep-2017 14:39:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-8	Lab Sample ID:	460-141360-8		
Client ID:	MW-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

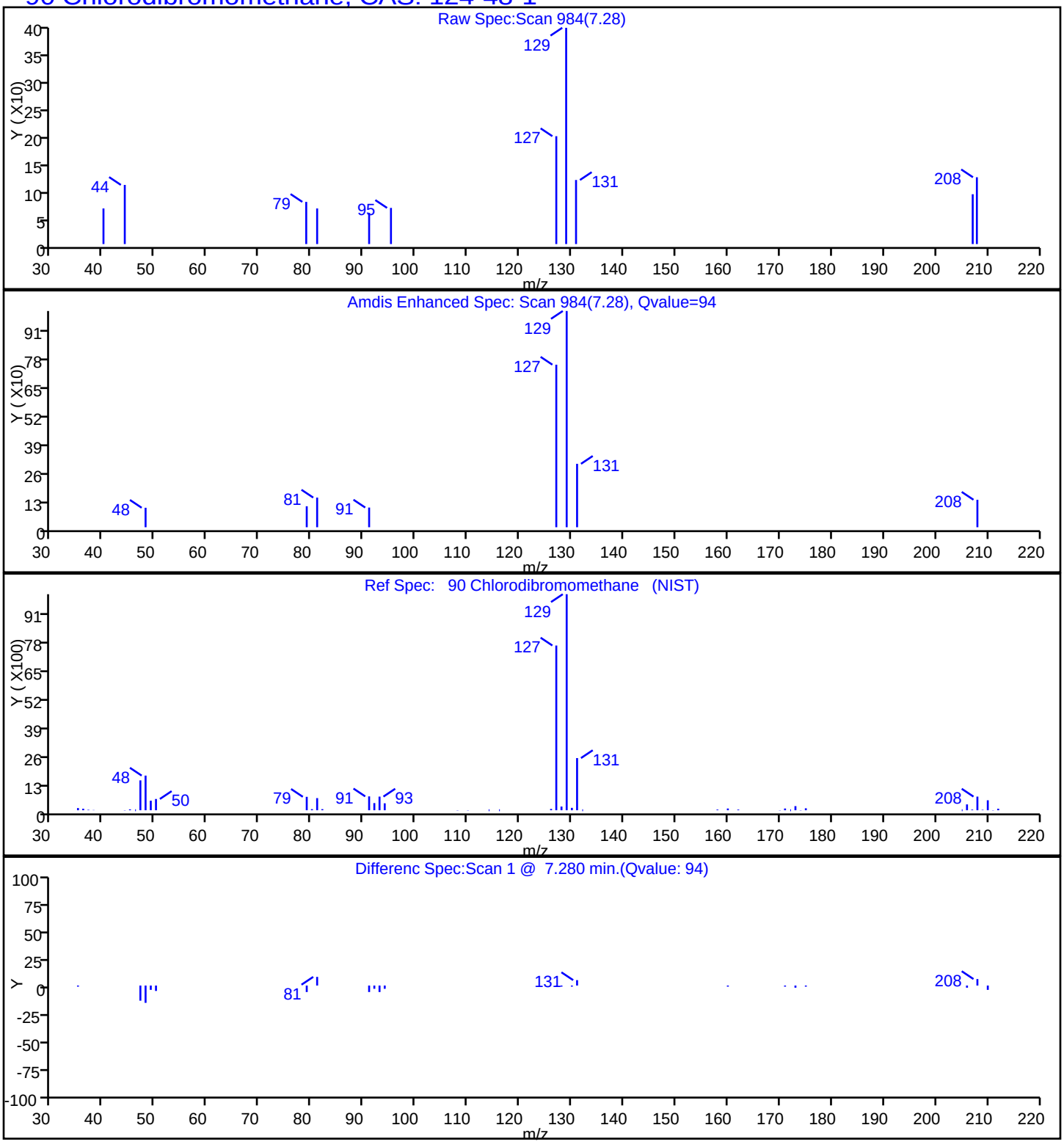
101 Bromoform, CAS: 75-25-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D				
Injection Date:	24-Sep-2017 14:39:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-8	Lab Sample ID:	460-141360-8		
Client ID:	MW-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

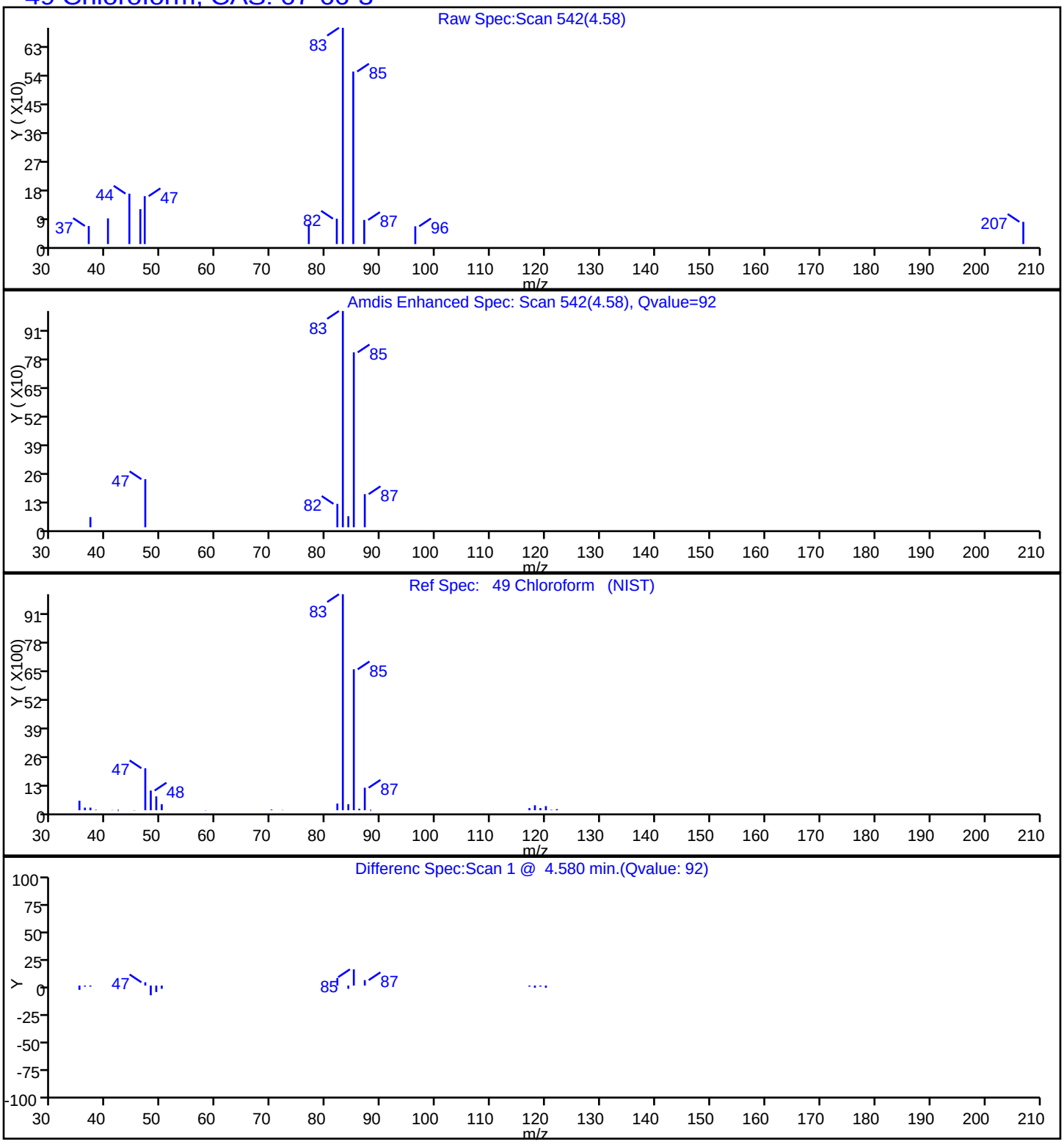
90 Chlorodibromomethane, CAS: 124-48-1



Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D

Injection Date:	24-Sep-2017 14:39:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-8	Lab Sample ID:	460-141360-8		
Client ID:	MW-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

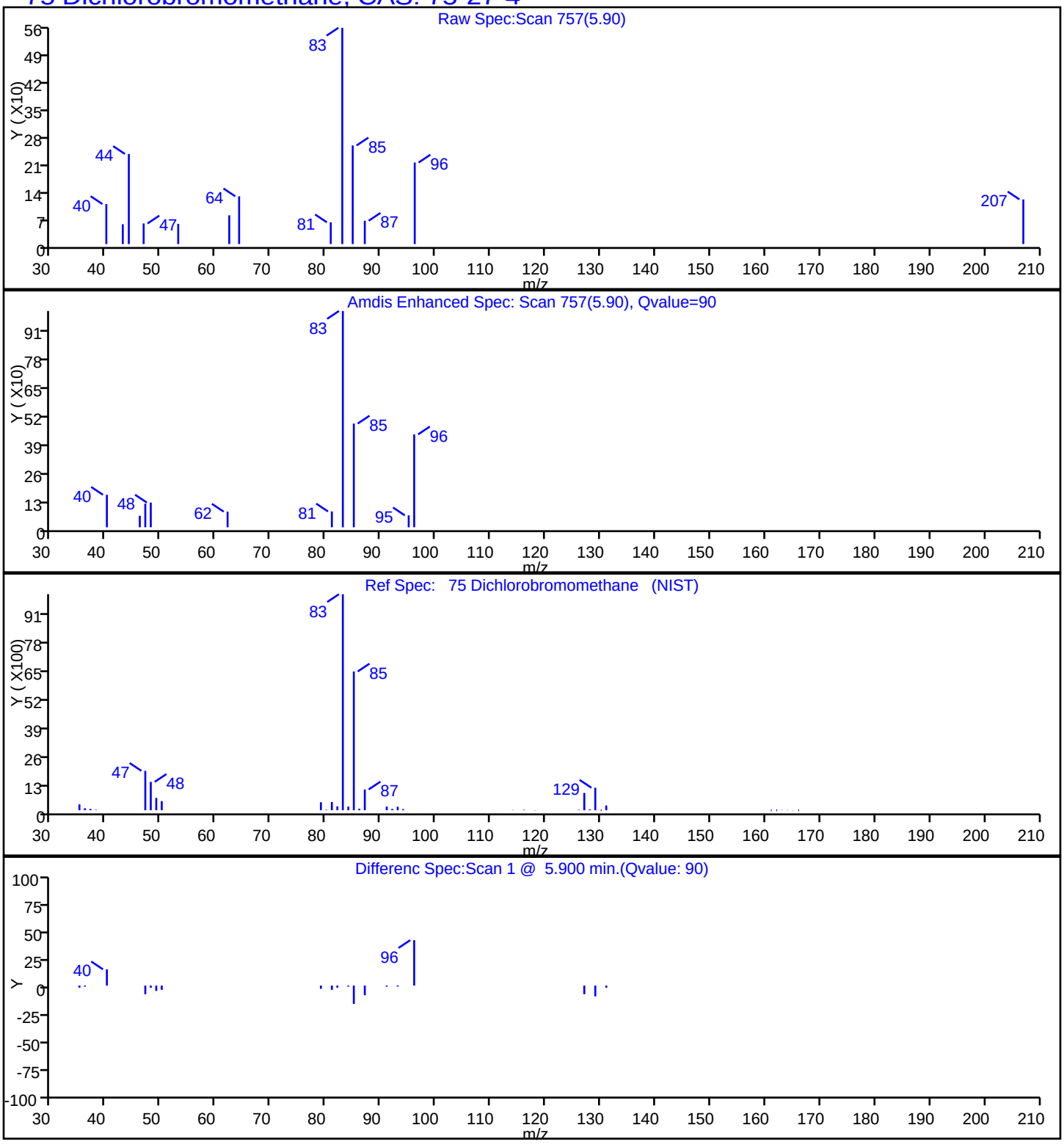
49 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D				
Injection Date:	24-Sep-2017 14:39:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-C-8	Lab Sample ID:	460-141360-8		
Client ID:	MW-4				
Operator ID:	VOA GC/MS1	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

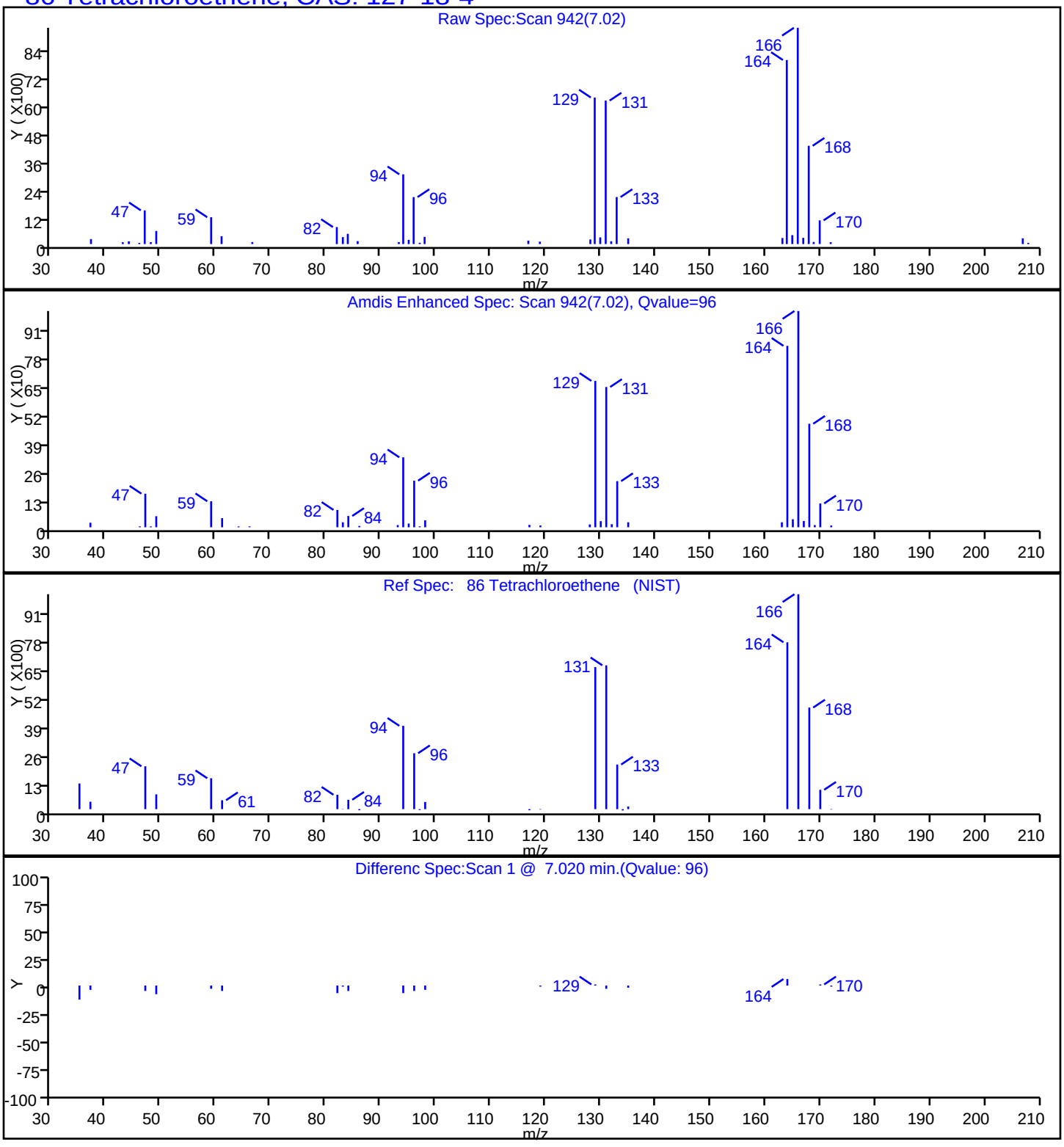
75 Dichlorobromomethane, CAS: 75-27-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46236.D		
Injection Date:	24-Sep-2017 14:39:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-C-8	Lab Sample ID:	460-141360-8
Client ID:	MW-4		
Operator ID:	VOA GC/MS1	ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 460-141360-9

Matrix: Water | Lab File ID: A46231.D

Analysis Method: 8260C | Date Collected: 09/15/2017 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 12:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.9		1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U *	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	22		5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U *	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 460-141360-9

Matrix: Water | Lab File ID: A46231.D

Analysis Method: 8260C | Date Collected: 09/15/2017 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 12:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	108		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46231.D
Lims ID: 460-141360-B-9
Client ID: TRIP BLANK
Sample Type: Client
Inject. Date: 24-Sep-2017 12:44:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-B-9
Misc. Info.: 460-0060822-020
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:03:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
19 Acetone	58	3.000	2.988	0.012	90	4889	21.8	
* 28 TBA-d9 (IS)	65	3.372	3.354	0.018	96	168616	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	202903	250.0	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	142582	54.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	137665	47.8	
* 64 Fluorobenzene	96	5.194	5.195	-0.001	99	496051	50.0	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	84	22808	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	512337	52.2	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	358673	50.0	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	95	182573	52.7	
* 119 1,4-Dichlorobenzene-d4	152	9.102	9.078	0.024	93	217717	50.0	
120 1,4-Dichlorobenzene	146	9.121	9.090	0.031	95	14784	1.95	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

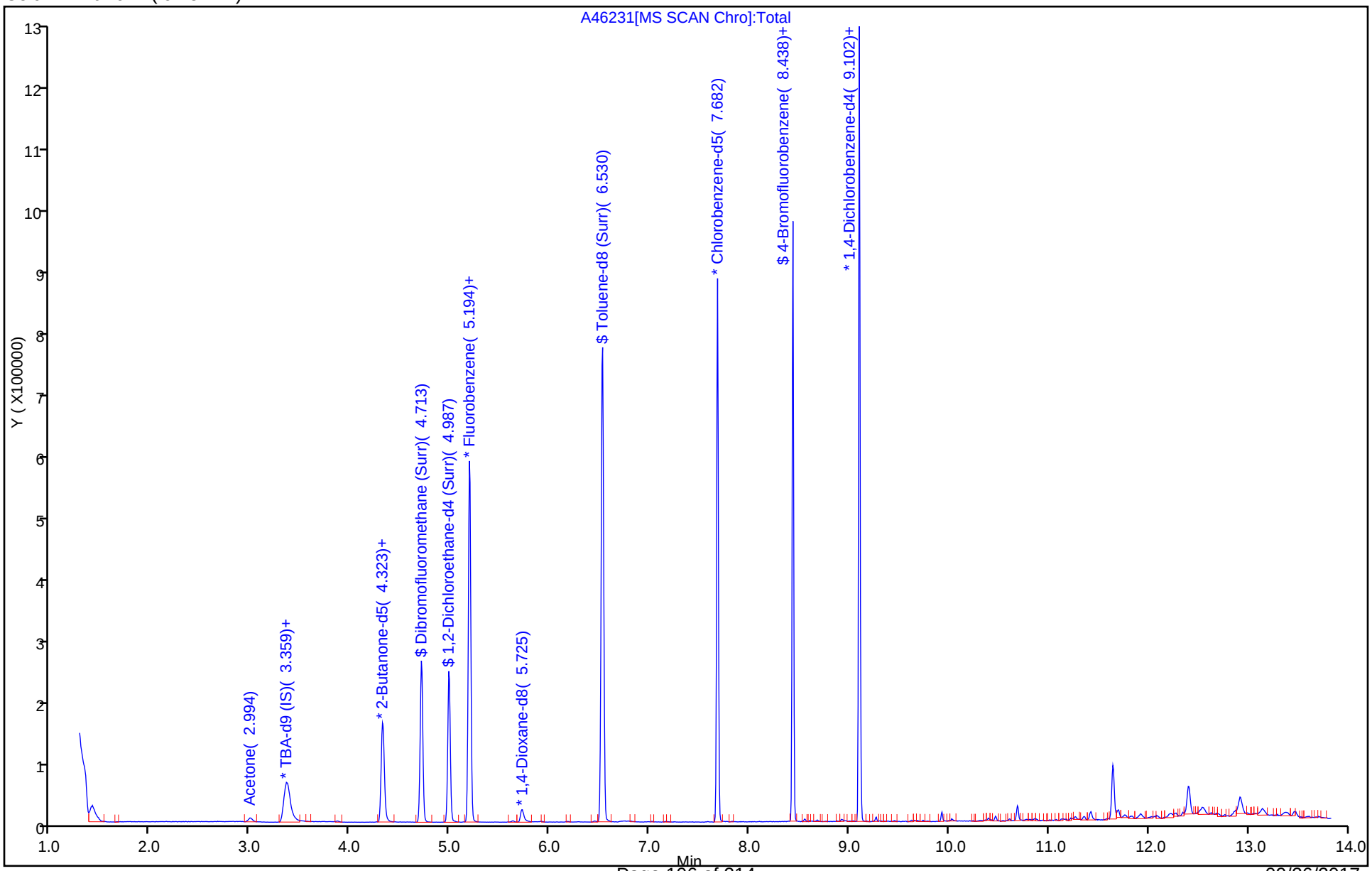
Report Date: 25-Sep-2017 08:12:50 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46231.D

Injection Date:	24-Sep-2017 12:44:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-B-9	Lab Sample ID:	460-141360-9	Worklist Smp#:	20
Client ID:	TRIP BLANK				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

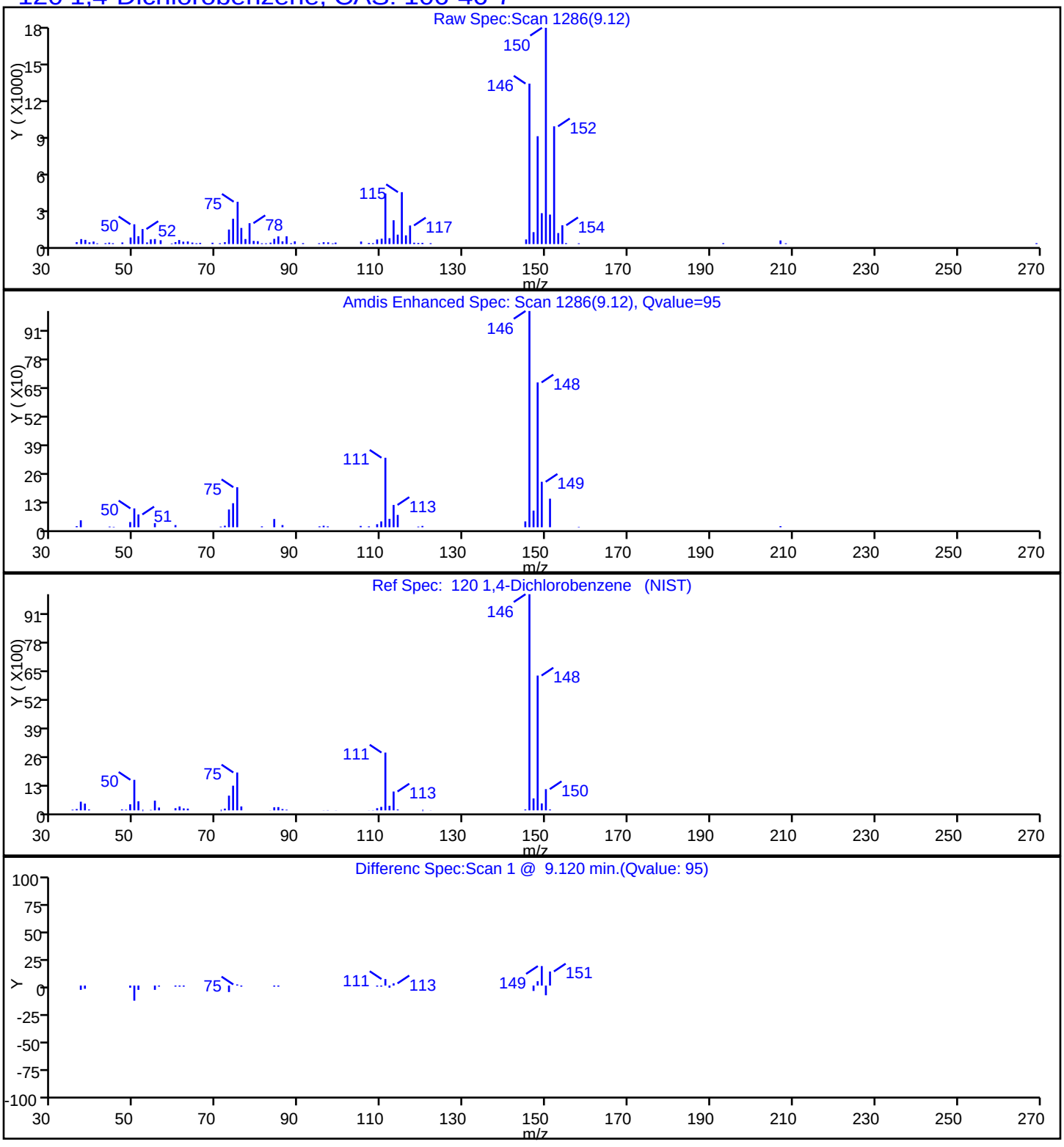
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46231.D				
Injection Date:	24-Sep-2017 12:44:30	Instrument ID:	CVOAMS1		
Lims ID:	460-141360-B-9	Lab Sample ID:	460-141360-9		
Client ID:	TRIP BLANK				
Operator ID:	VOA GC/MS1	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

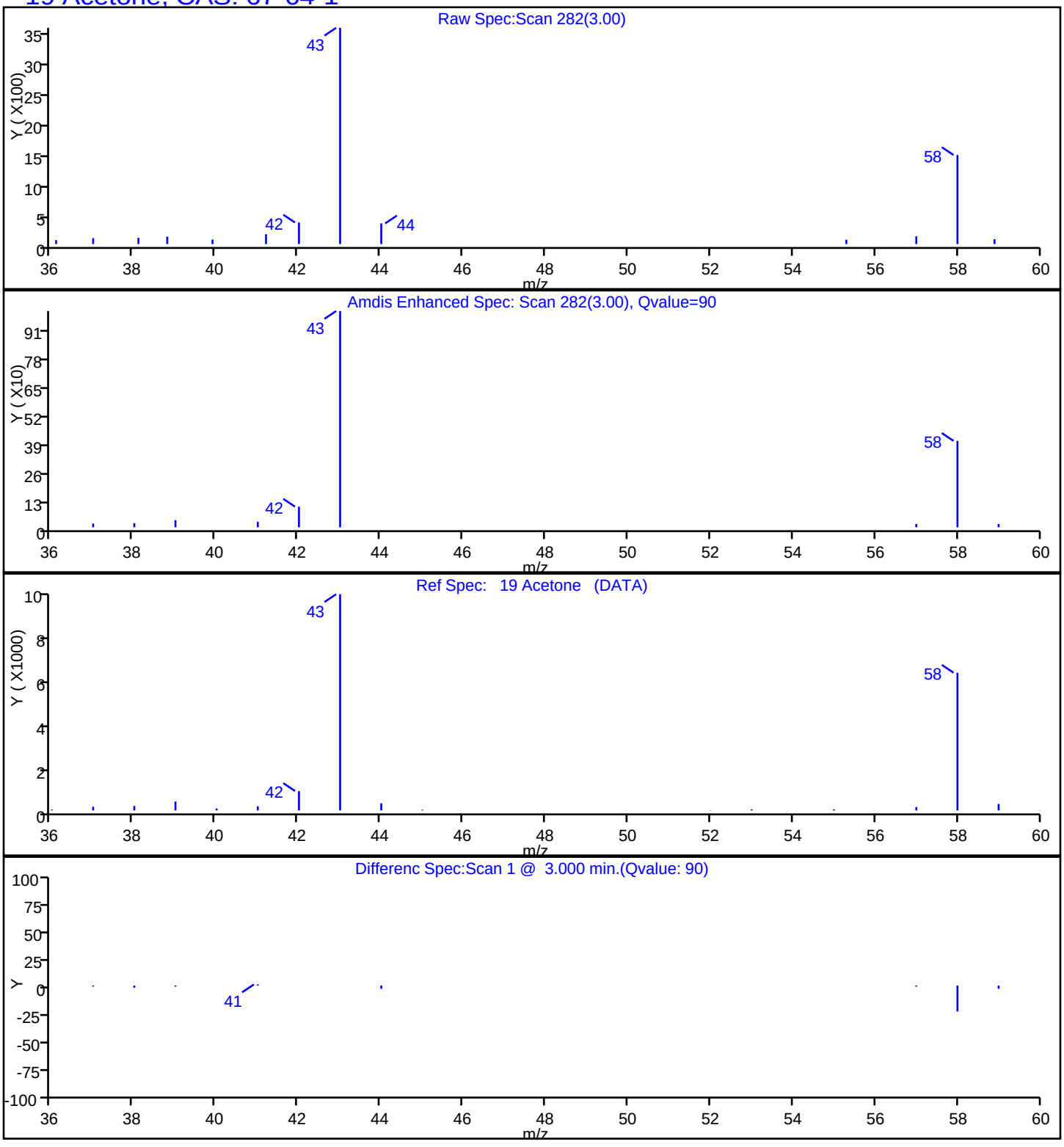
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46231.D		
Injection Date:	24-Sep-2017 12:44:30	Instrument ID:	CVOAMS1
Lims ID:	460-141360-B-9	Lab Sample ID:	460-141360-9
Client ID:	TRIP BLANK		
Operator ID:	VOA GC/MS1	ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

19 Acetone, CAS: 67-64-1



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-454423/2	A43574.D
Level 2	STD1 460-454423/4	A43576.D
Level 3	STD5 460-454423/5	A43577.D
Level 4	STD20 460-454423/6	A43578.D
Level 5	STD50 460-454423/7	A43579.D
Level 6	STD200 460-454423/8	A43580.D
Level 7	STD500 460-454423/9	A43581.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								
Chlorotrifluoroethene	+++++ 0.0546	0.0425 0.0565	0.0382	0.0369	0.0505	Ave		0.0465				18.2		20.0			
Dichlorodifluoromethane	+++++ 0.3356	0.3584 0.3495	0.2138	0.2533	0.2961	Ave		0.3011			0.1000	19.2		20.0			
Chloromethane	+++++ 0.3143	0.3533 0.3160	0.2688	0.2997	0.2801	Ave		0.3054			0.1000	9.8		20.0			
Butadiene	+++++ 0.2991	0.3589 0.3011	0.2391	0.2726	0.2645	Ave		0.2892				14.2		20.0			
Vinyl chloride	+++++ 0.3125	0.3432 0.3181	0.2674	0.2991	0.2816	Ave		0.3037			0.1000	8.9		20.0			
Bromomethane	+++++ 0.1862	0.2312 0.1801	0.1668	0.1857	0.1709	Ave		0.1868			0.1000	12.4		20.0			
Chloroethane	+++++ 0.1677	0.2024 0.1633	0.1442	0.1670	0.1525	Ave		0.1662			0.1000	12.0		20.0			
Dichlorofluoromethane	+++++ 0.4009	0.4518 0.3917	0.3642	0.3989	0.3686	Ave		0.3960				7.9		20.0			
Trichlorofluoromethane	+++++ 0.3415	0.3630 0.3417	0.2771	0.3187	0.3062	Ave		0.3247			0.1000	9.4		20.0			
Pentane	+++++ 0.0438	0.0466 0.0439	0.0535	0.0409	0.0442	Ave		0.0455				9.5		20.0			
Ethanol	+++++ 0.0431	0.0917 0.0423	0.0809	0.0619	0.0458	QuaF		0.0445	0						0.9990		0.9900
Ethyl ether	+++++ 0.2106	0.2688 0.2093	0.2576	0.2134	0.2159	Ave		0.2293				11.6		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2217	0.2376 0.2216	0.2509	0.2208	0.2216	Ave		0.2290				5.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1930	0.2637 0.1889	0.2247	0.1914	0.1921	Ave		0.2090				14.3		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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	+++++ 0.7321	0.9427 0.6826	1.0202	1.1726	0.7389	QuaF		0.8141	-0.000334						0.9950		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2445	0.1913 0.2452	0.2555	0.2298	0.2427	Ave		0.2348			0.1000	9.7		20.0			
1,1-Dichloroethene	+++++ 0.2404	0.2483 0.2364	0.2720	0.2483	0.2386	Ave		0.2473			0.1000	5.3		20.0			
Acetone	+++++ 0.2322	0.3371 +++++	0.3244	0.2251	0.2648	Ave		0.2767			0.0500	18.7		20.0			
Iodomethane	+++++ 0.4535	0.4760 0.4323	0.5412	0.4521	0.4630	Ave		0.4697				8.1		20.0			
Carbon disulfide	+++++ 0.9381	1.0672 0.9068	1.0313	0.9090	0.9281	Ave		0.9634			0.1000	7.1		20.0			
Isopropyl alcohol	+++++ 0.6655	0.8275 0.6654	0.8322	0.6727	0.6704	Ave		0.7223				11.5		20.0			
Allyl chloride	+++++ 0.1807	0.1973 0.1803	0.2166	0.1881	0.1847	Ave		0.1913				7.3		20.0			
Methyl acetate	+++++ 0.2025	0.2069 0.1961	0.2287	0.2052	0.2046	Ave		0.2073			0.1000	5.4		20.0			
Cyclopentene	+++++ 0.6981	0.7204 0.6853	0.7894	0.7221	0.6921	Ave		0.7179				5.3		20.0			
Acetonitrile	+++++ 1.8541	1.4052 1.7987	1.4434	1.7787	1.6399	Ave		1.6533				11.6		20.0			
Methylene Chloride	+++++ 0.2973	0.3199 0.2900	0.3745	0.3126	0.3081	Ave		0.3171			0.1000	9.5		20.0			
2-Methyl-2-propanol	+++++ 1.3008	1.6047 1.2805	1.4265	1.2818	1.2368	Ave		1.3552				10.2		20.0			
Methyl tert-butyl ether	+++++ 0.7471	0.8374 0.7407	0.8897	0.7765	0.7577	Ave		0.7915			0.1000	7.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.2930	0.3162 0.2901	0.3661	0.3045	0.2984	Ave		0.3114			0.1000	9.1		20.0			
Acrylonitrile	0.1859 0.1113	0.1146 0.1096	0.1264	0.1175	0.1148	Lin2	0.1416	0.1130							0.9960		0.9900
Hexane	+++++ 0.2581	0.2116 0.2539	0.2782	0.2554	0.2587	Ave		0.2527				8.7		20.0			
Isopropyl ether	+++++ 0.8773	1.0737 0.8586	1.1044	0.9570	0.9138	Ave		0.9641				10.7		20.0			
1,1-Dichloroethane	+++++ 0.5104	0.5473 0.4981	0.6328	0.5325	0.5213	Ave		0.5404			0.2000	8.9		20.0			
Vinyl acetate	+++++ 0.0630	0.0650 0.0646	0.0645	0.0586	0.0602	Ave		0.0627				4.2		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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-Chloro-1,3-butadiene	+++++ 0.2593	0.3083 0.2619	0.3129	0.2744	0.2621	Ave		0.2798				8.7		20.0			
Tert-butyl ethyl ether	+++++ 0.8189	0.9647 0.8186	1.0333	0.8867	0.8467	Ave		0.8948				9.7		20.0			
2,2-Dichloropropane	+++++ 0.0972	0.1449 +++++	0.1244	0.1012	0.0986	Ave		0.1133				18.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.3368	0.3623 0.3334	0.4199	0.3522	0.3401	Ave		0.3574			0.1000	9.1		20.0			
2-Butanone (MEK)	+++++ 0.2993	0.3604 0.2819	0.3437	0.2918	0.2980	Ave		0.3125			0.0500	10.1		20.0			
Ethyl acetate	+++++ 0.2657	0.4820 0.2613	0.3331	0.2492	0.2674	Qua2	0.4466	0.2627	-0.000002						0.9960		0.9900
Methyl acrylate	+++++ 0.2425	0.2857 0.2605	0.2794	0.2356	0.2399	Ave		0.2573				8.3		20.0			
Propionitrile	+++++ 0.0393	0.0443 0.0415	0.0479	0.0404	0.0411	Ave		0.0424				7.4		20.0			
Chlorobromomethane	+++++ 0.1541	0.1751 0.1493	0.1883	0.1629	0.1555	Ave		0.1642				9.0		20.0			
Tetrahydrofuran	+++++ 0.3363	0.3899 0.3062	0.4098	0.3634	0.3331	Ave		0.3564				10.9		20.0			
Methacrylonitrile	+++++ 0.1152	0.1257 0.1145	0.1330	0.1153	0.1166	Ave		0.1200				6.3		20.0			
Chloroform	+++++ 0.4924	0.5299 0.4552	0.6171	0.5141	0.4950	Ave		0.5173			0.2000	10.6		20.0			
Cyclohexane	+++++ 0.5265	0.4833 0.4984	0.5662	0.5346	0.5290	Ave		0.5230			0.1000	5.6		20.0			
1,1,1-Trichloroethane	+++++ 0.3945	0.4265 0.3726	0.4593	0.3986	0.3914	Ave		0.4072			0.1000	7.6		20.0			
Carbon tetrachloride	+++++ 0.3464	0.3574 0.3411	0.3882	0.3396	0.3348	Ave		0.3513			0.1000	5.6		20.0			
1,1-Dichloropropene	+++++ 0.3910	0.4164 0.3859	0.4504	0.3883	0.3796	Ave		0.4019				6.7		20.0			
Isobutyl alcohol	+++++ 0.8364	0.8295 0.7770	0.9044	0.7447	0.8040	Ave		0.8160				6.7		20.0			
2,2,4-Trimethylpentane	+++++ 0.8360	0.8413 0.7891	0.9643	0.8837	0.8291	Ave		0.8572				7.1		20.0			
Benzene	+++++ 1.6337	1.7121 1.4598	1.9402	1.6742	1.6263	Ave		1.6744			0.5000	9.3		20.0			
Isopropyl acetate	+++++ 0.8168	0.9221 0.7755	1.0148	0.8819	0.8728	Ave		0.8807				9.5		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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								
Tert-amyl methyl ether	+++++ 0.9503	1.1143 0.8722	1.2175	1.0431	1.0087	Ave		1.0344				11.8		20.0			
1,2-Dichloroethane	+++++ 0.3407	0.3824 0.3222	0.4087	0.3499	0.3413	Ave		0.3575			0.1000	8.9		20.0			
n-Heptane	+++++ 0.2423	0.2592 0.2265	0.3272	0.2495	0.2622	Ave		0.2612				13.3		20.0			
n-Butanol	+++++ 0.3435	0.3770 0.3685	0.3582	0.3176	0.3334	Ave		0.3497				6.4		20.0			
Trichloroethene	+++++ 0.2938	0.3183 0.2986	0.3498	0.2800	0.2840	Ave		0.3041			0.2000	8.6		20.0			
Ethyl acrylate	+++++ 0.1851	0.1626 0.1847	0.1972	0.1876	0.1841	Ave		0.1835				6.2		20.0			
Methylcyclohexane	+++++ 0.4995	0.4729 0.4886	0.5498	0.5142	0.5037	Ave		0.5048			0.1000	5.2		20.0			
1,2-Dichloropropane	+++++ 0.2949	0.3192 0.2894	0.3810	0.2957	0.2896	Ave		0.3116			0.1000	11.5		20.0			
Methyl methacrylate	+++++ 0.0738	0.0798 0.0791	0.0869	0.0694	0.0716	Ave		0.0768				8.4		20.0			
1,4-Dioxane	+++++ 0.9311	1.3675 +++++	1.2545	1.2426	1.1622	Ave		1.1916				13.7		20.0			
n-Propyl acetate	+++++ 0.3639	0.4411 0.3877	0.4175	0.3581	0.3702	Ave		0.3897				8.5		20.0			
Dibromomethane	+++++ 0.1795	0.1993 0.1775	0.2160	0.1766	0.1766	Ave		0.1876				8.8		20.0			
Dichlorobromomethane	+++++ 0.3714	0.3991 0.3736	0.4224	0.3482	0.3511	Ave		0.3776			0.2000	7.6		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1691	0.1657 0.1901	0.1890	0.1589	0.1671	Ave		0.1733				7.5		20.0			
2-Nitropropane	+++++ 0.0632	0.0836 0.0685	0.0805	0.0630	0.0628	Ave		0.0703				13.4		20.0			
Epichlorohydrin	0.2643 0.2454	0.2391 0.2419	0.2982	0.2582	0.2460	Ave		0.2562				8.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.6611	0.6090 0.6609	0.7697	0.6192	0.6387	Ave		0.6598			0.2000	8.8		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.6153	2.6937 2.3829	2.9660	2.6769	2.6200	Ave		2.6591			0.0500	7.0		20.0			
Toluene	+++++ 1.7179	1.8525 1.6629	2.0129	1.6952	1.6687	Ave		1.7683			0.4000	7.8		20.0			
trans-1,3-Dichloropropene	+++++ 0.5636	0.5224 0.5824	0.6521	0.5289	0.5527	Ave		0.5670			0.1000	8.3		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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								
Ethyl methacrylate	+++++ 0.3661	0.3653 0.3921	0.4263	0.3674	0.3658	Ave		0.3805				6.5		20.0			
1,1,2-Trichloroethane	+++++ 0.3020	0.3370 0.3011	0.3701	0.3093	0.2998	Ave		0.3199			0.1000	8.8		20.0			
Tetrachloroethene	+++++ 0.4215	0.4280 0.4039	0.4651	0.4120	0.4092	Ave		0.4233			0.2000	5.3		20.0			
1,3-Dichloropropane	+++++ 0.5801	0.5807 0.5906	0.6485	0.5628	0.5723	Ave		0.5892				5.2		20.0			
2-Hexanone	+++++ 1.6140	1.8449 1.5320	1.9613	1.6742	1.6689	Ave		1.7159			0.0500	9.2		20.0			
n-Butyl acetate	+++++ 0.1011	0.1303 0.1036	0.1303	0.1118	0.1043	Ave		0.1136				11.8		20.0			
Chlorodibromomethane	+++++ 0.4037	0.3688 0.3910	0.4456	0.3769	0.3868	Ave		0.3955			0.1000	6.9		20.0			
Ethylene Dibromide	+++++ 0.3543	0.3487 0.3574	0.4071	0.3433	0.3514	Ave		0.3604			0.1000	6.5		20.0			
Chlorobenzene	+++++ 1.0954	1.0763 1.0747	1.2976	1.0632	1.0742	Ave		1.1136			0.5000	8.1		20.0			
Ethylbenzene	+++++ 0.5995	0.6291 0.5534	0.7102	0.6048	0.5932	Ave		0.6150			0.1000	8.6		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4122	0.3690 0.3642	0.4649	0.4099	0.4031	Ave		0.4039				9.0		20.0			
m-Xylene & p-Xylene	+++++ 0.7617	0.7686 0.6772	0.8967	0.7669	0.7549	Ave		0.7710			0.1000	9.2		20.0			
n-Butyl acrylate	+++++ 0.3339	0.4005 0.3312	0.4136	0.3550	0.3483	Ave		0.3638				9.6		20.0			
o-Xylene	+++++ 0.7625	0.7887 0.6667	0.9167	0.7935	0.7635	Ave		0.7819			0.3000	10.3		20.0			
Styrene	+++++ 1.3158	1.3488 1.1574	1.6032	1.3627	1.3201	Ave		1.3513			0.3000	10.6		20.0			
Amyl acetate (mixed isomers)	+++++ 1.3933	1.4235 1.7167	1.5913	1.3338	1.3354	Ave		1.4657				10.6		20.0			
Bromoform	+++++ 0.3012	0.2880 0.2731	0.3163	0.2911	0.2957	Ave		0.2942			0.1000	4.9		20.0			
Isopropylbenzene	+++++ 2.0431	2.0280 1.7549	2.3229	2.1094	2.0571	Ave		2.0526			0.1000	8.9		20.0			
Bromobenzene	+++++ 0.8693	0.8199 1.0547	0.9761	0.7903	0.7963	Ave		0.8845				12.2		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.9352	0.8934 1.0978	1.0117	0.8730	0.8988	Ave		0.9517			0.3000	9.1		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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-Propylbenzene	+++++ 4.2108	3.8726 4.8059	4.5943	3.8180	3.8838	Ave		4.1976				10.0		20.0			
1,2,3-Trichloropropane	+++++ 0.2496	0.2597 0.2763	0.2943	0.2341	0.2383	Ave		0.2587				8.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2473	0.2856 0.2863	0.2715	0.2223	0.2345	Ave		0.2579				10.5		20.0			
4-Ethyltoluene	+++++ 3.4562	3.3786 3.6744	4.0062	3.2479	3.2211	Ave		3.4974				8.5		20.0			
2-Chlorotoluene	+++++ 2.8338	2.6776 2.9616	3.2188	2.6940	2.7147	Ave		2.8501				7.4		20.0			
1,3,5-Trimethylbenzene	+++++ 2.9166	2.7484 2.9701	3.2108	2.7578	2.7792	Ave		2.8971				6.2		20.0			
4-Chlorotoluene	+++++ 2.5086	2.3433 2.4239	2.9094	2.3483	2.3998	Ave		2.4889				8.6		20.0			
Butyl Methacrylate	+++++ 1.1242	1.1304 1.0670	1.2469	1.0784	1.1045	Ave		1.1252				5.7		20.0			
tert-Butylbenzene	+++++ 2.4521	2.0780 2.6121	2.5703	2.1587	2.2501	Ave		2.3535				9.5		20.0			
1,2,4-Trimethylbenzene	+++++ 3.0540	2.8544 3.0049	3.3942	2.9142	2.9275	Ave		3.0249				6.4		20.0			
sec-Butylbenzene	+++++ 3.5988	3.3818 3.6042	3.8438	3.3158	3.3957	Ave		3.5234				5.6		20.0			
4-Isopropyltoluene	+++++ 3.0904	3.0089 3.1325	3.4438	2.8989	2.9775	Ave		3.0920				6.2		20.0			
1,3-Dichlorobenzene	+++++ 1.7199	1.6979 1.6033	2.0158	1.6871	1.6787	Ave		1.7338			0.6000	8.3		20.0			
1,4-Dichlorobenzene	+++++ 1.7224	1.6885 1.5613	2.0667	1.6928	1.7222	Ave		1.7423			0.5000	9.7		20.0			
1,2,3-Trimethylbenzene	+++++ 2.9893	3.0404 2.6679	3.6093	3.0530	3.0050	Ave		3.0608				10.0		20.0			
Benzyl chloride	+++++ 1.9149	1.9081 1.9031	2.1186	1.8744	1.9124	Ave		1.9386				4.6		20.0			
Indan	+++++ 3.2306	3.3695 2.9626	3.9352	3.3494	3.2773	Ave		3.3541				9.5		20.0			
p-Diethylbenzene	+++++ 1.8508	1.9549 1.6093	2.2757	1.9445	1.9028	Ave		1.9230				11.2		20.0			
n-Butylbenzene	+++++ 1.5451	1.6821 1.2745	1.8198	1.5668	1.5746	Ave		1.5771				11.4		20.0			
1,2-Dichlorobenzene	+++++ 1.6323	1.6014 1.4102	1.9315	1.6516	1.6525	Ave		1.6466			0.4000	10.1		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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								
1,2,4,5-Tetramethylbenzene	+++++ 2.9911	3.0233 3.1123	3.4530	2.9273	2.8726	Ave		3.0633				6.8		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1714	0.1878 0.1937	0.1748	0.1600	0.1621	Ave		0.1750			0.0500	7.8		20.0			
1,3,5-Trichlorobenzene	+++++ 1.2258	1.2108 1.2600	1.3922	1.1990	1.1819	Ave		1.2450				6.2		20.0			
1,2,4-Trichlorobenzene	+++++ 1.1712	1.0567 1.2788	1.2043	1.0584	1.0775	Ave		1.1411			0.2000	8.0		20.0			
Hexachlorobutadiene	+++++ 0.5254	0.5546 0.5402	0.5533	0.4935	0.4993	Ave		0.5277				5.0		20.0			
Naphthalene	+++++ 2.7951	2.3989 3.1456	2.7343	2.4616	2.5629	Ave		2.6831				10.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.9416	0.8207 1.0166	0.9752	0.8693	0.8790	Ave		0.9171				8.0		20.0			
Dibromofluoromethane (Surr)	0.2539 0.2621	0.2739 0.2504	0.2698	0.2779	0.2676	Ave		0.2651				3.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2840 0.2959	0.2850 0.3017	0.2879	0.2903	0.2868	Ave		0.2902				2.2		20.0			
Toluene-d8 (Surr)	1.3078 1.3881	1.3692 1.3420	1.3753	1.4049	1.3913	Ave		1.3684				2.4		20.0			
4-Bromofluorobenzene	0.4710 0.4703	0.5119 0.4318	0.4965	0.5092	0.4913	Ave		0.4831				5.8		20.0			

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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-454423/2	A43574.D
Level 2	STD1 460-454423/4	A43576.D
Level 3	STD5 460-454423/5	A43577.D
Level 4	STD20 460-454423/6	A43578.D
Level 5	STD50 460-454423/7	A43579.D
Level 6	STD200 460-454423/8	A43580.D
Level 7	STD500 460-454423/9	A43581.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
Chlorotrifluoroethene	FB	Ave	+++++ 95889	339 244446	1551	5740	20916	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 589766	2861 1512654	8683	39408	122580	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 552389	2820 1367531	10920	46628	115954	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 525574	2865 1303202	9713	42415	109512	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 549136	2740 1376864	10862	46541	116604	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 327237	1846 779683	6774	28888	70738	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 294723	1616 706912	5856	25980	63124	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 704512	3607 1695173	14794	62073	152601	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 600182	2898 1478979	11257	49593	126777	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 154007	744 380137	4347	12721	36638	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	QuaF	+++++ 63593	686 161946	3093	8875	17398	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 370134	2146 906039	10462	33207	89376	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 389497	1897 959227	10193	34360	91734	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 339067	2105 817799	9128	29783	79517	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	QuaF	+++++ 26976	705 52317	3902	8411	14047	+++++ 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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 429562	1527 1061363	10379	35753	100496	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 422373	1982 1023220	11047	38642	98788	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 217028	1390 +++++	6935	18111	58842	+++++ 1000	5.00 +++++	25.0	100	250
Iodomethane	FB	Ave	+++++ 796851	3800 1870932	21984	70352	191683	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1648450	8519 3924958	41891	141439	384263	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 245225	1547 637488	7957	24126	63728	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 317546	1575 780181	8797	29271	76457	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 1779044	8259 4244451	46442	159607	423593	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 1226766	5751 2965954	32064	112354	286530	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 683223	2627 1723137	13802	63792	155879	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 522490	2554 1255292	15214	48647	127553	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 479306	3000 1226685	13640	45969	117559	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1312895	6685 3206020	36141	120820	313705	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 514812	2524 1255620	14869	47386	123555	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Lin2	3779 1955763	9151 4745739	51350	182769	475506	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 453462	1689 1099010	11302	39740	107120	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1541649	8571 3716186	44859	148911	378329	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 896979	4369 2156003	25703	82852	215853	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 221542	1038 559164	5240	18241	49873	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 455629	2461 1133608	12708	42694	108508	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1438988	7701 3542920	41972	137970	350548	+++++ 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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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
2,2-Dichloropropane	FB	Ave	+++++ 170788	1157 +++++	5054	15751	40804	+++++ 200	1.00 +++++	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 591764	2892 1443151	17057	54803	140796	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 279735	1486 721728	7349	23475	66226	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Qua2	+++++ 99330	795 267545	2849	8021	23773	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 426106	2281 1127611	11351	36652	99311	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	+++++ 689781	3537 1795803	19453	62923	170352	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 270811	1398 646389	7648	25347	64365	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 125705	643 313582	3505	11695	29611	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 2024259	10035 4955491	54023	179405	482694	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 865324	4230 1970216	25066	79993	204942	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 925118	3858 2157280	23000	83175	219026	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 693321	3405 1612687	18657	62024	162061	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 608747	2853 1476341	15769	52845	138629	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 687108	3324 1670395	18294	60421	157183	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 770527	3877 1860884	21620	66772	191060	+++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	+++++ 1469036	6716 3415499	39168	137505	343272	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 2021254	9632 4754925	55810	177968	467562	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1435387	7361 3356753	41221	137222	361347	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1669908	8895 3775040	49454	162310	417645	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 598726	3053 1394473	16601	54445	141320	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 425851	2069 980448	13291	38825	108550	+++++ 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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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-Butanol	TBAd9	Ave	+++++ 316400	1762 882508	8562	28476	79231	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 516199	2541 1292283	14209	43567	117569	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 325261	1298 799279	8010	29183	76228	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 877829	3775 2114615	22331	80008	208554	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 518232	2548 1252533	15477	46011	119896	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 259252	1274 684857	7056	21597	59299	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 96489	1357 +++++	2479	9564	24332	+++++ 4000	50.0 +++++	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 639426	3521 1678102	16958	55717	153266	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 315447	1591 768106	8775	27479	73121	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 652708	3186 1616929	17157	54173	145350	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 297234	1323 822627	7679	24726	69195	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 222279	1335 593037	6543	19608	52029	+++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1524 917476	3943 2477555	25501	83109	218664	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 817958	3426 2152746	22139	65822	183622	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2444291	11107 6100344	63416	215371	582241	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2125508	10422 5416467	57900	180196	479756	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 697302	2939 1897123	18759	56216	158893	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 643344	2916 1697238	17317	57168	151437	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 373614	1896 980760	10645	32883	86201	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 521512	2408 1315591	13378	43792	117639	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 717773	3267 1923730	18654	59826	164538	+++++ 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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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
2-Hexanone	BUT	Ave	+++++ 1508435	7607 3921880	41934	134699	370876	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 125062	733 337481	3748	11882	29982	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 499456	2075 1273473	12817	40064	111209	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 438353	1962 1164063	11710	36493	101021	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1355296	6055 3500769	37325	113019	308847	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 741797	3539 1802530	20429	64288	170548	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 509997	2076 1186393	13373	43571	115890	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 942461	4324 2205803	25794	81517	217024	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 413111	2253 1078957	11898	37741	100129	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 943466	4437 2171688	26370	84343	219500	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1627973	7588 3770025	46116	144856	379536	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1013837	5328 2412236	29663	96871	250738	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 372601	1620 889662	9099	30941	85005	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2527826	11409 5716173	66819	224220	591432	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 632587	3069 1482002	18195	57400	149517	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 680522	3344 1542551	18858	63406	168758	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 3064001	14495 6752947	85639	277295	729226	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 181598	972 388211	5485	17002	44745	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 179929	1069 402291	5060	16142	44032	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 2514917	12646 5162980	74677	235892	604809	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 2062009	10022 4161497	59999	195662	509726	+++++ 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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2122283	10287 4173387	59850	200297	521822	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1825413	8771 3405944	54232	170552	450589	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 818048	4231 1499300	23242	78321	207377	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1784276	7778 3670316	47912	156780	422479	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2222259	10684 4222327	63270	211653	549674	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 2618723	12658 5064414	71650	240819	637581	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 2248727	11262 4401597	64194	210542	559060	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1251523	6355 2252796	37575	122531	315207	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1253310	6320 2193828	38525	122945	323363	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 2175174	11380 3748825	67279	221733	564232	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 1393373	7142 2674137	39491	136136	359073	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2350790	12612 4162869	73353	243264	615359	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 1346742	7317 2261294	42420	141224	357275	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 1124311	6296 1790862	33921	113792	295655	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1187722	5994 1981497	36004	119951	310273	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 2176523	11316 4373200	64366	212606	539363	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 124738	703 272173	3259	11620	30429	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 891956	4532 1770498	25952	87084	221915	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 852216	3955 1796866	22448	76869	202323	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 382317	2076 759017	10313	35842	93745	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2033869	8979 4420033	50968	178785	481225	+++++ 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.: 460-141360-1 Analy Batch No.: 454423

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/07/2017 06:15 Calibration End Date: 08/07/2017 08:54 Calibration ID: 63567

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
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 685182	3072 1428451	18178	63137	165040	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	129005 115140	109325 108370	109575	108110	110781	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	144336 130000	113754 130574	116934	112930	118763	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	472865 429370	385152 437134	395593	373342	399995	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	170319 145466	144000 140637	142813	135322	141260	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43574.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 07-Aug-2017 06:15:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0058730-002
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:59 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 11:58:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.347	3.347	0.000	95	249241	1000.0	1000.0	
32 Acrylonitrile	53	3.603	3.597	0.006	97	3779	2.00	2.04	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	97	288357	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	4.707	4.707	0.000	97	129005	50.0	47.9	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	98	144336	50.0	48.9	
* 64 Fluorobenzene	96	5.194	5.195	0.000	98	508139	50.0	50.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	87	25666	1000.0	1000.0	
78 Epichlorohydrin	57	6.274	6.261	0.013	98	1524	5.00	5.16	
$ 81 Toluene-d8 (Surr)	98	6.530	6.530	0.000	99	472865	50.0	47.8	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	86	361574	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.432	8.432	0.000	90	170319	50.0	48.7	
* 119 1,4-Dichlorobenzene-d4	152	9.084	9.090	-0.006	95	227914	50.0	50.0	

Reagents:

GAS Hi_00212	Amount Added:	0.00	Units: uL	
MIX I Hi_00076	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	0.00	Units: uL	
Ethanol mix_00003	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00067	Amount Added:	0.00	Units: uL	
14DIOXINTER_00071	Amount Added:	0.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

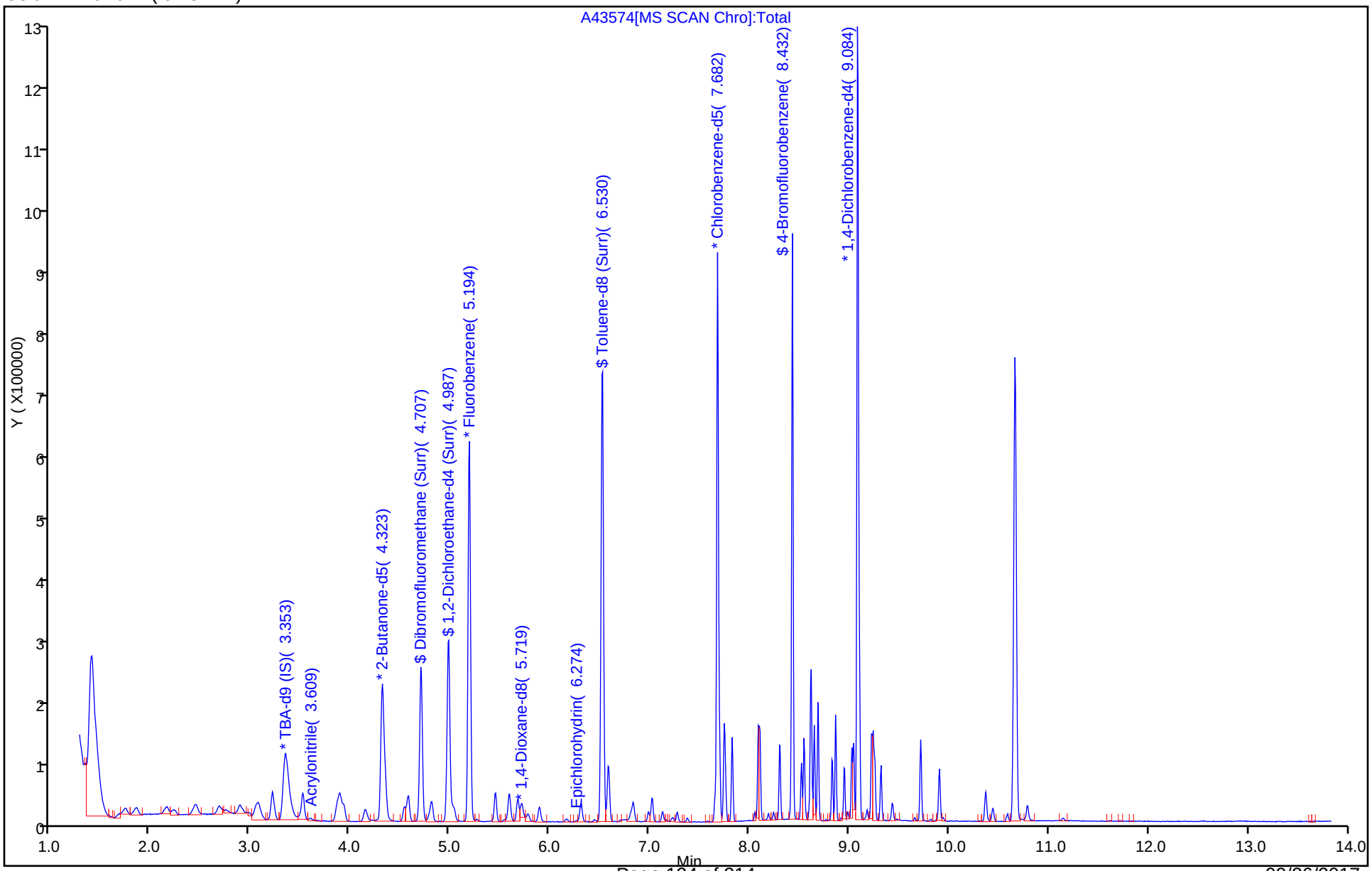
Report Date: 09-Aug-2017 10:28:07 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43574.D

Injection Date:	07-Aug-2017 06:15:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD8			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Aug-2017 07:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0058730-004
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:30 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 12:05:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.537	1.543	-0.006	35	339	1.00	0.9129	
3 Dichlorodifluoromethane	85	1.592	1.579	0.013	58	2861	1.00	1.19	
4 Chloromethane	50	1.738	1.732	0.006	71	2820	1.00	1.16	M
5 Vinyl chloride	62	1.841	1.842	-0.001	93	2740	1.00	1.13	
6 Butadiene	54	1.829	1.842	-0.013	95	2865	1.00	1.24	
7 Bromomethane	94	2.146	2.140	0.006	91	1846	1.00	1.24	
8 Chloroethane	64	2.213	2.213	0.000	51	1616	1.00	1.22	M
10 Dichlorofluoromethane	67	2.433	2.439	-0.006	86	3607	1.00	1.14	
9 Trichlorofluoromethane	101	2.451	2.451	0.000	71	2898	1.00	1.12	
11 Pentane	72	2.457	2.451	0.006	72	744	2.00	2.05	M
12 Ethanol	46	2.652	2.658	-0.006	85	686	40.0	82.5	
13 Ethyl ether	59	2.671	2.658	0.013	93	2146	1.00	1.17	
14 2-Methyl-1,3-butadiene	53	2.689	2.683	0.006	94	1897	1.00	1.04	
15 1,2-Dichloro-1,1,2-trifluo	117	2.732	2.738	-0.006	70	2105	1.00	1.26	M
16 Acrolein	56	2.853	2.847	0.006	47	705	4.00	4.64	M
17 1,1,2-Trichloro-1,2,2-trif	101	2.878	2.872	0.006	49	1527	1.00	0.8146	
18 1,1-Dichloroethene	96	2.890	2.884	0.006	95	1982	1.00	1.00	
19 Acetone	58	2.994	2.988	0.006	84	1390	5.00	6.09	M
20 Iodomethane	142	3.042	3.042	0.000	97	3800	1.00	1.01	
21 Carbon disulfide	76	3.079	3.073	0.006	99	8519	1.00	1.11	
22 Isopropyl alcohol	45	3.116	3.079	0.037	25	1547	10.0	11.5	
23 3-Chloro-1-propene	76	3.213	3.207	0.006	90	1575	1.00	1.03	
25 Cyclopentene	67	3.238	3.225	0.013	76	5751	1.00	1.00	
24 Methyl acetate	43	3.231	3.225	0.006	98	8259	5.00	4.99	
26 Acetonitrile	41	3.305	3.292	0.013	75	2627	10.0	8.50	M
27 Methylene Chloride	84	3.341	3.341	0.000	32	2554	1.00	1.01	
* 28 TBA-d9 (IS)	65	3.347	3.347	0.000	96	186953	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.427	3.427	0.000	97	3000	10.0	11.8	
30 Methyl tert-butyl ether	73	3.506	3.494	0.012	96	6685	1.00	1.06	
31 trans-1,2-Dichloroethene	96	3.518	3.518	0.000	97	2524	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.603	3.597	0.006	93	9151	10.0	8.89	M
33 Hexane	43	3.676	3.664	0.012	90	1689	1.00	0.8374	
34 Isopropyl ether	45	3.872	3.865	0.007	88	8571	1.00	1.11	
35 1,1-Dichloroethane	63	3.902	3.890	0.012	69	4369	1.00	1.01	
36 Vinyl acetate	86	3.920	3.914	0.006	100	1038	2.00	2.07	
37 2-Chloro-1,3-butadiene	88	3.933	3.933	0.000	88	2461	1.00	1.10	
38 Tert-butyl ethyl ether	59	4.146	4.146	0.000	88	7701	1.00	1.08	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	98	206167	250.0	250.0	
41 cis-1,2-Dichloroethene	96	4.347	4.347	0.000	96	2892	1.00	1.01	
40 2,2-Dichloropropane	97	4.335	4.347	-0.012	51	1157	1.00	1.28	
42 Ethyl acetate	70	4.378	4.365	0.013	93	795	2.00	1.97	
43 2-Butanone (MEK)	72	4.365	4.371	-0.006	96	1486	5.00	5.77	
44 Methyl acrylate	55	4.414	4.408	0.006	22	2281	1.00	1.11	
45 Propionitrile	54	4.481	4.481	0.000	99	3537	10.0	10.4	
46 Chlorobromomethane	128	4.536	4.536	0.000	91	1398	1.00	1.07	
47 Tetrahydrofuran	72	4.542	4.536	0.006	60	643	2.00	2.19	
48 Methacrylonitrile	67	4.560	4.560	0.000	92	10035	10.0	10.5	
49 Chloroform	83	4.585	4.579	0.006	98	4230	1.00	1.02	
50 Cyclohexane	56	4.695	4.689	0.007	39	3858	1.00	0.9241	
51 1,1,1-Trichloroethane	97	4.695	4.701	-0.006	42	3405	1.00	1.05	
$ 52 Dibromofluoromethane (Surr	113	4.707	4.707	0.000	97	109325	50.0	51.7	
54 Carbon tetrachloride	117	4.792	4.798	-0.006	96	2853	1.00	1.02	
55 1,1-Dichloropropene	75	4.817	4.817	-0.001	96	3324	1.00	1.04	
56 Isobutyl alcohol	43	4.938	4.920	0.018	35	3877	25.0	25.4	
57 Isooctane	57	4.938	4.945	-0.007	98	6716	1.00	0.9814	
58 Benzene	78	4.975	4.975	0.000	46	9632	1.00	1.02	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	97	113754	50.0	49.1	
60 Isopropyl acetate	43	5.012	5.012	0.000	89	7361	1.00	1.05	
61 Tert-amyl methyl ether	73	5.018	5.018	0.000	85	8895	1.00	1.08	
62 1,2-Dichloroethane	62	5.048	5.042	0.006	96	3053	1.00	1.07	
63 n-Heptane	71	5.073	5.085	-0.012	89	2069	1.00	0.99	
* 64 Fluorobenzene	96	5.194	5.195	0.000	98	399142	50.0	50.0	
65 n-Butanol	56	5.402	5.408	-0.006	84	1762	25.0	27.0	
66 Trichloroethene	95	5.451	5.457	-0.006	94	2541	1.00	1.05	
67 Ethyl acrylate	56	5.536	5.548	-0.012	97	1298	1.00	0.8859	
68 Methylcyclohexane	83	5.560	5.554	0.006	91	3775	1.00	0.9368	
69 1,2-Dichloropropane	63	5.682	5.676	0.006	89	2548	1.00	1.02	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	87	19847	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	61	1274	2.00	2.08	
72 n-Propyl acetate	43	5.768	5.768	0.000	98	3521	1.00	1.13	
73 1,4-Dioxane	88	5.761	5.768	-0.007	34	1357	50.0	57.4	
74 Dibromomethane	93	5.780	5.780	0.000	95	1591	1.00	1.06	
75 Dichlorobromomethane	83	5.896	5.896	0.000	99	3186	1.00	1.06	
76 2-Chloroethyl vinyl ether	63	6.158	6.164	-0.006	83	1323	1.00	0.9561	
77 2-Nitropropane	41	6.176	6.170	0.006	81	1335	2.00	2.38	
78 Epichlorohydrin	57	6.267	6.261	0.006	99	3943	20.0	18.7	
79 cis-1,3-Dichloropropene	75	6.316	6.310	0.006	92	3426	1.00	0.9230	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	96	11107	5.00	5.06	
$ 81 Toluene-d8 (Surr)	98	6.530	6.530	0.000	99	385152	50.0	50.0	
82 Toluene	91	6.591	6.591	0.000	93	10422	1.00	1.05	
83 trans-1,3-Dichloropropene	75	6.841	6.834	0.006	97	2939	1.00	0.9213	
84 Ethyl methacrylate	69	6.847	6.847	0.000	88	2916	1.00	0.9600	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.993	6.993	0.000	95	1896	1.00	1.05	
86 Tetrachloroethene	166	7.023	7.023	0.000	95	2408	1.00	1.01	
87 1,3-Dichloropropane	76	7.127	7.133	-0.006	97	3267	1.00	0.9856	
88 2-Hexanone	43	7.158	7.158	0.000	95	7607	5.00	5.38	
89 n-Butyl acetate	73	7.231	7.219	0.013	98	733	1.00	1.15	
90 Chlorodibromomethane	129	7.279	7.279	0.000	98	2075	1.00	0.9327	
91 Ethylene Dibromide	107	7.377	7.377	0.000	99	1962	1.00	0.9678	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	86	281293	50.0	50.0	
93 Chlorobenzene	112	7.706	7.700	0.006	96	6055	1.00	0.9665	
94 Ethylbenzene	106	7.749	7.749	0.000	98	3539	1.00	1.02	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	2076	1.00	0.9136	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	98	4324	1.00	1.00	
97 n-Butyl acrylate	73	8.060	8.054	0.006	96	2253	1.00	1.10	
98 o-Xylene	106	8.090	8.090	0.000	95	4437	1.00	1.01	
99 Styrene	104	8.109	8.109	0.000	93	7588	1.00	1.00	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	90	5328	1.00	0.9712	
101 Bromoform	173	8.249	8.249	0.000	94	1620	1.00	0.9787	
102 Isopropylbenzene	105	8.310	8.310	0.000	95	11409	1.00	0.9880	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	94	144000	50.0	53.0	
104 Bromobenzene	156	8.529	8.523	0.006	98	3069	1.00	0.9271	
105 1,1,2,2-Tetrachloroethane	83	8.529	8.529	0.000	97	3344	1.00	0.9388	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	14495	1.00	0.9226	
108 trans-1,4-Dichloro-2-buten	53	8.566	8.566	0.000	72	1069	1.00	1.11	
107 1,2,3-Trichloropropane	110	8.572	8.566	0.006	94	972	1.00	1.00	
109 4-Ethyltoluene	105	8.621	8.615	0.006	98	12646	1.00	0.9660	
110 2-Chlorotoluene	91	8.627	8.627	0.000	96	10022	1.00	0.9395	
111 1,3,5-Trimethylbenzene	105	8.657	8.651	0.006	92	10287	1.00	0.9487	
113 4-Chlorotoluene	91	8.694	8.688	0.006	95	8771	1.00	0.9415	
112 Butyl Methacrylate	87	8.694	8.694	0.000	65	4231	1.00	1.00	
114 tert-Butylbenzene	119	8.834	8.834	0.000	93	7778	1.00	0.8829	
115 1,2,4-Trimethylbenzene	105	8.871	8.871	0.000	97	10684	1.00	0.9437	
116 sec-Butylbenzene	105	8.962	8.956	0.006	99	12658	1.00	0.9598	
117 4-Isopropyltoluene	119	9.035	9.029	0.006	98	11262	1.00	0.9731	
118 1,3-Dichlorobenzene	146	9.053	9.047	0.006	94	6355	1.00	0.9793	
* 119 1,4-Dichlorobenzene-d4	152	9.096	9.090	0.006	95	187147	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.108	9.102	0.006	91	6320	1.00	0.9691	
136 1,2,3-Trimethylbenzene	105	9.114	9.108	0.006	0	11380	1.00	0.99	
121 Benzyl chloride	91	9.188	9.182	0.006	98	7142	1.00	0.9843	
122 2,3-Dihydroindene	117	9.236	9.230	0.006	94	12612	1.00	1.00	
123 p-Diethylbenzene	119	9.249	9.242	0.007	92	7317	1.00	1.02	
124 n-Butylbenzene	92	9.267	9.261	0.006	98	6296	1.00	1.07	
125 1,2-Dichlorobenzene	146	9.328	9.322	0.006	95	5994	1.00	0.9726	
126 1,2,4,5-Tetramethylbenzene	119	9.724	9.718	0.006	98	11316	1.00	0.9869	
127 1,2-Dibromo-3-Chloropropan	75	9.822	9.816	0.006	90	703	1.00	1.07	
128 1,3,5-Trichlorobenzene	180	9.913	9.907	0.006	97	4532	1.00	0.9726	
129 1,2,4-Trichlorobenzene	180	10.382	10.370	0.012	94	3955	1.00	0.9260	
130 Hexachlorobutadiene	225	10.456	10.443	0.013	94	2076	1.00	1.05	
131 Naphthalene	128	10.596	10.590	0.006	98	8979	1.00	0.8941	
132 1,2,3-Trichlorobenzene	180	10.797	10.791	0.006	94	3072	1.00	0.8950	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.03	
S 134 Xylenes, Total	100				0		2.00	2.01	
S 135 Total BTEX	1				0		5.00	5.10	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00212	Amount Added:	1.00	Units: uL	
MIX I Hi_00076	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	1.00	Units: uL	
Ethanol mix_00003	Amount Added:	1.00	Units: uL	
ACROLEIN W_00067	Amount Added:	4.00	Units: uL	
14DIOXINTER_00071	Amount Added:	30.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

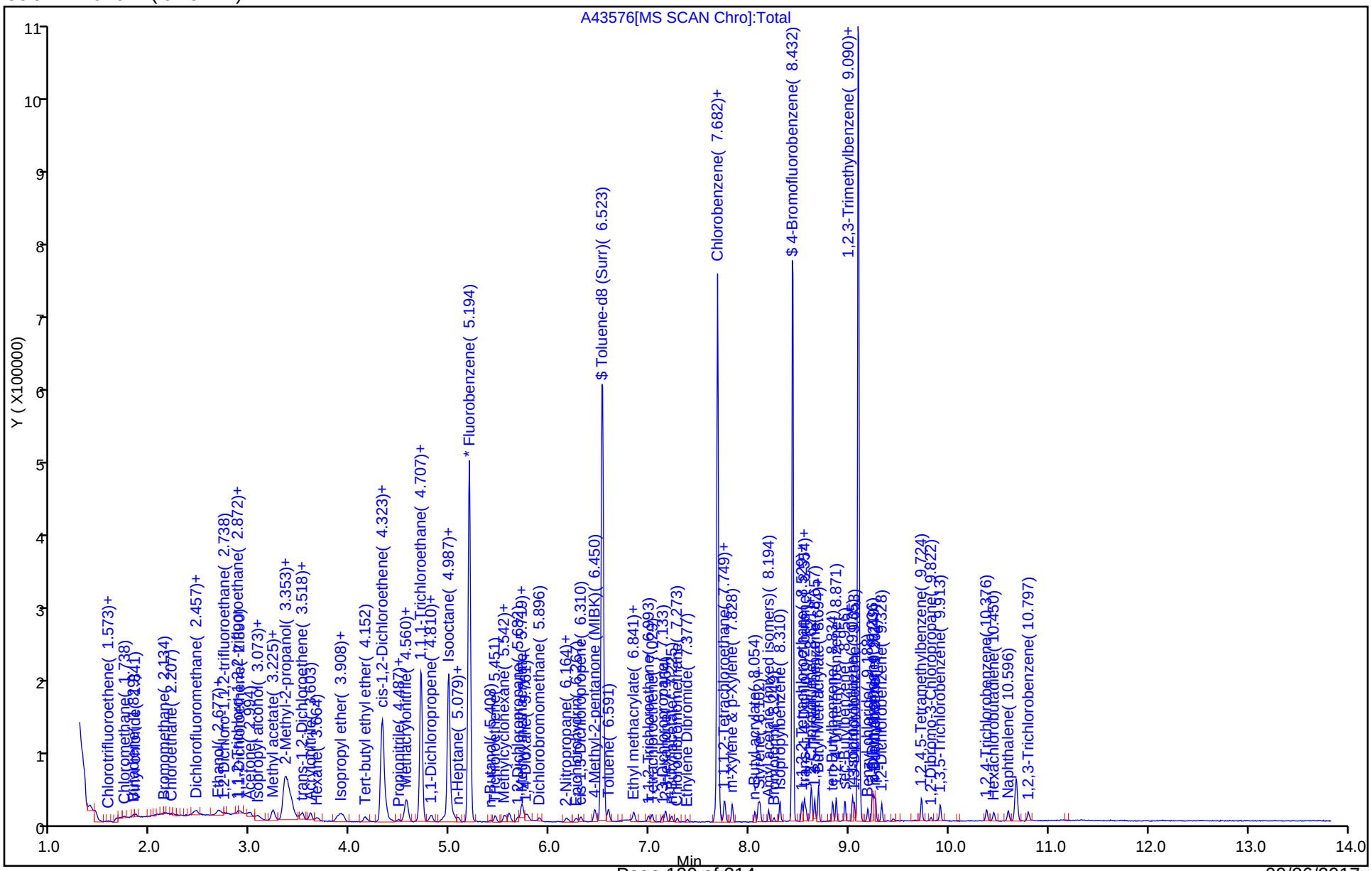
Report Date: 09-Aug-2017 10:27:33 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D

Injection Date:	07-Aug-2017 07:01:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD1			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

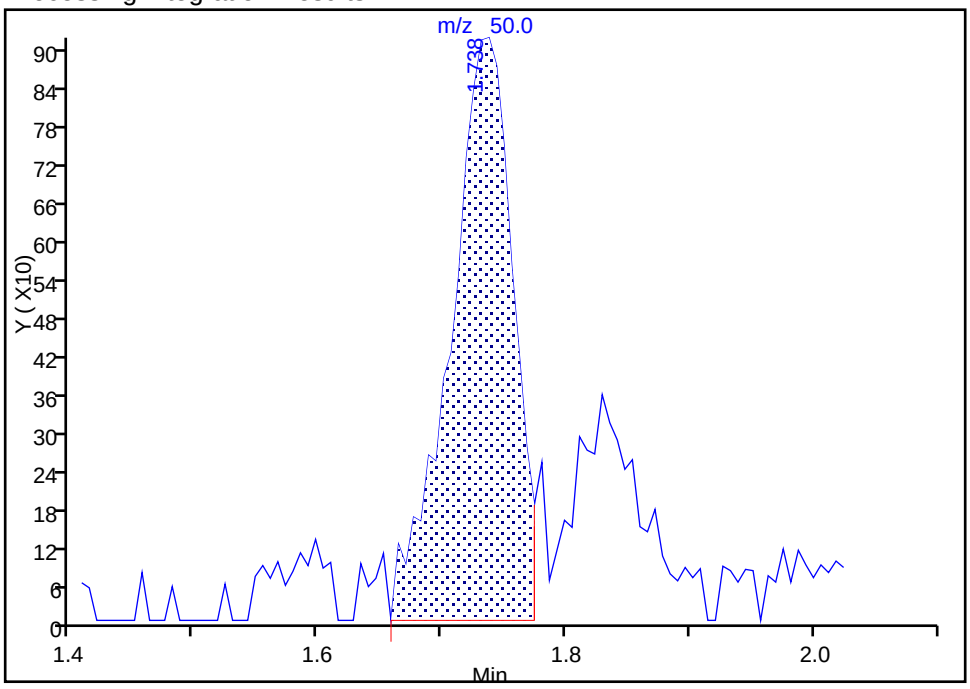
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D				
Injection Date:	07-Aug-2017 07:01:30	Instrument ID:	CVOAMS1		
Lims ID:	STD1				
Client ID:					
Operator ID:	VOA GC/MS1	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

4 Chloromethane, CAS: 74-87-3

Signal: 1

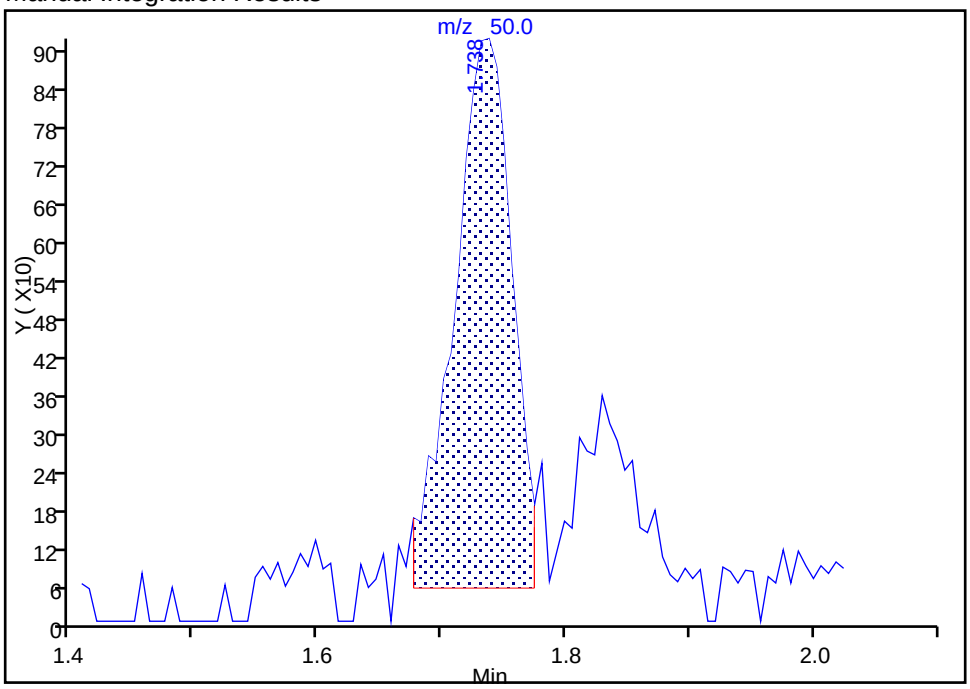
Processing Integration Results

RT: 1.74
Area: 3219
Amount: 1.285491
Amount Units: ug/l



Manual Integration Results

RT: 1.74
Area: 2820
Amount: 1.156875
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:22:24

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Edison

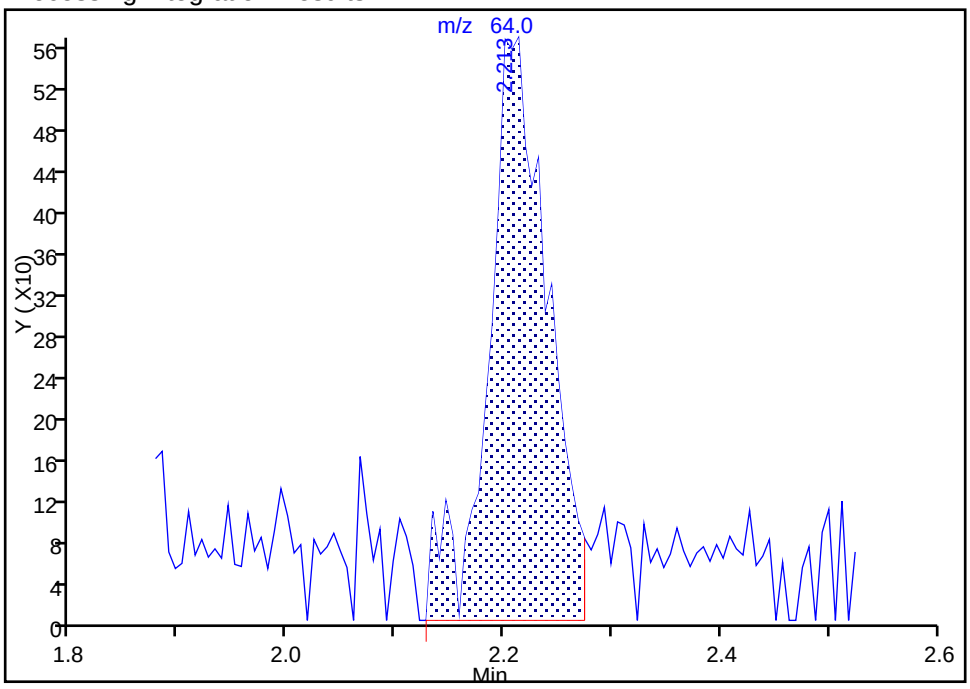
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Injection Date: 07-Aug-2017 07:01:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Chloroethane, CAS: 75-00-3

Signal: 1

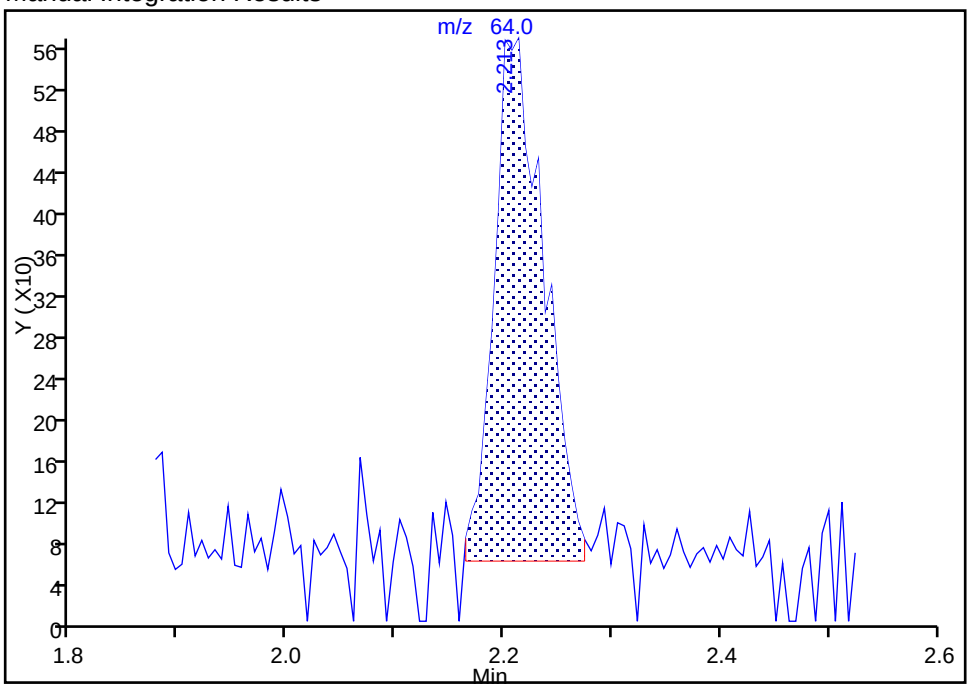
Processing Integration Results

RT: 2.21
Area: 2151
Amount: 1.600441
Amount Units: ug/l



Manual Integration Results

RT: 2.21
Area: 1616
Amount: 1.218166
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:23:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Edison

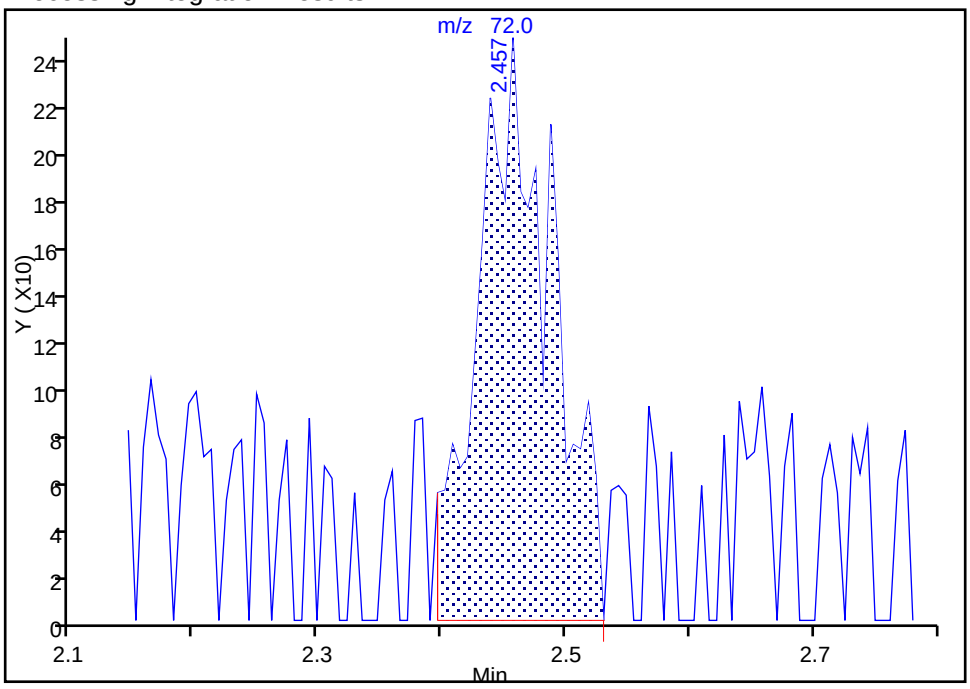
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Injection Date: 07-Aug-2017 07:01:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Pentane, CAS: 109-66-0

Signal: 1

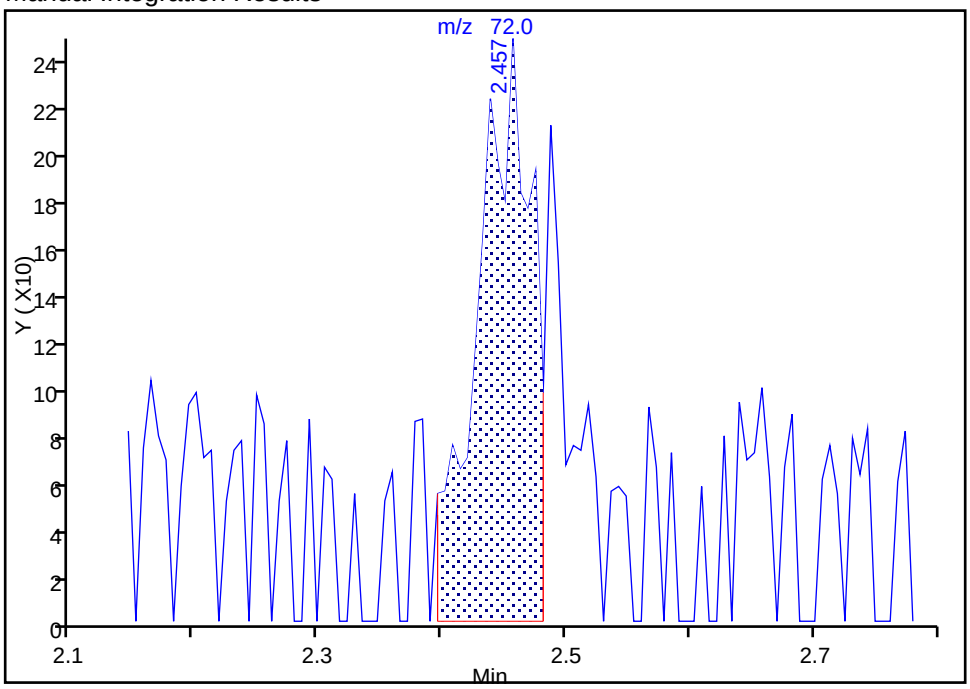
Processing Integration Results

RT: 2.46
Area: 1006
Amount: 2.612935
Amount Units: ug/l



Manual Integration Results

RT: 2.46
Area: 744
Amount: 2.048603
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:23:32
Audit Action: Assigned Compound ID Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

TestAmerica Edison

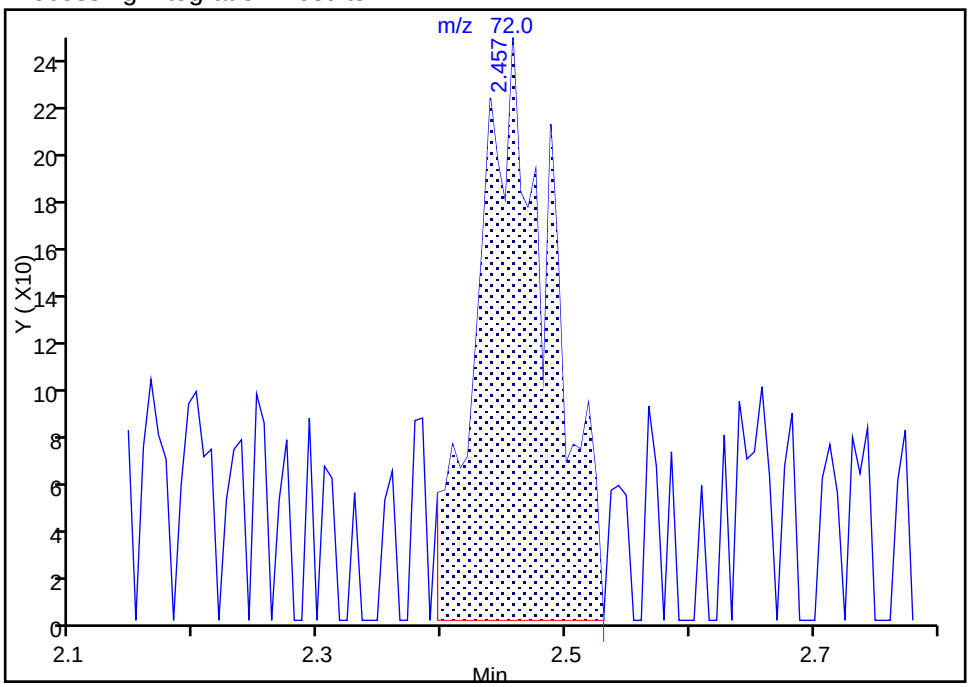
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Injection Date: 07-Aug-2017 07:01:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Pentane, CAS: 109-66-0

Signal: 1

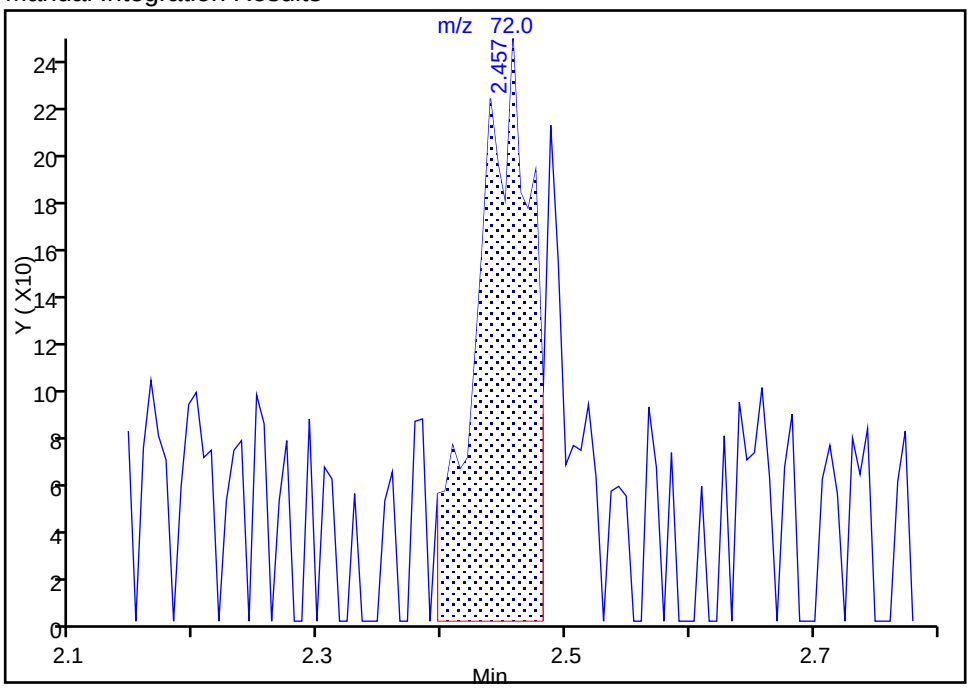
Processing Integration Results

RT: 2.46
Area: 1006
Amount: 2.612935
Amount Units: ug/l



Manual Integration Results

RT: 2.46
Area: 744
Amount: 2.048603
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:23:41
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

TestAmerica Edison

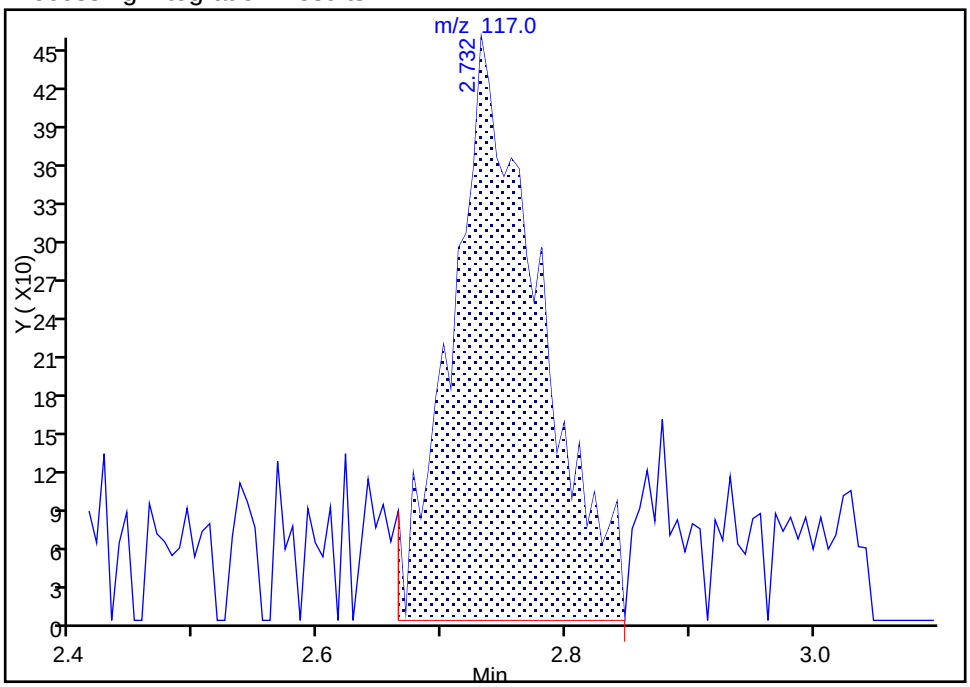
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D				
Injection Date:	07-Aug-2017 07:01:30	Instrument ID:	CVOAMS1		
Lims ID:	STD1				
Client ID:					
Operator ID:	VOA GC/MS1	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

15 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Signal: 1

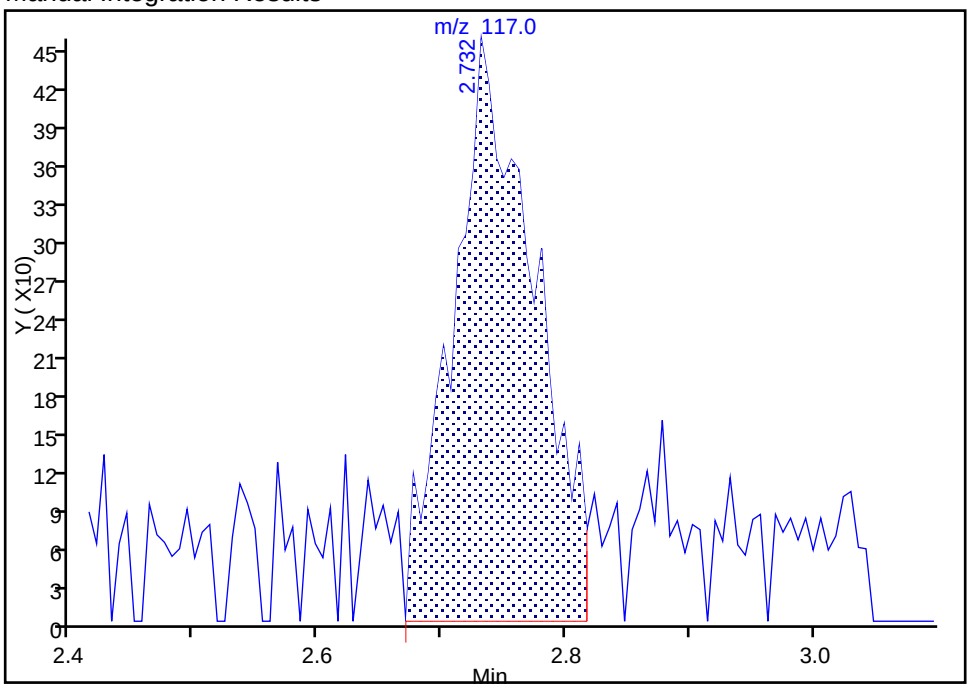
Processing Integration Results

RT: 2.73
Area: 2256
Amount: 1.332325
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 2105
Amount: 1.261904
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:24:23

Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

TestAmerica Edison

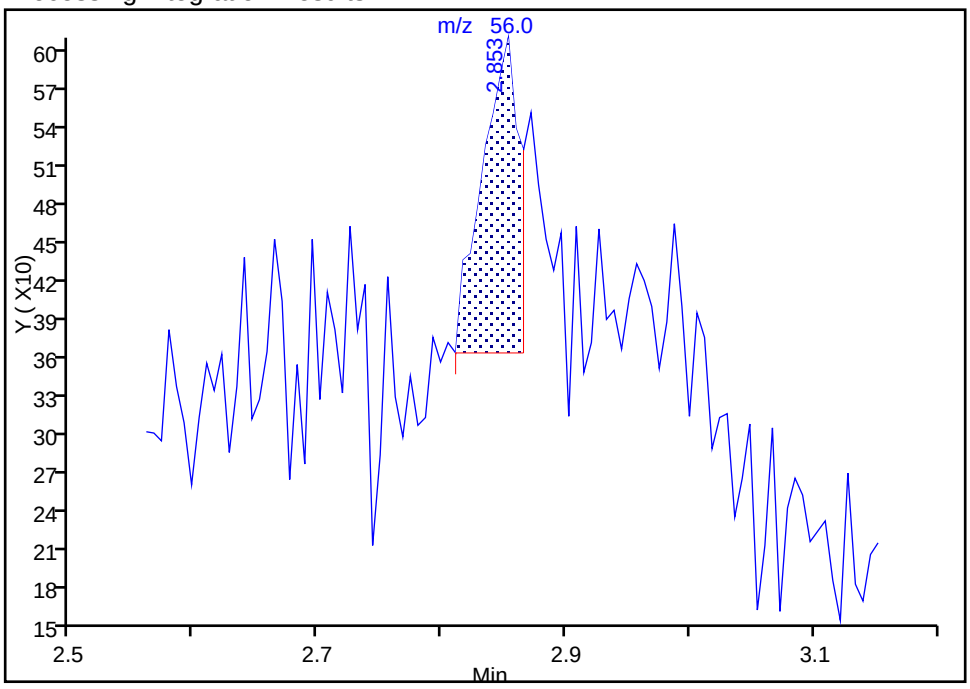
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Injection Date: 07-Aug-2017 07:01:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

Signal: 1

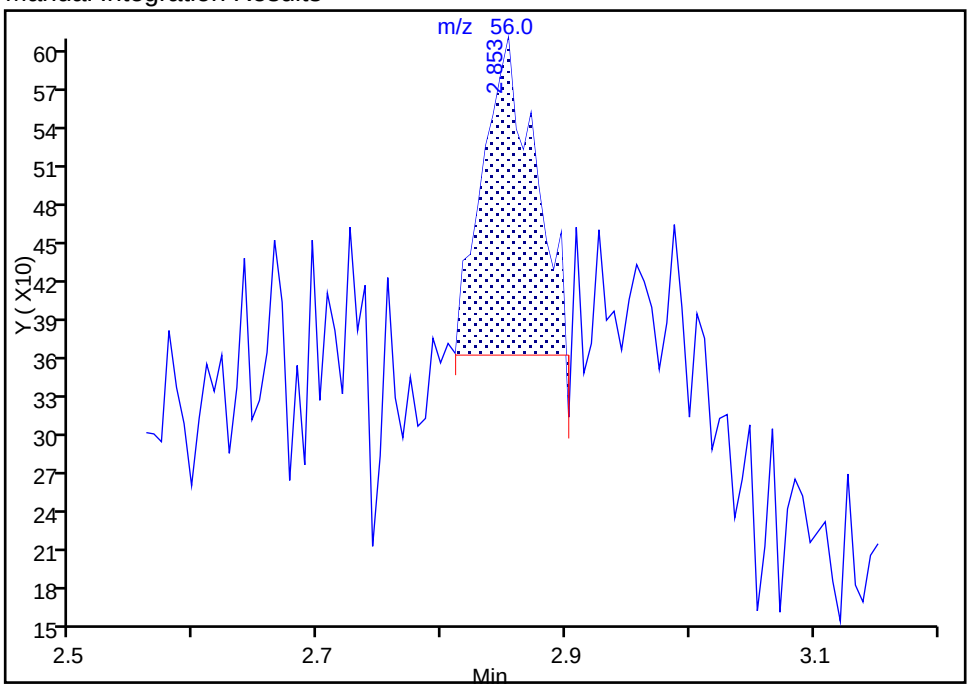
Processing Integration Results

RT: 2.85
Area: 512
Amount: 2.992604
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 705
Amount: 4.640734
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:13:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

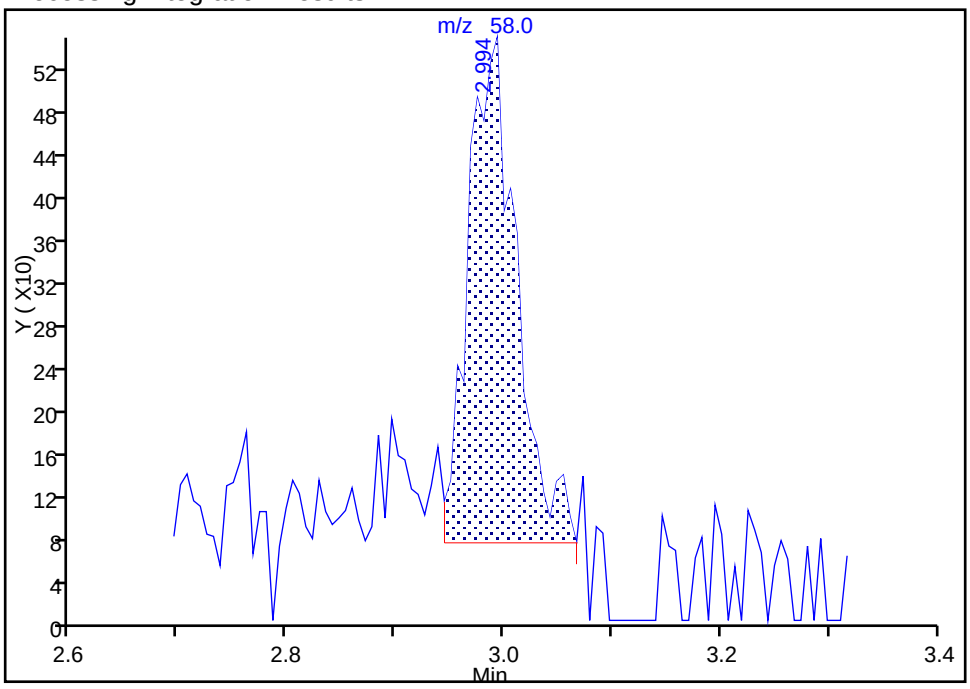
Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D				
Injection Date:	07-Aug-2017 07:01:30	Instrument ID:	CVOAMS1		
Lims ID:	STD1				
Client ID:					
Operator ID:	VOA GC/MS1	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

19 Acetone, CAS: 67-64-1

Signal: 1

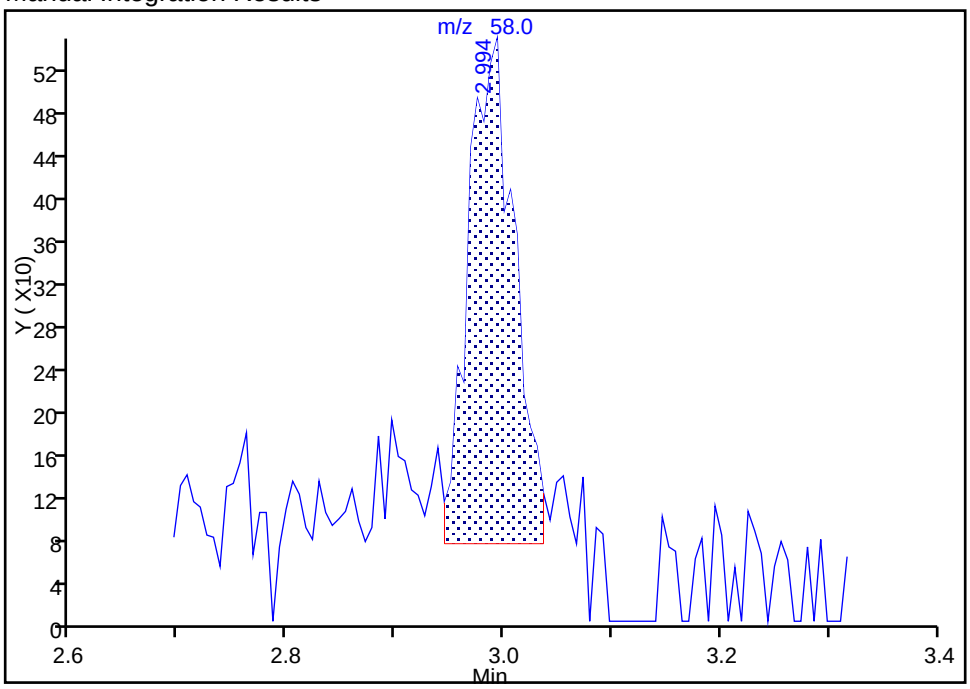
Processing Integration Results

RT: 2.99
Area: 1451
Amount: 6.981641
Amount Units: ug/l



Manual Integration Results

RT: 2.99
Area: 1390
Amount: 6.091279
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:24:39
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

TestAmerica Edison

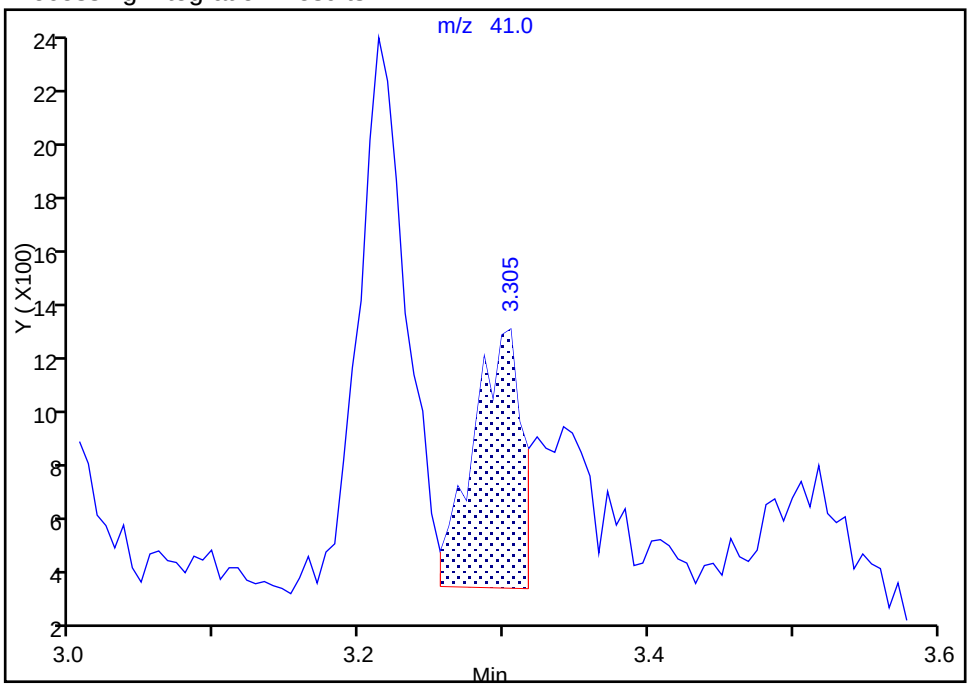
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Injection Date: 07-Aug-2017 07:01:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

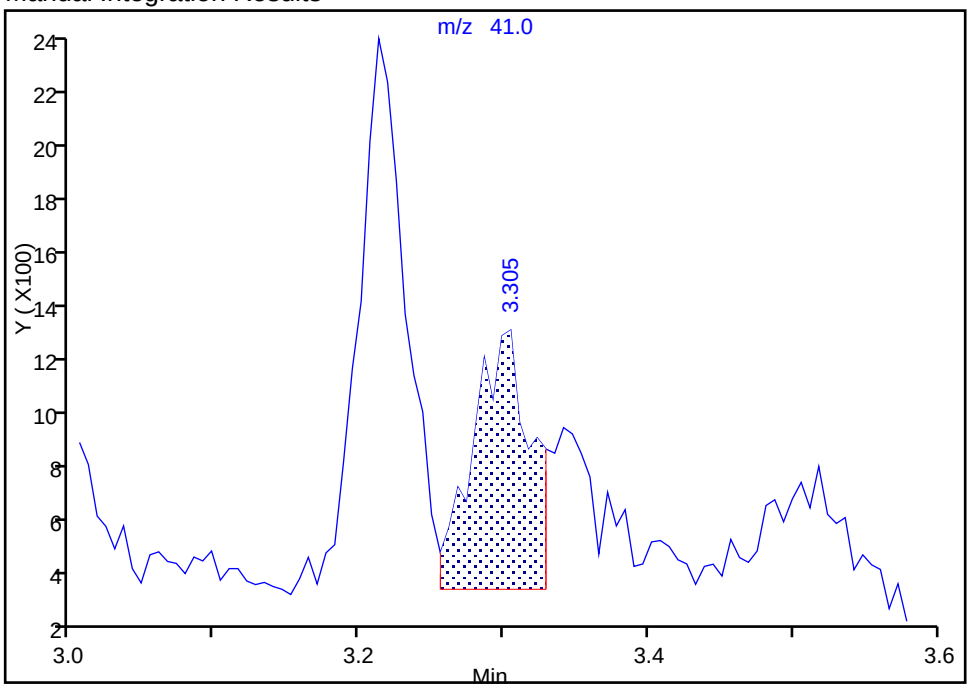
Processing Integration Results

RT: 3.30
Area: 2228
Amount: 7.366561
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 2627
Amount: 8.498929
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:24:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

TestAmerica Edison

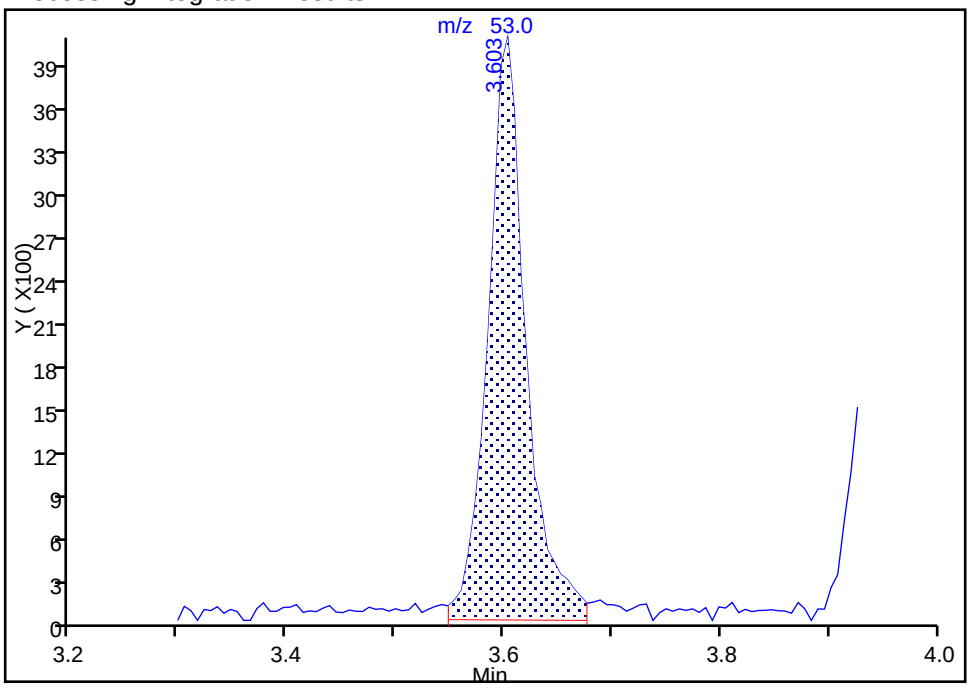
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43576.D
Injection Date: 07-Aug-2017 07:01:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acrylonitrile, CAS: 107-13-1

Signal: 1

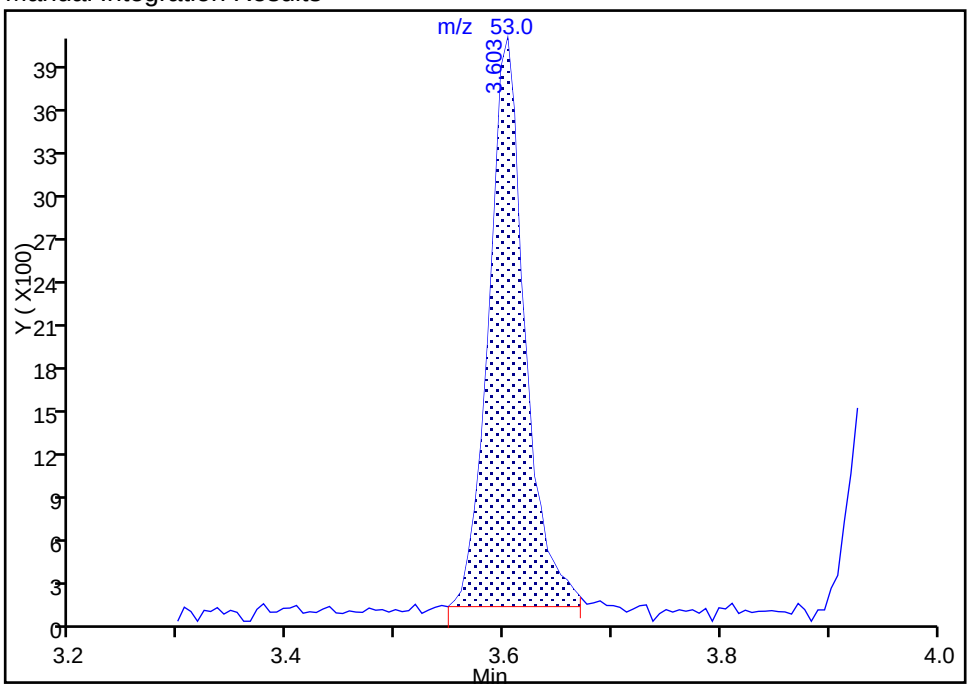
Processing Integration Results

RT: 3.60
Area: 9958
Amount: 11.048249
Amount Units: ug/l



Manual Integration Results

RT: 3.60
Area: 9151
Amount: 8.887481
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:25:19
Audit Action: Manually Integrated Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43577.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Aug-2017 07:23:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0058730-005
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:36 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 11:19:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.543	1.543	0.000	86	1551	5.00	4.10	
3 Dichlorodifluoromethane	85	1.585	1.579	0.006	99	8683	5.00	3.55	
4 Chloromethane	50	1.738	1.732	0.006	99	10920	5.00	4.40	
6 Butadiene	54	1.842	1.842	0.000	88	9713	5.00	4.13	
5 Vinyl chloride	62	1.854	1.842	0.012	98	10862	5.00	4.40	
7 Bromomethane	94	2.146	2.140	0.006	98	6774	5.00	4.46	
8 Chloroethane	64	2.219	2.213	0.006	97	5856	5.00	4.34	
10 Dichlorofluoromethane	67	2.445	2.439	0.006	98	14794	5.00	4.60	
11 Pentane	72	2.463	2.451	0.012	96	4347	10.0	11.8	
9 Trichlorofluoromethane	101	2.445	2.451	-0.006	58	11257	5.00	4.27	
13 Ethyl ether	59	2.671	2.658	0.013	98	10462	5.00	5.62	
12 Ethanol	46	2.683	2.658	0.025	67	3093	200.0	363.7	
14 2-Methyl-1,3-butadiene	53	2.689	2.683	0.006	94	10193	5.00	5.48	
15 1,2-Dichloro-1,1,2-trifluo	117	2.744	2.738	0.006	91	9128	5.00	5.38	
16 Acrolein	56	2.854	2.847	0.007	94	3902	20.0	25.3	M
17 1,1,2-Trichloro-1,2,2-trif	101	2.896	2.872	0.024	58	10379	5.00	5.44	
18 1,1-Dichloroethene	96	2.890	2.884	0.006	97	11047	5.00	5.50	
19 Acetone	58	2.994	2.988	0.006	87	6935	25.0	29.3	
20 Iodomethane	142	3.055	3.042	0.013	97	21984	5.00	5.76	
21 Carbon disulfide	76	3.085	3.073	0.012	99	41891	5.00	5.35	
22 Isopropyl alcohol	45	3.103	3.079	0.024	54	7957	50.0	57.6	
23 3-Chloro-1-propene	76	3.219	3.207	0.012	92	8797	5.00	5.66	
24 Methyl acetate	43	3.238	3.225	0.013	99	46442	25.0	27.6	
25 Cyclopentene	67	3.231	3.225	0.006	74	32064	5.00	5.50	
26 Acetonitrile	41	3.292	3.292	0.000	97	13802	50.0	43.7	
27 Methylene Chloride	84	3.347	3.341	0.006	96	15214	5.00	5.91	
* 28 TBA-d9 (IS)	65	3.353	3.347	0.006	96	191238	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.427	3.427	0.000	91	13640	50.0	52.6	
30 Methyl tert-butyl ether	73	3.506	3.494	0.012	98	36141	5.00	5.62	
31 trans-1,2-Dichloroethene	96	3.524	3.518	0.006	95	14869	5.00	5.88	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.603	3.597	0.006	96	51350	50.0	54.7	M
33 Hexane	43	3.670	3.664	0.006	92	11302	5.00	5.51	
34 Isopropyl ether	45	3.872	3.865	0.007	96	44859	5.00	5.73	
35 1,1-Dichloroethane	63	3.902	3.890	0.012	99	25703	5.00	5.85	
36 Vinyl acetate	86	3.920	3.914	0.006	100	5240	10.0	10.3	
37 2-Chloro-1,3-butadiene	88	3.939	3.933	0.006	91	12708	5.00	5.59	
38 Tert-butyl ethyl ether	59	4.152	4.146	0.006	90	41972	5.00	5.77	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	213808	250.0	250.0	
40 2,2-Dichloropropane	97	4.353	4.347	0.006	52	5054	5.00	5.49	
41 cis-1,2-Dichloroethene	96	4.353	4.347	0.006	95	17057	5.00	5.87	
42 Ethyl acetate	70	4.372	4.365	0.007	92	2849	10.0	11.0	
43 2-Butanone (MEK)	72	4.365	4.371	-0.006	96	7349	25.0	27.5	
44 Methyl acrylate	55	4.420	4.408	0.012	98	11351	5.00	5.43	
45 Propionitrile	54	4.487	4.481	0.006	99	19453	50.0	56.4	
47 Tetrahydrofuran	72	4.548	4.536	0.012	58	3505	10.0	11.5	
46 Chlorobromomethane	128	4.536	4.536	0.000	92	7648	5.00	5.73	
48 Methacrylonitrile	67	4.567	4.560	0.007	93	54023	50.0	55.4	
49 Chloroform	83	4.585	4.579	0.006	99	25066	5.00	5.96	
50 Cyclohexane	56	4.695	4.689	0.007	93	23000	5.00	5.41	
51 1,1,1-Trichloroethane	97	4.707	4.701	0.006	95	18657	5.00	5.64	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.707	0.006	98	109575	50.0	50.9	
54 Carbon tetrachloride	117	4.798	4.798	0.000	97	15769	5.00	5.53	
55 1,1-Dichloropropene	75	4.823	4.817	0.006	98	18294	5.00	5.60	
56 Isobutyl alcohol	43	4.926	4.920	0.006	90	21620	125.0	138.5	
57 Isooctane	57	4.945	4.945	0.000	95	39168	5.00	5.62	
58 Benzene	78	4.975	4.975	0.000	97	55810	5.00	5.79	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	97	116934	50.0	49.6	
60 Isopropyl acetate	43	5.018	5.012	0.006	86	41221	5.00	5.76	
61 Tert-amyl methyl ether	73	5.018	5.018	0.000	85	49454	5.00	5.89	
62 1,2-Dichloroethane	62	5.048	5.042	0.006	95	16601	5.00	5.72	
63 n-Heptane	71	5.085	5.085	0.000	91	13291	5.00	6.26	
* 64 Fluorobenzene	96	5.195	5.195	0.001	98	406198	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	95	8562	125.0	128.0	
66 Trichloroethene	95	5.457	5.457	0.000	99	14209	5.00	5.75	
67 Ethyl acrylate	56	5.548	5.548	0.000	97	8010	5.00	5.37	
68 Methylcyclohexane	83	5.554	5.554	0.000	94	22331	5.00	5.45	
69 1,2-Dichloropropane	63	5.682	5.676	0.006	92	15477	5.00	6.11	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	48	19761	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	88	7056	10.0	11.3	
73 1,4-Dioxane	88	5.761	5.768	-0.007	31	2479	100.0	105.3	
72 n-Propyl acetate	43	5.768	5.768	0.000	97	16958	5.00	5.36	
74 Dibromomethane	93	5.780	5.780	0.000	97	8775	5.00	5.76	
75 Dichlorobromomethane	83	5.896	5.896	0.000	99	17157	5.00	5.59	
76 2-Chloroethyl vinyl ether	63	6.164	6.164	0.000	81	7679	5.00	5.45	
77 2-Nitropropane	41	6.176	6.170	0.006	81	6543	10.0	11.5	
78 Epichlorohydrin	57	6.267	6.261	0.006	100	25501	100.0	116.4	
79 cis-1,3-Dichloropropene	75	6.316	6.310	0.006	90	22139	5.00	5.83	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	96	63416	25.0	27.9	
$ 81 Toluene-d8 (Surr)	98	6.530	6.530	0.000	99	395593	50.0	50.3	
82 Toluene	91	6.591	6.591	0.000	93	57900	5.00	5.69	
83 trans-1,3-Dichloropropene	75	6.841	6.834	0.007	96	18759	5.00	5.75	
84 Ethyl methacrylate	69	6.847	6.847	0.000	89	17317	5.00	5.60	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.993	6.993	0.000	96	10645	5.00	5.78	
86 Tetrachloroethene	166	7.030	7.023	0.007	95	13378	5.00	5.49	
87 1,3-Dichloropropane	76	7.133	7.133	0.000	93	18654	5.00	5.50	
88 2-Hexanone	43	7.158	7.158	0.000	97	41934	25.0	28.6	
89 n-Butyl acetate	73	7.225	7.219	0.007	99	3748	5.00	5.74	
90 Chlorodibromomethane	129	7.279	7.279	0.000	98	12817	5.00	5.63	
91 Ethylene Dibromide	107	7.377	7.377	0.000	97	11710	5.00	5.65	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	86	287650	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	95	37325	5.00	5.83	
94 Ethylbenzene	106	7.749	7.749	0.000	99	20429	5.00	5.77	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	95	13373	5.00	5.76	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	100	25794	5.00	5.82	
97 n-Butyl acrylate	73	8.054	8.054	0.000	97	11898	5.00	5.69	
98 o-Xylene	106	8.090	8.090	0.000	94	26370	5.00	5.86	
99 Styrene	104	8.109	8.109	0.000	94	46116	5.00	5.93	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	91	29663	5.00	5.43	
101 Bromoform	173	8.249	8.249	0.000	97	9099	5.00	5.38	
102 Isopropylbenzene	105	8.310	8.310	0.000	96	66819	5.00	5.66	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	96	142813	50.0	51.4	
104 Bromobenzene	156	8.523	8.523	0.000	98	18195	5.00	5.52	
105 1,1,2,2-Tetrachloroethane	83	8.529	8.529	0.000	99	18858	5.00	5.32	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	85639	5.00	5.47	
107 1,2,3-Trichloropropane	110	8.566	8.566	0.000	98	5485	5.00	5.69	
108 trans-1,4-Dichloro-2-buten	53	8.572	8.566	0.006	85	5060	5.00	5.26	
109 4-Ethyltoluene	105	8.621	8.615	0.006	98	74677	5.00	5.73	
110 2-Chlorotoluene	91	8.627	8.627	0.000	97	59999	5.00	5.65	
111 1,3,5-Trimethylbenzene	105	8.657	8.651	0.006	93	59850	5.00	5.54	
113 4-Chlorotoluene	91	8.694	8.688	0.006	96	54232	5.00	5.84	
112 Butyl Methacrylate	87	8.694	8.694	0.000	64	23242	5.00	5.54	
114 tert-Butylbenzene	119	8.834	8.834	0.000	95	47912	5.00	5.46	
115 1,2,4-Trimethylbenzene	105	8.871	8.871	0.000	98	63270	5.00	5.61	
116 sec-Butylbenzene	105	8.956	8.956	0.000	99	71650	5.00	5.45	
117 4-Isopropyltoluene	119	9.035	9.029	0.006	98	64194	5.00	5.57	
118 1,3-Dichlorobenzene	146	9.054	9.047	0.007	97	37575	5.00	5.81	
* 119 1,4-Dichlorobenzene-d4	152	9.090	9.090	0.000	95	186404	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.102	9.102	0.000	95	38525	5.00	5.93	
136 1,2,3-Trimethylbenzene	105	9.108	9.108	0.000	0	67279	5.00	5.90	
121 Benzyl chloride	91	9.188	9.182	0.006	98	39491	5.00	5.46	
122 2,3-Dihydroindene	117	9.230	9.230	0.000	93	73353	5.00	5.87	
123 p-Diethylbenzene	119	9.249	9.242	0.007	92	42420	5.00	5.92	
124 n-Butylbenzene	92	9.261	9.261	0.000	97	33921	5.00	5.77	
125 1,2-Dichlorobenzene	146	9.328	9.322	0.006	96	36004	5.00	5.87	
126 1,2,4,5-Tetramethylbenzene	119	9.724	9.718	0.006	97	64366	5.00	5.64	
127 1,2-Dibromo-3-Chloropropan	75	9.816	9.816	0.000	94	3259	5.00	5.00	
128 1,3,5-Trichlorobenzene	180	9.913	9.907	0.006	97	25952	5.00	5.59	
129 1,2,4-Trichlorobenzene	180	10.376	10.370	0.006	93	22448	5.00	5.28	
130 Hexachlorobutadiene	225	10.450	10.443	0.007	96	10313	5.00	5.24	
131 Naphthalene	128	10.590	10.590	0.000	99	50968	5.00	5.10	
132 1,2,3-Trichlorobenzene	180	10.797	10.791	0.006	96	18178	5.00	5.32	
S 133 1,2-Dichloroethene, Total	100				0		10.0	11.8	
S 134 Xylenes, Total	100				0		10.0	11.7	
S 135 Total BTEX	1				0		25.0	28.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00067	Amount Added:	4.00	Units: uL	
Ethanol mix_00003	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	1.00	Units: uL	
MIX I Hi_00076	Amount Added:	1.00	Units: uL	
GAS Hi_00212	Amount Added:	1.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

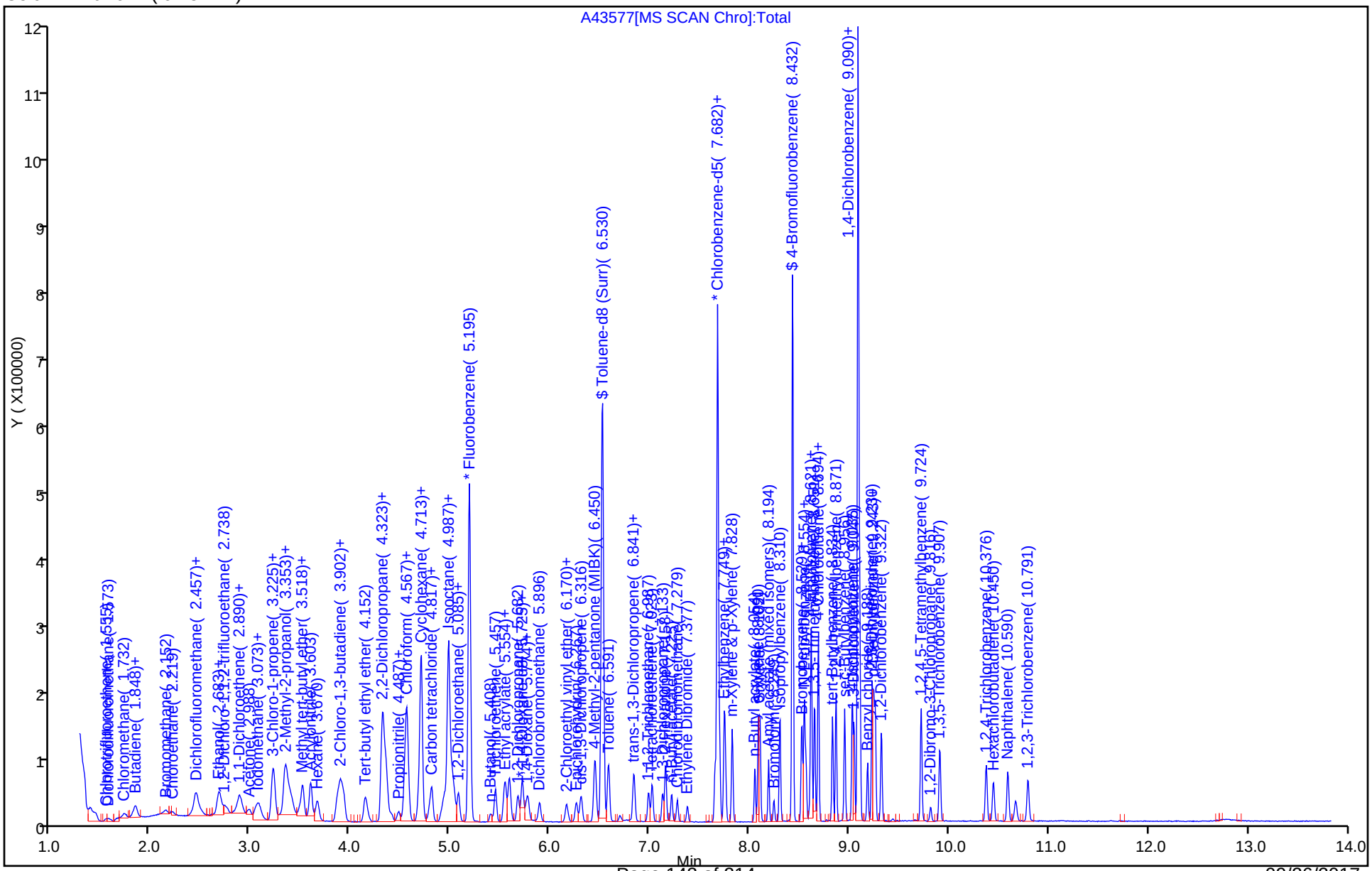
Report Date: 09-Aug-2017 10:27:38 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43577.D

Injection Date:	07-Aug-2017 07:23:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

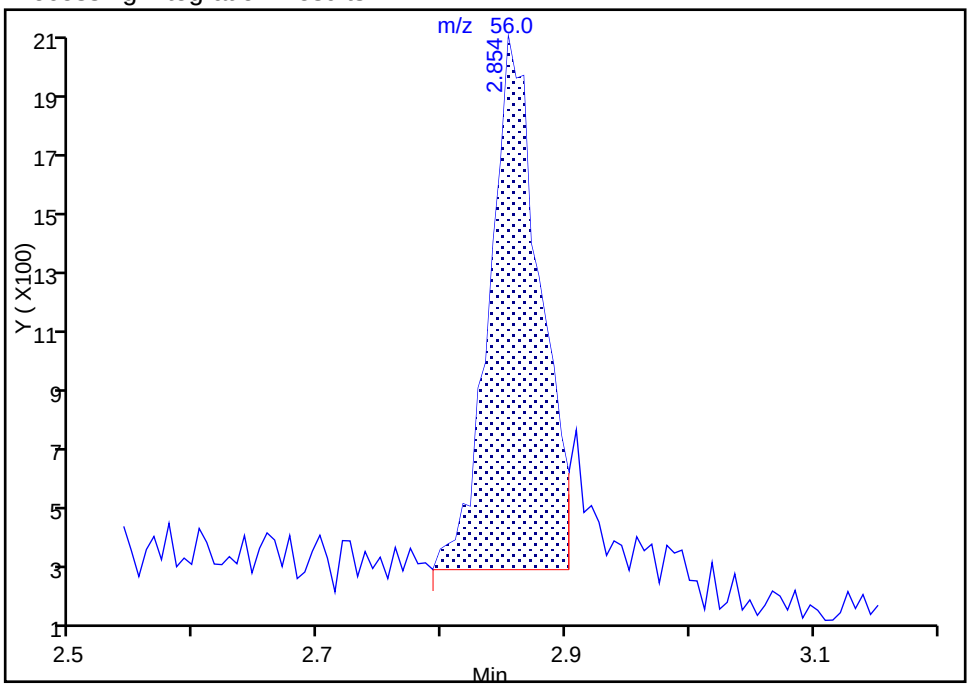
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43577.D
Injection Date: 07-Aug-2017 07:23:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

Signal: 1

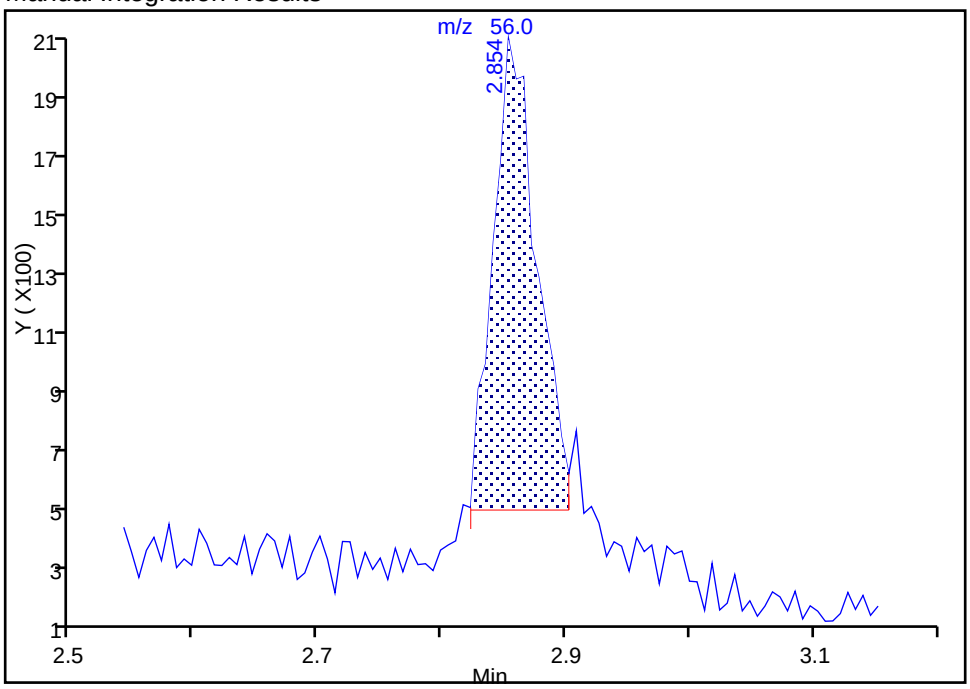
Processing Integration Results

RT: 2.85
Area: 5120
Amount: 11.147584
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 3902
Amount: 25.325200
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:20:30
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

TestAmerica Edison

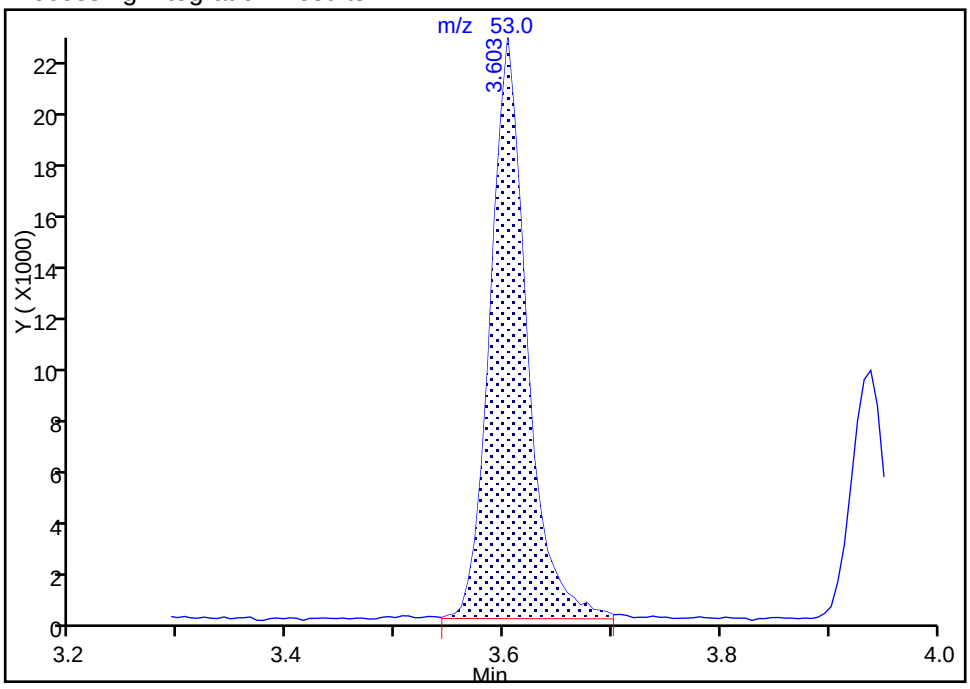
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43577.D
Injection Date: 07-Aug-2017 07:23:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Acrylonitrile, CAS: 107-13-1

Signal: 1

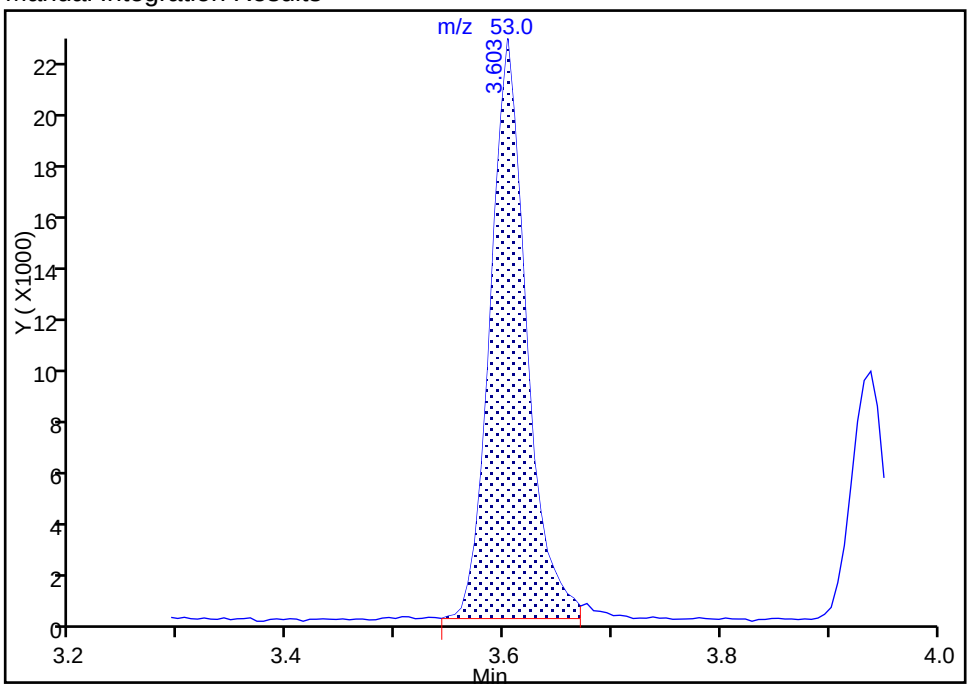
Processing Integration Results

RT: 3.60
Area: 52263
Amount: 56.993295
Amount Units: ug/l



Manual Integration Results

RT: 3.60
Area: 51350
Amount: 54.661120
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:25:55
Audit Action: Manually Integrated Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43578.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 07-Aug-2017 07:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0058730-006
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:40 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 09:48:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.543	1.543	0.000	88	5740	20.0	15.9	
3 Dichlorodifluoromethane	85	1.579	1.579	0.000	99	39408	20.0	16.8	
4 Chloromethane	50	1.732	1.732	0.000	99	46628	20.0	19.6	
5 Vinyl chloride	62	1.842	1.842	0.000	98	46541	20.0	19.7	
6 Butadiene	54	1.842	1.842	0.000	81	42415	20.0	18.9	
7 Bromomethane	94	2.140	2.140	0.000	98	28888	20.0	19.9	
8 Chloroethane	64	2.213	2.213	0.000	99	25980	20.0	20.1	
10 Dichlorofluoromethane	67	2.439	2.439	0.000	80	62073	20.0	20.1	
9 Trichlorofluoromethane	101	2.451	2.451	0.000	56	49593	20.0	19.6	
11 Pentane	72	2.451	2.451	0.000	95	12721	40.0	35.9	
12 Ethanol	46	2.658	2.658	0.000	77	8875	800.0	1115.1	
13 Ethyl ether	59	2.658	2.658	0.000	94	33207	20.0	18.6	
14 2-Methyl-1,3-butadiene	53	2.683	2.683	0.000	96	34360	20.0	19.3	
15 1,2-Dichloro-1,1,2-trifluo	117	2.738	2.738	0.000	94	29783	20.0	18.3	
16 Acrolein	56	2.847	2.847	0.000	93	8411	40.0	59.0	M
17 1,1,2-Trichloro-1,2,2-trif	101	2.872	2.872	0.000	97	35753	20.0	19.6	
18 1,1-Dichloroethene	96	2.884	2.884	0.000	99	38642	20.0	20.1	
19 Acetone	58	2.988	2.988	0.000	87	18111	100.0	81.3	
20 Iodomethane	142	3.042	3.042	0.000	98	70352	20.0	19.3	
21 Carbon disulfide	76	3.073	3.073	0.000	100	141439	20.0	18.9	
22 Isopropyl alcohol	45	3.079	3.079	0.000	59	24126	200.0	186.3	
23 3-Chloro-1-propene	76	3.207	3.207	0.000	94	29271	20.0	19.7	
25 Cyclopentene	67	3.225	3.225	0.000	91	112354	20.0	20.1	
24 Methyl acetate	43	3.225	3.225	0.000	99	159607	100.0	99.0	
26 Acetonitrile	41	3.292	3.292	0.000	99	63792	200.0	215.2	
27 Methylene Chloride	84	3.341	3.341	0.000	92	48647	20.0	19.7	
* 28 TBA-d9 (IS)	65	3.347	3.347	0.000	95	179319	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.427	3.427	0.000	93	45969	200.0	189.2	
30 Methyl tert-butyl ether	73	3.494	3.494	0.000	97	120820	20.0	19.6	
31 trans-1,2-Dichloroethene	96	3.518	3.518	0.000	95	47386	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.597	3.597	0.000	95	182769	200.0	206.6	
33 Hexane	43	3.664	3.664	0.000	93	39740	20.0	20.2	
34 Isopropyl ether	45	3.865	3.865	0.000	96	148911	20.0	19.9	
35 1,1-Dichloroethane	63	3.890	3.890	0.000	99	82852	20.0	19.7	
36 Vinyl acetate	86	3.914	3.914	0.000	100	18241	40.0	37.4	
37 2-Chloro-1,3-butadiene	88	3.933	3.933	0.000	90	42694	20.0	19.6	
38 Tert-butyl ethyl ether	59	4.146	4.146	0.000	89	137970	20.0	19.8	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	98	201142	250.0	250.0	
41 cis-1,2-Dichloroethene	96	4.347	4.347	0.000	96	54803	20.0	19.7	
40 2,2-Dichloropropane	97	4.347	4.347	0.000	81	15751	20.0	17.9	
42 Ethyl acetate	70	4.365	4.365	0.000	95	8021	40.0	36.3	
43 2-Butanone (MEK)	72	4.371	4.371	0.000	96	23475	100.0	93.4	
44 Methyl acrylate	55	4.408	4.408	0.000	80	36652	20.0	18.3	
45 Propionitrile	54	4.481	4.481	0.000	99	62923	200.0	190.7	
46 Chlorobromomethane	128	4.536	4.536	0.000	84	25347	20.0	19.8	
47 Tetrahydrofuran	72	4.536	4.536	0.000	59	11695	40.0	40.8	
48 Methacrylonitrile	67	4.560	4.560	0.000	93	179405	200.0	192.1	
49 Chloroform	83	4.579	4.579	0.000	99	79993	20.0	19.9	
50 Cyclohexane	56	4.689	4.689	0.000	92	83175	20.0	20.4	
51 1,1,1-Trichloroethane	97	4.701	4.701	0.000	96	62024	20.0	19.6	
$ 52 Dibromofluoromethane (Surr	113	4.707	4.707	0.000	97	108110	50.0	52.4	
54 Carbon tetrachloride	117	4.798	4.798	0.000	98	52845	20.0	19.3	
55 1,1-Dichloropropene	75	4.817	4.817	0.000	98	60421	20.0	19.3	
56 Isobutyl alcohol	43	4.920	4.920	0.000	90	66772	500.0	456.3	
57 Isooctane	57	4.945	4.945	0.000	97	137505	20.0	20.6	
58 Benzene	78	4.975	4.975	0.000	95	177968	20.0	20.0	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	97	112930	50.0	50.0	
60 Isopropyl acetate	43	5.012	5.012	0.000	94	137222	20.0	20.0	
61 Tert-amyl methyl ether	73	5.018	5.018	0.000	88	162310	20.0	20.2	
62 1,2-Dichloroethane	62	5.042	5.042	0.000	96	54445	20.0	19.6	
63 n-Heptane	71	5.085	5.085	0.000	92	38825	20.0	19.1	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	388992	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	89	28476	500.0	454.1	
66 Trichloroethene	95	5.457	5.457	0.000	98	43567	20.0	18.4	
67 Ethyl acrylate	56	5.548	5.548	0.000	97	29183	20.0	20.4	
68 Methylcyclohexane	83	5.554	5.554	0.000	95	80008	20.0	20.4	
69 1,2-Dichloropropane	63	5.676	5.676	0.000	94	46011	20.0	19.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	34	19242	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	88	21597	40.0	36.2	
72 n-Propyl acetate	43	5.768	5.768	0.000	98	55717	20.0	18.4	
73 1,4-Dioxane	88	5.768	5.768	0.000	30	9564	400.0	417.1	
74 Dibromomethane	93	5.780	5.780	0.000	97	27479	20.0	18.8	
75 Dichlorobromomethane	83	5.896	5.896	0.000	99	54173	20.0	18.4	
76 2-Chloroethyl vinyl ether	63	6.164	6.164	0.000	85	24726	20.0	18.3	
77 2-Nitropropane	41	6.170	6.170	0.000	84	19608	40.0	35.9	
78 Epichlorohydrin	57	6.261	6.261	0.000	97	83109	400.0	403.3	
79 cis-1,3-Dichloropropene	75	6.310	6.310	0.000	90	65822	20.0	18.8	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	96	215371	100.0	100.7	
$ 81 Toluene-d8 (Surr)	98	6.530	6.530	0.000	99	373342	50.0	51.3	
82 Toluene	91	6.591	6.591	0.000	93	180196	20.0	19.2	
83 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	56216	20.0	18.7	
84 Ethyl methacrylate	69	6.847	6.847	0.000	87	57168	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 1,1,2-Trichloroethane	83	6.993	6.993	0.000	97	32883	20.0	19.3	
86 Tetrachloroethene	166	7.023	7.023	0.000	97	43792	20.0	19.5	
87 1,3-Dichloropropane	76	7.133	7.133	0.000	94	59826	20.0	19.1	
88 2-Hexanone	43	7.158	7.158	0.000	96	134699	100.0	97.6	
89 n-Butyl acetate	73	7.219	7.219	0.000	99	11882	20.0	19.7	
90 Chlorodibromomethane	129	7.279	7.279	0.000	99	40064	20.0	19.1	
91 Ethylene Dibromide	107	7.377	7.377	0.000	98	36493	20.0	19.1	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	86	265745	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	95	113019	20.0	19.1	
94 Ethylbenzene	106	7.749	7.749	0.000	98	64288	20.0	19.7	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	43571	20.0	20.3	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	99	81517	20.0	19.9	
97 n-Butyl acrylate	73	8.054	8.054	0.000	97	37741	20.0	19.5	
98 o-Xylene	106	8.090	8.090	0.000	94	84343	20.0	20.3	
99 Styrene	104	8.109	8.109	0.000	94	144856	20.0	20.2	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	91	96871	20.0	18.2	
101 Bromoform	173	8.249	8.249	0.000	98	30941	20.0	19.8	
102 Isopropylbenzene	105	8.310	8.310	0.000	96	224220	20.0	20.6	
$ 103 4-Bromofluorobenzene	174	8.432	8.432	0.000	90	135322	50.0	52.7	
104 Bromobenzene	156	8.523	8.523	0.000	99	57400	20.0	17.9	
105 1,1,2,2-Tetrachloroethane	83	8.529	8.529	0.000	99	63406	20.0	18.3	
106 N-Propylbenzene	91	8.548	8.548	0.000	99	277295	20.0	18.2	
108 trans-1,4-Dichloro-2-buten	53	8.566	8.566	0.000	76	16142	20.0	17.2	
107 1,2,3-Trichloropropane	110	8.566	8.566	0.000	98	17002	20.0	18.1	
109 4-Ethyltoluene	105	8.615	8.615	0.000	98	235892	20.0	18.6	
110 2-Chlorotoluene	91	8.627	8.627	0.000	97	195662	20.0	18.9	
111 1,3,5-Trimethylbenzene	105	8.651	8.651	0.000	93	200297	20.0	19.0	
113 4-Chlorotoluene	91	8.688	8.688	0.000	98	170552	20.0	18.9	
112 Butyl Methacrylate	87	8.694	8.694	0.000	90	78321	20.0	19.2	
114 tert-Butylbenzene	119	8.834	8.834	0.000	95	156780	20.0	18.3	
115 1,2,4-Trimethylbenzene	105	8.871	8.871	0.000	97	211653	20.0	19.3	
116 sec-Butylbenzene	105	8.956	8.956	0.000	99	240819	20.0	18.8	
117 4-Isopropyltoluene	119	9.029	9.029	0.000	98	210542	20.0	18.8	
118 1,3-Dichlorobenzene	146	9.047	9.047	0.000	97	122531	20.0	19.5	
* 119 1,4-Dichlorobenzene-d4	152	9.090	9.090	0.000	95	181571	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.102	9.102	0.000	94	122945	20.0	19.4	
136 1,2,3-Trimethylbenzene	105	9.108	9.108	0.000	0	221733	20.0	19.9	
121 Benzyl chloride	91	9.182	9.182	0.000	98	136136	20.0	19.3	
122 2,3-Dihydroindene	117	9.230	9.230	0.000	94	243264	20.0	20.0	
123 p-Diethylbenzene	119	9.242	9.242	0.000	93	141224	20.0	20.2	
124 n-Butylbenzene	92	9.261	9.261	0.000	96	113792	20.0	19.9	
125 1,2-Dichlorobenzene	146	9.322	9.322	0.000	96	119951	20.0	20.1	
126 1,2,4,5-Tetramethylbenzene	119	9.718	9.718	0.000	98	212606	20.0	19.1	
127 1,2-Dibromo-3-Chloropropan	75	9.816	9.816	0.000	97	11620	20.0	18.3	
128 1,3,5-Trichlorobenzene	180	9.907	9.907	0.000	97	87084	20.0	19.3	
129 1,2,4-Trichlorobenzene	180	10.370	10.370	0.000	94	76869	20.0	18.5	
130 Hexachlorobutadiene	225	10.443	10.443	0.000	97	35842	20.0	18.7	
131 Naphthalene	128	10.590	10.590	0.000	99	178785	20.0	18.3	
132 1,2,3-Trichlorobenzene	180	10.791	10.791	0.000	96	63137	20.0	19.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 134 Xylenes, Total	100				0		40.0	40.2	
S 135 Total BTEX	1				0		100.0	99.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00067	Amount Added:	4.00	Units: uL	
Ethanol mix_00003	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	2.00	Units: uL	
MIX I Hi_00076	Amount Added:	2.00	Units: uL	
GAS Hi_00212	Amount Added:	2.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

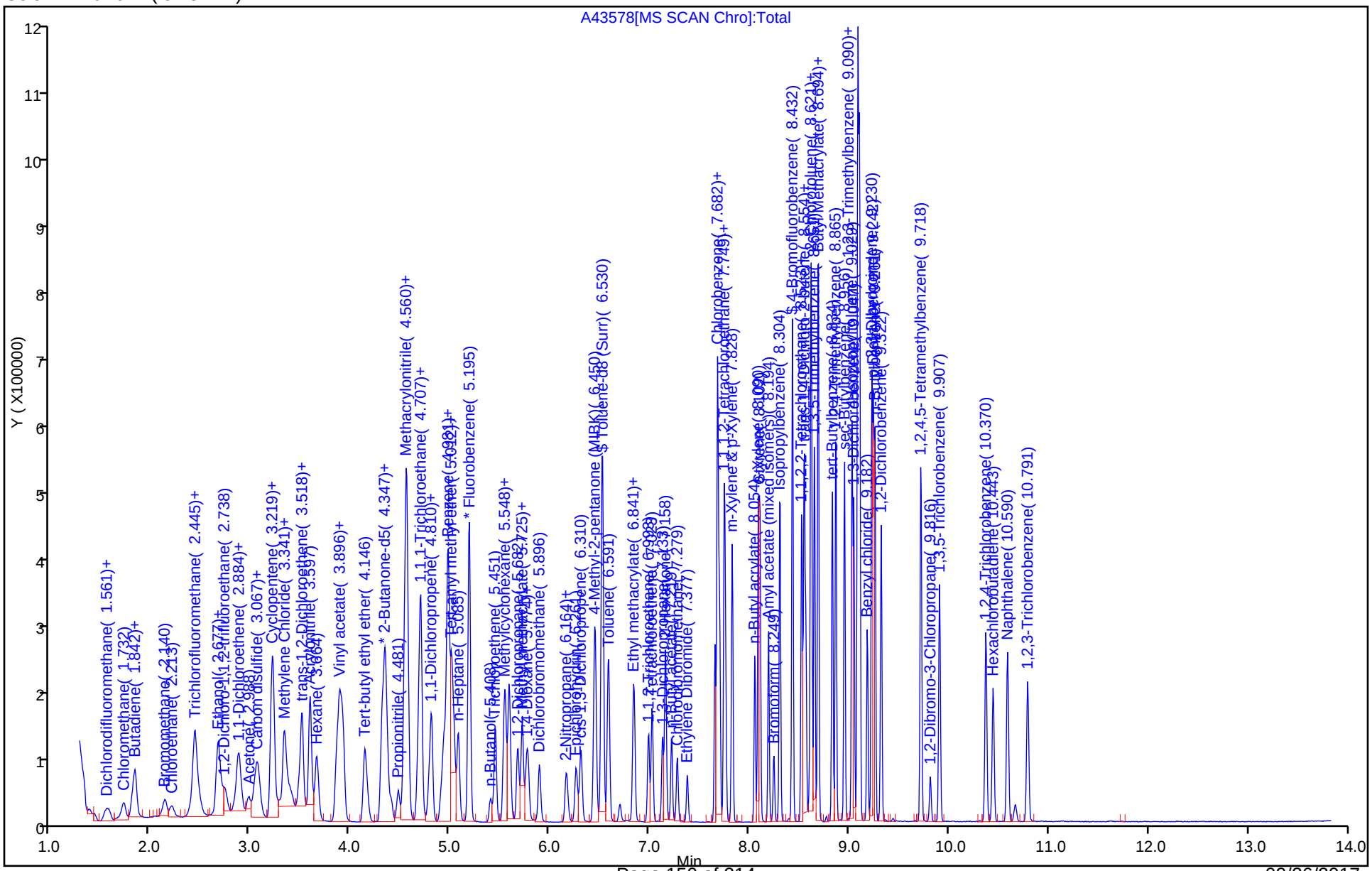
Report Date: 09-Aug-2017 10:27:43 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43578.D

Injection Date:	07-Aug-2017 07:46:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD20			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

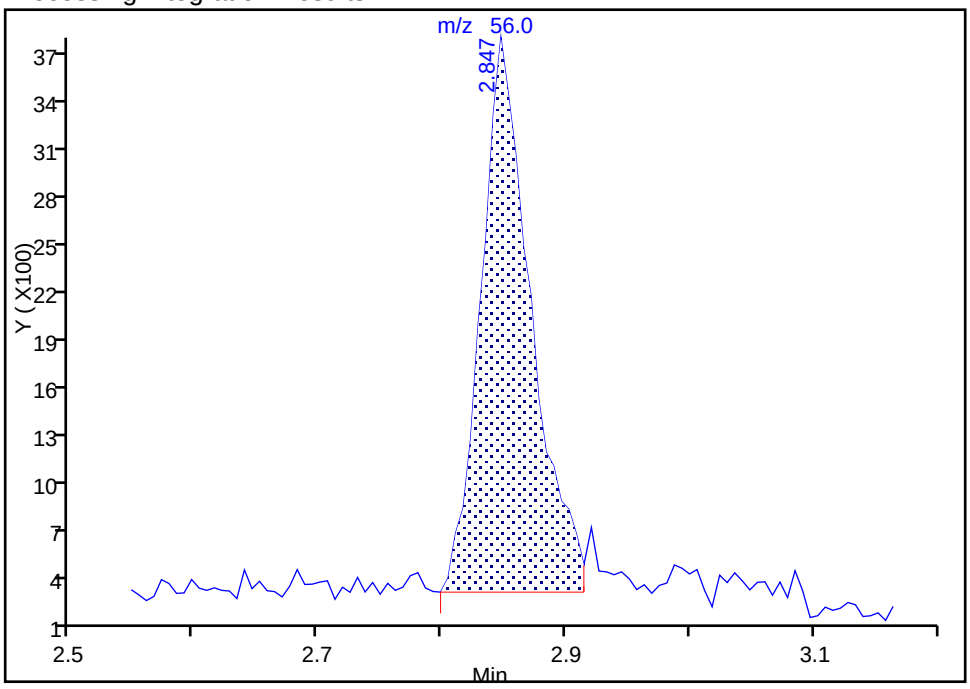
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43578.D
Injection Date: 07-Aug-2017 07:46:30 Instrument ID: CVOAMS1
Lims ID: STD20
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

Signal: 1

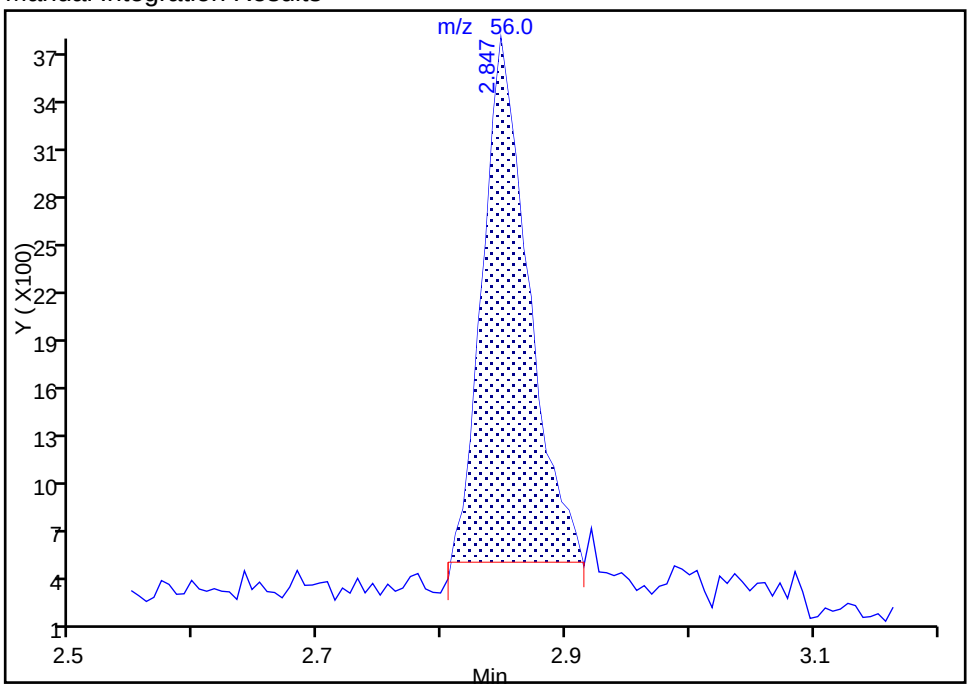
Processing Integration Results

RT: 2.85
Area: 9751
Amount: 59.979065
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 8411
Amount: 59.044232
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:21:09
Audit Action: Manually Integrated Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43579.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Aug-2017 08:09:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0058730-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:47 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 10:59:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.555	1.543	0.012	88	20916	50.0	54.3	
3 Dichlorodifluoromethane	85	1.579	1.579	0.000	100	122580	50.0	49.2	
4 Chloromethane	50	1.738	1.732	0.006	99	115954	50.0	45.9	
6 Butadiene	54	1.847	1.842	0.005	99	109512	50.0	45.7	
5 Vinyl chloride	62	1.854	1.842	0.012	98	116604	50.0	46.4	
7 Bromomethane	94	2.152	2.140	0.012	99	70738	50.0	45.7	
8 Chloroethane	64	2.219	2.213	0.006	99	63124	50.0	45.9	
10 Dichlorofluoromethane	67	2.445	2.439	0.006	99	152601	50.0	46.5	
11 Pentane	72	2.457	2.451	0.006	97	36638	100.0	97.3	
9 Trichlorofluoromethane	101	2.451	2.451	0.000	58	126777	50.0	47.1	
13 Ethyl ether	59	2.664	2.658	0.006	94	89376	50.0	47.1	
12 Ethanol	46	2.664	2.658	0.006	75	17398	2000.0	2066.9	
14 2-Methyl-1,3-butadiene	53	2.689	2.683	0.006	95	91734	50.0	48.4	
15 1,2-Dichloro-1,1,2-trifluo	117	2.744	2.738	0.006	95	79517	50.0	46.0	
16 Acrolein	56	2.853	2.847	0.006	93	14047	100.0	94.4	M
17 1,1,2-Trichloro-1,2,2-trif	101	2.884	2.872	0.012	96	100496	50.0	51.7	
18 1,1-Dichloroethene	96	2.890	2.884	0.006	99	98788	50.0	48.2	
19 Acetone	58	2.988	2.988	0.000	87	58842	250.0	239.2	
20 Iodomethane	142	3.048	3.042	0.006	97	191683	50.0	49.3	
21 Carbon disulfide	76	3.079	3.073	0.006	99	384263	50.0	48.2	
22 Isopropyl alcohol	45	3.097	3.079	0.018	1	63728	500.0	464.1	
23 3-Chloro-1-propene	76	3.213	3.207	0.006	90	76457	50.0	48.3	
24 Methyl acetate	43	3.231	3.225	0.006	99	423593	250.0	246.7	
25 Cyclopentene	67	3.231	3.225	0.006	91	286530	50.0	48.2	
26 Acetonitrile	41	3.292	3.292	0.000	97	155879	500.0	495.9	
27 Methylene Chloride	84	3.347	3.341	0.006	93	127553	50.0	48.6	
* 28 TBA-d9 (IS)	65	3.353	3.347	0.006	64	190109	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.420	3.427	-0.007	91	117559	500.0	456.3	
30 Methyl tert-butyl ether	73	3.506	3.494	0.012	97	313705	50.0	47.9	
31 trans-1,2-Dichloroethene	96	3.524	3.518	0.006	96	123555	50.0	47.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.597	3.597	0.000	94	475506	500.0	506.7	
33 Hexane	43	3.670	3.664	0.006	93	107120	50.0	51.2	
34 Isopropyl ether	45	3.871	3.865	0.006	96	378329	50.0	47.4	
35 1,1-Dichloroethane	63	3.896	3.890	0.006	99	215853	50.0	48.2	
36 Vinyl acetate	86	3.914	3.914	0.000	100	49873	100.0	96.1	
37 2-Chloro-1,3-butadiene	88	3.932	3.933	-0.001	90	108508	50.0	46.8	
38 Tert-butyl ethyl ether	59	4.152	4.146	0.006	89	350548	50.0	47.3	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	98	222231	250.0	250.0	
40 2,2-Dichloropropane	97	4.347	4.347	0.000	86	40804	50.0	43.5	
41 cis-1,2-Dichloroethene	96	4.353	4.347	0.006	96	140796	50.0	47.6	
42 Ethyl acetate	70	4.365	4.365	0.000	93	23773	100.0	100.2	
43 2-Butanone (MEK)	72	4.365	4.371	-0.006	96	66226	250.0	238.4	
44 Methyl acrylate	55	4.414	4.408	0.006	82	99311	50.0	46.6	
45 Propionitrile	54	4.481	4.481	0.000	98	170352	500.0	485.0	
47 Tetrahydrofuran	72	4.536	4.536	0.000	61	29611	100.0	93.5	
46 Chlorobromomethane	128	4.542	4.536	0.006	85	64365	50.0	47.3	
48 Methacrylonitrile	67	4.560	4.560	0.000	92	482694	500.0	485.6	
49 Chloroform	83	4.585	4.579	0.006	99	204942	50.0	47.8	
50 Cyclohexane	56	4.688	4.689	0.000	93	219026	50.0	50.6	
51 1,1,1-Trichloroethane	97	4.701	4.701	0.000	98	162061	50.0	48.1	
$ 52 Dibromofluoromethane (Surr	113	4.707	4.707	0.000	98	110781	50.0	50.5	
54 Carbon tetrachloride	117	4.798	4.798	0.000	99	138629	50.0	47.7	
55 1,1-Dichloropropene	75	4.816	4.817	-0.001	98	157183	50.0	47.2	
56 Isobutyl alcohol	43	4.914	4.920	-0.006	94	191060	1250.0	1231.6	
57 Isooctane	57	4.944	4.945	-0.001	95	343272	50.0	48.4	
58 Benzene	78	4.975	4.975	0.000	98	467562	50.0	48.6	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	96	118763	50.0	49.4	
60 Isopropyl acetate	43	5.018	5.012	0.006	97	361347	50.0	49.6	
61 Tert-amyl methyl ether	73	5.018	5.018	0.000	90	417645	50.0	48.8	
62 1,2-Dichloroethane	62	5.042	5.042	0.000	96	141320	50.0	47.7	
63 n-Heptane	71	5.085	5.085	0.000	92	108550	50.0	50.2	
* 64 Fluorobenzene	96	5.194	5.195	0.000	99	414028	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	88	79231	1250.0	1191.8	
66 Trichloroethene	95	5.457	5.457	0.000	99	117569	50.0	46.7	
67 Ethyl acrylate	56	5.548	5.548	0.000	99	76228	50.0	50.2	
68 Methylcyclohexane	83	5.554	5.554	0.000	94	208554	50.0	49.9	
69 1,2-Dichloropropane	63	5.682	5.676	0.006	93	119896	50.0	46.5	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	33	20936	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	87	59299	100.0	93.3	
73 1,4-Dioxane	88	5.761	5.768	-0.007	28	24332	1000.0	975.4	
72 n-Propyl acetate	43	5.767	5.768	-0.001	98	153266	50.0	47.5	
74 Dibromomethane	93	5.780	5.780	0.000	97	73121	50.0	47.1	
75 Dichlorobromomethane	83	5.895	5.896	-0.001	100	145350	50.0	46.5	
76 2-Chloroethyl vinyl ether	63	6.164	6.164	0.000	97	69195	50.0	48.2	
77 2-Nitropropane	41	6.176	6.170	0.006	97	52029	100.0	89.4	
78 Epichlorohydrin	57	6.267	6.261	0.006	98	218664	1000.0	960.3	
79 cis-1,3-Dichloropropene	75	6.316	6.310	0.006	92	183622	50.0	48.4	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	97	582241	250.0	246.3	
$ 81 Toluene-d8 (Surr)	98	6.530	6.530	0.000	99	399995	50.0	50.8	
82 Toluene	91	6.590	6.591	-0.001	93	479756	50.0	47.2	
83 trans-1,3-Dichloropropene	75	6.840	6.834	0.006	97	158893	50.0	48.7	
84 Ethyl methacrylate	69	6.847	6.847	0.000	86	151437	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.993	6.993	0.000	97	86201	50.0	46.9	
86 Tetrachloroethene	166	7.029	7.023	0.006	97	117639	50.0	48.3	
87 1,3-Dichloropropane	76	7.133	7.133	0.000	95	164538	50.0	48.6	
88 2-Hexanone	43	7.157	7.158	-0.001	96	370876	250.0	243.2	
89 n-Butyl acetate	73	7.218	7.219	0.000	99	29982	50.0	45.9	
90 Chlorodibromomethane	129	7.279	7.279	0.000	98	111209	50.0	48.9	
91 Ethylene Dibromide	107	7.377	7.377	0.000	98	101021	50.0	48.8	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	85	287506	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	94	308847	50.0	48.2	
94 Ethylbenzene	106	7.749	7.749	0.000	98	170548	50.0	48.2	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	115890	50.0	49.9	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	99	217024	50.0	49.0	
97 n-Butyl acrylate	73	8.060	8.054	0.006	98	100129	50.0	47.9	
98 o-Xylene	106	8.090	8.090	0.000	94	219500	50.0	48.8	
99 Styrene	104	8.108	8.109	-0.001	93	379536	50.0	48.8	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	91	250738	50.0	45.6	
101 Bromoform	173	8.249	8.249	0.000	98	85005	50.0	50.2	
102 Isopropylbenzene	105	8.310	8.310	0.000	96	591432	50.0	50.1	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	92	141260	50.0	50.8	
104 Bromobenzene	156	8.529	8.523	0.006	98	149517	50.0	45.0	
105 1,1,2,2-Tetrachloroethane	83	8.535	8.529	0.006	99	168758	50.0	47.2	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	729226	50.0	46.3	
107 1,2,3-Trichloropropane	110	8.572	8.566	0.006	95	44745	50.0	46.1	
108 trans-1,4-Dichloro-2-buten	53	8.572	8.566	0.006	76	44032	50.0	45.5	
109 4-Ethyltoluene	105	8.621	8.615	0.006	98	604809	50.0	46.1	
110 2-Chlorotoluene	91	8.627	8.627	0.000	96	509726	50.0	47.6	
111 1,3,5-Trimethylbenzene	105	8.657	8.651	0.006	93	521822	50.0	48.0	
113 4-Chlorotoluene	91	8.694	8.688	0.006	96	450589	50.0	48.2	
112 Butyl Methacrylate	87	8.700	8.694	0.006	71	207377	50.0	49.1	
114 tert-Butylbenzene	119	8.840	8.834	0.006	94	422479	50.0	47.8	
115 1,2,4-Trimethylbenzene	105	8.877	8.871	0.006	97	549674	50.0	48.4	
116 sec-Butylbenzene	105	8.962	8.956	0.006	99	637581	50.0	48.2	
117 4-Isopropyltoluene	119	9.041	9.029	0.012	98	559060	50.0	48.1	
118 1,3-Dichlorobenzene	146	9.060	9.047	0.013	97	315207	50.0	48.4	
* 119 1,4-Dichlorobenzene-d4	152	9.096	9.090	0.006	97	187763	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.108	9.102	0.006	94	323363	50.0	49.4	
136 1,2,3-Trimethylbenzene	105	9.114	9.108	0.006	0	564232	50.0	49.1	
121 Benzyl chloride	91	9.194	9.182	0.012	99	359073	50.0	49.3	
122 2,3-Dihydroindene	117	9.236	9.230	0.006	94	615359	50.0	48.9	
123 p-Diethylbenzene	119	9.255	9.242	0.013	92	357275	50.0	49.5	
124 n-Butylbenzene	92	9.267	9.261	0.006	98	295655	50.0	49.9	
125 1,2-Dichlorobenzene	146	9.334	9.322	0.012	96	310273	50.0	50.2	
126 1,2,4,5-Tetramethylbenzene	119	9.730	9.718	0.012	97	539363	50.0	46.9	
127 1,2-Dibromo-3-Chloropropan	75	9.828	9.816	0.012	95	30429	50.0	46.3	
128 1,3,5-Trichlorobenzene	180	9.919	9.907	0.012	98	221915	50.0	47.5	
129 1,2,4-Trichlorobenzene	180	10.382	10.370	0.012	94	202323	50.0	47.2	
130 Hexachlorobutadiene	225	10.456	10.443	0.013	97	93745	50.0	47.3	
131 Naphthalene	128	10.602	10.590	0.012	99	481225	50.0	47.8	
132 1,2,3-Trichlorobenzene	180	10.803	10.791	0.012	96	165040	50.0	47.9	
S 133 1,2-Dichloroethene, Total	100				0		100.0	95.5	
S 134 Xylenes, Total	100				0		100.0	97.8	
S 135 Total BTEX	1				0		250.0	241.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00067	Amount Added:	10.00	Units: uL	
Ethanol mix_00003	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	5.00	Units: uL	
MIX I Hi_00076	Amount Added:	5.00	Units: uL	
GAS Hi_00212	Amount Added:	5.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

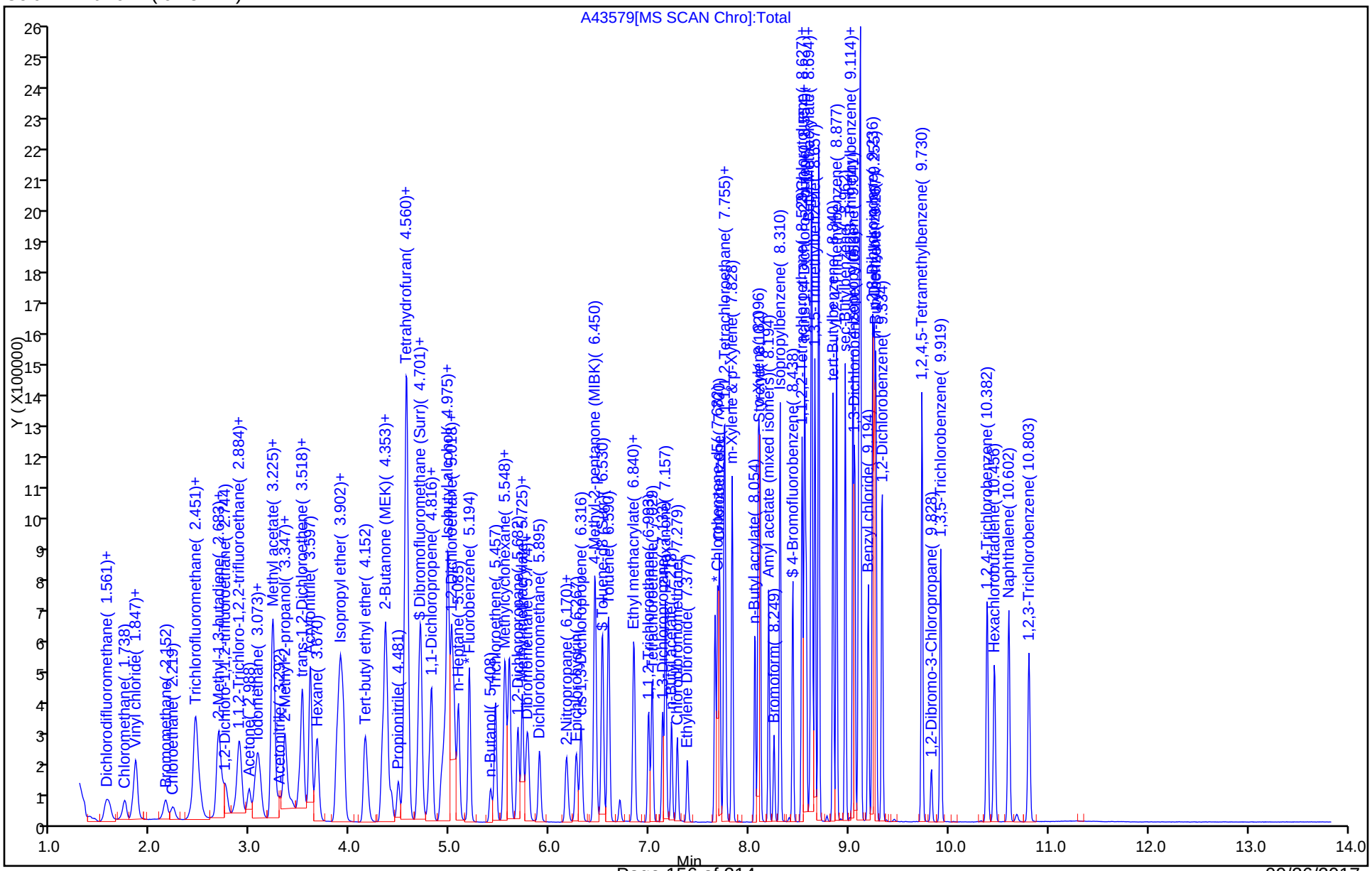
Report Date: 09-Aug-2017 10:27:48 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43579.D

Injection Date:	07-Aug-2017 08:09:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

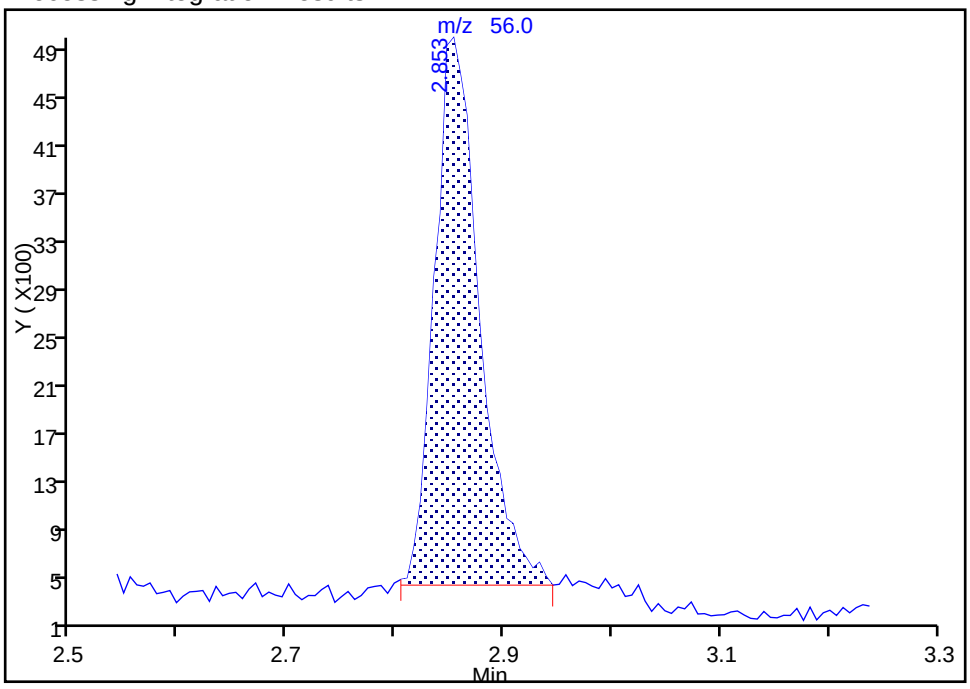
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43579.D
Injection Date: 07-Aug-2017 08:09:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Acrolein, CAS: 107-02-8

Signal: 1

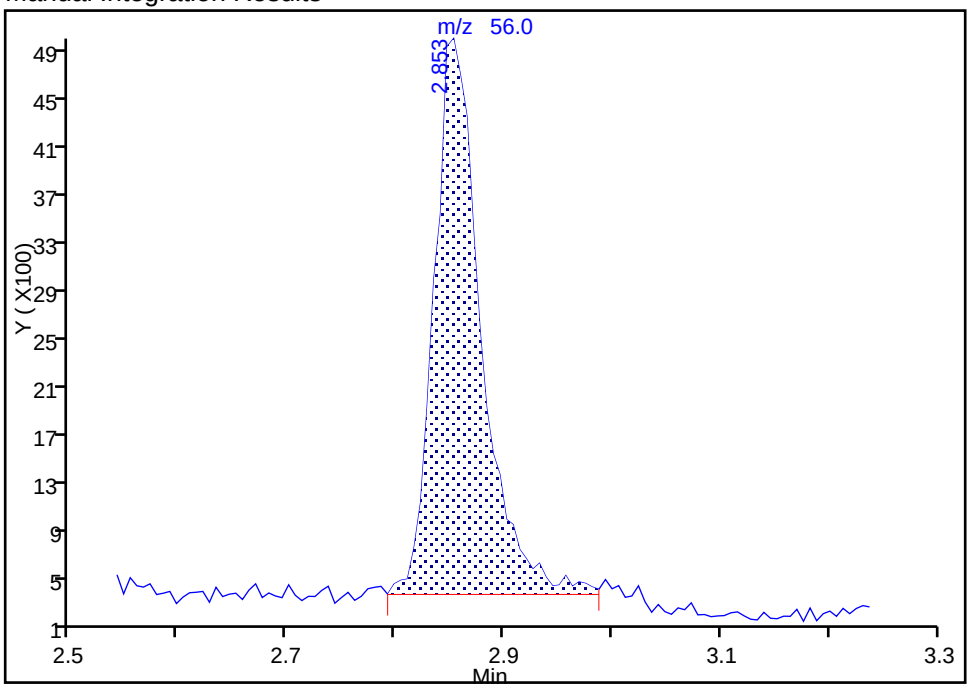
Processing Integration Results

RT: 2.85
Area: 13182
Amount: 92.947772
Amount Units: ug/l



Manual Integration Results

RT: 2.85
Area: 14047
Amount: 94.416347
Amount Units: ug/l



Reviewer: delpolitov, 09-Aug-2017 09:14:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43580.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-Aug-2017 08:31:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0058730-008
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:51 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 10:59:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.555	1.543	0.012	88	95889	200.0	234.6	
3 Dichlorodifluoromethane	85	1.586	1.579	0.007	100	589766	200.0	222.9	
4 Chloromethane	50	1.750	1.732	0.018	100	552389	200.0	205.9	
5 Vinyl chloride	62	1.860	1.842	0.018	98	549136	200.0	205.8	
6 Butadiene	54	1.860	1.842	0.018	85	525574	200.0	206.8	
7 Bromomethane	94	2.159	2.140	0.019	99	327237	200.0	199.4	
8 Chloroethane	64	2.232	2.213	0.019	99	294723	200.0	201.9	
10 Dichlorofluoromethane	67	2.445	2.439	0.006	99	704512	200.0	202.5	
9 Trichlorofluoromethane	101	2.457	2.451	0.006	100	600182	200.0	210.4	
11 Pentane	72	2.463	2.451	0.012	95	154007	400.0	385.3	
12 Ethanol	46	2.677	2.658	0.019	71	63593	8000.0	7914.4	
13 Ethyl ether	59	2.671	2.658	0.013	95	370134	200.0	183.7	
14 2-Methyl-1,3-butadiene	53	2.689	2.683	0.006	97	389497	200.0	193.5	
15 1,2-Dichloro-1,1,2-trifluo	117	2.756	2.738	0.018	95	339067	200.0	184.7	
16 Acrolein	56	2.860	2.847	0.013	92	26976	200.0	195.5	
17 1,1,2-Trichloro-1,2,2-trif	101	2.884	2.872	0.012	97	429562	200.0	208.2	
18 1,1-Dichloroethene	96	2.896	2.884	0.012	99	422373	200.0	194.4	
19 Acetone	58	2.988	2.988	0.000	87	217028	1000.0	839.2	
20 Iodomethane	142	3.055	3.042	0.013	98	796851	200.0	193.1	
21 Carbon disulfide	76	3.085	3.073	0.012	99	1648450	200.0	194.7	
22 Isopropyl alcohol	45	3.098	3.079	0.019	58	245225	2000.0	1842.7	
23 3-Chloro-1-propene	76	3.219	3.207	0.012	93	317546	200.0	189.0	
25 Cyclopentene	67	3.232	3.225	0.007	92	1226766	200.0	194.5	
24 Methyl acetate	43	3.232	3.225	0.007	99	1779044	1000.0	976.6	
26 Acetonitrile	41	3.299	3.292	0.007	99	683223	2000.0	2242.9	
27 Methylene Chloride	84	3.354	3.341	0.013	92	522490	200.0	187.5	
* 28 TBA-d9 (IS)	65	3.360	3.347	0.013	32	184242	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.427	3.427	0.000	93	479306	2000.0	1919.7	
30 Methyl tert-butyl ether	73	3.506	3.494	0.012	97	1312895	200.0	188.8	
31 trans-1,2-Dichloroethene	96	3.524	3.518	0.006	95	514812	200.0	188.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.604	3.597	0.007	94	1955763	2000.0	1967.8	
33 Hexane	43	3.671	3.664	0.007	93	453462	200.0	204.3	
34 Isopropyl ether	45	3.878	3.865	0.013	95	1541649	200.0	182.0	
35 1,1-Dichloroethane	63	3.896	3.890	0.006	99	896979	200.0	188.9	
36 Vinyl acetate	86	3.914	3.914	0.000	100	221542	400.0	402.4	
37 2-Chloro-1,3-butadiene	88	3.939	3.933	0.006	90	455629	200.0	185.3	
38 Tert-butyl ethyl ether	59	4.158	4.146	0.012	88	1438988	200.0	183.0	
* 39 2-Butanone-d5	46	4.329	4.323	0.006	95	233650	250.0	250.0	
41 cis-1,2-Dichloroethene	96	4.353	4.347	0.006	96	591764	200.0	188.4	
40 2,2-Dichloropropane	97	4.347	4.347	0.000	92	170788	200.0	171.6	
42 Ethyl acetate	70	4.372	4.365	0.007	95	99330	400.0	403.9	
43 2-Butanone (MEK)	72	4.372	4.371	0.001	96	279735	1000.0	957.7	
44 Methyl acrylate	55	4.414	4.408	0.006	93	426106	200.0	188.5	
45 Propionitrile	54	4.487	4.481	0.006	98	689781	2000.0	1850.7	
46 Chlorobromomethane	128	4.542	4.536	0.006	92	270811	200.0	187.7	
47 Tetrahydrofuran	72	4.542	4.536	0.006	76	125705	400.0	377.3	
48 Methacrylonitrile	67	4.567	4.560	0.007	92	2024259	2000.0	1919.2	
49 Chloroform	83	4.585	4.579	0.006	99	865324	200.0	190.4	
50 Cyclohexane	56	4.695	4.689	0.007	93	925118	200.0	201.3	
51 1,1,1-Trichloroethane	97	4.707	4.701	0.006	98	693321	200.0	193.8	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.707	0.006	98	115140	50.0	49.4	
54 Carbon tetrachloride	117	4.798	4.798	0.000	99	608747	200.0	197.2	
55 1,1-Dichloropropene	75	4.823	4.817	0.006	98	687108	200.0	194.6	
56 Isobutyl alcohol	43	4.920	4.920	0.000	96	770527	5000.0	5125.1	
57 Isooctane	57	4.957	4.945	0.012	95	1469036	200.0	195.0	
58 Benzene	78	4.975	4.975	0.000	96	2021254	200.0	195.1	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	94	130000	50.0	51.0	
60 Isopropyl acetate	43	5.018	5.012	0.006	97	1435387	200.0	185.5	
61 Tert-amyl methyl ether	73	5.024	5.018	0.006	90	1669908	200.0	183.7	
62 1,2-Dichloroethane	62	5.048	5.042	0.006	96	598726	200.0	190.6	
63 n-Heptane	71	5.085	5.085	0.000	91	425851	200.0	185.6	
* 64 Fluorobenzene	96	5.195	5.195	0.001	98	439314	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	88	316400	5000.0	4911.0	
66 Trichloroethene	95	5.457	5.457	0.000	99	516199	200.0	193.2	
67 Ethyl acrylate	56	5.548	5.548	0.000	99	325261	200.0	201.7	
68 Methylcyclohexane	83	5.554	5.554	0.000	93	877829	200.0	197.9	
69 1,2-Dichloropropane	63	5.682	5.676	0.006	93	518232	200.0	189.3	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	33	25907	1000.0	1000.0	
70 Methyl methacrylate	100	5.731	5.725	0.006	88	259252	400.0	384.4	
72 n-Propyl acetate	43	5.768	5.768	0.000	98	639426	200.0	186.7	
73 1,4-Dioxane	88	5.768	5.768	0.000	30	96489	4000.0	3125.6	
74 Dibromomethane	93	5.786	5.780	0.006	97	315447	200.0	191.4	
75 Dichlorobromomethane	83	5.902	5.896	0.006	99	652708	200.0	196.7	
76 2-Chloroethyl vinyl ether	63	6.170	6.164	0.006	98	297234	200.0	195.2	
77 2-Nitropropane	41	6.176	6.170	0.006	98	222279	400.0	359.9	
78 Epichlorohydrin	57	6.268	6.261	0.007	99	917476	4000.0	3832.4	
79 cis-1,3-Dichloropropene	75	6.316	6.310	0.006	91	817958	200.0	200.4	
80 4-Methyl-2-pentanone (MIBK	43	6.457	6.450	0.007	96	2444291	1000.0	983.5	
$ 81 Toluene-d8 (Surr)	98	6.530	6.530	0.000	99	429370	50.0	50.7	
82 Toluene	91	6.591	6.591	0.000	93	2125508	200.0	194.3	
83 trans-1,3-Dichloropropene	75	6.841	6.834	0.007	97	697302	200.0	198.8	
84 Ethyl methacrylate	69	6.853	6.847	0.006	89	643344	200.0	192.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.993	6.993	0.000	96	373614	200.0	188.8	
86 Tetrachloroethene	166	7.030	7.023	0.007	97	521512	200.0	199.2	
87 1,3-Dichloropropane	76	7.133	7.133	0.000	94	717773	200.0	196.9	
88 2-Hexanone	43	7.164	7.158	0.006	95	1508435	1000.0	940.6	
89 n-Butyl acetate	73	7.225	7.219	0.007	99	125062	200.0	178.0	
90 Chlorodibromomethane	129	7.280	7.279	0.001	98	499456	200.0	204.2	
91 Ethylene Dibromide	107	7.383	7.377	0.006	99	438353	200.0	196.6	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	84	309315	50.0	50.0	
93 Chlorobenzene	112	7.706	7.700	0.006	94	1355296	200.0	196.7	
94 Ethylbenzene	106	7.749	7.749	0.000	98	741797	200.0	195.0	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	509997	200.0	204.1	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	99	942461	200.0	197.6	
97 n-Butyl acrylate	73	8.054	8.054	0.000	97	413111	200.0	183.6	
98 o-Xylene	106	8.090	8.090	0.000	94	943466	200.0	195.0	
99 Styrene	104	8.109	8.109	0.000	95	1627973	200.0	194.7	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	91	1013837	200.0	190.1	
101 Bromoform	173	8.249	8.249	0.000	98	372601	200.0	204.7	
102 Isopropylbenzene	105	8.310	8.310	0.000	95	2527826	200.0	199.1	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	94	145466	50.0	48.7	
104 Bromobenzene	156	8.523	8.523	0.000	98	632587	200.0	196.6	
105 1,1,2,2-Tetrachloroethane	83	8.529	8.529	0.000	99	680522	200.0	196.5	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	3064001	200.0	200.6	
108 trans-1,4-Dichloro-2-buten	53	8.572	8.566	0.006	74	179929	200.0	191.8	
107 1,2,3-Trichloropropane	110	8.566	8.566	0.000	97	181598	200.0	192.9	
109 4-Ethyltoluene	105	8.621	8.615	0.006	98	2514917	200.0	197.6	
110 2-Chlorotoluene	91	8.627	8.627	0.000	96	2062009	200.0	198.9	
111 1,3,5-Trimethylbenzene	105	8.657	8.651	0.006	93	2122283	200.0	201.3	
113 4-Chlorotoluene	91	8.694	8.688	0.006	96	1825413	200.0	201.6	
112 Butyl Methacrylate	87	8.694	8.694	0.000	78	818048	200.0	199.8	
114 tert-Butylbenzene	119	8.834	8.834	0.000	94	1784276	200.0	208.4	
115 1,2,4-Trimethylbenzene	105	8.871	8.871	0.000	97	2222259	200.0	201.9	
116 sec-Butylbenzene	105	8.956	8.956	0.000	99	2618723	200.0	204.3	
117 4-Isopropyltoluene	119	9.029	9.029	0.000	98	2248727	200.0	199.9	
118 1,3-Dichlorobenzene	146	9.048	9.047	0.001	98	1251523	200.0	198.4	
* 119 1,4-Dichlorobenzene-d4	152	9.090	9.090	0.000	89	181914	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.102	9.102	0.000	94	1253310	200.0	197.7	
136 1,2,3-Trimethylbenzene	105	9.109	9.108	0.001	0	2175174	200.0	195.3	
121 Benzyl chloride	91	9.188	9.182	0.006	99	1393373	200.0	197.6	
122 2,3-Dihydroindene	117	9.230	9.230	0.000	94	2350790	200.0	192.6	
123 p-Diethylbenzene	119	9.243	9.242	0.001	93	1346742	200.0	192.5	
124 n-Butylbenzene	92	9.261	9.261	0.000	97	1124311	200.0	195.9	
125 1,2-Dichlorobenzene	146	9.322	9.322	0.000	96	1187722	200.0	198.3	
126 1,2,4,5-Tetramethylbenzene	119	9.724	9.718	0.006	97	2176523	200.0	195.3	
127 1,2-Dibromo-3-Chloropropan	75	9.816	9.816	0.000	95	124738	200.0	195.9	
128 1,3,5-Trichlorobenzene	180	9.907	9.907	0.000	97	891956	200.0	196.9	
129 1,2,4-Trichlorobenzene	180	10.377	10.370	0.007	94	852216	200.0	205.3	
130 Hexachlorobutadiene	225	10.444	10.443	0.001	97	382317	200.0	199.1	
131 Naphthalene	128	10.590	10.590	0.000	99	2033869	200.0	208.3	
132 1,2,3-Trichlorobenzene	180	10.791	10.791	0.000	96	685182	200.0	205.4	
S 133 1,2-Dichloroethene, Total	100				0		400.0	376.6	
S 134 Xylenes, Total	100				0		400.0	392.6	
S 135 Total BTEX	1				0		1000.0	977.0	

Reagents:

ACROLEIN W_00067	Amount Added:	20.00	Units: uL	
Ethanol mix_00003	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	20.00	Units: uL	
MIX I Hi_00076	Amount Added:	20.00	Units: uL	
GAS Hi_00212	Amount Added:	20.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

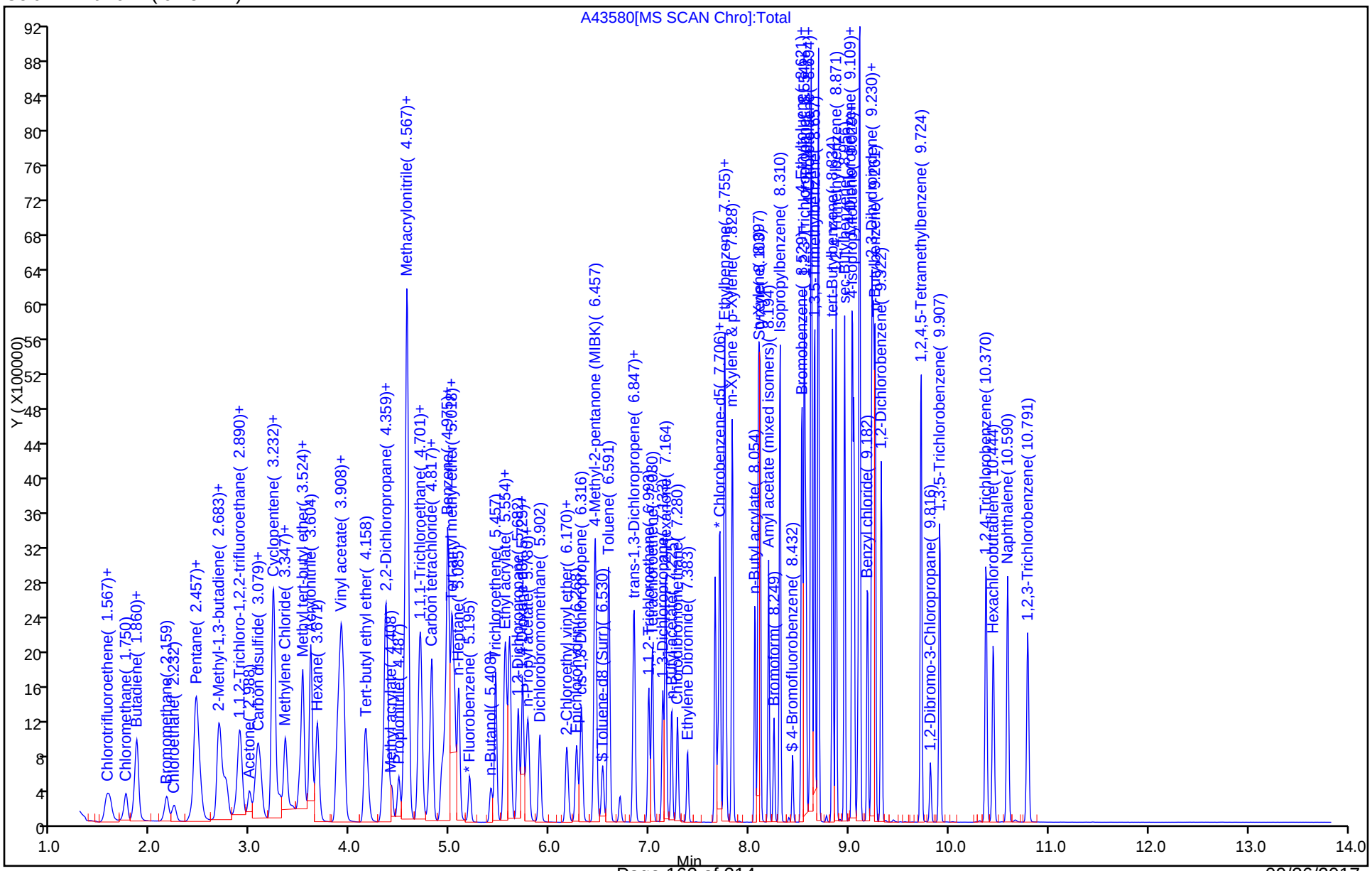
Report Date: 09-Aug-2017 10:27:52 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43580.D

Injection Date:	07-Aug-2017 08:31:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 07-Aug-2017 08:54:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0058730-009
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Aug-2017 10:27:55 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: desais Date: 07-Aug-2017 11:01:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.561	1.543	0.018	93	244446	500.0	607.1	
3 Dichlorodifluoromethane	85	1.598	1.579	0.019	100	1512654	500.0	580.3	
4 Chloromethane	50	1.762	1.732	0.030	99	1367531	500.0	517.4	
6 Butadiene	54	1.872	1.842	0.030	85	1303202	500.0	520.5	
5 Vinyl chloride	62	1.872	1.842	0.030	98	1376864	500.0	523.8	
7 Bromomethane	94	2.171	2.140	0.031	99	779683	500.0	482.1	
8 Chloroethane	64	2.244	2.213	0.031	99	706912	500.0	491.4	
10 Dichlorofluoromethane	67	2.457	2.439	0.018	99	1695173	500.0	494.5	
11 Pentane	72	2.488	2.451	0.037	97	380137	1000.0	965.3	
9 Trichlorofluoromethane	101	2.469	2.451	0.018	98	1478979	500.0	526.1	
13 Ethyl ether	59	2.677	2.658	0.019	95	906039	500.0	456.5	
12 Ethanol	46	2.677	2.658	0.019	73	161946	20000	20013	
14 2-Methyl-1,3-butadiene	53	2.701	2.683	0.018	96	959227	500.0	483.8	
15 1,2-Dichloro-1,1,2-trifluo	117	2.756	2.738	0.018	95	817799	500.0	452.1	
16 Acrolein	56	2.866	2.847	0.019	87	52317	400.0	401.6	
17 1,1,2-Trichloro-1,2,2-trif	101	2.890	2.872	0.018	97	1061363	500.0	522.1	
18 1,1-Dichloroethene	96	2.914	2.884	0.030	99	1023220	500.0	477.9	
19 Acetone	58	2.994	2.988	0.006	87	526410	2500.0	1857.8	
20 Iodomethane	142	3.067	3.042	0.025	98	1870932	500.0	460.2	
21 Carbon disulfide	76	3.103	3.073	0.030	98	3924958	500.0	470.6	
22 Isopropyl alcohol	45	3.103	3.079	0.024	54	637488	5000.0	4606.5	
23 3-Chloro-1-propene	76	3.225	3.207	0.018	91	780181	500.0	471.2	
24 Methyl acetate	43	3.237	3.225	0.012	99	4244451	2500.0	2365.0	
25 Cyclopentene	67	3.244	3.225	0.019	93	2965954	500.0	477.3	
26 Acetonitrile	41	3.305	3.292	0.013	54	1723137	5000.0	5439.6	
27 Methylene Chloride	84	3.359	3.341	0.018	91	1255292	500.0	457.3	
* 28 TBA-d9 (IS)	65	3.366	3.347	0.019	30	191598	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.433	3.427	0.006	94	1226685	5000.0	4724.5	
30 Methyl tert-butyl ether	73	3.512	3.494	0.018	97	3206020	500.0	467.9	
31 trans-1,2-Dichloroethene	96	3.530	3.518	0.012	95	1255620	500.0	465.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.609	3.597	0.012	94	4745739	5000.0	4848.4	
33 Hexane	43	3.670	3.664	0.006	92	1099010	500.0	502.5	
34 Isopropyl ether	45	3.884	3.865	0.019	94	3716186	500.0	445.3	
35 1,1-Dichloroethane	63	3.902	3.890	0.012	99	2156003	500.0	460.9	
36 Vinyl acetate	86	3.920	3.914	0.006	100	559164	1000.0	1030.8	
37 2-Chloro-1,3-butadiene	88	3.939	3.933	0.006	90	1133608	500.0	468.0	
38 Tert-butyl ethyl ether	59	4.158	4.146	0.012	89	3542920	500.0	457.4	
* 39 2-Butanone-d5	46	4.329	4.323	0.006	97	256004	250.0	250.0	
40 2,2-Dichloropropane	97	4.353	4.347	0.006	94	413119	500.0	421.3	
41 cis-1,2-Dichloroethene	96	4.359	4.347	0.012	98	1443151	500.0	466.4	
42 Ethyl acetate	70	4.378	4.365	0.013	96	267545	1000.0	998.7	
43 2-Butanone (MEK)	72	4.378	4.371	0.007	96	721728	2500.0	2255.2	
44 Methyl acrylate	55	4.420	4.408	0.012	100	1127611	500.0	506.3	
45 Propionitrile	54	4.493	4.481	0.012	98	1795803	5000.0	4890.3	
47 Tetrahydrofuran	72	4.542	4.536	0.006	63	313582	1000.0	859.1	
46 Chlorobromomethane	128	4.548	4.536	0.012	84	646389	500.0	454.7	
48 Methacrylonitrile	67	4.573	4.560	0.013	91	4955491	5000.0	4768.7	
49 Chloroform	83	4.591	4.579	0.012	99	1970216	500.0	440.0	
50 Cyclohexane	56	4.701	4.689	0.013	91	2157280	500.0	476.5	
51 1,1,1-Trichloroethane	97	4.713	4.701	0.012	98	1612687	500.0	457.5	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.707	0.006	97	108370	50.0	47.2	
54 Carbon tetrachloride	117	4.804	4.798	0.006	99	1476341	500.0	485.5	
55 1,1-Dichloropropene	75	4.823	4.817	0.006	98	1670395	500.0	480.1	
56 Isobutyl alcohol	43	4.920	4.920	0.000	95	1860884	12500	11902	
57 Isooctane	57	4.963	4.945	0.018	96	3415499	500.0	460.3	
58 Benzene	78	4.981	4.975	0.006	96	4754925	500.0	435.9	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.993	4.987	0.006	92	130574	50.0	52.0	
60 Isopropyl acetate	43	5.018	5.012	0.006	97	3356753	500.0	440.3	
61 Tert-amyl methyl ether	73	5.030	5.018	0.012	91	3775040	500.0	421.6	
62 1,2-Dichloroethane	62	5.048	5.042	0.006	96	1394473	500.0	450.5	
63 n-Heptane	71	5.091	5.085	0.006	91	980448	500.0	433.7	
* 64 Fluorobenzene	96	5.201	5.195	0.007	98	432823	50.0	50.0	
65 n-Butanol	56	5.414	5.408	0.006	87	882508	12500	13172	
66 Trichloroethene	95	5.463	5.457	0.006	99	1292283	500.0	491.0	
67 Ethyl acrylate	56	5.554	5.548	0.006	98	799279	500.0	503.1	
68 Methylcyclohexane	83	5.560	5.554	0.006	90	2114615	500.0	483.9	
69 1,2-Dichloropropane	63	5.688	5.676	0.012	93	1252533	500.0	464.3	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	36	37292	1000.0	1000.0	
70 Methyl methacrylate	100	5.731	5.725	0.006	85	684857	1000.0	1030.7	
73 1,4-Dioxane	88	5.774	5.768	0.006	33	244948	10000	5512.4	
72 n-Propyl acetate	43	5.767	5.768	-0.001	97	1678102	500.0	497.4	
74 Dibromomethane	93	5.786	5.780	0.006	98	768106	500.0	473.0	
75 Dichlorobromomethane	83	5.902	5.896	0.006	100	1616929	500.0	494.6	
76 2-Chloroethyl vinyl ether	63	6.170	6.164	0.006	98	822627	500.0	548.2	
77 2-Nitropropane	41	6.182	6.170	0.012	98	593037	1000.0	974.6	
78 Epichlorohydrin	57	6.273	6.261	0.012	98	2477555	10000	9445.2	
79 cis-1,3-Dichloropropene	75	6.322	6.310	0.012	91	2152746	500.0	500.9	
80 4-Methyl-2-pentanone (MIBK	43	6.456	6.450	0.006	96	6100344	2500.0	2240.3	
$ 81 Toluene-d8 (Surr)	98	6.536	6.530	0.006	100	437134	50.0	49.0	
82 Toluene	91	6.597	6.591	0.006	93	5416467	500.0	470.2	
83 trans-1,3-Dichloropropene	75	6.840	6.834	0.006	97	1897123	500.0	513.6	
84 Ethyl methacrylate	69	6.853	6.847	0.006	86	1697238	500.0	515.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.993	6.993	0.000	96	980760	500.0	470.6	
86 Tetrachloroethene	166	7.029	7.023	0.006	97	1315591	500.0	477.1	
87 1,3-Dichloropropane	76	7.133	7.133	0.000	93	1923730	500.0	501.2	
88 2-Hexanone	43	7.164	7.158	0.006	96	3921880	2500.0	2232.1	
89 n-Butyl acetate	73	7.225	7.219	0.006	99	337481	500.0	456.2	
90 Chlorodibromomethane	129	7.279	7.279	0.000	98	1273473	500.0	494.3	
91 Ethylene Dibromide	107	7.383	7.377	0.006	98	1164063	500.0	495.8	
* 92 Chlorobenzene-d5	117	7.688	7.682	0.006	85	325729	50.0	50.0	
93 Chlorobenzene	112	7.706	7.700	0.006	96	3500769	500.0	482.6	
94 Ethylbenzene	106	7.755	7.749	0.006	99	1802530	500.0	449.9	
95 1,1,1,2-Tetrachloroethane	131	7.767	7.761	0.006	96	1186393	500.0	450.9	
96 m-Xylene & p-Xylene	106	7.834	7.828	0.006	100	2205803	500.0	439.2	
97 n-Butyl acrylate	73	8.060	8.054	0.006	97	1078957	500.0	455.3	
98 o-Xylene	106	8.096	8.090	0.006	93	2171688	500.0	426.3	
99 Styrene	104	8.108	8.109	-0.001	93	3770025	500.0	428.2	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	91	2412236	500.0	585.6	
101 Bromoform	173	8.249	8.249	0.000	97	889662	500.0	464.2	
102 Isopropylbenzene	105	8.310	8.310	0.000	95	5716173	500.0	427.5	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	89	140637	50.0	44.7	
104 Bromobenzene	156	8.529	8.523	0.006	99	1482002	500.0	596.2	
105 1,1,2,2-Tetrachloroethane	83	8.535	8.529	0.006	99	1542551	500.0	576.8	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	6752947	500.0	572.5	
107 1,2,3-Trichloropropane	110	8.572	8.566	0.006	97	388211	500.0	534.0	
108 trans-1,4-Dichloro-2-buten	53	8.572	8.566	0.006	82	402291	500.0	555.1	
109 4-Ethyltoluene	105	8.621	8.615	0.006	98	5162980	500.0	525.3	
110 2-Chlorotoluene	91	8.627	8.627	0.000	96	4161497	500.0	519.6	
111 1,3,5-Trimethylbenzene	105	8.657	8.651	0.006	93	4173387	500.0	512.6	
113 4-Chlorotoluene	91	8.700	8.688	0.012	96	3405944	500.0	486.9	
112 Butyl Methacrylate	87	8.700	8.694	0.006	78	1499300	500.0	474.1	
114 tert-Butylbenzene	119	8.840	8.834	0.006	94	3670316	500.0	554.9	
115 1,2,4-Trimethylbenzene	105	8.877	8.871	0.006	97	4222327	500.0	496.7	
116 sec-Butylbenzene	105	8.962	8.956	0.006	99	5064414	500.0	511.5	
117 4-Isopropyltoluene	119	9.041	9.029	0.012	98	4401597	500.0	506.6	
118 1,3-Dichlorobenzene	146	9.060	9.047	0.013	96	2252796	500.0	462.4	
* 119 1,4-Dichlorobenzene-d4	152	9.096	9.090	0.006	90	140514	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.114	9.102	0.012	94	2193828	500.0	448.0	
136 1,2,3-Trimethylbenzene	105	9.120	9.108	0.012	0	3748825	500.0	435.8	
121 Benzyl chloride	91	9.194	9.182	0.012	99	2674137	500.0	490.9	
122 2,3-Dihydroindene	117	9.236	9.230	0.006	94	4162869	500.0	441.6	
123 p-Diethylbenzene	119	9.255	9.242	0.013	91	2261294	500.0	418.4	
124 n-Butylbenzene	92	9.273	9.261	0.012	96	1790862	500.0	404.1	
125 1,2-Dichlorobenzene	146	9.334	9.322	0.012	95	1981497	500.0	428.2	
126 1,2,4,5-Tetramethylbenzene	119	9.730	9.718	0.012	97	4373200	500.0	508.0	
127 1,2-Dibromo-3-Chloropropan	75	9.828	9.816	0.012	94	272173	500.0	553.5	
128 1,3,5-Trichlorobenzene	180	9.919	9.907	0.012	97	1770498	500.0	506.0	
129 1,2,4-Trichlorobenzene	180	10.382	10.370	0.012	94	1796866	500.0	560.3	
130 Hexachlorobutadiene	225	10.456	10.443	0.013	96	759017	500.0	511.8	
131 Naphthalene	128	10.602	10.590	0.012	99	4420033	500.0	586.2	
132 1,2,3-Trichlorobenzene	180	10.803	10.791	0.012	96	1428451	500.0	554.3	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	932.2	
S 134 Xylenes, Total	100				0		1000.0	865.5	
S 135 Total BTEX	1				0		2500.0	2221.5	

Reagents:

ACROLEIN W_00067	Amount Added:	40.00	Units: uL	
Ethanol mix_00003	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00058	Amount Added:	50.00	Units: uL	
MIX I Hi_00076	Amount Added:	50.00	Units: uL	
GAS Hi_00212	Amount Added:	50.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00158	Amount Added:	1.00	Units: uL	Run Reagent

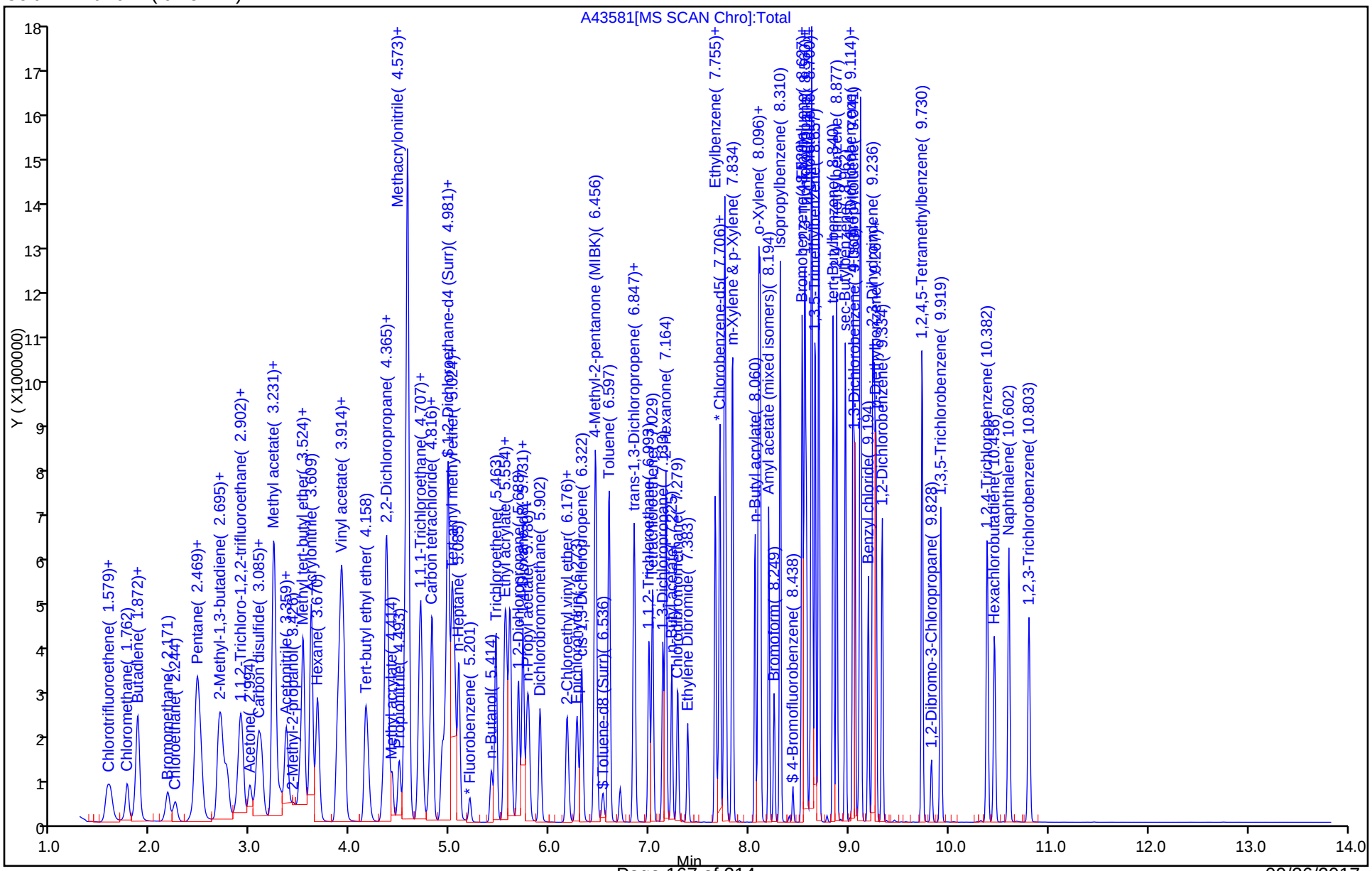
Report Date: 09-Aug-2017 10:27:56 Chrom Revision: 2.2 20-Jun-2017 07:42:38

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Injection Date:	07-Aug-2017 08:54:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab Sample ID: CCVIS 460-464711/2 Calibration Date: 09/24/2017 05:14

Instrument ID: CVOAMS1 Calib Start Date: 08/07/2017 06:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/07/2017 08:54

Lab File ID: A46213.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
Chlorotrifluoroethene	Ave	0.0465	0.0410		17.6	20.0	-11.8	20.0
Dichlorodifluoromethane	Ave	0.3011	0.3444	0.1000	22.9	20.0	14.4	20.0
Chloromethane	Ave	0.3054	0.3229	0.1000	21.1	20.0	5.7	20.0
Butadiene	Ave	0.2892	0.3107		21.5	20.0	7.4	20.0
Vinyl chloride	Ave	0.3037	0.3551	0.1000	23.4	20.0	17.0	20.0
Bromomethane	Ave	0.1868	0.2852	0.1000	30.5	20.0	52.7*	50.0
Chloroethane	Ave	0.1662	0.2203	0.1000	26.5	20.0	32.6	50.0
Dichlorofluoromethane	Ave	0.3960	0.5143		26.0	20.0	29.9*	20.0
Trichlorofluoromethane	Ave	0.3247	0.4787	0.1000	29.5	20.0	47.4*	20.0
Pentane	Ave	0.0455	0.0516		45.4	40.0	13.5	20.0
Ethanol	QuaF		0.0662		1190	800	49.2	50.0
Ethyl ether	Ave	0.2293	0.2290		20.0	20.0	-0.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2290	0.2096		18.3	20.0	-8.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2090	0.2488		23.8	20.0	19.1	20.0
Acrolein	QuaF		0.8659		43.3	40.0	8.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2348	0.2661	0.1000	22.7	20.0	13.3	20.0
1,1-Dichloroethene	Ave	0.2473	0.2844	0.1000	23.0	20.0	15.0	20.0
Acetone	Ave	0.2767	0.2862	0.0500	103	100	3.4	50.0
Iodomethane	Ave	0.4697	0.5408		23.0	20.0	15.1	20.0
Carbon disulfide	Ave	0.9634	0.9137	0.1000	19.0	20.0	-5.2	50.0
Isopropyl alcohol	Ave	0.7223	0.7634		211	200	5.7	50.0
Allyl chloride	Ave	0.1913	0.1878		19.6	20.0	-1.8	20.0
Cyclopentene	Ave	0.7179	0.6838		19.0	20.0	-4.8	20.0
Methyl acetate	Ave	0.2073	0.1793	0.1000	86.5	100	-13.5	20.0
Acetonitrile	Ave	1.653	1.890		229	200	14.3	20.0
Methylene Chloride	Ave	0.3171	0.3395	0.1000	21.4	20.0	7.1	20.0
2-Methyl-2-propanol	Ave	1.355	1.442		213	200	6.4	50.0
Methyl tert-butyl ether	Ave	0.7915	0.7461	0.1000	18.9	20.0	-5.7	20.0
trans-1,2-Dichloroethene	Ave	0.3114	0.3337	0.1000	21.4	20.0	7.2	20.0
Acrylonitrile	Lin2		0.1150		202	200	1.1	20.0
Hexane	Ave	0.2527	0.2235		17.7	20.0	-11.5	20.0
Isopropyl ether	Ave	0.9641	0.7861		16.3	20.0	-18.5	20.0
1,1-Dichloroethane	Ave	0.5404	0.5369	0.2000	19.9	20.0	-0.6	20.0
Vinyl acetate	Ave	0.0627	0.0683		43.6	40.0	8.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2798	0.2949		21.1	20.0	5.4	20.0
Tert-butyl ethyl ether	Ave	0.8948	0.7868		17.6	20.0	-12.1	20.0
2,2-Dichloropropane	Ave	0.1133	0.1014		17.9	20.0	-10.5	20.0
cis-1,2-Dichloroethene	Ave	0.3574	0.3843	0.1000	21.5	20.0	7.5	20.0
Ethyl acetate	Qua2		0.3533		52.1	40.0	30.3*	20.0
2-Butanone (MEK)	Ave	0.3125	0.4146	0.0500	133	100	32.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab Sample ID: CCVIS 460-464711/2 Calibration Date: 09/24/2017 05:14

Instrument ID: CVOAMS1 Calib Start Date: 08/07/2017 06:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/07/2017 08:54

Lab File ID: A46213.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
Methyl acrylate	Ave	0.2573	0.2535		19.7	20.0	-1.5	20.0
Propionitrile	Ave	0.0424	0.0420		198	200	-0.9	20.0
Chlorobromomethane	Ave	0.1642	0.1970		24.0	20.0	20.0	20.0
Tetrahydrofuran	Ave	0.3564	0.4564		51.2	40.0	28.0*	20.0
Methacrylonitrile	Ave	0.1200	0.1326		221	200	10.5	20.0
Chloroform	Ave	0.5173	0.5476	0.2000	21.2	20.0	5.9	20.0
Cyclohexane	Ave	0.5230	0.4495	0.1000	17.2	20.0	-14.0	50.0
1,1,1-Trichloroethane	Ave	0.4072	0.4045	0.1000	19.9	20.0	-0.7	20.0
Carbon tetrachloride	Ave	0.3513	0.3573	0.1000	20.3	20.0	1.7	20.0
1,1-Dichloropropene	Ave	0.4019	0.3984		19.8	20.0	-0.9	20.0
Isobutyl alcohol	Ave	0.8160	0.9009		552	500	10.4	50.0
2,2,4-Trimethylpentane	Ave	0.8572	0.9724		22.7	20.0	13.4	20.0
Benzene	Ave	1.674	1.633	0.5000	19.5	20.0	-2.5	20.0
Isopropyl acetate	Ave	0.8807	0.7339		16.7	20.0	-16.7	20.0
Tert-amyl methyl ether	Ave	1.034	0.8910		17.2	20.0	-13.9	20.0
1,2-Dichloroethane	Ave	0.3575	0.3692	0.1000	20.7	20.0	3.3	20.0
n-Heptane	Ave	0.2612	0.2821		21.6	20.0	8.0	20.0
n-Butanol	Ave	0.3497	0.3837		549	500	9.7	50.0
Trichloroethene	Ave	0.3041	0.3173	0.2000	20.9	20.0	4.3	20.0
Ethyl acrylate	Ave	0.1835	0.1758		19.2	20.0	-4.2	20.0
Methylcyclohexane	Ave	0.5048	0.5454	0.1000	21.6	20.0	8.0	50.0
1,2-Dichloropropane	Ave	0.3116	0.3041	0.1000	19.5	20.0	-2.4	20.0
Methyl methacrylate	Ave	0.0768	0.0836		43.6	40.0	9.0	20.0
n-Propyl acetate	Ave	0.3897	0.3319		17.0	20.0	-14.8	20.0
1,4-Dioxane	Ave	1.192	1.346		452	400	12.9	50.0
Dibromomethane	Ave	0.1876	0.2149		22.9	20.0	14.5	20.0
Dichlorobromomethane	Ave	0.3776	0.3797	0.2000	20.1	20.0	0.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1733	0.1694		19.5	20.0	-2.3	20.0
2-Nitropropane	Ave	0.0703	0.0466		26.5	40.0	-33.7*	20.0
Epichlorohydrin	Ave	0.2562	0.3248		507	400	26.8*	20.0
cis-1,3-Dichloropropene	Ave	0.6598	0.6573	0.2000	19.9	20.0	-0.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.659	2.719	0.0500	102	100	2.2	50.0
Toluene	Ave	1.768	1.705	0.4000	19.3	20.0	-3.6	20.0
trans-1,3-Dichloropropene	Ave	0.5670	0.5561	0.1000	19.6	20.0	-1.9	50.0
Ethyl methacrylate	Ave	0.3805	0.3539		18.6	20.0	-7.0	20.0
1,1,2-Trichloroethane	Ave	0.3199	0.3250	0.1000	20.3	20.0	1.6	20.0
Tetrachloroethene	Ave	0.4233	0.4608	0.2000	21.8	20.0	8.9	20.0
1,3-Dichloropropane	Ave	0.5892	0.6188		21.0	20.0	5.0	20.0
2-Hexanone	Ave	1.716	1.797	0.0500	105	100	4.7	50.0
n-Butyl acetate	Ave	0.1136	0.1024		18.0	20.0	-9.8	20.0
Chlorodibromomethane	Ave	0.3955	0.4233	0.1000	21.4	20.0	7.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab Sample ID: CCVIS 460-464711/2 Calibration Date: 09/24/2017 05:14

Instrument ID: CVOAMS1 Calib Start Date: 08/07/2017 06:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/07/2017 08:54

Lab File ID: A46213.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
Ethylene Dibromide	Ave	0.3604	0.3981	0.1000	22.1	20.0	10.5	20.0
Chlorobenzene	Ave	1.114	1.228	0.5000	22.1	20.0	10.3	20.0
Ethylbenzene	Ave	0.6150	0.6266	0.1000	20.4	20.0	1.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4039	0.4112		20.4	20.0	1.8	20.0
m-Xylene & p-Xylene	Ave	0.7710	0.7818	0.1000	20.3	20.0	1.4	20.0
n-Butyl acrylate	Ave	0.3638	0.2991		16.4	20.0	-17.8	20.0
o-Xylene	Ave	0.7819	0.7877	0.3000	20.1	20.0	0.7	20.0
Styrene	Ave	1.351	1.379	0.3000	20.4	20.0	2.1	20.0
Amyl acetate (mixed isomers)	Ave	1.466	1.060		14.5	20.0	-27.7*	20.0
Bromoform	Ave	0.2942	0.3168	0.1000	21.5	20.0	7.7	20.0
Isopropylbenzene	Ave	2.053	1.997	0.1000	19.5	20.0	-2.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9517	0.9652	0.3000	20.3	20.0	1.4	20.0
Bromobenzene	Ave	0.8845	0.9478		21.4	20.0	7.2	20.0
N-Propylbenzene	Ave	4.198	4.123		19.6	20.0	-1.8	20.0
1,2,3-Trichloropropane	Ave	0.2587	0.2782		21.5	20.0	7.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2579	0.2427		18.8	20.0	-5.9	20.0
4-Ethyltoluene	Ave	3.497	3.554		20.3	20.0	1.6	20.0
2-Chlorotoluene	Ave	2.850	2.806		19.7	20.0	-1.6	20.0
1,3,5-Trimethylbenzene	Ave	2.897	2.827		19.5	20.0	-2.4	20.0
4-Chlorotoluene	Ave	2.489	2.515		20.2	20.0	1.0	20.0
Butyl Methacrylate	Ave	1.125	1.019		18.1	20.0	-9.5	20.0
tert-Butylbenzene	Ave	2.354	2.493		21.2	20.0	5.9	20.0
1,2,4-Trimethylbenzene	Ave	3.025	2.970		19.6	20.0	-1.8	20.0
sec-Butylbenzene	Ave	3.523	3.808		21.6	20.0	8.1	20.0
4-Isopropyltoluene	Ave	3.092	3.323		21.5	20.0	7.5	20.0
1,3-Dichlorobenzene	Ave	1.734	1.933	0.6000	22.3	20.0	11.5	20.0
1,2,3-Trimethylbenzene	Ave	3.061	3.083		20.1	20.0	0.7	20.0
1,4-Dichlorobenzene	Ave	1.742	1.976	0.5000	22.7	20.0	13.4	20.0
Benzyl chloride	Ave	1.939	1.742		18.0	20.0	-10.1	50.0
Indan	Ave	3.354	3.501		20.9	20.0	4.4	20.0
p-Diethylbenzene	Ave	1.923	2.092		21.8	20.0	8.8	20.0
n-Butylbenzene	Ave	1.577	1.764		22.4	20.0	11.9	20.0
1,2-Dichlorobenzene	Ave	1.647	1.821	0.4000	22.1	20.0	10.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.063	2.903		19.0	20.0	-5.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1750	0.1404	0.0500	16.1	20.0	-19.7	50.0
1,3,5-Trichlorobenzene	Ave	1.245	1.389		22.3	20.0	11.6	20.0
1,2,4-Trichlorobenzene	Ave	1.141	1.151	0.2000	20.2	20.0	0.9	20.0
Hexachlorobutadiene	Ave	0.5277	0.5814		22.0	20.0	10.2	20.0
Naphthalene	Ave	2.683	2.407		17.9	20.0	-10.3	50.0
1,2,3-Trichlorobenzene	Ave	0.9171	0.8768		19.1	20.0	-4.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2651	0.2954		55.7	50.0	11.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab Sample ID: CCVIS 460-464711/2 Calibration Date: 09/24/2017 05:14

Instrument ID: CVOAMS1 Calib Start Date: 08/07/2017 06:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/07/2017 08:54

Lab File ID: A46213.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
1,2-Dichloroethane-d4 (Surr)	Ave	0.2902	0.2893		49.8	50.0	-0.3	20.0
Toluene-d8 (Surr)	Ave	1.368	1.396		51.0	50.0	2.0	20.0
4-Bromofluorobenzene	Ave	0.4831	0.5073		52.5	50.0	5.0	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46213.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 24-Sep-2017 05:14:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0060822-002
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub42

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 15:08:59 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: moroneyc Date: 25-Sep-2017 07:11:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.561	1.561	0.000	86	7087	20.0	17.6	
3 Dichlorodifluoromethane	85	1.592	1.592	0.000	99	59519	20.0	22.9	
4 Chloromethane	50	1.750	1.750	0.000	100	55806	20.0	21.1	
6 Butadiene	54	1.860	1.860	0.000	72	53704	20.0	21.5	
5 Vinyl chloride	62	1.860	1.860	0.000	97	61380	20.0	23.4	
7 Bromomethane	94	2.159	2.159	0.000	99	49297	20.0	30.5	
8 Chloroethane	64	2.238	2.238	0.000	98	38071	20.0	26.5	
10 Dichlorofluoromethane	67	2.451	2.451	0.000	98	88890	20.0	26.0	
9 Trichlorofluoromethane	101	2.457	2.457	0.000	65	82732	20.0	29.5	
11 Pentane	72	2.469	2.469	0.000	97	17847	40.0	45.4	
12 Ethanol	46	2.677	2.677	0.000	68	7788	800.0	1193.4	
13 Ethyl ether	59	2.677	2.677	0.000	94	39583	20.0	20.0	
14 2-Methyl-1,3-butadiene	53	2.689	2.689	0.000	93	36226	20.0	18.3	
15 1,2-Dichloro-1,1,2-trifluo	117	2.756	2.756	0.000	88	42999	20.0	23.8	
16 Acrolein	56	2.860	2.860	0.000	92	5093	40.0	43.3	
17 1,1,2-Trichloro-1,2,2-trif	101	2.884	2.884	0.000	96	45990	20.0	22.7	
18 1,1-Dichloroethene	96	2.896	2.896	0.000	96	49149	20.0	23.0	
19 Acetone	58	2.994	2.994	0.000	90	21071	100.0	103.4	
20 Iodomethane	142	3.055	3.055	0.000	98	93463	20.0	23.0	
21 Carbon disulfide	76	3.085	3.085	0.000	98	157920	20.0	19.0	
22 Isopropyl alcohol	45	3.091	3.091	0.000	54	22451	200.0	211.4	
23 3-Chloro-1-propene	76	3.219	3.219	0.000	93	32450	20.0	19.6	
25 Cyclopentene	67	3.238	3.238	0.000	80	118174	20.0	19.0	
24 Methyl acetate	43	3.238	3.238	0.000	96	154930	100.0	86.5	
26 Acetonitrile	41	3.292	3.292	0.000	97	55582	200.0	228.6	M
27 Methylene Chloride	84	3.347	3.347	0.000	85	58670	20.0	21.4	
* 28 TBA-d9 (IS)	65	3.359	3.359	0.000	91	147052	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.427	3.427	0.000	91	42423	200.0	212.9	
30 Methyl tert-butyl ether	73	3.512	3.512	0.000	97	128948	20.0	18.9	
31 trans-1,2-Dichloroethene	96	3.524	3.524	0.000	92	57670	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Acrylonitrile	53	3.603	3.603	0.000	95	198804	200.0	202.3	
33 Hexane	43	3.670	3.670	0.000	88	38627	20.0	17.7	
34 Isopropyl ether	45	3.878	3.878	0.000	94	135856	20.0	16.3	
35 1,1-Dichloroethane	63	3.896	3.896	0.000	99	92797	20.0	19.9	
36 Vinyl acetate	86	3.914	3.914	0.000	99	23598	40.0	43.6	
37 2-Chloro-1,3-butadiene	88	3.939	3.939	0.000	87	50964	20.0	21.1	
38 Tert-butyl ethyl ether	59	4.152	4.152	0.000	91	135989	20.0	17.6	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	95	184060	250.0	250.0	
40 2,2-Dichloropropane	97	4.341	4.341	0.000	82	17517	20.0	17.9	
41 cis-1,2-Dichloroethene	96	4.353	4.353	0.000	99	66411	20.0	21.5	
42 Ethyl acetate	70	4.365	4.365	0.000	93	10403	40.0	52.1	
43 2-Butanone (MEK)	72	4.371	4.371	0.000	97	30521	100.0	132.6	
44 Methyl acrylate	55	4.414	4.414	0.000	99	43812	20.0	19.7	
45 Propionitrile	54	4.481	4.481	0.000	99	72665	200.0	198.2	
47 Tetrahydrofuran	72	4.542	4.542	0.000	59	13440	40.0	51.2	
46 Chlorobromomethane	128	4.542	4.542	0.000	82	34048	20.0	24.0	
48 Methacrylonitrile	67	4.567	4.567	0.000	87	229234	200.0	221.0	
49 Chloroform	83	4.585	4.585	0.000	98	94639	20.0	21.2	
50 Cyclohexane	56	4.695	4.695	0.000	85	77694	20.0	17.2	
51 1,1,1-Trichloroethane	97	4.707	4.707	0.000	95	69902	20.0	19.9	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	127641	50.0	55.7	
54 Carbon tetrachloride	117	4.798	4.798	0.000	97	61748	20.0	20.3	
55 1,1-Dichloropropene	75	4.817	4.817	0.000	98	68848	20.0	19.8	
56 Isobutyl alcohol	43	4.914	4.914	0.000	94	66241	500.0	552.0	
57 Isooctane	57	4.945	4.945	0.000	98	168053	20.0	22.7	
58 Benzene	78	4.975	4.975	0.000	95	210245	20.0	19.5	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	125014	50.0	49.8	
60 Isopropyl acetate	43	5.012	5.012	0.000	97	126839	20.0	16.7	
61 Tert-amyl methyl ether	73	5.018	5.018	0.000	94	153989	20.0	17.2	
62 1,2-Dichloroethane	62	5.042	5.042	0.000	95	63809	20.0	20.7	
63 n-Heptane	71	5.085	5.085	0.000	86	48751	20.0	21.6	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	432079	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	86	28213	500.0	548.7	
66 Trichloroethene	95	5.457	5.457	0.000	96	54837	20.0	20.9	
67 Ethyl acrylate	56	5.548	5.548	0.000	97	30387	20.0	19.2	
68 Methylcyclohexane	83	5.554	5.554	0.000	93	94263	20.0	21.6	
69 1,2-Dichloropropane	63	5.682	5.682	0.000	93	52560	20.0	19.5	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	35	22063	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	80	28910	40.0	43.6	
73 1,4-Dioxane	88	5.768	5.768	0.000	29	11875	400.0	451.7	
72 n-Propyl acetate	43	5.761	5.761	0.000	96	57362	20.0	17.0	
74 Dibromomethane	93	5.780	5.780	0.000	95	37137	20.0	22.9	
75 Dichlorobromomethane	83	5.896	5.896	0.000	99	65630	20.0	20.1	
76 2-Chloroethyl vinyl ether	63	6.164	6.164	0.000	90	29271	20.0	19.5	
77 2-Nitropropane	41	6.176	6.176	0.000	83	16101	40.0	26.5	
78 Epichlorohydrin	57	6.267	6.267	0.000	98	95664	400.0	507.3	
79 cis-1,3-Dichloropropene	75	6.310	6.310	0.000	87	84621	20.0	19.9	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	93	200151	100.0	102.2	
$ 81 Toluene-d8 (Surr)	98	6.524	6.524	0.000	99	449152	50.0	51.0	
82 Toluene	91	6.584	6.584	0.000	93	219466	20.0	19.3	
83 trans-1,3-Dichloropropene	75	6.834	6.834	0.000	98	71591	20.0	19.6	
84 Ethyl methacrylate	69	6.847	6.847	0.000	84	61161	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,1,2-Trichloroethane	83	6.987	6.987	0.000	97	41838	20.0	20.3	
86 Tetrachloroethene	166	7.023	7.023	0.000	96	59322	20.0	21.8	
87 1,3-Dichloropropane	76	7.127	7.127	0.000	89	79668	20.0	21.0	
88 2-Hexanone	43	7.158	7.158	0.000	92	132313	100.0	104.7	
89 n-Butyl acetate	73	7.218	7.218	0.000	96	13183	20.0	18.0	
90 Chlorodibromomethane	129	7.279	7.279	0.000	97	54500	20.0	21.4	
91 Ethylene Dibromide	107	7.377	7.377	0.000	99	51251	20.0	22.1	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	321846	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	97	158132	20.0	22.1	
94 Ethylbenzene	106	7.749	7.749	0.000	97	80666	20.0	20.4	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	52934	20.0	20.4	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	98	100644	20.0	20.3	
97 n-Butyl acrylate	73	8.054	8.054	0.000	99	38499	20.0	16.4	
98 o-Xylene	106	8.090	8.090	0.000	95	101408	20.0	20.1	
99 Styrene	104	8.102	8.102	0.000	97	177574	20.0	20.4	
100 Amyl acetate (mixed isomer	43	8.188	8.188	0.000	93	83822	20.0	14.5	
101 Bromoform	173	8.243	8.243	0.000	98	40787	20.0	21.5	
102 Isopropylbenzene	105	8.304	8.304	0.000	94	257043	20.0	19.5	
$ 103 4-Bromofluorobenzene	174	8.432	8.432	0.000	96	163283	50.0	52.5	
104 Bromobenzene	156	8.523	8.523	0.000	93	74925	20.0	21.4	
105 1,1,2,2-Tetrachloroethane	83	8.523	8.523	0.000	99	76303	20.0	20.3	
106 N-Propylbenzene	91	8.548	8.548	0.000	99	325951	20.0	19.6	
107 1,2,3-Trichloropropane	110	8.560	8.560	0.000	97	21990	20.0	21.5	
108 trans-1,4-Dichloro-2-buten	53	8.566	8.566	0.000	75	19189	20.0	18.8	
109 4-Ethyltoluene	105	8.615	8.615	0.000	98	280926	20.0	20.3	
110 2-Chlorotoluene	91	8.621	8.621	0.000	96	221796	20.0	19.7	
111 1,3,5-Trimethylbenzene	105	8.651	8.651	0.000	94	223495	20.0	19.5	
113 4-Chlorotoluene	91	8.688	8.688	0.000	95	198797	20.0	20.2	
112 Butyl Methacrylate	87	8.688	8.688	0.000	59	80546	20.0	18.1	
114 tert-Butylbenzene	119	8.828	8.828	0.000	96	197087	20.0	21.2	
115 1,2,4-Trimethylbenzene	105	8.858	8.858	0.000	96	234796	20.0	19.6	
116 sec-Butylbenzene	105	8.944	8.944	0.000	99	301010	20.0	21.6	
117 4-Isopropyltoluene	119	9.023	9.023	0.000	98	262720	20.0	21.5	
118 1,3-Dichlorobenzene	146	9.041	9.041	0.000	98	152806	20.0	22.3	
* 119 1,4-Dichlorobenzene-d4	152	9.078	9.078	0.000	93	197634	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.096	9.096	0.000	96	156207	20.0	22.7	
136 1,2,3-Trimethylbenzene	105	9.096	9.096	0.000	0	243719	20.0	20.1	
121 Benzyl chloride	91	9.175	9.175	0.000	99	137725	20.0	18.0	
122 2,3-Dihydroindene	117	9.218	9.218	0.000	92	276747	20.0	20.9	
123 p-Diethylbenzene	119	9.236	9.236	0.000	95	165382	20.0	21.8	
124 n-Butylbenzene	92	9.249	9.249	0.000	95	139483	20.0	22.4	
125 1,2-Dichlorobenzene	146	9.316	9.316	0.000	98	143927	20.0	22.1	
126 1,2,4,5-Tetramethylbenzene	119	9.712	9.712	0.000	98	229494	20.0	19.0	
127 1,2-Dibromo-3-Chloropropan	75	9.803	9.803	0.000	94	11102	20.0	16.1	
128 1,3,5-Trichlorobenzene	180	9.895	9.895	0.000	97	109843	20.0	22.3	
129 1,2,4-Trichlorobenzene	180	10.364	10.364	0.000	93	90979	20.0	20.2	
130 Hexachlorobutadiene	225	10.431	10.431	0.000	97	45958	20.0	22.0	
131 Naphthalene	128	10.578	10.578	0.000	99	190243	20.0	17.9	
132 1,2,3-Trichlorobenzene	180	10.779	10.779	0.000	95	69317	20.0	19.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 134 Xylenes, Total	100				0		40.0	40.4	
S 135 Total BTEX	1				0		100.0	99.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00226	Amount Added:	20.00	Units: uL	
ACROLEIN W_00068	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00062	Amount Added:	20.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00159	Amount Added:	1.00	Units: uL	Run Reagent

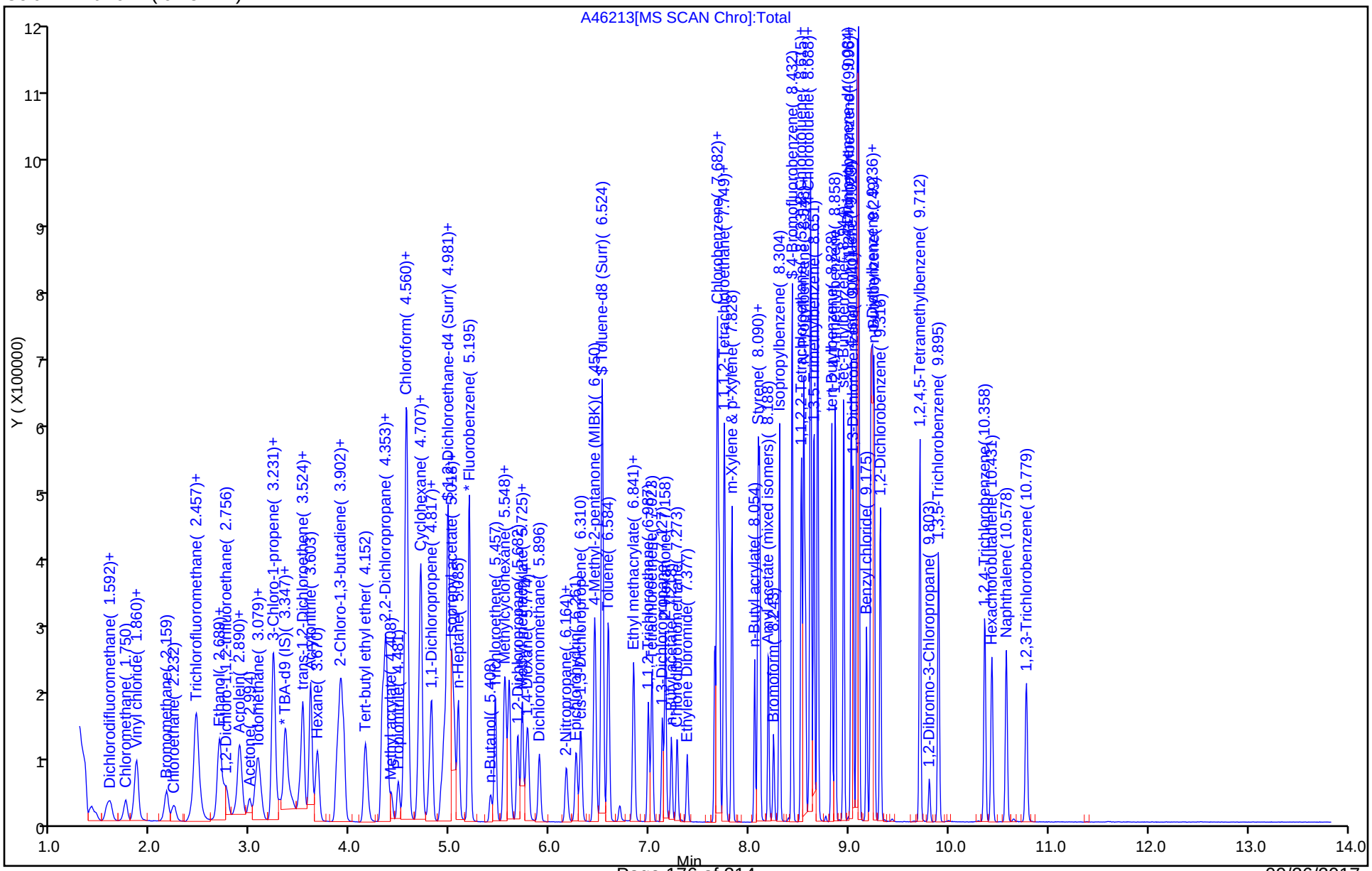
Report Date: 25-Sep-2017 15:09:01 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46213.D

Injection Date:	24-Sep-2017 05:14:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

TestAmerica Edison

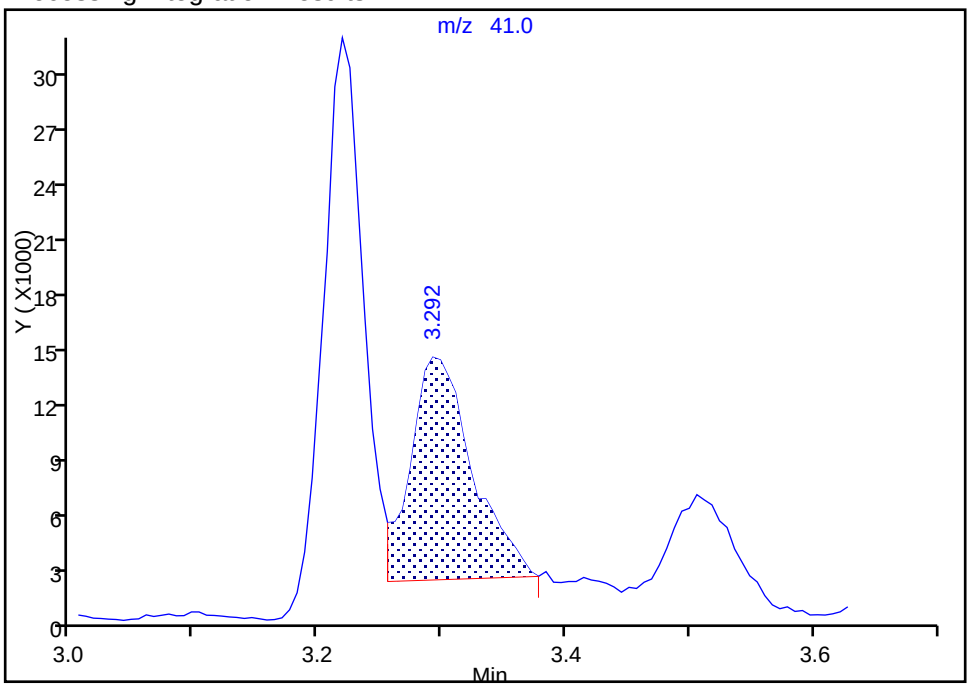
Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46213.D
Injection Date: 24-Sep-2017 05:14:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Acetonitrile, CAS: 75-05-8

Signal: 1

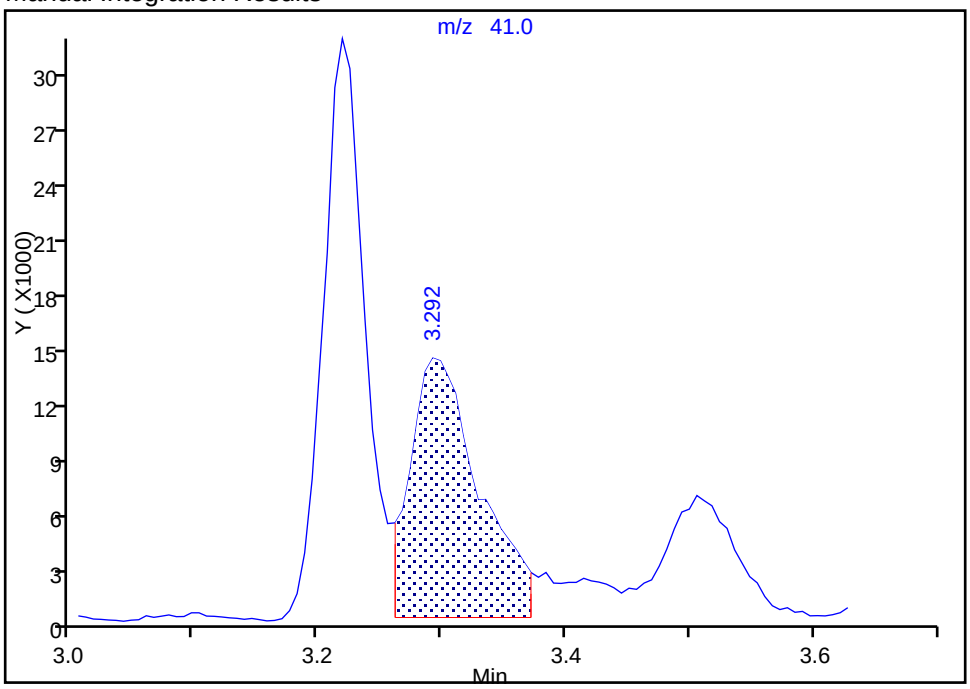
Processing Integration Results

RT: 3.29
Area: 42462
Amount: 174.6490
Amount Units: ug/l



Manual Integration Results

RT: 3.29
Area: 55582
Amount: 228.6124
Amount Units: ug/l



Reviewer: delpolitov, 25-Sep-2017 15:08:30
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43573.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	07-Aug-2017 05:50:30	ALS Bottle#:	100	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0058730-001				
Operator ID:	VOA GC/MS1	Instrument ID:	CVOAMS1		
Method:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\8260624W_1.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	07-Aug-2017 13:41:56	Calib Date:	07-Aug-2017 08:54:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK020				
First Level Reviewer: desais		Date:	07-Aug-2017 10:54:14		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.746	2.722	0.024	88	58312	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

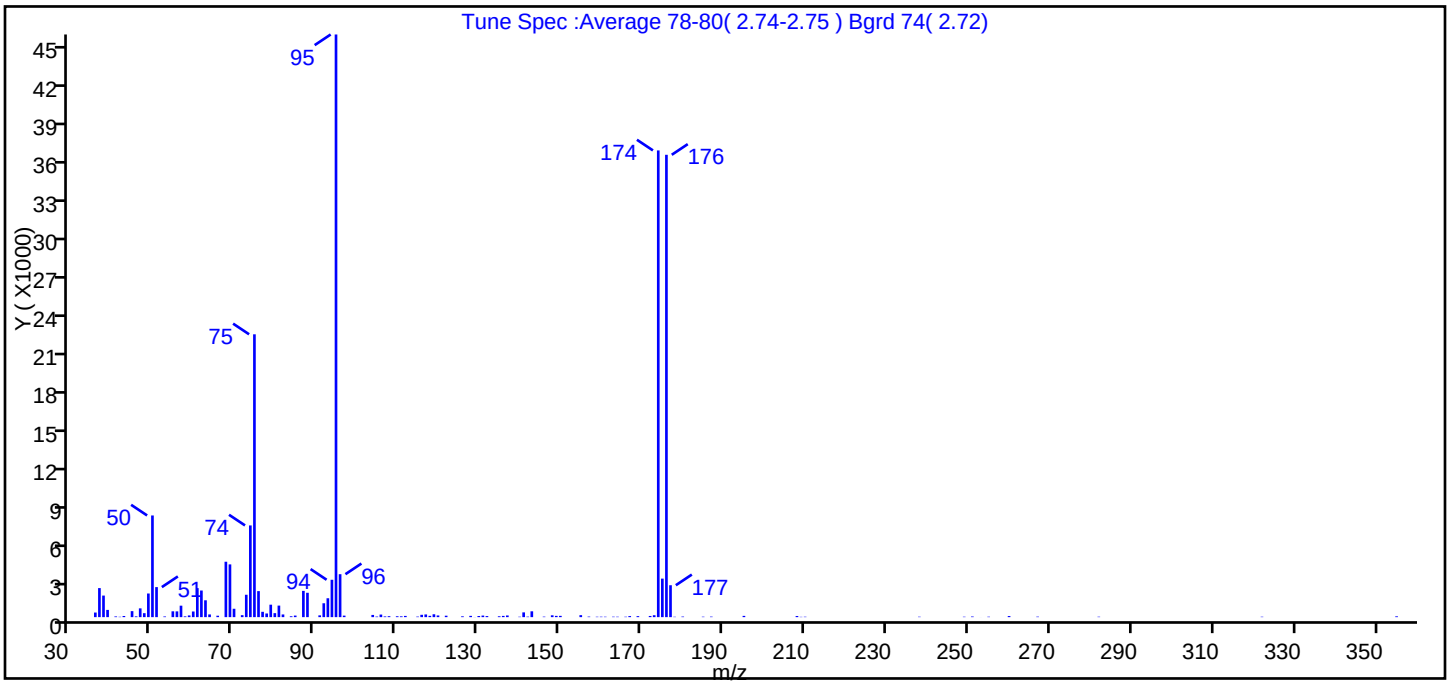
BFB_00015 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43573.D
Injection Date: 07-Aug-2017 05:50:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	48.5
96	5 to 9% of m/z 95	7.4
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	80.1
175	5 to 9% of m/z 174	6.6 (8.3)
176	Greater than 95% but less than 101% of m/z 174	79.4 (99.1)
177	5 to 9% of m/z 176	5.5 (6.9)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43573.D\8260624W_1.rslt\spectra.d
Injection Date: 07-Aug-2017 05:50:30
Spectrum: Tune Spec :Average 78-80(2.74-2.75) Bgrd 74(2.72)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	362	73.00	1761	116.00	184	166.00	33
37.00	2285	74.00	7214	117.00	213	167.00	84
38.00	1697	75.00	22248	118.00	102	169.00	79
39.00	570	76.00	2047	119.00	227	172.00	92
41.00	56	77.00	420	120.00	132	173.00	151
42.00	27	78.00	288	122.00	113	174.00	36712
43.00	90	79.00	980	126.00	64	175.00	3030
45.00	472	80.00	314	128.00	101	176.00	36368
46.00	60	81.00	908	129.00	7	177.00	2510
47.00	691	82.00	212	130.00	89	178.00	30
48.00	312	84.00	69	131.00	123	180.00	45
49.00	1860	85.00	123	132.00	84	185.00	35
50.00	7998	87.00	2066	135.00	68	187.00	41
51.00	2363	88.00	1916	136.00	98	195.00	99
53.00	53	91.00	140	137.00	131	208.00	88
55.00	459	92.00	1092	140.00	33	209.00	24
56.00	454	93.00	1486	141.00	375	210.00	33
57.00	902	94.00	2940	142.00	39	238.00	34
58.00	61	95.00	45832	143.00	460	249.00	33
59.00	134	96.00	3378	146.00	40	251.00	49
60.00	445	97.00	119	148.00	144	253.00	2
61.00	2284	104.00	174	149.00	100	255.00	34
62.00	2095	105.00	45	150.00	102	260.00	85
63.00	1326	106.00	203	155.00	156	267.00	39
64.00	213	107.00	55	157.00	43	282.00	34
66.00	112	108.00	74	159.00	33	322.00	33
68.00	4358	110.00	70	160.00	36	355.00	64
69.00	4150	111.00	63	161.00	34		
70.00	659	112.00	97	163.00	36		
72.00	155	115.00	43	164.00	34		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46212.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-Sep-2017 04:44:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0060822-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 24-Sep-2017 10:51:04 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: tupayachia Date: 24-Sep-2017 04:52:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.734	2.734	0.000	91	30452	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

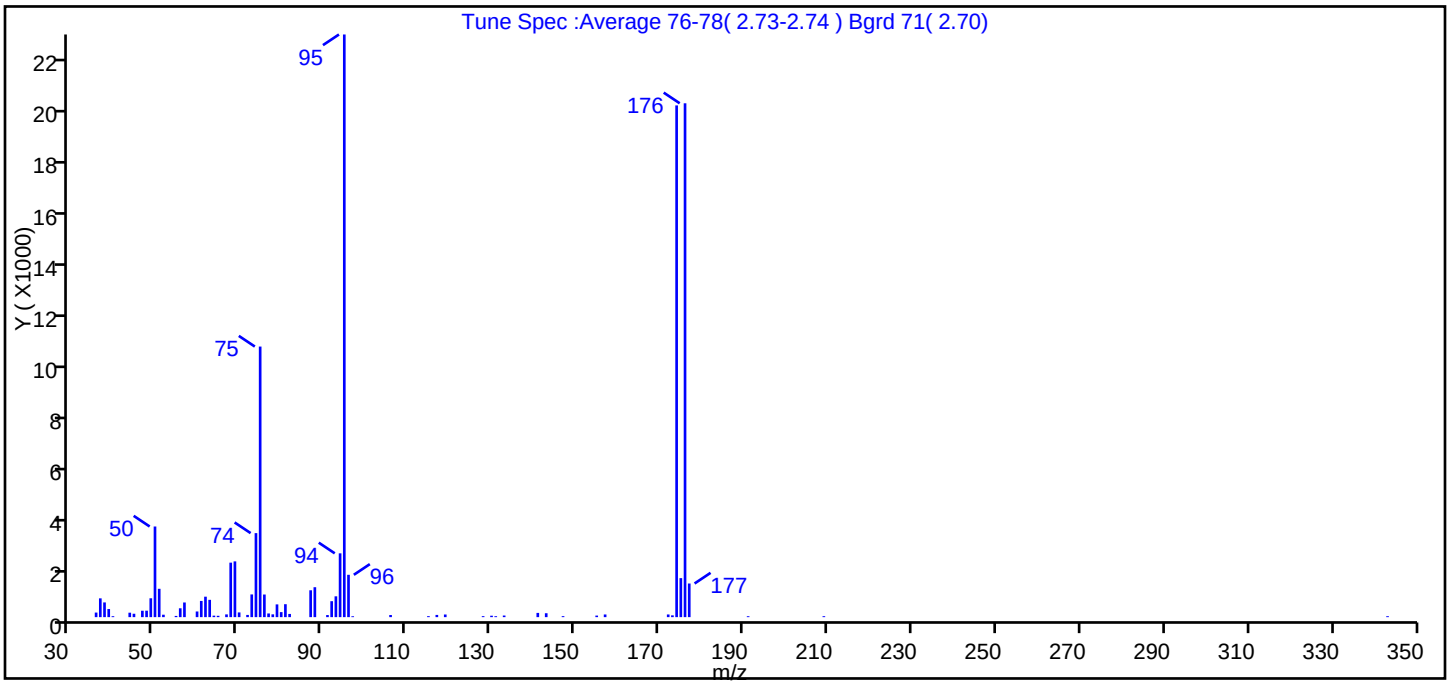
BFB_00015 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46212.D
Injection Date: 24-Sep-2017 04:44:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.6
75	30 to 60% of m/z 95	46.4
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	87.8
175	5 to 9% of m/z 174	6.7 (7.6)
176	Greater than 95% but less than 101% of m/z 174	88.2 (100.4)
177	5 to 9% of m/z 176	5.8 (6.5)

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46212.D\8260624W_1.rslt\spectra.d
Injection Date: 24-Sep-2017 04:44:30
Spectrum: Tune Spec :Average 76-78(2.73-2.74) Bgrd 71(2.70)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	173	61.00	612	80.00	190	130.00	54
37.00	710	62.00	773	81.00	489	131.00	35
38.00	556	63.00	654	82.00	121	133.00	61
39.00	306	64.00	56	87.00	1015	141.00	160
40.00	35	65.00	51	88.00	1131	143.00	148
44.00	168	67.00	104	91.00	79	147.00	37
45.00	128	68.00	2059	92.00	603	155.00	59
47.00	242	69.00	2107	93.00	787	157.00	101
48.00	244	70.00	178	94.00	2411	172.00	101
49.00	713	72.00	84	95.00	22016	173.00	68
50.00	3425	73.00	858	96.00	1600	174.00	19336
51.00	1071	74.00	3175	97.00	33	175.00	1474
52.00	92	75.00	10224	106.00	80	176.00	19416
55.00	46	76.00	855	115.00	37	177.00	1271
56.00	335	77.00	139	117.00	84	191.00	34
57.00	554	78.00	106	119.00	100	209.00	35
60.00	214	79.00	482	128.00	37	343.00	35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-464711/7

Matrix: Water | Lab File ID: A46218.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 07:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-464711/7

Matrix: Water | Lab File ID: A46218.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 07:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	113		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46218.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 24-Sep-2017 07:43:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0060822-007
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 15:13:27 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: delpolitov Date: 25-Sep-2017 15:13:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	3.359	3.354	0.005	97	137640	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	95	156220	250.0	250.0	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	120236	50.0	56.7	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	114951	50.0	49.5	
* 64 Fluorobenzene	96	5.194	5.195	-0.001	99	399866	50.0	50.0	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	85	16950	1000.0	1000.0	
$ 81 Toluene-d8 (Surr)	98	6.523	6.524	-0.001	100	395594	50.0	50.6	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	285415	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.432	8.432	0.000	96	141777	50.0	51.4	
* 119 1,4-Dichlorobenzene-d4	152	9.084	9.078	0.006	93	183465	50.0	50.0	

Reagents:

8260ISNEW_00113 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00159 Amount Added: 1.00 Units: uL Run Reagent

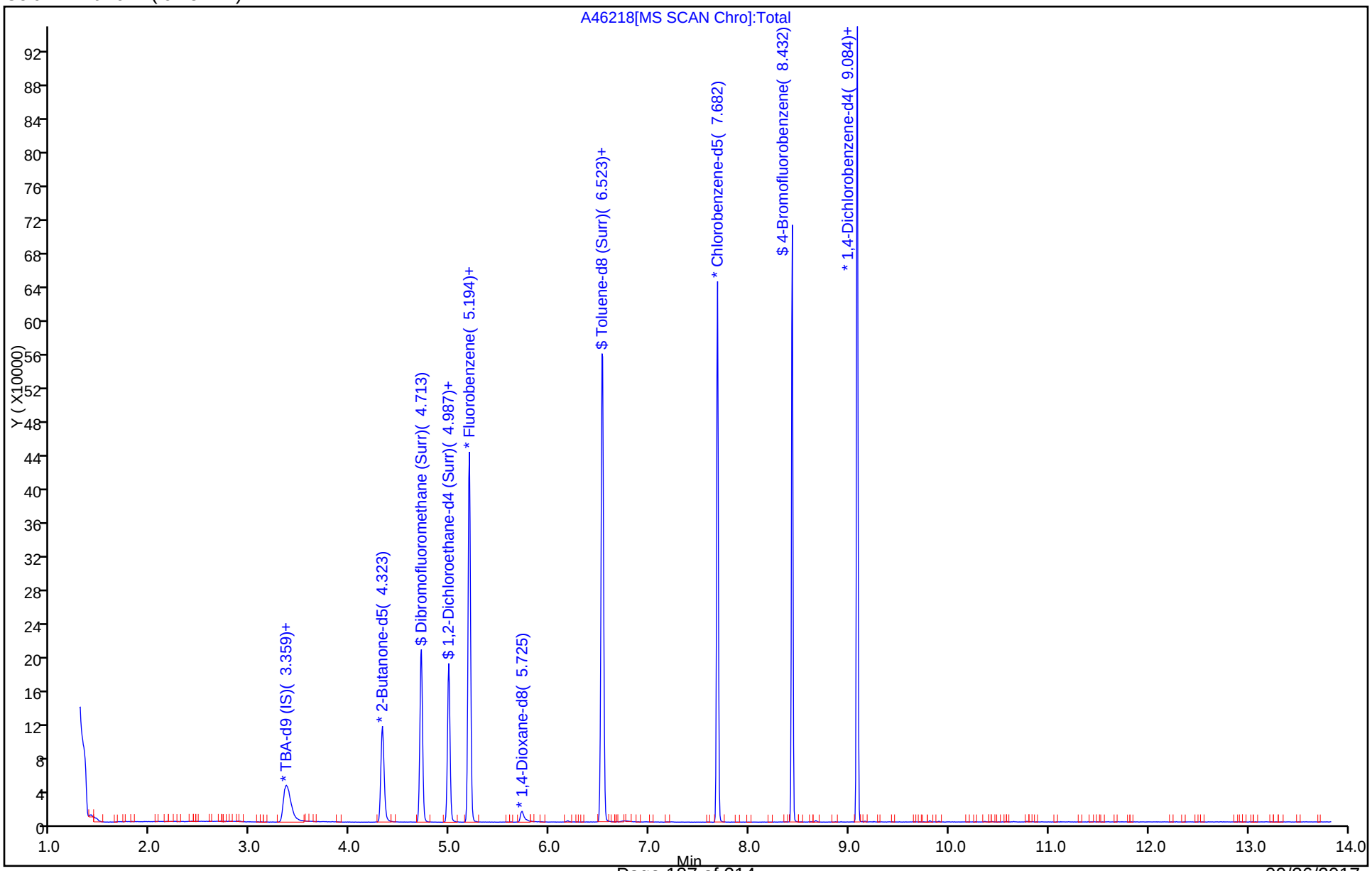
Report Date: 25-Sep-2017 15:13:44 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46218.D

Injection Date:	24-Sep-2017 07:43:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-464711/3

Matrix: Water | Lab File ID: A46214.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 05:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.5		1.0	0.34
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.080
75-34-3	1,1-Dichloroethane	20.3		1.0	0.24
75-35-4	1,1-Dichloroethene	24.2		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	17.8		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	16.0		1.0	0.23
95-50-1	1,2-Dichlorobenzene	22.1		1.0	0.22
107-06-2	1,2-Dichloroethane	20.8		1.0	0.25
78-87-5	1,2-Dichloropropane	20.1		1.0	0.18
541-73-1	1,3-Dichlorobenzene	22.0		1.0	0.33
106-46-7	1,4-Dichlorobenzene	22.7		1.0	0.33
123-91-1	1,4-Dioxane	449		50	8.7
78-93-3	2-Butanone (MEK)	132		5.0	2.2
591-78-6	2-Hexanone	108		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	0.63
67-64-1	Acetone	109		5.0	1.1
71-43-2	Benzene	20.4		1.0	0.090
75-25-2	Bromoform	21.5		1.0	0.18
74-83-9	Bromomethane	30.6		1.0	0.18
75-15-0	Carbon disulfide	19.5		1.0	0.22
56-23-5	Carbon tetrachloride	20.9		1.0	0.33
108-90-7	Chlorobenzene	22.9		1.0	0.24
74-97-5	Chlorobromomethane	23.9		1.0	0.30
124-48-1	Chlorodibromomethane	22.1		1.0	0.22
75-00-3	Chloroethane	25.9		1.0	0.37
67-66-3	Chloroform	21.5		1.0	0.22
74-87-3	Chloromethane	21.1		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	22.2		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.16
110-82-7	Cyclohexane	17.8		1.0	0.26
75-27-4	Dichlorobromomethane	20.2		1.0	0.15
75-71-8	Dichlorodifluoromethane	22.2		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-464711/3

Matrix: Water | Lab File ID: A46214.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 05:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.5		1.0	0.30
106-93-4	Ethylene Dibromide	22.1		1.0	0.19
98-82-8	Isopropylbenzene	20.8		1.0	0.32
79-20-9	Methyl acetate	82.0		5.0	0.58
1634-04-4	Methyl tert-butyl ether	19.3		1.0	0.13
108-87-2	Methylcyclohexane	21.0		1.0	0.22
75-09-2	Methylene Chloride	22.2		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	21.0		1.0	0.28
95-47-6	o-Xylene	21.4		1.0	0.32
100-42-5	Styrene	21.2		1.0	0.17
127-18-4	Tetrachloroethene	22.9		1.0	0.12
108-88-3	Toluene	20.5		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	22.4		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.19
79-01-6	Trichloroethene	21.4		1.0	0.22
75-69-4	Trichlorofluoromethane	28.7		1.0	0.15
75-01-4	Vinyl chloride	23.5		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46214.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 24-Sep-2017 05:37:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0060822-003
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 15:10:20 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: tupayachia Date: 24-Sep-2017 06:34:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.555	1.555	0.000	86	6569	20.0	17.0	
3 Dichlorodifluoromethane	85	1.585	1.585	0.000	99	55451	20.0	22.2	
4 Chloromethane	50	1.744	1.744	0.000	98	53376	20.0	21.1	
6 Butadiene	54	1.854	1.854	0.000	67	51525	20.0	21.5	
5 Vinyl chloride	62	1.854	1.854	0.000	97	59192	20.0	23.5	
7 Bromomethane	94	2.152	2.152	0.000	99	47319	20.0	30.6	
8 Chloroethane	64	2.232	2.232	0.000	98	35745	20.0	25.9	
10 Dichlorofluoromethane	67	2.445	2.445	0.000	99	85049	20.0	25.9	
9 Trichlorofluoromethane	101	2.451	2.451	0.000	63	77311	20.0	28.7	
11 Pentane	72	2.463	2.463	0.000	95	17214	40.0	45.6	
12 Ethanol	46	2.664	2.664	0.000	69	4757	800.0	757.1	
13 Ethyl ether	59	2.671	2.671	0.000	93	37118	20.0	19.5	
14 2-Methyl-1,3-butadiene	53	2.689	2.689	0.000	93	36310	20.0	19.1	
15 1,2-Dichloro-1,1,2-trifluo	117	2.744	2.744	0.000	82	41170	20.0	23.8	
16 Acrolein	56	2.860	2.860	0.000	31	4406	40.0	38.9	
17 1,1,2-Trichloro-1,2,2-trif	101	2.884	2.884	0.000	51	47750	20.0	24.5	
18 1,1-Dichloroethene	96	2.890	2.890	0.000	95	49577	20.0	24.2	
19 Acetone	58	2.994	2.994	0.000	90	20102	100.0	109.3	
20 Iodomethane	142	3.048	3.048	0.000	98	95028	20.0	24.4	
21 Carbon disulfide	76	3.079	3.079	0.000	98	155949	20.0	19.5	
22 Isopropyl alcohol	45	3.091	3.091	0.000	54	21223	200.0	207.8	
23 3-Chloro-1-propene	76	3.213	3.213	0.000	91	31763	20.0	20.0	
25 Cyclopentene	67	3.231	3.231	0.000	82	116567	20.0	19.6	
24 Methyl acetate	43	3.231	3.231	0.000	96	140960	100.0	82.0	
26 Acetonitrile	41	3.292	3.292	0.000	97	52865	200.0	226.1	M
27 Methylene Chloride	84	3.347	3.347	0.000	85	58229	20.0	22.2	
* 28 TBA-d9 (IS)	65	3.353	3.353	0.000	90	141432	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.426	3.426	0.000	91	38450	200.0	200.6	
30 Methyl tert-butyl ether	73	3.506	3.506	0.000	96	126600	20.0	19.3	
31 trans-1,2-Dichloroethene	96	3.524	3.524	0.000	92	57773	20.0	22.4	
32 Acrylonitrile	53	3.603	3.603	0.000	94	180651	200.0	191.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.670	3.670	0.000	87	34928	20.0	16.7	
34 Isopropyl ether	45	3.872	3.872	0.000	95	131499	20.0	16.5	
35 1,1-Dichloroethane	63	3.902	3.902	0.000	99	90837	20.0	20.3	
36 Vinyl acetate	86	3.908	3.908	0.000	99	21633	40.0	41.6	
37 2-Chloro-1,3-butadiene	88	3.932	3.932	0.000	87	49775	20.0	21.5	
38 Tert-butyl ethyl ether	59	4.152	4.152	0.000	90	130938	20.0	17.7	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	94	166166	250.0	250.0	
40 2,2-Dichloropropane	97	4.341	4.341	0.000	84	17857	20.0	19.0	
41 cis-1,2-Dichloroethene	96	4.353	4.353	0.000	99	65787	20.0	22.2	
42 Ethyl acetate	70	4.365	4.365	0.000	93	9684	40.0	53.8	
43 2-Butanone (MEK)	72	4.365	4.365	0.000	97	27449	100.0	132.1	
44 Methyl acrylate	55	4.414	4.414	0.000	99	38552	20.0	18.1	
45 Propionitrile	54	4.481	4.481	0.000	99	65838	200.0	187.2	
47 Tetrahydrofuran	72	4.536	4.536	0.000	63	11946	40.0	50.4	
46 Chlorobromomethane	128	4.542	4.542	0.000	83	32541	20.0	23.9	
48 Methacrylonitrile	67	4.560	4.560	0.000	87	207432	200.0	208.4	
49 Chloroform	83	4.585	4.585	0.000	99	92141	20.0	21.5	
50 Cyclohexane	56	4.688	4.688	0.000	86	76975	20.0	17.8	
51 1,1,1-Trichloroethane	97	4.701	4.701	0.000	96	69135	20.0	20.5	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	97	119614	50.0	54.4	
54 Carbon tetrachloride	117	4.798	4.798	0.000	97	60953	20.0	20.9	
55 1,1-Dichloropropene	75	4.816	4.816	0.000	98	68570	20.0	20.6	
56 Isobutyl alcohol	43	4.914	4.914	0.000	95	58175	500.0	504.1	
57 Isooctane	57	4.944	4.944	0.000	98	153668	20.0	21.6	
58 Benzene	78	4.975	4.975	0.000	95	207827	20.0	20.4	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	96	117602	50.0	48.9	
60 Isopropyl acetate	43	5.012	5.012	0.000	97	118558	20.0	16.2	
61 Tert-amyl methyl ether	73	5.018	5.018	0.000	95	158634	20.0	18.5	
62 1,2-Dichloroethane	62	5.042	5.042	0.000	96	61586	20.0	20.8	
63 n-Heptane	71	5.085	5.085	0.000	85	44471	20.0	20.5	
* 64 Fluorobenzene	96	5.194	5.194	0.000	100	414505	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	84	25853	500.0	522.7	
66 Trichloroethene	95	5.457	5.457	0.000	96	54050	20.0	21.4	
67 Ethyl acrylate	56	5.548	5.548	0.000	98	28568	20.0	18.8	
68 Methylcyclohexane	83	5.554	5.554	0.000	93	87762	20.0	21.0	
69 1,2-Dichloropropane	63	5.682	5.682	0.000	95	51921	20.0	20.1	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	39	19675	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	81	26442	40.0	41.6	
73 1,4-Dioxane	88	5.761	5.761	0.000	29	10535	400.0	449.4	
72 n-Propyl acetate	43	5.767	5.767	0.000	95	52289	20.0	16.2	
74 Dibromomethane	93	5.786	5.786	0.000	95	34973	20.0	22.5	
75 Dichlorobromomethane	83	5.896	5.896	0.000	99	63283	20.0	20.2	
76 2-Chloroethyl vinyl ether	63	6.164	6.164	0.000	90	28010	20.0	19.5	
77 2-Nitropropane	41	6.176	6.176	0.000	83	14996	40.0	25.7	
78 Epichlorohydrin	57	6.267	6.267	0.000	97	85073	400.0	499.7	
79 cis-1,3-Dichloropropene	75	6.316	6.316	0.000	86	82315	20.0	20.5	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	94	185108	100.0	104.7	
$ 81 Toluene-d8 (Surr)	98	6.523	6.523	0.000	99	427269	50.0	51.2	
82 Toluene	91	6.590	6.590	0.000	93	221469	20.0	20.5	
83 trans-1,3-Dichloropropene	75	6.840	6.840	0.000	98	68600	20.0	19.8	
84 Ethyl methacrylate	69	6.847	6.847	0.000	84	58658	20.0	18.6	
85 1,1,2-Trichloroethane	83	6.987	6.987	0.000	97	40268	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.023	7.023	0.000	96	59067	20.0	22.9	
87 1,3-Dichloropropane	76	7.133	7.133	0.000	88	76441	20.0	21.3	
88 2-Hexanone	43	7.157	7.157	0.000	93	122763	100.0	107.6	
89 n-Butyl acetate	73	7.218	7.218	0.000	97	12566	20.0	18.1	
90 Chlorodibromomethane	129	7.279	7.279	0.000	98	53352	20.0	22.1	
91 Ethylene Dibromide	107	7.377	7.377	0.000	97	48629	20.0	22.1	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	304920	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	98	155807	20.0	22.9	
94 Ethylbenzene	106	7.749	7.749	0.000	97	80541	20.0	21.5	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	52893	20.0	21.5	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	98	98930	20.0	21.0	
97 n-Butyl acrylate	73	8.054	8.054	0.000	99	37769	20.0	17.0	
98 o-Xylene	106	8.090	8.090	0.000	95	102058	20.0	21.4	
99 Styrene	104	8.102	8.102	0.000	97	174712	20.0	21.2	
100 Amyl acetate (mixed isomer	43	8.194	8.194	0.000	93	78960	20.0	13.8	
101 Bromoform	173	8.243	8.243	0.000	98	38498	20.0	21.5	
102 Isopropylbenzene	105	8.304	8.304	0.000	95	260436	20.0	20.8	
$ 103 4-Bromofluorobenzene	174	8.432	8.432	0.000	95	154895	50.0	52.6	
104 Bromobenzene	156	8.523	8.523	0.000	93	74245	20.0	21.5	
105 1,1,2,2-Tetrachloroethane	83	8.523	8.523	0.000	99	73823	20.0	19.8	
106 N-Propylbenzene	91	8.547	8.547	0.000	100	322066	20.0	19.6	
107 1,2,3-Trichloropropane	110	8.560	8.560	0.000	96	21298	20.0	21.1	
108 trans-1,4-Dichloro-2-buten	53	8.566	8.566	0.000	75	15809	20.0	15.7	
109 4-Ethyltoluene	105	8.614	8.614	0.000	98	278789	20.0	20.4	
110 2-Chlorotoluene	91	8.621	8.621	0.000	96	218874	20.0	19.6	
111 1,3,5-Trimethylbenzene	105	8.651	8.651	0.000	94	225227	20.0	19.9	
113 4-Chlorotoluene	91	8.682	8.682	0.000	97	198804	20.0	20.4	
112 Butyl Methacrylate	87	8.688	8.688	0.000	84	79397	20.0	18.0	
114 tert-Butylbenzene	119	8.828	8.828	0.000	96	196357	20.0	21.3	
115 1,2,4-Trimethylbenzene	105	8.858	8.858	0.000	96	236209	20.0	20.0	
116 sec-Butylbenzene	105	8.944	8.944	0.000	99	292331	20.0	21.2	
117 4-Isopropyltoluene	119	9.023	9.023	0.000	98	256897	20.0	21.3	
118 1,3-Dichlorobenzene	146	9.041	9.041	0.000	98	149156	20.0	22.0	
* 119 1,4-Dichlorobenzene-d4	152	9.078	9.078	0.000	95	195486	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.096	9.096	0.000	95	154965	20.0	22.7	
136 1,2,3-Trimethylbenzene	105	9.096	9.096	0.000	0	245307	20.0	20.5	
121 Benzyl chloride	91	9.175	9.175	0.000	99	133474	20.0	17.6	
122 2,3-Dihydroindene	117	9.218	9.218	0.000	92	275709	20.0	21.0	
123 p-Diethylbenzene	119	9.236	9.236	0.000	93	158215	20.0	21.0	
124 n-Butylbenzene	92	9.249	9.249	0.000	96	134785	20.0	21.9	
125 1,2-Dichlorobenzene	146	9.316	9.316	0.000	98	142202	20.0	22.1	
126 1,2,4,5-Tetramethylbenzene	119	9.712	9.712	0.000	98	227535	20.0	19.0	
127 1,2-Dibromo-3-Chloropropan	75	9.803	9.803	0.000	90	10952	20.0	16.0	
128 1,3,5-Trichlorobenzene	180	9.895	9.895	0.000	98	105980	20.0	21.8	
129 1,2,4-Trichlorobenzene	180	10.358	10.358	0.000	94	87062	20.0	19.5	
130 Hexachlorobutadiene	225	10.431	10.431	0.000	97	41752	20.0	20.2	
131 Naphthalene	128	10.578	10.578	0.000	99	182245	20.0	17.4	
132 1,2,3-Trichlorobenzene	180	10.779	10.779	0.000	96	63681	20.0	17.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.6	
S 134 Xylenes, Total	100				0		40.0	42.4	
S 135 Total BTEX	1				0		100.0	104.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00226	Amount Added:	20.00	Units: uL	
ACROLEIN W_00068	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00062	Amount Added:	20.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00159	Amount Added:	1.00	Units: uL	Run Reagent

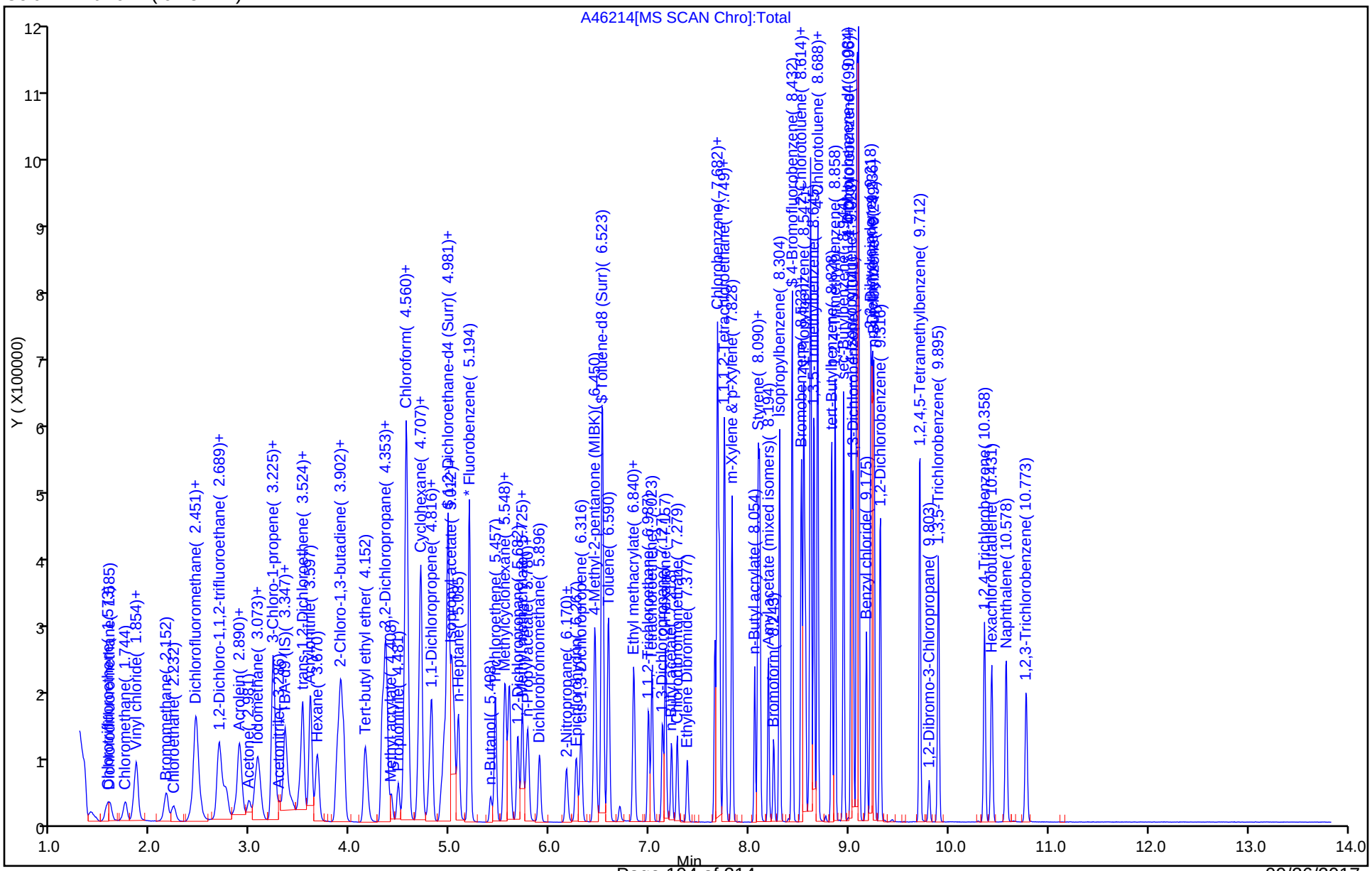
Report Date: 25-Sep-2017 15:10:22 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46214.D

Injection Date:	24-Sep-2017 05:37:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 MS | Lab Sample ID: 460-141360-2 MS

Matrix: Water | Lab File ID: A46227.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 11:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.0		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.080
75-34-3	1,1-Dichloroethane	19.5		1.0	0.24
75-35-4	1,1-Dichloroethene	22.7		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	13.7		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	14.9		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.22
107-06-2	1,2-Dichloroethane	19.4		1.0	0.25
78-87-5	1,2-Dichloropropane	18.8		1.0	0.18
541-73-1	1,3-Dichlorobenzene	21.1		1.0	0.33
106-46-7	1,4-Dichlorobenzene	21.4		1.0	0.33
123-91-1	1,4-Dioxane	395		50	8.7
78-93-3	2-Butanone (MEK)	125		5.0	2.2
591-78-6	2-Hexanone	109		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	0.63
67-64-1	Acetone	103		5.0	1.1
71-43-2	Benzene	19.2		1.0	0.090
75-25-2	Bromoform	17.6		1.0	0.18
74-83-9	Bromomethane	30.7		1.0	0.18
75-15-0	Carbon disulfide	15.4		1.0	0.22
56-23-5	Carbon tetrachloride	19.9		1.0	0.33
108-90-7	Chlorobenzene	21.8		1.0	0.24
74-97-5	Chlorobromomethane	23.0		1.0	0.30
124-48-1	Chlorodibromomethane	19.6		1.0	0.22
75-00-3	Chloroethane	29.0		1.0	0.37
67-66-3	Chloroform	20.7		1.0	0.22
74-87-3	Chloromethane	18.4		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.16
110-82-7	Cyclohexane	18.1		1.0	0.26
75-27-4	Dichlorobromomethane	18.5		1.0	0.15
75-71-8	Dichlorodifluoromethane	22.2		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 MS | Lab Sample ID: 460-141360-2 MS

Matrix: Water | Lab File ID: A46227.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 11:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.6		1.0	0.30
106-93-4	Ethylene Dibromide	21.1		1.0	0.19
98-82-8	Isopropylbenzene	19.5		1.0	0.32
79-20-9	Methyl acetate	79.9		5.0	0.58
1634-04-4	Methyl tert-butyl ether	18.6		1.0	0.13
108-87-2	Methylcyclohexane	21.7		1.0	0.22
75-09-2	Methylene Chloride	20.9		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	20.6		1.0	0.28
95-47-6	o-Xylene	20.2		1.0	0.32
100-42-5	Styrene	17.8		1.0	0.17
127-18-4	Tetrachloroethene	23.5		1.0	0.12
108-88-3	Toluene	19.3		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.19
79-01-6	Trichloroethene	20.6		1.0	0.22
75-69-4	Trichlorofluoromethane	30.2		1.0	0.15
75-01-4	Vinyl chloride	22.3		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	101		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46227.D
Lims ID: 460-141360-C-2 MS
Client ID: MW-6
Sample Type: MS
Inject. Date: 24-Sep-2017 11:11:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-2 MS
Misc. Info.: 460-0060822-016
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:01:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.561	1.561	0.000	85	7558	20.0	17.7	
3 Dichlorodifluoromethane	85	1.598	1.598	0.000	99	61465	20.0	22.2	
4 Chloromethane	50	1.750	1.750	0.000	98	51686	20.0	18.4	
6 Butadiene	54	1.860	1.854	0.006	75	60089	20.0	22.6	
5 Vinyl chloride	62	1.866	1.860	0.006	97	62210	20.0	22.3	
7 Bromomethane	94	2.165	2.159	0.006	99	52629	20.0	30.7	
8 Chloroethane	64	2.238	2.232	0.006	98	44178	20.0	29.0	
10 Dichlorofluoromethane	67	2.451	2.451	0.000	98	94653	20.0	26.0	
9 Trichlorofluoromethane	101	2.463	2.451	0.012	62	90019	20.0	30.2	
11 Pentane	72	2.463	2.457	0.006	96	20055	40.0	48.0	
12 Ethanol	46	2.671	2.659	0.012	69	5908	800.0	899.5	
13 Ethyl ether	59	2.677	2.677	0.000	93	39646	20.0	18.8	
14 2-Methyl-1,3-butadiene	53	2.701	2.689	0.012	93	38106	20.0	18.1	
15 1,2-Dichloro-1,1,2-trifluo	117	2.756	2.750	0.006	83	46319	20.0	24.1	
16 Acrolein	56	2.866	2.860	0.006	47	4204	40.0	35.4	
17 1,1,2-Trichloro-1,2,2-trif	101	2.884	2.884	0.000	97	51645	20.0	24.0	
18 1,1-Dichloroethene	96	2.896	2.890	0.006	95	51595	20.0	22.7	
19 Acetone	58	3.000	2.988	0.012	90	21196	100.0	102.8	
20 Iodomethane	142	3.061	3.061	0.000	97	97559	20.0	22.6	
21 Carbon disulfide	76	3.085	3.085	0.000	98	136388	20.0	15.4	
22 Isopropyl alcohol	45	3.103	3.104	-0.001	13	20708	200.0	193.9	
23 3-Chloro-1-propene	76	3.219	3.219	0.000	92	30759	20.0	17.5	
25 Cyclopentene	67	3.237	3.238	-0.001	83	126630	20.0	19.2	
24 Methyl acetate	43	3.237	3.238	-0.001	96	152078	100.0	79.9	
26 Acetonitrile	41	3.298	3.299	-0.001	96	44897	200.0	183.6	
27 Methylene Chloride	84	3.353	3.347	0.006	85	60912	20.0	20.9	
* 28 TBA-d9 (IS)	65	3.366	3.354	0.012	90	147889	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.433	3.427	0.006	91	38827	200.0	193.7	
30 Methyl tert-butyl ether	73	3.518	3.512	0.006	96	135318	20.0	18.6	
31 trans-1,2-Dichloroethene	96	3.530	3.524	0.006	91	61239	20.0	21.4	
32 Acrylonitrile	53	3.603	3.603	0.000	95	187760	200.0	179.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.670	3.671	-0.001	87	40696	20.0	17.5	
34 Isopropyl ether	45	3.878	3.878	0.000	93	139370	20.0	15.7	
35 1,1-Dichloroethane	63	3.902	3.896	0.006	99	96572	20.0	19.5	
36 Vinyl acetate	86	3.914	3.914	0.000	99	22724	40.0	39.5	
37 2-Chloro-1,3-butadiene	88	3.939	3.933	0.006	87	53025	20.0	20.6	
38 Tert-butyl ethyl ether	59	4.152	4.152	0.000	91	139850	20.0	17.0	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	96	186346	250.0	250.0	
40 2,2-Dichloropropane	97	4.347	4.347	0.000	64	18010	20.0	17.3	
41 cis-1,2-Dichloroethene	96	4.353	4.353	0.000	99	68938	20.0	21.0	
42 Ethyl acetate	70	4.371	4.366	0.005	93	10277	40.0	50.8	
43 2-Butanone (MEK)	72	4.371	4.366	0.005	97	29048	100.0	124.7	
44 Methyl acrylate	55	4.414	4.414	0.000	98	41971	20.0	17.8	
45 Propionitrile	54	4.487	4.481	0.006	99	70336	200.0	180.6	
47 Tetrahydrofuran	72	4.542	4.542	0.000	58	13644	40.0	51.4	
46 Chlorobromomethane	128	4.542	4.542	0.000	84	34599	20.0	23.0	
48 Methacrylonitrile	67	4.566	4.567	-0.001	87	219962	200.0	199.6	
49 Chloroform	83	4.585	4.585	0.000	98	98496	20.0	20.7	
50 Cyclohexane	56	4.695	4.695	0.000	88	86697	20.0	18.1	
51 1,1,1-Trichloroethane	97	4.707	4.701	0.006	95	74429	20.0	19.9	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	97	132856	50.0	54.6	
54 Carbon tetrachloride	117	4.798	4.798	0.000	97	64271	20.0	19.9	
55 1,1-Dichloropropene	75	4.816	4.817	-0.001	98	74581	20.0	20.2	
56 Isobutyl alcohol	43	4.914	4.920	-0.006	93	61346	500.0	508.3	
57 Isooctane	57	4.944	4.945	-0.001	99	164124	20.0	20.9	
53 2,4,4-Trimethyl-1-pentene	57	4.944	4.945	-0.001	86	164124		NC	
58 Benzene	78	4.975	4.975	0.000	95	218158	20.0	19.2	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	96	128152	50.0	48.1	
60 Isopropyl acetate	43	5.018	5.018	0.000	96	119609	20.0	14.8	
61 Tert-amyl methyl ether	73	5.024	5.024	0.000	90	170546	20.0	18.0	
62 1,2-Dichloroethane	62	5.042	5.042	0.000	97	63702	20.0	19.4	
63 n-Heptane	71	5.085	5.085	0.000	85	49007	20.0	20.4	
* 64 Fluorobenzene	96	5.194	5.195	-0.001	99	458947	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	85	26151	500.0	505.7	
66 Trichloroethene	95	5.457	5.457	0.000	95	57476	20.0	20.6	
67 Ethyl acrylate	56	5.548	5.548	0.000	98	32063	20.0	19.0	
68 Methylcyclohexane	83	5.554	5.554	0.000	91	100607	20.0	21.7	
69 1,2-Dichloropropane	63	5.682	5.676	0.006	94	53835	20.0	18.8	
* 71 1,4-Dioxane-d8	96	5.725	5.719	0.006	39	21419	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	80	28062	40.0	39.8	
73 1,4-Dioxane	88	5.767	5.768	-0.001	29	10088	400.0	395.3	
72 n-Propyl acetate	43	5.767	5.768	-0.001	95	56516	20.0	15.8	
74 Dibromomethane	93	5.786	5.786	0.000	94	36724	20.0	21.3	
75 Dichlorobromomethane	83	5.896	5.896	0.000	98	64275	20.0	18.5	
77 2-Nitropropane	41	6.176	6.176	0.000	98	15306	40.0	23.7	
78 Epichlorohydrin	57	6.267	6.268	-0.001	99	79816	400.0	418.0	
79 cis-1,3-Dichloropropene	75	6.316	6.316	0.000	87	84319	20.0	18.8	
80 4-Methyl-2-pentanone (MIBK	43	6.450	6.450	0.000	93	206363	100.0	104.1	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	100	470332	50.0	50.6	
82 Toluene	91	6.590	6.591	-0.001	92	232122	20.0	19.3	
83 trans-1,3-Dichloropropene	75	6.834	6.841	-0.007	97	70439	20.0	18.3	
84 Ethyl methacrylate	69	6.847	6.847	0.000	84	65440	20.0	18.7	
85 1,1,2-Trichloroethane	83	6.987	6.987	0.000	97	43288	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	7.023	7.024	-0.001	95	67627	20.0	23.5	
87 1,3-Dichloropropane	76	7.127	7.133	-0.006	89	82349	20.0	20.6	
88 2-Hexanone	43	7.157	7.158	-0.001	92	139002	100.0	108.7	
89 n-Butyl acetate	73	7.218	7.219	-0.001	96	14279	20.0	18.5	
90 Chlorodibromomethane	129	7.279	7.280	-0.001	97	52527	20.0	19.6	
91 Ethylene Dibromide	107	7.377	7.377	0.000	100	51709	20.0	21.1	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	339357	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	97	164933	20.0	21.8	
94 Ethylbenzene	106	7.749	7.749	0.000	97	85861	20.0	20.6	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	97	52706	20.0	19.2	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	98	107814	20.0	20.6	
97 n-Butyl acrylate	73	8.054	8.054	0.000	99	45042	20.0	18.2	
98 o-Xylene	106	8.090	8.090	0.000	95	107451	20.0	20.2	
99 Styrene	104	8.108	8.103	0.005	97	163249	20.0	17.8	
100 Amyl acetate (mixed isomer	43	8.194	8.188	0.006	94	89569	20.0	14.8	
101 Bromoform	173	8.249	8.243	0.006	99	35054	20.0	17.6	
102 Isopropylbenzene	105	8.310	8.304	0.006	95	271301	20.0	19.5	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	96	172265	50.0	52.5	
104 Bromobenzene	156	8.529	8.523	0.006	93	78073	20.0	21.3	
105 1,1,2,2-Tetrachloroethane	83	8.535	8.523	0.012	98	74834	20.0	19.0	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	335308	20.0	19.3	
107 1,2,3-Trichloropropane	110	8.572	8.560	0.012	97	21756	20.0	20.3	
108 trans-1,4-Dichloro-2-buten	53	8.572	8.566	0.006	75	12115	20.0	11.3	
109 4-Ethyltoluene	105	8.621	8.609	0.012	98	296177	20.0	20.5	
110 2-Chlorotoluene	91	8.627	8.621	0.006	96	225030	20.0	19.1	
111 1,3,5-Trimethylbenzene	105	8.657	8.645	0.012	94	224669	20.0	18.7	
113 4-Chlorotoluene	91	8.700	8.682	0.018	97	204753	20.0	19.9	
112 Butyl Methacrylate	87	8.700	8.688	0.012	83	81491	20.0	17.5	
114 tert-Butylbenzene	119	8.840	8.828	0.012	96	199638	20.0	20.5	
115 1,2,4-Trimethylbenzene	105	8.877	8.859	0.018	97	251153	20.0	20.1	
116 sec-Butylbenzene	105	8.968	8.944	0.024	99	293649	20.0	20.1	
117 4-Isopropyltoluene	119	9.041	9.023	0.018	98	251590	20.0	19.7	
118 1,3-Dichlorobenzene	146	9.066	9.041	0.025	98	151682	20.0	21.1	
* 119 1,4-Dichlorobenzene-d4	152	9.102	9.078	0.024	92	206993	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.114	9.090	0.024	96	154387	20.0	21.4	
136 1,2,3-Trimethylbenzene	105	9.120	9.096	0.024	0	236210	20.0	18.6	
121 Benzyl chloride	91	9.200	9.176	0.024	99	132014	20.0	16.4	
122 2,3-Dihydroindene	117	9.242	9.218	0.024	93	272541	20.0	19.6	
123 p-Diethylbenzene	119	9.261	9.237	0.024	92	181019	20.0	22.7	
124 n-Butylbenzene	92	9.273	9.249	0.024	97	130060	20.0	19.9	
125 1,2-Dichlorobenzene	146	9.340	9.310	0.030	98	139024	20.0	20.4	
126 1,2,4,5-Tetramethylbenzene	119	9.736	9.706	0.030	98	245157	20.0	19.3	
127 1,2-Dibromo-3-Chloropropan	75	9.834	9.803	0.031	60	10319	20.0	14.2	
128 1,3,5-Trichlorobenzene	180	9.925	9.895	0.030	97	86832	20.0	16.8	
129 1,2,4-Trichlorobenzene	180	10.389	10.358	0.031	93	70446	20.0	14.9	
130 Hexachlorobutadiene	225	10.468	10.431	0.037	94	31822	20.0	14.6	
131 Naphthalene	128	10.608	10.572	0.036	99	499507	20.0	45.0	
132 1,2,3-Trichlorobenzene	180	10.809	10.773	0.036	90	52042	20.0	13.7	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 134 Xylenes, Total	100				0		40.0	40.9	
S 135 Total BTEX	1				0		100.0	100.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GASES Li_00226	Amount Added:	20.00	Units: uL	
ACROLEIN W_00068	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00062	Amount Added:	20.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00159	Amount Added:	1.00	Units: uL	Run Reagent

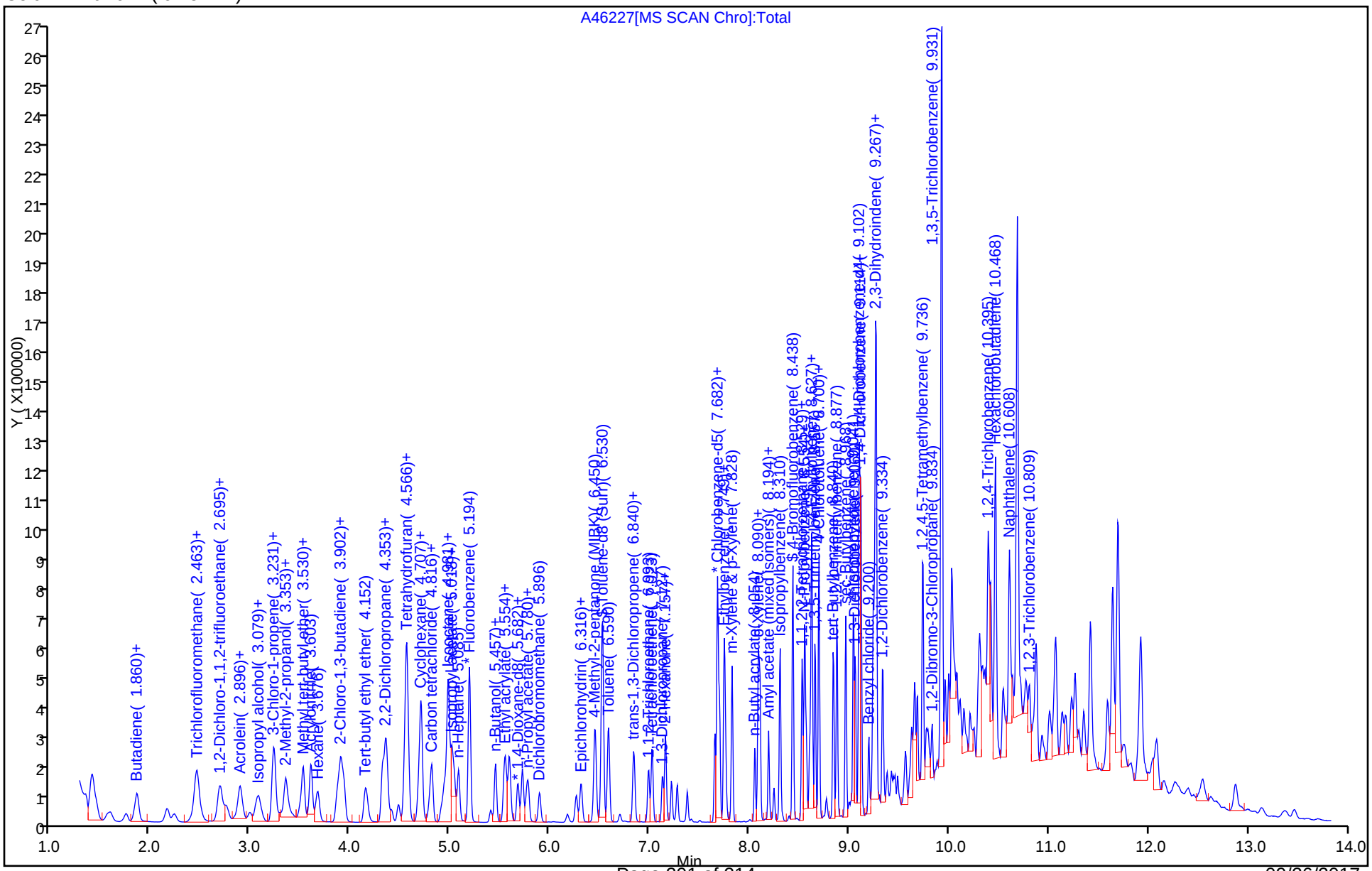
Report Date: 25-Sep-2017 08:12:46 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46227.D

Injection Date:	24-Sep-2017 11:11:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-2 MS			Worklist Smp#:	16
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 MSD | Lab Sample ID: 460-141360-2 MSD

Matrix: Water | Lab File ID: A46228.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.3		1.0	0.34
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.080
75-34-3	1,1-Dichloroethane	19.9		1.0	0.24
75-35-4	1,1-Dichloroethene	23.7		1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	16.3		1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	17.7		1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.1		1.0	0.22
107-06-2	1,2-Dichloroethane	19.5		1.0	0.25
78-87-5	1,2-Dichloropropane	19.4		1.0	0.18
541-73-1	1,3-Dichlorobenzene	21.5		1.0	0.33
106-46-7	1,4-Dichlorobenzene	21.6		1.0	0.33
123-91-1	1,4-Dioxane	437		50	8.7
78-93-3	2-Butanone (MEK)	127		5.0	2.2
591-78-6	2-Hexanone	106		5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	0.63
67-64-1	Acetone	99.9		5.0	1.1
71-43-2	Benzene	19.8		1.0	0.090
75-25-2	Bromoform	18.3		1.0	0.18
74-83-9	Bromomethane	31.0		1.0	0.18
75-15-0	Carbon disulfide	16.1		1.0	0.22
56-23-5	Carbon tetrachloride	20.3		1.0	0.33
108-90-7	Chlorobenzene	22.2		1.0	0.24
74-97-5	Chlorobromomethane	22.8		1.0	0.30
124-48-1	Chlorodibromomethane	20.0		1.0	0.22
75-00-3	Chloroethane	28.7		1.0	0.37
67-66-3	Chloroform	21.1		1.0	0.22
74-87-3	Chloromethane	19.5		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	21.5		1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.16
110-82-7	Cyclohexane	18.6		1.0	0.26
75-27-4	Dichlorobromomethane	19.1		1.0	0.15
75-71-8	Dichlorodifluoromethane	22.7		1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 MSD | Lab Sample ID: 460-141360-2 MSD

Matrix: Water | Lab File ID: A46228.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.2		1.0	0.30
106-93-4	Ethylene Dibromide	21.7		1.0	0.19
98-82-8	Isopropylbenzene	20.4		1.0	0.32
79-20-9	Methyl acetate	78.1		5.0	0.58
1634-04-4	Methyl tert-butyl ether	18.9		1.0	0.13
108-87-2	Methylcyclohexane	22.0		1.0	0.22
75-09-2	Methylene Chloride	21.5		1.0	0.21
179601-23-1	m-Xylene & p-Xylene	21.0		1.0	0.28
95-47-6	o-Xylene	20.5		1.0	0.32
100-42-5	Styrene	18.4		1.0	0.17
127-18-4	Tetrachloroethene	24.1		1.0	0.12
108-88-3	Toluene	20.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	22.5		1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.19
79-01-6	Trichloroethene	21.1		1.0	0.22
75-69-4	Trichlorofluoromethane	31.0		1.0	0.15
75-01-4	Vinyl chloride	23.7		1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		74-132
460-00-4	4-Bromofluorobenzene	106		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46228.D
Lims ID: 460-141360-C-2 MSD
Client ID: MW-6
Sample Type: MSD
Inject. Date: 24-Sep-2017 11:34:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-141360-C-2 MSD
Misc. Info.: 460-0060822-017
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1

Method: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2017 08:09:12 Calib Date: 07-Aug-2017 08:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS1\20170807-58730.b\A43581.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: moroneyc Date: 25-Sep-2017 08:02:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.567	1.561	0.006	85	7227	20.0	16.6	
3 Dichlorodifluoromethane	85	1.592	1.598	-0.006	99	63952	20.0	22.7	
4 Chloromethane	50	1.750	1.750	0.000	98	55879	20.0	19.5	
6 Butadiene	54	1.860	1.854	0.006	70	63179	20.0	23.3	
5 Vinyl chloride	62	1.866	1.860	0.006	98	67282	20.0	23.7	
7 Bromomethane	94	2.165	2.159	0.006	100	54241	20.0	31.0	
8 Chloroethane	64	2.232	2.232	0.000	98	44596	20.0	28.7	
10 Dichlorofluoromethane	67	2.451	2.451	0.000	98	96875	20.0	26.1	
9 Trichlorofluoromethane	101	2.457	2.451	0.006	63	94293	20.0	31.0	
11 Pentane	72	2.470	2.457	0.013	96	20836	40.0	48.9	
12 Ethanol	46	2.683	2.659	0.024	62	6691	800.0	968.1	
13 Ethyl ether	59	2.677	2.677	0.000	94	41374	20.0	19.3	
14 2-Methyl-1,3-butadiene	53	2.695	2.689	0.006	93	39651	20.0	18.5	
15 1,2-Dichloro-1,1,2-trifluo	117	2.750	2.750	0.000	84	47551	20.0	24.3	
16 Acrolein	56	2.860	2.860	0.000	90	4882	40.0	39.2	
17 1,1,2-Trichloro-1,2,2-trif	101	2.884	2.884	0.000	98	53423	20.0	24.3	
18 1,1-Dichloroethene	96	2.896	2.890	0.006	96	54889	20.0	23.7	
19 Acetone	58	3.000	2.988	0.012	90	21032	100.0	99.9	
20 Iodomethane	142	3.055	3.061	-0.006	97	102080	20.0	23.2	
21 Carbon disulfide	76	3.085	3.085	0.000	98	144765	20.0	16.1	
22 Isopropyl alcohol	45	3.091	3.104	-0.013	54	23314	200.0	207.4	
23 3-Chloro-1-propene	76	3.226	3.219	0.007	91	32666	20.0	18.2	
25 Cyclopentene	67	3.238	3.238	0.000	85	132750	20.0	19.8	
24 Methyl acetate	43	3.238	3.238	0.000	96	151499	100.0	78.1	
26 Acetonitrile	41	3.305	3.299	0.006	97	44160	200.0	171.6	
27 Methylene Chloride	84	3.347	3.347	0.000	84	63822	20.0	21.5	
* 28 TBA-d9 (IS)	65	3.360	3.354	0.006	90	155653	1000.0	1000.0	
29 2-Methyl-2-propanol	59	3.427	3.427	0.000	91	41641	200.0	197.4	
30 Methyl tert-butyl ether	73	3.512	3.512	0.000	96	140095	20.0	18.9	
31 trans-1,2-Dichloroethene	96	3.530	3.524	0.006	91	65531	20.0	22.5	
32 Acrylonitrile	53	3.604	3.603	0.001	95	189936	200.0	178.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	43	3.677	3.671	0.006	88	42415	20.0	17.9	
34 Isopropyl ether	45	3.872	3.878	-0.006	95	146577	20.0	16.2	
35 1,1-Dichloroethane	63	3.902	3.896	0.006	99	100726	20.0	19.9	
36 Vinyl acetate	86	3.908	3.914	-0.006	99	23376	40.0	39.9	
37 2-Chloro-1,3-butadiene	88	3.939	3.933	0.006	87	53758	20.0	20.5	
38 Tert-butyl ethyl ether	59	4.152	4.152	0.000	91	147876	20.0	17.7	
* 39 2-Butanone-d5	46	4.323	4.323	0.000	92	190221	250.0	250.0	
40 2,2-Dichloropropane	97	4.335	4.347	-0.012	67	19371	20.0	18.3	
41 cis-1,2-Dichloroethene	96	4.353	4.353	0.000	99	72004	20.0	21.5	
42 Ethyl acetate	70	4.372	4.366	0.006	93	10284	40.0	49.8	
43 2-Butanone (MEK)	72	4.372	4.366	0.006	97	30270	100.0	127.3	
44 Methyl acrylate	55	4.414	4.414	0.000	58	42130	20.0	17.5	
45 Propionitrile	54	4.481	4.481	0.000	99	71713	200.0	180.6	
47 Tetrahydrofuran	72	4.542	4.542	0.000	58	13545	40.0	49.9	
46 Chlorobromomethane	128	4.542	4.542	0.000	85	35009	20.0	22.8	
48 Methacrylonitrile	67	4.567	4.567	0.000	86	224845	200.0	200.1	
49 Chloroform	83	4.585	4.585	0.000	98	102026	20.0	21.1	
50 Cyclohexane	56	4.695	4.695	0.000	85	90883	20.0	18.6	
51 1,1,1-Trichloroethane	97	4.707	4.701	0.006	96	77840	20.0	20.4	
$ 52 Dibromofluoromethane (Surr	113	4.713	4.713	0.000	98	134700	50.0	54.3	
54 Carbon tetrachloride	117	4.798	4.798	0.000	97	66735	20.0	20.3	
55 1,1-Dichloropropene	75	4.817	4.817	0.000	97	78117	20.0	20.8	
56 Isobutyl alcohol	43	4.914	4.920	-0.006	94	60742	500.0	478.2	
57 Isooctane	57	4.945	4.945	0.000	98	175157	20.0	21.8	
58 Benzene	78	4.975	4.975	0.000	95	227199	20.0	19.8	
$ 59 1,2-Dichloroethane-d4 (Sur	65	4.987	4.987	0.000	95	126913	50.0	46.7	
60 Isopropyl acetate	43	5.018	5.018	0.000	96	122587	20.0	14.9	
61 Tert-amyl methyl ether	73	5.024	5.024	0.000	90	177660	20.0	18.3	
62 1,2-Dichloroethane	62	5.048	5.042	0.006	95	65313	20.0	19.5	
63 n-Heptane	71	5.085	5.085	0.000	85	49659	20.0	20.3	
* 64 Fluorobenzene	96	5.195	5.195	0.000	99	468027	50.0	50.0	
65 n-Butanol	56	5.408	5.408	0.000	86	27833	500.0	511.4	
66 Trichloroethene	95	5.457	5.457	0.000	96	60065	20.0	21.1	
67 Ethyl acrylate	56	5.548	5.548	0.000	97	32935	20.0	19.2	
68 Methylcyclohexane	83	5.554	5.554	0.000	92	103762	20.0	22.0	
69 1,2-Dichloropropane	63	5.676	5.676	0.000	94	56464	20.0	19.4	
* 71 1,4-Dioxane-d8	96	5.719	5.719	0.000	42	22218	1000.0	1000.0	
70 Methyl methacrylate	100	5.725	5.725	0.000	81	28672	40.0	39.9	
73 1,4-Dioxane	88	5.762	5.768	-0.006	32	11560	400.0	436.6	
72 n-Propyl acetate	43	5.768	5.768	0.000	95	58008	20.0	15.9	
74 Dibromomethane	93	5.780	5.786	-0.006	95	37998	20.0	21.6	
75 Dichlorobromomethane	83	5.896	5.896	0.000	99	67578	20.0	19.1	
77 2-Nitropropane	41	6.176	6.176	0.000	98	14843	40.0	22.6	
78 Epichlorohydrin	57	6.268	6.268	0.000	98	81483	400.0	418.1	
79 cis-1,3-Dichloropropene	75	6.310	6.316	-0.006	87	88927	20.0	19.6	
80 4-Methyl-2-pentanone (MIBK	43	6.451	6.450	0.000	93	209577	100.0	103.6	
$ 81 Toluene-d8 (Surr)	98	6.530	6.524	0.006	99	484266	50.0	51.5	
82 Toluene	91	6.591	6.591	0.000	93	243375	20.0	20.0	
83 trans-1,3-Dichloropropene	75	6.835	6.841	-0.006	97	74092	20.0	19.0	
84 Ethyl methacrylate	69	6.847	6.847	0.000	85	65582	20.0	18.4	
85 1,1,2-Trichloroethane	83	6.987	6.987	0.000	97	43736	20.0	19.9	
86 Tetrachloroethene	166	7.024	7.024	0.000	96	70063	20.0	24.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,3-Dichloropropane	76	7.127	7.133	-0.006	88	84036	20.0	20.8	
88 2-Hexanone	43	7.158	7.158	0.000	91	139010	100.0	106.5	
89 n-Butyl acetate	73	7.225	7.219	0.006	95	14989	20.0	19.2	
90 Chlorodibromomethane	129	7.280	7.280	0.000	98	54355	20.0	20.0	
91 Ethylene Dibromide	107	7.377	7.377	0.000	99	53693	20.0	21.7	
* 92 Chlorobenzene-d5	117	7.682	7.682	0.000	83	343380	50.0	50.0	
93 Chlorobenzene	112	7.700	7.700	0.000	97	169569	20.0	22.2	
94 Ethylbenzene	106	7.749	7.749	0.000	97	89618	20.0	21.2	
95 1,1,1,2-Tetrachloroethane	131	7.761	7.761	0.000	96	56139	20.0	20.2	
96 m-Xylene & p-Xylene	106	7.828	7.828	0.000	98	111430	20.0	21.0	
97 n-Butyl acrylate	73	8.054	8.054	0.000	98	46529	20.0	18.6	
98 o-Xylene	106	8.090	8.090	0.000	95	109947	20.0	20.5	
99 Styrene	104	8.109	8.103	0.006	97	171009	20.0	18.4	
100 Amyl acetate (mixed isomer	43	8.194	8.188	0.006	92	90708	20.0	14.3	
101 Bromoform	173	8.249	8.243	0.006	98	36883	20.0	18.3	
102 Isopropylbenzene	105	8.310	8.304	0.006	95	287544	20.0	20.4	
$ 103 4-Bromofluorobenzene	174	8.438	8.432	0.006	98	175099	50.0	52.8	
104 Bromobenzene	156	8.529	8.523	0.006	93	80807	20.0	21.1	
105 1,1,2,2-Tetrachloroethane	83	8.529	8.523	0.006	99	77724	20.0	18.9	
106 N-Propylbenzene	91	8.554	8.548	0.006	99	355377	20.0	19.6	
107 1,2,3-Trichloropropane	110	8.572	8.560	0.012	98	22983	20.0	20.5	
108 trans-1,4-Dichloro-2-buten	53	8.572	8.566	0.006	72	12339	20.0	11.1	
109 4-Ethyltoluene	105	8.621	8.609	0.012	98	302178	20.0	20.0	
110 2-Chlorotoluene	91	8.627	8.621	0.006	96	233295	20.0	18.9	
111 1,3,5-Trimethylbenzene	105	8.657	8.645	0.012	94	231105	20.0	18.4	
113 4-Chlorotoluene	91	8.694	8.682	0.012	97	211654	20.0	19.7	
112 Butyl Methacrylate	87	8.700	8.688	0.012	82	89199	20.0	18.3	
114 tert-Butylbenzene	119	8.840	8.828	0.012	96	214310	20.0	21.1	
115 1,2,4-Trimethylbenzene	105	8.877	8.859	0.018	96	241885	20.0	18.5	
116 sec-Butylbenzene	105	8.962	8.944	0.018	99	318365	20.0	20.9	
117 4-Isopropyltoluene	119	9.041	9.023	0.018	98	273693	20.0	20.5	
118 1,3-Dichlorobenzene	146	9.060	9.041	0.019	98	161546	20.0	21.5	
* 119 1,4-Dichlorobenzene-d4	152	9.096	9.078	0.018	93	216265	50.0	50.0	
120 1,4-Dichlorobenzene	146	9.109	9.090	0.019	95	163113	20.0	21.6	
136 1,2,3-Trimethylbenzene	105	9.115	9.096	0.019	0	243656	20.0	18.4	
121 Benzyl chloride	91	9.194	9.176	0.018	99	135285	20.0	16.1	
122 2,3-Dihydroindene	117	9.237	9.218	0.019	92	282570	20.0	19.5	
123 p-Diethylbenzene	119	9.255	9.237	0.018	95	164946	20.0	19.8	
124 n-Butylbenzene	92	9.267	9.249	0.018	97	138715	20.0	20.3	
125 1,2-Dichlorobenzene	146	9.334	9.310	0.024	99	150130	20.0	21.1	
126 1,2,4,5-Tetramethylbenzene	119	9.730	9.706	0.024	98	225728	20.0	17.0	
127 1,2-Dibromo-3-Chloropropan	75	9.822	9.803	0.019	94	10730	20.0	14.2	
128 1,3,5-Trichlorobenzene	180	9.919	9.895	0.024	97	101961	20.0	18.9	
129 1,2,4-Trichlorobenzene	180	10.383	10.358	0.025	93	87224	20.0	17.7	
130 Hexachlorobutadiene	225	10.456	10.431	0.025	97	41714	20.0	18.3	
131 Naphthalene	128	10.602	10.572	0.030	99	249003	20.0	21.5	
132 1,2,3-Trichlorobenzene	180	10.803	10.773	0.030	95	64622	20.0	16.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.0	
S 134 Xylenes, Total	100				0		40.0	41.5	
S 135 Total BTEX	1				0		100.0	102.5	

Reagents:

GASES Li_00226	Amount Added:	20.00	Units: uL	
ACROLEIN W_00068	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00062	Amount Added:	20.00	Units: uL	
8260ISNEW_00113	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00159	Amount Added:	1.00	Units: uL	Run Reagent

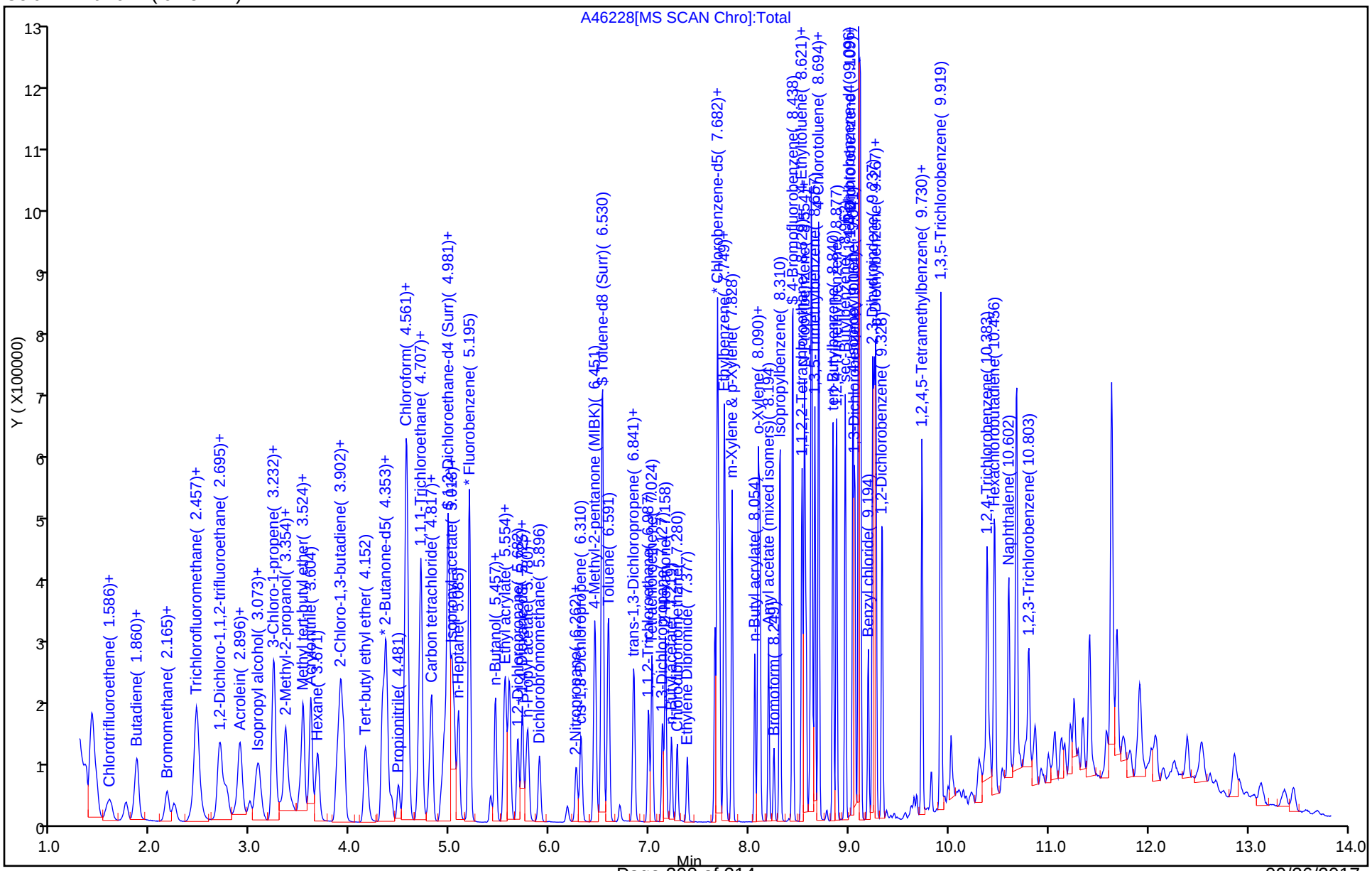
Report Date: 25-Sep-2017 08:12:48 Chrom Revision: 2.2 16-Aug-2017 16:24:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS1\20170924-60822.b\A46228.D

Injection Date:	24-Sep-2017 11:34:30	Instrument ID:	CVOAMS1	Operator ID:	VOA GC/MS1
Lims ID:	460-141360-C-2 MSD			Worklist Smp#:	17
Client ID:	MW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 08/07/2017 05:50

Analysis Batch Number: 454423 End Date: 08/07/2017 17:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-454423/1		08/07/2017 05:50	1	A43573.D	Rtx-624 0.25(mm)
STD8 460-454423/2 IC		08/07/2017 06:15	1	A43574.D	Rtx-624 0.25(mm)
STD1 460-454423/4 IC		08/07/2017 07:01	1	A43576.D	Rtx-624 0.25(mm)
STD5 460-454423/5 IC		08/07/2017 07:23	1	A43577.D	Rtx-624 0.25(mm)
STD20 460-454423/6 ICIS		08/07/2017 07:46	1	A43578.D	Rtx-624 0.25(mm)
STD50 460-454423/7 IC		08/07/2017 08:09	1	A43579.D	Rtx-624 0.25(mm)
STD200 460-454423/8 IC		08/07/2017 08:31	1	A43580.D	Rtx-624 0.25(mm)
STD500 460-454423/9 IC		08/07/2017 08:54	1	A43581.D	Rtx-624 0.25(mm)
ICV 460-454423/14		08/07/2017 11:02	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 11:37	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 11:59	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 13:09	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 13:32	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 13:55	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 14:18	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 14:41	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 15:04	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 15:26	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 15:49	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 16:12	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 16:35	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 16:57	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 17:20	1		Rtx-624 0.25(mm)
ZZZZZ		08/07/2017 17:43	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 09/24/2017 04:44

Analysis Batch Number: 464711 End Date: 09/24/2017 18:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-464711/1		09/24/2017 04:44	1	A46212.D	Rtx-624 0.25(mm)
CCVIS 460-464711/2		09/24/2017 05:14	1	A46213.D	Rtx-624 0.25(mm)
LCS 460-464711/3		09/24/2017 05:37	1	A46214.D	Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 06:00	1		Rtx-624 0.25(mm)
MB 460-464711/7		09/24/2017 07:43	1	A46218.D	Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 08:06	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 08:30	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 08:52	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 09:15	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 09:39	1		Rtx-624 0.25(mm)
460-141360-1		09/24/2017 10:02	1	A46224.D	Rtx-624 0.25(mm)
460-141360-2		09/24/2017 10:25	1	A46225.D	Rtx-624 0.25(mm)
460-141360-2 MS		09/24/2017 11:11	1	A46227.D	Rtx-624 0.25(mm)
460-141360-2 MSD		09/24/2017 11:34	1	A46228.D	Rtx-624 0.25(mm)
460-141360-5		09/24/2017 12:21	1	A46230.D	Rtx-624 0.25(mm)
460-141360-9		09/24/2017 12:44	1	A46231.D	Rtx-624 0.25(mm)
460-141360-3		09/24/2017 13:07	1	A46232.D	Rtx-624 0.25(mm)
460-141360-4		09/24/2017 13:30	1	A46233.D	Rtx-624 0.25(mm)
460-141360-6		09/24/2017 13:53	1	A46234.D	Rtx-624 0.25(mm)
460-141360-7		09/24/2017 14:16	1	A46235.D	Rtx-624 0.25(mm)
460-141360-8		09/24/2017 14:39	1	A46236.D	Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 15:02	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 15:26	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 15:48	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 16:11	1		Rtx-624 0.25(mm)
ZZZZZ		09/24/2017 18:29	1		Rtx-624 0.25(mm)

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) John Bukoski	Samplers Name (Printed) John B	Site/Project Identification 900 Woodbury
Company FPM	P. O. # 1125G-17-15	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program:
Address 909 Marconi Ave	Analysis Turnaround Time: Standard ☒	
City Ronkonkoma State NY 11779	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 631-737-6200 Fax		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

460-141360 Chain of Custody

LAB USE ONLY
Project No:
Job No: 141360

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOCs	Sample Numbers
MW-5	9/15/17	0700	GW	3	✓	1
MW-6		0730		9	✓	2
MW-1		0820		3	✓	3
MW-1D		0825		3	✓	4
FB		0830		3	✓	5
MW-2		0900		3	✓	6
MW-3		0940		3	✓	7
MW-4		1030		3	✓	8
TRIP BLANK	↓			2	✓	9

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:
6 = Other _____, 7 = Other _____ — Water: X

Special Instructions MS/MSD on MW-6 ASP CAT B

Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)	John S Bukoski	9/19/17 FPM	9/19/17 1032		
2)		T. 12	9/19/17 17:40	9/19/17 1740	TA Edison
3)					
4)					

5-Day RUSH

Laboratory Certifica... sey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), ...orth Carolina (No. 578) 7/2.7 IRP & NOE

09/26/2017

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TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 141360

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.7 °C	2.7 °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: _____ Date: 9/9/17

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-141360-1

Login Number: 141360
List Number: 1
Creator: Villanueva, Angelica P

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.	True	
Sample custody seals, if present, are intact.	True	
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	2.7°C IR9
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").	False	See NCM
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT C

DATA USABILITY SUMMARY REPORT

FPM

DATA USABILITY SUMMARY REPORT
IZZY'S DRY CLEANER FACILITY
September 8, 2017 Groundwater Sampling Event
Lab Report #460-141360-1

This data usability summary report (DUSR) was prepared in accordance with Appendix 2B of New York State Department of Environmental Conservation (NYSDEC) DER-10 using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 6 primary environmental groundwater samples and associated quality assurance/quality control (QA/QC) samples collected on September 8, 2017.

Sample Collection

The samples were collected in labeled laboratory-provided sample containers; no issues with sample containers or labeling were reported by the laboratory. Sampling procedures, including collection of field QA/QC samples, were reported to have been in accordance with the procedures presented in the NYSDEC-approved Quality Assurance Project Plan and Field Sampling Plan included in the July 2016 Site Management Plan for this property. All sample collection was conducted under Chain of Custody (COC) procedures.

Field QA/QC samples, including a blind duplicate, a field blank, and a trip blank, were collected to evaluate field sampling methods and laboratory procedures. Extra volume was also provided for a site-specific matrix spike/matrix spike duplicate (MS/MSD) QA/QC sample.

Sample Analyses

The samples were transmitted to and analyzed by TestAmerica Laboratories, Inc. at their Edison, New Jersey facility, which is New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030B and 8260B. The preparation and analytical methods and analytes are appropriate for the intended use of the data. The sample holding time was met and no problems with sample receipt or handling were reported by the laboratory.

QA/QC Results

Surrogate recoveries were within acceptance limits for all analyte groups and samples, indicating that the data are anticipated to be accurate.

A trip blank sample was collected and transported with the cooler containing the primary environmental samples. Trip blank samples are used to verify that cross-contamination between samples did not occur in the field, in transit, or in the laboratory. The trip blank sample showed detections of the VOCs 1,4-dichlorobenzene and acetone. Neither of these VOCs was detected in any of the primary environmental samples and, therefore, cross-contamination between samples does not appear to present a concern for the site-related VOCs in this data set.

A field blank (FB) was collected to evaluate potential contamination from field sampling procedures. No VOCs were detected in the field blank, with the exception of a low concentration of 1,4-dichlorobenzene. This VOC was also detected in the trip blank, but not in any of the primary environmental samples. Based on these results, cross-contamination from field sampling procedures does not appear to present a concern for site-related VOCs in this data set.

A blind duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (MW-1D) and the associated parent sample (MW-1) are nearly identical for all of the VOC detections. Based on the blind duplicate sample results, the laboratory results are likely to be precise for the constituents of concern.

An MS/MSD sample was prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. One MS/MSD sample was collected and included in this sample delivery group (SDG), which was analyzed in several batches. Based on information provided by the analytical laboratory, the MS/MSD results were all within QC limits except as follows:

- The percent recoveries (%Rs) for several VOCs, including 1,2,3- and 1,2,4-trichlorobenzene, 2-butanone, bromomethane, and trichlorofluoromethane, were outside of control criteria in the MS and/or MSD for batch 464711. These analytes are not VOCs of concern at this site.

Based on these results, matrix-related effects have not significantly affected the analytical results for the site-related VOCs.

Method blank (MB) samples were analyzed by the lab to evaluate potential cross-contamination associated with sample preparation and analysis. The MB results did not show analytes above method detection limits and/or reporting limits. Based on the MB results, cross-contamination associated with sample preparation and analysis does not appear to present a concern.

Laboratory control samples (LCSs) and duplicates (LCSDs) were used by the lab to verify the analytical accuracy and precision. The LCS/LCSD results were all within established guidelines with the following exceptions:

- The %Rs for several VOCs (bromomethane, trichlorofluoromethane, and 2-butanone) were outside control limits in one LCS. The %Rs in associated LCSDs met criteria. The analytes were biased high in the LCS and not detected in associated samples; therefore, the associated data are reported. The Form Is for the associated samples have been modified to qualify the data in accordance with the EPA's National Functional Guidelines.

Based on these results, the analytical results are appropriately reported and do not appear to have been significantly affected by laboratory-related accuracy or precision issues.

The continuing calibration verification (CCV) for batch #464711 recovered above the upper control limits for bromomethane and trichlorofluoromethane. The samples associated with this CCV were non-detect for these analytes and, therefore, the data have been reported.

Questions and Responses as per DER-10

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms,

including sample prep logs, injection logs, and examples of the calculations used to determine the sample concentrations are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – Although the majority of QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted above; however, these exceptions do not appear to significantly affect the data set.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Methods 5030B/8260B for TCL VOCs.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, results analyzed for but not detected have been U-qualified, and appropriate qualifiers have been applied where LCS results exceed the control limits. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The groundwater samples were reported to have been collected in accordance with the NYSDEC-approved QAPP and field sampling plan for this site. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-141360-1

Job Description: 900 Woodbury

For:
FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: Mr. John Bukoski

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
9/26/2017 9:34 AM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
09/26/2017

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

CASE NARRATIVE

Client: FPM Group Limited

Project: 900 Woodbury

Report Number: 460-141360-1

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 09/19/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.7 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-5 (460-141360-1), MW-6 (460-141360-2), MW-1 (460-141360-3), MW-1D (460-141360-4), FB (460-141360-5), MW-2 (460-141360-6), MW-3 (460-141360-7), MW-4 (460-141360-8) and TRIP BLANK (460-141360-9) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 09/24/2017.

The continuing calibration verification (CCV) associated with batch 464711 recovered above the upper control limit for Bromomethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 464711 recovered outside control limits for the following analytes: Bromomethane, Trichlorofluoromethane and 2-Butanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene failed the recovery criteria low for the MS of sample MW-6MS (460-141360-2) in batch 460-464711. 2-Butanone (MEK), Bromomethane and Trichlorofluoromethane failed the recovery criteria high.

2-Butanone (MEK), Bromomethane and Trichlorofluoromethane failed the recovery criteria high for the MSD of sample MW-6MSD (460-141360-2) in batch 460-464711.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-464711/7
Matrix: Water
Analysis Batch: 464711

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/24/17 07:43	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			09/24/17 07:43	1
Trichlorofluoromethane	1.0	U	1.0	0.15	ug/L			09/24/17 07:43	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			09/24/17 07:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*74 - 132*		*09/24/17 07:43*	*1*
4-Bromofluorobenzene	*103*		*77 - 124*		*09/24/17 07:43*	*1*
Dibromofluoromethane (Surr)	*113*		*72 - 131*		*09/24/17 07:43*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/24/17 07:43*	*1*

Lab Sample ID: LCS 460-464711/3
Matrix: Water
Analysis Batch: 464711

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.5		ug/L		102	75 - 125
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.5		ug/L		123	59 - 150
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	78 - 120
1,1-Dichloroethane	20.0	20.3		ug/L		101	77 - 123
1,1-Dichloroethene	20.0	24.2		ug/L		121	74 - 123
1,2,3-Trichlorobenzene	20.0	17.8		ug/L		89	78 - 131
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		98	80 - 124
1,2-Dibromo-3-Chloropropane	20.0	16.0		ug/L		80	55 - 134
1,2-Dichlorobenzene	20.0	22.1		ug/L		110	80 - 120
1,2-Dichloroethane	20.0	20.8		ug/L		104	76 - 121
1,2-Dichloropropane	20.0	20.1		ug/L		100	77 - 123
1,3-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 120
1,4-Dichlorobenzene	20.0	22.7		ug/L		114	80 - 120
1,4-Dioxane	400	449		ug/L		112	10 - 150
2-Butanone (MEK)	100	132	*	ug/L		132	64 - 120
2-Hexanone	100	108		ug/L		108	71 - 125
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	78 - 124
Acetone	100	109		ug/L		109	39 - 150
Benzene	20.0	20.4		ug/L		102	77 - 121
Bromoform	20.0	21.5		ug/L		107	53 - 120
Bromomethane	20.0	30.6	*	ug/L		153	10 - 150
Carbon disulfide	20.0	19.5		ug/L		98	69 - 133
Carbon tetrachloride	20.0	20.9		ug/L		105	70 - 132
Chlorobenzene	20.0	22.9		ug/L		115	80 - 120
Chlorobromomethane	20.0	23.9		ug/L		120	77 - 127
Chlorodibromomethane	20.0	22.1		ug/L		111	73 - 120
Chloroethane	20.0	25.9		ug/L		130	52 - 150
Chloroform	20.0	21.5		ug/L		107	80 - 120
Chloromethane	20.0	21.1		ug/L		105	56 - 131
cis-1,2-Dichloroethene	20.0	22.2		ug/L		111	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-464711/3
Matrix: Water
Analysis Batch: 464711

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	20.5		ug/L		102	77 - 120
Cyclohexane	20.0	17.8		ug/L		89	56 - 150
Dichlorobromomethane	20.0	20.2		ug/L		101	76 - 120
Dichlorodifluoromethane	20.0	22.2		ug/L		111	50 - 131
Ethylbenzene	20.0	21.5		ug/L		107	80 - 120
Ethylene Dibromide	20.0	22.1		ug/L		111	80 - 120
Isopropylbenzene	20.0	20.8		ug/L		104	80 - 123
Methyl acetate	100	82.0		ug/L		82	66 - 144
Methyl tert-butyl ether	20.0	19.3		ug/L		96	79 - 122
Methylcyclohexane	20.0	21.0		ug/L		105	61 - 145
Methylene Chloride	20.0	22.2		ug/L		111	77 - 123
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	80 - 120
o-Xylene	20.0	21.4		ug/L		107	80 - 120
Styrene	20.0	21.2		ug/L		106	80 - 120
Tetrachloroethene	20.0	22.9		ug/L		114	78 - 122
Toluene	20.0	20.5		ug/L		103	80 - 120
trans-1,2-Dichloroethene	20.0	22.4		ug/L		112	79 - 120
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	76 - 120
Trichloroethene	20.0	21.4		ug/L		107	77 - 120
Trichlorofluoromethane	20.0	28.7	*	ug/L		144	71 - 143
Vinyl chloride	20.0	23.5		ug/L		118	62 - 138

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*74 - 132*
4-Bromofluorobenzene	*105*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-141360-2 MS
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.9		ug/L		100	75 - 125
1,1,2,2-Tetrachloroethane	1.0	U	20.0	19.0		ug/L		95	74 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.0		ug/L		120	59 - 150
1,1,2-Trichloroethane	1.0	U	20.0	19.9		ug/L		100	78 - 120
1,1-Dichloroethane	1.0	U	20.0	19.5		ug/L		97	77 - 123
1,1-Dichloroethene	1.0	U	20.0	22.7		ug/L		114	74 - 123
1,2,3-Trichlorobenzene	1.0	U	20.0	13.7	*	ug/L		69	78 - 131
1,2,4-Trichlorobenzene	1.0	U	20.0	14.9	*	ug/L		75	80 - 124
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	14.2		ug/L		71	55 - 134
1,2-Dichlorobenzene	1.0	U	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloroethane	1.0	U	20.0	19.4		ug/L		97	76 - 121
1,2-Dichloropropane	1.0	U	20.0	18.8		ug/L		94	77 - 123
1,3-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		106	80 - 120
1,4-Dichlorobenzene	1.0	U	20.0	21.4		ug/L		107	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-141360-2 MS
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	50	U	400	395		ug/L		99	10 - 150
2-Butanone (MEK)	5.0	U *	100	125	*	ug/L		125	64 - 120
2-Hexanone	5.0	U	100	109		ug/L		109	71 - 125
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	78 - 124
Acetone	5.0	U	100	103		ug/L		103	39 - 150
Benzene	1.0	U	20.0	19.2		ug/L		96	77 - 121
Bromoform	1.0	U	20.0	17.6		ug/L		88	53 - 120
Bromomethane	1.0	U *	20.0	30.7	*	ug/L		153	10 - 150
Carbon disulfide	1.0	U	20.0	15.4		ug/L		77	69 - 133
Carbon tetrachloride	1.0	U	20.0	19.9		ug/L		100	70 - 132
Chlorobenzene	1.0	U	20.0	21.8		ug/L		109	80 - 120
Chlorobromomethane	1.0	U	20.0	23.0		ug/L		115	77 - 127
Chlorodibromomethane	1.0	U	20.0	19.6		ug/L		98	73 - 120
Chloroethane	1.0	U	20.0	29.0		ug/L		145	52 - 150
Chloroform	1.0	U	20.0	20.7		ug/L		104	80 - 120
Chloromethane	1.0	U	20.0	18.4		ug/L		92	56 - 131
cis-1,2-Dichloroethene	1.0	U	20.0	21.0		ug/L		105	80 - 120
cis-1,3-Dichloropropene	1.0	U	20.0	18.8		ug/L		94	77 - 120
Cyclohexane	1.0	U	20.0	18.1		ug/L		90	56 - 150
Dichlorobromomethane	1.0	U	20.0	18.5		ug/L		93	76 - 120
Dichlorodifluoromethane	1.0	U	20.0	22.2		ug/L		111	50 - 131
Ethylbenzene	1.0	U	20.0	20.6		ug/L		103	80 - 120
Ethylene Dibromide	1.0	U	20.0	21.1		ug/L		106	80 - 120
Isopropylbenzene	1.0	U	20.0	19.5		ug/L		97	80 - 123
Methyl acetate	5.0	U	100	79.9		ug/L		80	66 - 144
Methyl tert-butyl ether	1.0	U	20.0	18.6		ug/L		93	79 - 122
Methylcyclohexane	1.0	U	20.0	21.7		ug/L		109	61 - 145
Methylene Chloride	1.0	U	20.0	20.9		ug/L		105	77 - 123
m-Xylene & p-Xylene	1.0	U	20.0	20.6		ug/L		103	80 - 120
o-Xylene	1.0	U	20.0	20.2		ug/L		101	80 - 120
Styrene	1.0	U	20.0	17.8		ug/L		89	80 - 120
Tetrachloroethene	2.1		20.0	23.5		ug/L		107	78 - 122
Toluene	1.0	U	20.0	19.3		ug/L		97	80 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	21.4		ug/L		107	79 - 120
trans-1,3-Dichloropropene	1.0	U	20.0	18.3		ug/L		92	76 - 120
Trichloroethene	1.0	U	20.0	20.6		ug/L		103	77 - 120
Trichlorofluoromethane	1.0	U *	20.0	30.2	*	ug/L		151	71 - 143
Vinyl chloride	1.0	U	20.0	22.3		ug/L		112	62 - 138

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 132*
4-Bromofluorobenzene	*105*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-141360-2 MSD — **Client Sample ID: MW-6**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 464711

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	75 - 125	3	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	18.9		ug/L		94	74 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	24.3		ug/L		122	59 - 150	1	30
1,1,2-Trichloroethane	1.0	U	20.0	19.9		ug/L		100	78 - 120	0	30
1,1-Dichloroethane	1.0	U	20.0	19.9		ug/L		100	77 - 123	2	30
1,1-Dichloroethene	1.0	U	20.0	23.7		ug/L		119	74 - 123	4	30
1,2,3-Trichlorobenzene	1.0	U	20.0	16.3		ug/L		81	78 - 131	17	30
1,2,4-Trichlorobenzene	1.0	U	20.0	17.7		ug/L		88	80 - 124	17	30
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	14.2		ug/L		71	55 - 134	0	30
1,2-Dichlorobenzene	1.0	U	20.0	21.1		ug/L		105	80 - 120	3	30
1,2-Dichloroethane	1.0	U	20.0	19.5		ug/L		98	76 - 121	1	30
1,2-Dichloropropane	1.0	U	20.0	19.4		ug/L		97	77 - 123	3	30
1,3-Dichlorobenzene	1.0	U	20.0	21.5		ug/L		108	80 - 120	2	30
1,4-Dichlorobenzene	1.0	U	20.0	21.6		ug/L		108	80 - 120	1	30
1,4-Dioxane	50	U	400	437		ug/L		109	10 - 150	10	30
2-Butanone (MEK)	5.0	U *	100	127	*	ug/L		127	64 - 120	2	30
2-Hexanone	5.0	U	100	106		ug/L		106	71 - 125	2	30
4-Methyl-2-pentanone (MIBK)	5.0	U	100	104		ug/L		104	78 - 124	1	30
Acetone	5.0	U	100	99.9		ug/L		100	39 - 150	3	30
Benzene	1.0	U	20.0	19.8		ug/L		99	77 - 121	3	30
Bromoform	1.0	U	20.0	18.3		ug/L		91	53 - 120	4	30
Bromomethane	1.0	U *	20.0	31.0	*	ug/L		155	10 - 150	1	30
Carbon disulfide	1.0	U	20.0	16.1		ug/L		80	69 - 133	4	30
Carbon tetrachloride	1.0	U	20.0	20.3		ug/L		101	70 - 132	2	30
Chlorobenzene	1.0	U	20.0	22.2		ug/L		111	80 - 120	2	30
Chlorobromomethane	1.0	U	20.0	22.8		ug/L		114	77 - 127	1	30
Chlorodibromomethane	1.0	U	20.0	20.0		ug/L		100	73 - 120	2	30
Chloroethane	1.0	U	20.0	28.7		ug/L		143	52 - 150	1	30
Chloroform	1.0	U	20.0	21.1		ug/L		105	80 - 120	2	30
Chloromethane	1.0	U	20.0	19.5		ug/L		98	56 - 131	6	30
cis-1,2-Dichloroethene	1.0	U	20.0	21.5		ug/L		108	80 - 120	2	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.6		ug/L		98	77 - 120	4	30
Cyclohexane	1.0	U	20.0	18.6		ug/L		93	56 - 150	3	30
Dichlorobromomethane	1.0	U	20.0	19.1		ug/L		96	76 - 120	3	30
Dichlorodifluoromethane	1.0	U	20.0	22.7		ug/L		113	50 - 131	2	30
Ethylbenzene	1.0	U	20.0	21.2		ug/L		106	80 - 120	3	30
Ethylene Dibromide	1.0	U	20.0	21.7		ug/L		108	80 - 120	3	30
Isopropylbenzene	1.0	U	20.0	20.4		ug/L		102	80 - 123	5	30
Methyl acetate	5.0	U	100	78.1		ug/L		78	66 - 144	2	30
Methyl tert-butyl ether	1.0	U	20.0	18.9		ug/L		95	79 - 122	2	30
Methylcyclohexane	1.0	U	20.0	22.0		ug/L		110	61 - 145	1	30
Methylene Chloride	1.0	U	20.0	21.5		ug/L		108	77 - 123	3	30
m-Xylene & p-Xylene	1.0	U	20.0	21.0		ug/L		105	80 - 120	2	30
o-Xylene	1.0	U	20.0	20.5		ug/L		102	80 - 120	1	30
Styrene	1.0	U	20.0	18.4		ug/L		92	80 - 120	3	30
Tetrachloroethene	2.1		20.0	24.1		ug/L		110	78 - 122	2	30
Toluene	1.0	U	20.0	20.0		ug/L		100	80 - 120	4	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-141360-2 MSD
Matrix: Water
Analysis Batch: 464711

Client Sample ID: MW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	1.0	U	20.0	22.5		ug/L		112	79 - 120	5	30
trans-1,3-Dichloropropene	1.0	U	20.0	19.0		ug/L		95	76 - 120	4	30
Trichloroethene	1.0	U	20.0	21.1		ug/L		106	77 - 120	2	30
Trichlorofluoromethane	1.0	U *	20.0	31.0	*	ug/L		155	71 - 143	3	30
Vinyl chloride	1.0	U	20.0	23.7		ug/L		118	62 - 138	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*74 - 132*
4-Bromofluorobenzene	*106*		*77 - 124*
Dibromofluoromethane (Surr)	*109*		*72 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46214.D

Lab ID: LCS 460-464711/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	102	75-125	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.5	123	59-150	
1,1,2-Trichloroethane	20.0	20.6	103	78-120	
1,1-Dichloroethane	20.0	20.3	101	77-123	
1,1-Dichloroethene	20.0	24.2	121	74-123	
1,2,3-Trichlorobenzene	20.0	17.8	89	78-131	
1,2,4-Trichlorobenzene	20.0	19.5	98	80-124	
1,2-Dibromo-3-Chloropropane	20.0	16.0	80	55-134	
1,2-Dichlorobenzene	20.0	22.1	110	80-120	
1,2-Dichloroethane	20.0	20.8	104	76-121	
1,2-Dichloropropane	20.0	20.1	100	77-123	
1,3-Dichlorobenzene	20.0	22.0	110	80-120	
1,4-Dichlorobenzene	20.0	22.7	114	80-120	
1,4-Dioxane	400	449	112	10-150	
2-Butanone (MEK)	100	132	132	64-120	*
2-Hexanone	100	108	108	71-125	
4-Methyl-2-pentanone (MIBK)	100	105	105	78-124	
Acetone	100	109	109	39-150	
Benzene	20.0	20.4	102	77-121	
Bromoform	20.0	21.5	107	53-120	
Bromomethane	20.0	30.6	153	10-150	*
Carbon disulfide	20.0	19.5	98	69-133	
Carbon tetrachloride	20.0	20.9	105	70-132	
Chlorobenzene	20.0	22.9	115	80-120	
Chlorobromomethane	20.0	23.9	120	77-127	
Chlorodibromomethane	20.0	22.1	111	73-120	
Chloroethane	20.0	25.9	130	52-150	
Chloroform	20.0	21.5	107	80-120	
Chloromethane	20.0	21.1	105	56-131	
cis-1,2-Dichloroethene	20.0	22.2	111	80-120	
cis-1,3-Dichloropropene	20.0	20.5	102	77-120	
Cyclohexane	20.0	17.8	89	56-150	
Dichlorobromomethane	20.0	20.2	101	76-120	
Dichlorodifluoromethane	20.0	22.2	111	50-131	
Ethylbenzene	20.0	21.5	107	80-120	
Ethylene Dibromide	20.0	22.1	111	80-120	
Isopropylbenzene	20.0	20.8	104	80-123	
Methyl acetate	100	82.0	82	66-144	
Methyl tert-butyl ether	20.0	19.3	96	79-122	
Methylcyclohexane	20.0	21.0	105	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46214.D

Lab ID: LCS 460-464711/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	22.2	111	77-123	
m-Xylene & p-Xylene	20.0	21.0	105	80-120	
o-Xylene	20.0	21.4	107	80-120	
Styrene	20.0	21.2	106	80-120	
Tetrachloroethene	20.0	22.9	114	78-122	
Toluene	20.0	20.5	103	80-120	
trans-1,2-Dichloroethene	20.0	22.4	112	79-120	
trans-1,3-Dichloropropene	20.0	19.8	99	76-120	
Trichloroethene	20.0	21.4	107	77-120	
Trichlorofluoromethane	20.0	28.7	144	71-143	*
Vinyl chloride	20.0	23.5	118	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46227.D

Lab ID: 460-141360-2 MS Client ID: MW-6 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.9	100	75-125	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	19.0	95	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	1.0 U	24.0	120	59-150	
1,1,2-Trichloroethane	20.0	1.0 U	19.9	100	78-120	
1,1-Dichloroethane	20.0	1.0 U	19.5	97	77-123	
1,1-Dichloroethene	20.0	1.0 U	22.7	114	74-123	
1,2,3-Trichlorobenzene	20.0	1.0 U	13.7	69	78-131	*
1,2,4-Trichlorobenzene	20.0	1.0 U	14.9	75	80-124	*
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	14.2	71	55-134	
1,2-Dichlorobenzene	20.0	1.0 U	20.4	102	80-120	
1,2-Dichloroethane	20.0	1.0 U	19.4	97	76-121	
1,2-Dichloropropane	20.0	1.0 U	18.8	94	77-123	
1,3-Dichlorobenzene	20.0	1.0 U	21.1	106	80-120	
1,4-Dichlorobenzene	20.0	1.0 U	21.4	107	80-120	
1,4-Dioxane	400	50 U	395	99	10-150	
2-Butanone (MEK)	100	5.0 U	125	125	64-120	*
2-Hexanone	100	5.0 U	109	109	71-125	
4-Methyl-2-pentanone (MIBK)	100	5.0 U	104	104	78-124	
Acetone	100	5.0 U	103	103	39-150	
Benzene	20.0	1.0 U	19.2	96	77-121	
Bromoform	20.0	1.0 U	17.6	88	53-120	
Bromomethane	20.0	1.0 U	30.7	153	10-150	*
Carbon disulfide	20.0	1.0 U	15.4	77	69-133	
Carbon tetrachloride	20.0	1.0 U	19.9	100	70-132	
Chlorobenzene	20.0	1.0 U	21.8	109	80-120	
Chlorobromomethane	20.0	1.0 U	23.0	115	77-127	
Chlorodibromomethane	20.0	1.0 U	19.6	98	73-120	
Chloroethane	20.0	1.0 U	29.0	145	52-150	
Chloroform	20.0	1.0 U	20.7	104	80-120	
Chloromethane	20.0	1.0 U	18.4	92	56-131	
cis-1,2-Dichloroethene	20.0	1.0 U	21.0	105	80-120	
cis-1,3-Dichloropropene	20.0	1.0 U	18.8	94	77-120	
Cyclohexane	20.0	1.0 U	18.1	90	56-150	
Dichlorobromomethane	20.0	1.0 U	18.5	93	76-120	
Dichlorodifluoromethane	20.0	1.0 U	22.2	111	50-131	
Ethylbenzene	20.0	1.0 U	20.6	103	80-120	
Ethylene Dibromide	20.0	1.0 U	21.1	106	80-120	
Isopropylbenzene	20.0	1.0 U	19.5	97	80-123	
Methyl acetate	100	5.0 U	79.9	80	66-144	
Methyl tert-butyl ether	20.0	1.0 U	18.6	93	79-122	
Methylcyclohexane	20.0	1.0 U	21.7	109	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46227.D

Lab ID: 460-141360-2 MS Client ID: MW-6 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	1.0 U	20.9	105	77-123	
m-Xylene & p-Xylene	20.0	1.0 U	20.6	103	80-120	
o-Xylene	20.0	1.0 U	20.2	101	80-120	
Styrene	20.0	1.0 U	17.8	89	80-120	
Tetrachloroethene	20.0	2.1	23.5	107	78-122	
Toluene	20.0	1.0 U	19.3	97	80-120	
trans-1,2-Dichloroethene	20.0	1.0 U	21.4	107	79-120	
trans-1,3-Dichloropropene	20.0	1.0 U	18.3	92	76-120	
Trichloroethene	20.0	1.0 U	20.6	103	77-120	
Trichlorofluoromethane	20.0	1.0 U	30.2	151	71-143	*
Vinyl chloride	20.0	1.0 U	22.3	112	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46228.D

Lab ID: 460-141360-2 MSD Client ID: MW-6 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.4	102	3	30	75-125	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	1	30	74-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.3	122	1	30	59-150	
1,1,2-Trichloroethane	20.0	19.9	100	0	30	78-120	
1,1-Dichloroethane	20.0	19.9	100	2	30	77-123	
1,1-Dichloroethene	20.0	23.7	119	4	30	74-123	
1,2,3-Trichlorobenzene	20.0	16.3	81	17	30	78-131	
1,2,4-Trichlorobenzene	20.0	17.7	88	17	30	80-124	
1,2-Dibromo-3-Chloropropane	20.0	14.2	71	0	30	55-134	
1,2-Dichlorobenzene	20.0	21.1	105	3	30	80-120	
1,2-Dichloroethane	20.0	19.5	98	1	30	76-121	
1,2-Dichloropropane	20.0	19.4	97	3	30	77-123	
1,3-Dichlorobenzene	20.0	21.5	108	2	30	80-120	
1,4-Dichlorobenzene	20.0	21.6	108	1	30	80-120	
1,4-Dioxane	400	437	109	10	30	10-150	
2-Butanone (MEK)	100	127	127	2	30	64-120	*
2-Hexanone	100	106	106	2	30	71-125	
4-Methyl-2-pentanone (MIBK)	100	104	104	1	30	78-124	
Acetone	100	99.9	100	3	30	39-150	
Benzene	20.0	19.8	99	3	30	77-121	
Bromoform	20.0	18.3	91	4	30	53-120	
Bromomethane	20.0	31.0	155	1	30	10-150	*
Carbon disulfide	20.0	16.1	80	4	30	69-133	
Carbon tetrachloride	20.0	20.3	101	2	30	70-132	
Chlorobenzene	20.0	22.2	111	2	30	80-120	
Chlorobromomethane	20.0	22.8	114	1	30	77-127	
Chlorodibromomethane	20.0	20.0	100	2	30	73-120	
Chloroethane	20.0	28.7	143	1	30	52-150	
Chloroform	20.0	21.1	105	2	30	80-120	
Chloromethane	20.0	19.5	98	6	30	56-131	
cis-1,2-Dichloroethene	20.0	21.5	108	2	30	80-120	
cis-1,3-Dichloropropene	20.0	19.6	98	4	30	77-120	
Cyclohexane	20.0	18.6	93	3	30	56-150	
Dichlorobromomethane	20.0	19.1	96	3	30	76-120	
Dichlorodifluoromethane	20.0	22.7	113	2	30	50-131	
Ethylbenzene	20.0	21.2	106	3	30	80-120	
Ethylene Dibromide	20.0	21.7	108	3	30	80-120	
Isopropylbenzene	20.0	20.4	102	5	30	80-123	
Methyl acetate	100	78.1	78	2	30	66-144	
Methyl tert-butyl ether	20.0	18.9	95	2	30	79-122	
Methylcyclohexane	20.0	22.0	110	1	30	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A46228.D

Lab ID: 460-141360-2 MSD Client ID: MW-6 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methylene Chloride	20.0	21.5	108	3	30	77-123	
m-Xylene & p-Xylene	20.0	21.0	105	2	30	80-120	
o-Xylene	20.0	20.5	102	1	30	80-120	
Styrene	20.0	18.4	92	3	30	80-120	
Tetrachloroethene	20.0	24.1	110	2	30	78-122	
Toluene	20.0	20.0	100	4	30	80-120	
trans-1,2-Dichloroethene	20.0	22.5	112	5	30	79-120	
trans-1,3-Dichloropropene	20.0	19.0	95	4	30	76-120	
Trichloroethene	20.0	21.1	106	2	30	77-120	
Trichlorofluoromethane	20.0	31.0	155	3	30	71-143	*
Vinyl chloride	20.0	23.7	118	6	30	62-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 460-141360-1

Matrix: Water Lab File ID: A46224.D

Analysis Method: 8260C Date Collected: 09/15/2017 07:00

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 10:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.85	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 460-141360-1

Matrix: Water Lab File ID: A46224.D

Analysis Method: 8260C Date Collected: 09/15/2017 07:00

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 10:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.78	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 460-141360-2

Matrix: Water | Lab File ID: A46225.D

Analysis Method: 8260C | Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 10:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-6 Lab Sample ID: 460-141360-2

Matrix: Water Lab File ID: A46225.D

Analysis Method: 8260C Date Collected: 09/15/2017 07:30

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 10:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	2.1		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		74-132
460-00-4	4-Bromofluorobenzene	101		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1 Lab Sample ID: 460-141360-3

Matrix: Water Lab File ID: A46232.D

Analysis Method: 8260C Date Collected: 09/15/2017 08:20

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 13:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.53	J	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.48	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.28	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.23	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1 Lab Sample ID: 460-141360-3

Matrix: Water Lab File ID: A46232.D

Analysis Method: 8260C Date Collected: 09/15/2017 08:20

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 13:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	6.3		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U *	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	107		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1D Lab Sample ID: 460-141360-4

Matrix: Water Lab File ID: A46233.D

Analysis Method: 8260C Date Collected: 09/15/2017 08:25

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 13:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.75	J	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.46	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.34	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.28	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-1D Lab Sample ID: 460-141360-4

Matrix: Water Lab File ID: A46233.D

Analysis Method: 8260C Date Collected: 09/15/2017 08:25

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 13:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	4.3		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: FB | Lab Sample ID: 460-141360-5

Matrix: Water | Lab File ID: A46230.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.6		1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: FB | Lab Sample ID: 460-141360-5

Matrix: Water | Lab File ID: A46230.D

Analysis Method: 8260C | Date Collected: 09/15/2017 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		74-132
460-00-4	4-Bromofluorobenzene	108		77-124
1868-53-7	Dibromofluoromethane (Surr)	111		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-2 Lab Sample ID: 460-141360-6

Matrix: Water Lab File ID: A46234.D

Analysis Method: 8260C Date Collected: 09/15/2017 09:00

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 13:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 460-141360-6

Matrix: Water | Lab File ID: A46234.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 13:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	0.12	J	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	104		77-124
1868-53-7	Dibromofluoromethane (Surr)	109		72-131
2037-26-5	Toluene-d8 (Surr)	103		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-141360-7

Matrix: Water | Lab File ID: A46235.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.25	J	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.22	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.24	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.21	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 460-141360-7

Matrix: Water | Lab File ID: A46235.D

Analysis Method: 8260C | Date Collected: 09/15/2017 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		74-132
460-00-4	4-Bromofluorobenzene	107		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 460-141360-8

Matrix: Water | Lab File ID: A46236.D

Analysis Method: 8260C | Date Collected: 09/15/2017 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	0.20	J	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	0.23	J	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	0.29	J	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	0.24	J	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-141360-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 460-141360-8

Matrix: Water | Lab File ID: A46236.D

Analysis Method: 8260C | Date Collected: 09/15/2017 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 09/24/2017 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 464711 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	4.9		1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		74-132
460-00-4	4-Bromofluorobenzene	109		77-124
1868-53-7	Dibromofluoromethane (Surr)	112		72-131
2037-26-5	Toluene-d8 (Surr)	105		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-141360-9

Matrix: Water Lab File ID: A46231.D

Analysis Method: 8260C Date Collected: 09/15/2017 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 12:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.9		1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	22		5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-141360-9

Matrix: Water Lab File ID: A46231.D

Analysis Method: 8260C Date Collected: 09/15/2017 00:00

Sample wt/vol: 5(mL) Date Analyzed: 09/24/2017 12:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 464711 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		74-132
460-00-4	4-Bromofluorobenzene	105		77-124
1868-53-7	Dibromofluoromethane (Surr)	108		72-131
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-141360-1

SDG No.:

Lab Sample ID: CCVIS 460-464711/2 Calibration Date: 09/24/2017 05:14

Instrument ID: CVOAMS1 Calib Start Date: 08/07/2017 06:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/07/2017 08:54

Lab File ID: A46213.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
Chlorotrifluoroethene	Ave	0.0465	0.0410		17.6	20.0	-11.8	20.0
Dichlorodifluoromethane	Ave	0.3011	0.3444	0.1000	22.9	20.0	14.4	20.0
Chloromethane	Ave	0.3054	0.3229	0.1000	21.1	20.0	5.7	20.0
Butadiene	Ave	0.2892	0.3107		21.5	20.0	7.4	20.0
Vinyl chloride	Ave	0.3037	0.3551	0.1000	23.4	20.0	17.0	20.0
Bromomethane	Ave	0.1868	0.2852	0.1000	30.5	20.0	52.7*	50.0
Chloroethane	Ave	0.1662	0.2203	0.1000	26.5	20.0	32.6	50.0
Dichlorofluoromethane	Ave	0.3960	0.5143		26.0	20.0	29.9*	20.0
Trichlorofluoromethane	Ave	0.3247	0.4787	0.1000	29.5	20.0	47.4*	20.0
Pentane	Ave	0.0455	0.0516		45.4	40.0	13.5	20.0
Ethanol	QuaF		0.0662		1190	800	49.2	50.0
Ethyl ether	Ave	0.2293	0.2290		20.0	20.0	-0.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2290	0.2096		18.3	20.0	-8.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2090	0.2488		23.8	20.0	19.1	20.0
Acrolein	QuaF		0.8659		43.3	40.0	8.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2348	0.2661	0.1000	22.7	20.0	13.3	20.0
1,1-Dichloroethene	Ave	0.2473	0.2844	0.1000	23.0	20.0	15.0	20.0
Acetone	Ave	0.2767	0.2862	0.0500	103	100	3.4	50.0
Iodomethane	Ave	0.4697	0.5408		23.0	20.0	15.1	20.0
Carbon disulfide	Ave	0.9634	0.9137	0.1000	19.0	20.0	-5.2	50.0
Isopropyl alcohol	Ave	0.7223	0.7634		211	200	5.7	50.0
Allyl chloride	Ave	0.1913	0.1878		19.6	20.0	-1.8	20.0
Cyclopentene	Ave	0.7179	0.6838		19.0	20.0	-4.8	20.0
Methyl acetate	Ave	0.2073	0.1793	0.1000	86.5	100	-13.5	20.0
Acetonitrile	Ave	1.653	1.890		229	200	14.3	20.0
Methylene Chloride	Ave	0.3171	0.3395	0.1000	21.4	20.0	7.1	20.0
2-Methyl-2-propanol	Ave	1.355	1.442		213	200	6.4	50.0
Methyl tert-butyl ether	Ave	0.7915	0.7461	0.1000	18.9	20.0	-5.7	20.0
trans-1,2-Dichloroethene	Ave	0.3114	0.3337	0.1000	21.4	20.0	7.2	20.0
Acrylonitrile	Lin2		0.1150		202	200	1.1	20.0
Hexane	Ave	0.2527	0.2235		17.7	20.0	-11.5	20.0
Isopropyl ether	Ave	0.9641	0.7861		16.3	20.0	-18.5	20.0
1,1-Dichloroethane	Ave	0.5404	0.5369	0.2000	19.9	20.0	-0.6	20.0
Vinyl acetate	Ave	0.0627	0.0683		43.6	40.0	8.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2798	0.2949		21.1	20.0	5.4	20.0
Tert-butyl ethyl ether	Ave	0.8948	0.7868		17.6	20.0	-12.1	20.0
2,2-Dichloropropane	Ave	0.1133	0.1014		17.9	20.0	-10.5	20.0
cis-1,2-Dichloroethene	Ave	0.3574	0.3843	0.1000	21.5	20.0	7.5	20.0
Ethyl acetate	Qua2		0.3533		52.1	40.0	30.3*	20.0
2-Butanone (MEK)	Ave	0.3125	0.4146	0.0500	133	100	32.6	50.0